MITKEM CORPORATION

"Environmental Testing For The New Millennium"

September 6, 2005

Ecology & Environment
368 Pleasantview Drive
Lancaster, NY 14086
Attn: Mr. Jon Nickerson

RE: Client Project: Old Troy Landfill
Lab Work Order #: D0926

Dear Mr. Nickerson:

Enclosed please find the data report of the required analyses for the samples associated with the above referenced project.

If you have any questions regarding this report, please call me.

We appreciate your business.

Sincerely,

Agnes R. Ng
CLP Project Manager

175 Metro Center Boulevard • Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499 • www.mitkem.com

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* Data Summary Pack *

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New York State Department of Environmental Conservation

Sample Identification and Analytical Requirements Summary

Project Name: **Old Troy Landfill** SDG: **D0926**

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		VOA GC/MS Method #	SVOA GC/MS Method #	Pest/PCB Method #	Metals	Other
SD03-S-O	D0926-01	ASP	ASP	ASP	ASP	SEE DATA
SD02-S-O	D0926-02	ASP	ASP	ASP	ASP	SEE DATA
SD02-S-O	D0926-03	ASP	ASP	ASP	ASP	SEE DATA
SD12-S-O	D0926-04	ASP	ASP	ASP	ASP	SEE DATA
SD01-S-O	D0926-05	ASP	ASP	ASP	ASP	SEE DATA
SD07-S-O	D0926-06	ASP	ASP	ASP	ASP	SEE DATA
SD07-S-M	D0926-07	ASP	ASP	ASP	ASP	SEE DATA
SD05-S-O	D0926-08	ASP	ASP	ASP	ASP	SEE DATA
SD05-S-O	D0926-09	ASP	ASP	ASP	ASP	SEE DATA
SD09-S-O	D0926-10	ASP	ASP	ASP	ASP	SEE DATA
SD08-S-O	D0926-11	ASP	ASP	ASP	ASP	SEE DATA
SD10-S-O	D0926-12	ASP	ASP	ASP	ASP	SEE DATA
SD11-S-O	D0926-13	ASP	ASP	ASP	ASP	SEE DATA
SD04-S-O	D0926-14	ASP	ASP	ASP	ASP	SEE DATA
SS02-S-O	D0926-15		ASP	ASP	ASP	SEE DATA
SS03-S-O	D0926-16		ASP	ASP	ASP	SEE DATA
SS05-S-O	D0926-17		ASP	ASP	ASP	SEE DATA
SS10-S-O	D0926-18		ASP	ASP	ASP	SEE DATA
SS11-S-M	D0926-19		ASP	ASP	ASP	SEE DATA
SS10-S-D	D0926-20		ASP	ASP	ASP	SEE DATA

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Sample Preparation and Analyses Summary
Volatile (VOA) Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Date Collected	Date Received by Lab	Date Extracted	Date Analyzed
D0926-01E	SL	08/08/2005	08/09/2005	Preserved in the field	08/18/2005
D0926-02E	SL	08/08/2005	08/09/2005	Preserved in the field	08/18/2005
D0926-03E	SL	08/09/2005	08/10/2005	Preserved in the field	08/18/2005
D0926-04C	SL	08/09/2005	08/10/2005	Preserved in the field	08/19/2005
D0926-05D	SL	08/09/2005	08/10/2005	Preserved in the field	8/18/05, 8/19/05
D0926-06C	SL	08/09/2005	08/10/2005	Preserved in the field	08/19/2005
D0926-07C	SL	08/09/2005	08/10/2005	Preserved in the field	08/18/2005
D0926-07CMS	SL	08/09/2005	08/10/2005	Preserved in the field	08/18/2005
D0926-07CMSD	SL	08/09/2005	08/10/2005	Preserved in the field	08/18/2005
D0926-08C	SL	08/08/2005	08/09/2005	Preserved in the field	8/18/05, 8/19/05
D0926-09C	SL	08/08/2005	08/09/2005	Preserved in the field	8/18/05, 8/19/05
D0926-10C	SL	08/08/2005	08/09/2005	Preserved in the field	08/19/2005
D0926-11C	SL	08/08/2005	08/09/2005	Preserved in the field	8/18/05, 8/19/05
D0926-12C	SL	08/10/2005	08/11/2005	Preserved in the field	08/19/2005
D0926-13C	SL	08/10/2005	08/11/2005	Preserved in the field	8/18/05, 8/19/05
D0926-14C	SL	08/10/2005	08/11/2005	Preserved in the field	08/19/2005

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Sample Preparation and Analyses Summary
Semivolatile (SVOA) Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Date Collected	Date Received by Lab	Date Extracted	Date Analyzed
D0926-01A	SL	08/08/2005	08/09/2005	08/12/2005	08/25/2005
D0926-02A	SL	08/08/2005	08/09/2005	08/12/2005	08/25/2005
D0926-03A	SL	08/08/2005	08/09/2005	08/12/2005	08/25/2005
D0926-04A	SL	08/09/2005	08/10/2005	08/12/2005	08/25/2005
D0926-05A	SL	08/09/2005	08/10/2005	08/12/2005	08/25/2005
D0926-06A	SL	08/09/2005	08/10/2005	08/12/2005	08/24/2005
D0926-07A	SL	08/09/2005	08/10/2005	8/12/05,8/26/05	8/24/05, 8/25/05, 8/31/05
D0926-07AMS	SL	08/09/2005	08/10/2005	8/12/05,8/26/05	8/24/05, 8/31/05
D0926-07AMSD	SL	08/09/2005	08/10/2005	8/12/05,8/26/05	8/24/05, 8/31/05
D0926-08A	SL	08/09/2005	08/10/2005	08/12/2005	08/25/2005
D0926-09A	SL	08/09/2005	08/10/2005	08/12/2005	08/24/2005
D0926-10A	SL	08/10/2005	08/11/2005	08/12/2005	08/24/2005
D0926-11A	SL	08/10/2005	08/11/2005	08/12/2005	08/25/2005
D0926-12A	SL	08/10/2005	08/11/2005	08/12/2005	08/25/2005
D0926-13A	SL	08/10/2005	08/11/2005	08/12/2005	08/25/2005
D0926-14A	SL	08/10/2005	08/11/2005	08/12/2005	08/24/2005
D0926-15A	SL	08/10/2005	08/11/2005	08/12/2005	08/25/2005
D0926-16A	SL	08/10/2005	08/11/2005	08/12/2005	08/24/2005
D0926-17A	SL	08/10/2005	08/11/2005	08/12/2005	08/25/2005
D0926-18A	SL	08/10/2005	08/11/2005	08/12/2005	08/24/2005

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Sample Preparation and Analyses Summary
Semivolatile (SVOA) Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Date Collected	Date Received by Lab	Date Extracted	Date Analyzed
D0926-19A	SL	08/10/2005	08/11/2005	08/12/2005	08/24/2005
D0926-19AMS	SL	08/10/2005	08/11/2005	08/12/2005	08/24/2005
D0926-19AMSD	SL	08/10/2005	08/11/2005	08/12/2005	08/24/2005
D0926-20A	SL	08/10/2005	08/11/2005	08/12/2005	08/24/2005

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Sample Preparation and Analyses Summary
Pesticides/PCB Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Date Collected	Date Received by Lab	Date Extracted	Date Analyzed
D0926-01A	SL	08/08/2005	08/09/2005	08/12/2005	08/24/2005
D0926-02A	SL	08/08/2005	08/09/2005	08/12/2005	08/24/2005
D0926-03A	SL	08/08/2005	08/09/2005	08/12/2005	08/24/2005
D0926-04A	SL	08/09/2005	08/10/2005	08/12/2005	08/24/2005
D0926-05A	SL	08/09/2005	08/10/2005	08/12/2005	08/24/2005
D0926-06A	SL	08/09/2005	08/10/2005	08/12/2005	08/24/2005
D0926-07A	SL	08/09/2005	08/10/2005	08/12/2005	8/23/05,8/25/05
D0926-07AMS	SL	08/09/2005	08/10/2005	08/12/2005	08/28/2005
D0926-07AMSD	SL	08/09/2005	08/10/2005	08/12/2005	08/28/2005
D0926-08A	SL	08/09/2005	08/10/2005	08/12/2005	08/24/2005
D0926-09A	SL	08/09/2005	08/10/2005	08/12/2005	08/24/2005
D0926-10A	SL	08/10/2005	08/11/2005	08/12/2005	08/24/2005
D0926-11A	SL	08/10/2005	08/11/2005	08/12/2005	08/24/2005
D0926-12A	SL	08/10/2005	08/11/2005	08/12/2005	08/24/2005
D0926-13A	SL	08/10/2005	08/11/2005	08/12/2005	08/25/2005
D0926-14A	SL	08/10/2005	08/11/2005	08/12/2005	08/25/2005
D0926-15A	SL	08/10/2005	08/11/2005	08/12/2005	8/24/05,8/25/05
D0926-16A	SL	08/10/2005	08/11/2005	08/12/2005	8/24/05,8/25/05
D0926-17A	SL	08/10/2005	08/11/2005	08/12/2005	8/24/05,8/25/05
D0926-18A	SL	08/10/2005	08/11/2005	08/12/2005	8/24/05,8/25/05

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Sample Preparation and Analyses Summary
Pesticides/PCB Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Date Collected	Date Received by Lab	Date Extracted	Date Analyzed
D0926-19A	SL	08/10/2005	08/11/2005	08/12/2005	8/24/05,8/25/05
D0926-19AMS	SL	08/10/2005	08/11/2005	08/12/2005	08/28/2005
D0926-19AMSD	SL	08/10/2005	08/11/2005	08/12/2005	08/28/2005
D0926-20A	SL	08/10/2005	08/11/2005	08/12/2005	8/24/05, 8/25/05

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Sample Preparation and Analyses Summary
Volatile (VOA) Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Low/Medium Level	Dil/Conc Factor
D0926-01E	SL	ASP	DI Water, Methanol	Low	1
D0926-02E	SL	ASP	DI Water, Methanol	Low, Medium	1
D0926-03E	SL	ASP	DI Water, Methanol	Low, Medium	1
D0926-04C	SL	ASP	DI Water, Methanol	Low	1
D0926-05D	SL	ASP	DI Water, Methanol	Low	1
D0926-06C	SL	ASP	DI Water, Methanol	Low	1
D0926-07C	SL	ASP	DI Water, Methanol	Low	1
D0926-07CMS	SL	ASP	DI Water, Methanol	Low	1
D0926-07CMSD	SL	ASP	DI Water, Methanol	Low	1
D0926-08C	SL	ASP	DI Water, Methanol	Low, Medium	1
D0926-09C	SL	ASP	DI Water, Methanol	Low	1
D0926-10C	SL	ASP	DI Water, Methanol	Low	1
D0926-11C	SL	ASP	DI Water, Methanol	Low, Medium	1
D0926-12C	SL	ASP	DI Water, Methanol	Low	1
D0926-13C	SL	ASP	DI Water, Methanol	Low, Medium	1
D0926-14C	SL	ASP	DI Water, Methanol	Low	1

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Sample Preparation and Analyses Summary
Semivolatile (SVOA) Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
D0926-01A	SL	ASP	3550B	GPC	1
D0926-02A	SL	ASP	3550B	GPC	1, 5
D0926-03A	SL	ASP	3550B	GPC	1
D0926-04A	SL	ASP	3550B	GPC	1
D0926-05A	SL	ASP	3550B	GPC	1
D0926-06A	SL	ASP	3550B	GPC	1
D0926-07A	SL	ASP	3550B	GPC	1, 2
D0926-07AMS	SL	ASP	3550B	GPC	1
D0926-07AMSD	SL	ASP	3550B	GPC	1
D0926-08A	SL	ASP	3550B	GPC	1
D0926-09A	SL	ASP	3550B	GPC	1
D0926-10A	SL	ASP	3550B	GPC	1
D0926-11A	SL	ASP	3550B	GPC	1
D0926-12A	SL	ASP	3550B	GPC	1
D0926-13A	SL	ASP	3550B	GPC	1
D0926-14A	SL	ASP	3550B	GPC	1
D0926-15A	SL	ASP	3550B	GPC	1
D0926-16A	SL	ASP	3550B	GPC	1
D0926-17A	SL	ASP	3550B	GPC	1
D0926-18A	SL	ASP	3550B	GPC	1

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Sample Preparation and Analyses Summary
Semivolatile (SVOA) Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
D0926-19A	SL	ASP	3550B	GPC	1
D0926-19AMS	SL	ASP	3550B	GPC	1
D0926-19AMSD	SL	ASP	3550B	GPC	1
D0926-20A	SL	ASP	3550B	GPC	1

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New York State Department of Environmental Conservation

Sample Preparation and Analyses Summary
Pesticides/PCB Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
D0926-01A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-02A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-03A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-04A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-05A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-06A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-07A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-07AMS	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-07AMSD	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-08A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-09A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-10A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-11A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-12A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-13A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-14A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-15A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-16A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-17A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-18A	SL	ASP	3550B	GPC/Florisil/Sulfur	1

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Sample Preparation and Analyses Summary
Pesticides/PCB Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
D0926-19A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-19AMS	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-19AMSD	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-20A	SL	ASP	3550B	GPC/Florisil/Sulfur	1

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New York State Department of Environmental Conservation

Sample Preparation and Analyses Summary
Inorganic Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Metals Requested	Date Received by Lab	Date Analyzed
D0926-01B	SL	ASP	08/09/2005	8/19/05 - 9/3/05
D0926-02B	SL	ASP	08/09/2005	8/19/05 - 9/3/05
D0926-03B	SL	ASP	08/09/2005	8/19/05 - 9/3/05
D0926-04B	SL	ASP	08/10/2005	8/19/05 - 9/3/05
D0926-05B	SL	ASP	08/10/2005	8/19/05 - 9/3/05
D0926-06B	SL	ASP	08/10/2005	8/19/05 - 9/3/05
D0926-07B	SL	ASP	08/10/2005	8/19/05 - 9/3/05
D0926-07BMS	SL	ASP	08/10/2005	8/19/05 - 9/3/05
D0926-07BMSD	SL	ASP	08/10/2005	8/19/05 - 9/3/05
D0926-08B	SL	ASP	08/10/2005	8/19/05 - 9/3/05
D0926-09B	SL	ASP	08/10/2005	8/19/05 - 9/3/05
D0926-10B	SL	ASP	08/11/2005	8/19/05 - 9/3/05
D0926-11B	SL	ASP	08/11/2005	8/19/05 - 9/3/05
D0926-12B	SL	ASP	08/11/2005	8/19/05 - 9/3/05
D0926-13B	SL	ASP	08/11/2005	8/19/05 - 9/3/05
D0926-14B	SL	ASP	08/11/2005	8/19/05 - 9/3/05
D0926-15B	SL	ASP	08/11/2005	8/19/05 - 9/3/05
D0926-16B	SL	ASP	08/11/2005	8/19/05 - 9/3/05
D0926-17B	SL	ASP	08/11/2005	8/19/05 - 9/3/05
D0926-18B	SL	ASP	08/11/2005	8/19/05 - 9/3/05

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New York State Department of Environmental Conservation

Sample Preparation and Analyses Summary
Inorganic Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Metals Requested	Date Received by Lab	Date Analyzed
D0926-19B	SL	ASP	08/11/2005	8/19/05 - 9/3/05
D0926-19BMS	SL	ASP	08/11/2005	8/19/05 - 9/3/05
D0926-19BMSD	SL	ASP	08/11/2005	8/19/05 - 9/3/05
D0926-20B	SL	ASP	08/11/2005	8/19/05 - 9/3/05

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Analytical Data Package for Ecology & Environment

Client Project No.: Old Troy Landfill

Mitkem Work Order ID: D0926

September 6, 2005

Prepared For:

Ecology & Environment
368 Pleasantview Drive
Lancaster, NY 14086
Attn: Mr. Jon Nickerson

Prepared By:

Mitkem Corporation
175 Metro Center Boulevard
Warwick, RI 02886
(401) 732-3400

SDG Narrative

Mitkem Corporation submits the enclosed data package in response to Ecology & Environment's 93 Main Street project. Under this deliverable, analysis results are presented for twenty soil samples that were received from August 9 through August 11, 2005. Analyses were performed per specifications in the project's contract and the chain of custody forms. Due to the limitations in CLP data reporting software, client sample IDs were shortened. A table of full ID, shortened ID and laboratory ID follows this narrative, along with the Mitkem Work Order.

The analyses were performed and reported per NYSDEC ASP (2000 update) requirement for Category B deliverable with the exception of total organic carbon. The analysis results for total organic carbon are reported in the standard Mitkem format with supporting raw data.

The following observation and/or deviations are observed for the following analyses:

1. Overall observation:

Where needed, manual integrations were performed to improve data quality. The corrections were reviewed and associated hardcopies generated and reported as required. Manual integrations are coded to provide the data reviewer justification for such action. The codes are labeled on the ion chromatogram signal (GC/MS signal) and chromatogram for GC based analysis as follows:

- M1 peak tailing or fronting.
- M2 peak co-elution.
- M3 rising or falling baseline.
- M4 retention time shift.
- M5 miscellaneous – under this category, the justification is explained.

The enclosed report includes the originals of all data with the exception of logbook pages and certain initial calibrations. Photocopies of logbook pages are included, with the originals maintained on file at the laboratory. The originals of initial calibrations that are shared among several cases are maintained on file at the laboratory, with photocopies included in the data package.

2. Volatile Analysis:

Trap used for instruments V1 and V6: OI Analytical #10 trap containing 8 cm each of Tenax, silica gel and carbon molecular sieve.

GC column used: 30 m x 0.25 mm id (1.4 um film thickness) DB-624 capillary column.

The soil samples for volatiles were pre-preserved in the field. The samples were preserved in DI water and 10mL of methanol. The two vials containing DI water were frozen after login. For samples SD03-S-O, SD02-S-O and SD02-S-D, sample labels covered the tare weights on the vials for both the DI water and methanol. The samples were re-collected and received on August 10.

Surrogate recovery: recoveries were within the QC limits with the exception of high recovery of 1,2-dichloroethane-d4 in sample SD05-S-O. The sample was re-analyzed at dilution by the medium-level with surrogate recoveries within the QC limits.

Lab control sample: spike recoveries were within the QC limits.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on sample SD07-S-M. Spike recoveries and replicate RPDs were within the QC limits.

Sample analysis: internal standard area counts were within QC criteria with the exception of samples SD05-S-O, SD11-S-O and SD06-S-ORE. Samples SD05-S-O and SD11-S-O were re-analyzed at dilution by medium-level with all internal standard area counts within QC criteria. Internal standard area counts were within QC criteria in the initial analysis for sample SD06-S-O. The sample was re-analyzed due to potential carryover of acetone. The sample could not be re-analyzed at third time due to insufficient sample volume (only two vials with DI water). Sample SD01-S-O was also re-analyzed due to potential carryover of acetone. The re-analysis had acetone above the instrument calibration range (qualified with an "E"). The medium-level analysis was not analyzed. Due to the high concentration of acetone, the following samples were re-analyzed at dilution by medium-level: SD02-S-O, SD05-S-O, SD08-S-O and SD11-S-O. In the re-analyses at dilution, acetone was present, by methyl acetate was high. No other unusual observation was made for the analysis.

3. Semivolatile Analysis:

GC column: 30 m x 0.25 mm id (0.5 um film thickness) DB-5MS capillary column

Alkanes were determined as part of tentatively identified compounds. The alkanes are reported in the Alkane Narrative Report, following the SDG narrative.

Surrogate recovery: recoveries were within the QC limits with the exception high recovery of 2,4,6-tribromophenol in samples SD01-S-O and SS05-S-O and low recovery of all surrogates in sample SD07-S-MMS. Sample SS05-S-O was re-analyzed with high recovery of 2-fluorobiphenyl and 2,4,6-tribromophenol. The matrix spike and matrix spike duplicate were re-extracted and analyzed with surrogate recoveries within the QC limits.

Lab control sample: spike recoveries were within the QC limits with the exception of marginally high recovery of pentachlorophenol in S4GLCS.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on SD07-S-M and SS11-S-M. Spike recoveries were within the QC limits with the exception of all spike recoveries for the matrix spike for sample SD07-S-M. The matrix spike and matrix spike duplicate for sample SD07-S-M were re-extracted and analyzed with spike recoveries within QC limits except for 2,4-dinitrotoluene in the matrix spike duplicate. Replicate RPDs were within the QC limits for sample SS11-S-M and the re-extract of SD07-S-M. All replicate RPDs were outside of QC limits in the initial extraction of sample SD07-S-M.

Sample analysis: internal standard area counts were within QC criteria with the exception of the following samples: SS05-S-O and SD02-S-O. Sample SS05-S-O was re-analyzed and SD02-S-O re-analyzed at dilution with similar findings. Please note that sample SS05-S-O has a large unresolved area. Sample SS07-S-M and its associated matrix spike and matrix spike duplicate were re-extracted. The re-extract was performed outside of hold time. The initial extractions were performed within hold, but the matrix spike had non-compliant surrogate and spike recoveries. In order to calculate the spike recoveries and replicate RPDs correctly, the native sample and matrix spike duplicate had to be re-extracted. Due to high concentration of target analytes, the following samples were re-analyzed at dilution: SD02-S-O (5x) and SD07-S-M (2x). No other unusual observation was made for the analysis.

4. Pesticides/PCB Analysis:

GC column used: 30 m x 0.53 mm id (0.5 um film thickness) CLPPest and 30 m x 0.53 mm id (0.42 um film thickness) CLPPestII megabore columns

Surrogate recovery: recoveries were within the QC limits with the exception high recovery of decachlorobiphenyl in one column for sample SD02-S-O. This is due to co-elution.

Lab control sample: spike recoveries were within the QC limits. The lab control sample was not extracted with the samples.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on samples SD07-S-M and SS-11-S-M. Spike recoveries and replicate RPDs were within the QC limits.

Sample analysis: the following samples were re-analyzed as the endrin ketone was high in the associated calibration verifications: SS11-S-M, SD07-S-M, SS-02, S-O, SS03-S-O, SS05-S-O, SS10-S-O and SS10-S-D. The initial analysis for sample SD07-S-M is also associated with a non-compliant opening calibration verification. Please note that endrin ketone was not detected in sample SD07-S-M. No other unusual observation was made for the analysis.

5. Metals Analysis:

Mercury was analyzed using a Perkin Elmer Model 100 FIMS cold vapor atomic absorption analyzer. The other elements were analyzed using either a Perkin Elmer Model 3100XL Optima or a Perkin Elmer Model 4300DV ICAP.

Lab control sample: spike recoveries were within the QC limits.

Matrix spike: matrix spike was performed on samples SD07-S-M and SS11-S-M. Spike recoveries were within the QC limits with the exception of antimony, manganese and mercury for sample SD07-S-M and antimony, selenium and mercury for sample SS11-S-M. These elements are flagged with a "N" on the data report forms. A post digest spike was performed and reported for antimony, manganese and selenium.

Matrix duplicate: matrix duplicate was performed on samples SD07-S-M and SS11-S-M. Replicate RPDs were within the QC limits with the exception of aluminum in sample SD07-S-M. Aluminum is qualified with an "*" on the data report forms.

Sample analysis: serial dilution was performed on samples SD07-S-M and SS11-S-M with replicate RPDs within the QC limits with the exception of cadmium in sample SS11-S-M. Cadmium is flagged with an "E" on the data report forms. The preparation blank contained iron and manganese above the CRDL. While iron and manganese were also detected in the samples from this preparation batch, the concentration in the samples exceeded ten times the concentration in the blank. The iron and manganese in the blank does not significantly effect the iron and manganese concentrations in the samples. No other unusual observation was made for the analysis.

6. Cyanide Analysis:

The cyanide samples were prepared using minidistill apparatus by Kontes. The resultant distillates were analyzed using a Lachat QuikChem 8000 autoanalyzer.

Lab control sample: spike recovery was within the QC limits.

Matrix spike: matrix spike was performed on sample SD07-S-M. Spike recovery was within the QC limits.

Matrix duplicate: matrix duplicate was performed on sample SD07-S-M. Replicate RPD was within the QC limits.

Sample analysis: no unusual observation was made for the analysis.

7. Total organic carbon Analysis:

Lab control sample: spike recovery was within the QC limits.

Sample analysis: the results are qualified with an "E". Due to small sample aliquot used (about 10mg), the analysis could not be performed at dilution. No other unusual observation was made for the analysis.

All pages in this report have been numbered consecutively, starting with the title page and ending with a page saying only "Last Page of Data Report".

I certify that this data package is in compliance, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Agnes Ng
CLP Project Manager
09/06/05

ALKANE NARRATIVE REPORT
Report date : 09/01/2005
SDG: MD0926

Client Sample ID: SBLK4D Lab Sample ID: MB-19468 File ID: S4A9427

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.16	730	J
Cyclic Alkane	12.76	84	J

Client Sample ID: SD09-S-O Lab Sample ID: D0926-10A File ID: S4A9430

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.16	1300	JB
Cyclic Alkane	12.76	300	JB
Straight-Chain Alkane	15.94	150	J
Branched Alkane	16.78	400	J
Straight-Chain Alkane	17.57	340	J
Straight-Chain Alkane	18.40	1100	J
Straight-Chain Alkane	19.45	730	J

Client Sample ID: SD04-S-O Lab Sample ID: D0926-14A File ID: S4A9431

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.16	2500	JB
Cyclic Alkane	12.76	510	JB
Straight-Chain Alkane	16.78	440	J
Branched Alkane	17.18	330	J
Straight-Chain Alkane	17.56	1400	J
Straight-Chain Alkane	17.96	790	J
Straight-Chain Alkane	18.40	2800	J
Straight-Chain Alkane	19.45	2500	J
Straight-Chain Alkane	20.87	1600	J

Client Sample ID: SS10-S-D Lab Sample ID: D0926-20A File ID: S4A9432

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.16	850	JB
Cyclic Alkane	12.76	240	JB
Straight-Chain Alkane	15.94	120	J
Straight-Chain Alkane	17.57	320	J
Straight-Chain Alkane	18.40	1900	J
Cyclic Alkane	18.47	650	J
Straight-Chain Alkane	19.45	1500	J
Branched Alkane	20.86	970	J

Client Sample ID: SS11-S-M Lab Sample ID: D0926-19A File ID: S4A9435

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.16	730	JB
Cyclic Alkane	12.76	200	JB
Straight-Chain Alkane	16.78	160	J
Straight-Chain Alkane	17.57	140	J
Branched Alkane	17.96	100	J
Branched Alkane	18.40	460	J
Straight-Chain Alkane	19.45	540	J

Branched Alkane	20.86	430	J

Client Sample ID: SS10-S-O Lab Sample ID: D0926-18A File ID: S4A9436

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.16	920	JB
Cyclic Alkane	12.76	280	JB
Straight-Chain Alkane	15.01	80	J
Straight-Chain Alkane	15.94	120	J
Cyclic Alkane	16.79	470	J
Straight-Chain Alkane	17.18	91	J
Straight-Chain Alkane	17.57	400	J
Branched Alkane	17.96	180	J
Branched Alkane	18.40	2300	J
Straight-Chain Alkane	18.89	130	J
Straight-Chain Alkane	19.45	1900	J
Straight-Chain Alkane	20.86	1000	J

Client Sample ID: SD06-S-O Lab Sample ID: D0926-09A File ID: S4A9438

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.16	1700	JB
Cyclic Alkane	12.76	280	JB
Straight-Chain Alkane	13.98	320	J
Straight-Chain Alkane	15.94	220	J
Straight-Chain Alkane	16.78	1400	J
Straight-Chain Alkane	17.18	150	J
Branched Alkane	17.56	5800	J
Branched Alkane	17.96	290	J
Straight-Chain Alkane	18.40	4000	J
Straight-Chain Alkane	19.45	360	J

Client Sample ID: SS03-S-O Lab Sample ID: D0926-16A File ID: S4A9439

Compound	RT	Est. Conc.	Q
Cyclic Alkane	12.76	300	JB
Straight-Chain Alkane	16.78	190	J
Straight-Chain Alkane	17.57	210	J
Cyclic Alkane	17.60	230	J
Straight-Chain Alkane	18.40	1100	J
Straight-Chain Alkane	18.89	130	J
Straight-Chain Alkane	19.45	1600	J
Straight-Chain Alkane	20.86	760	J

Client Sample ID: SD07-S-M Lab Sample ID: D0926-07A File ID: S4A9441

Compound	RT	Est. Conc.	Q
Cyclic Alkane	12.76	520	JB

Client Sample ID: SD07-S-O Lab Sample ID: D0926-06A File ID: S4A9442

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.17	1600	JB
Cyclic Alkane	12.76	560	JB
Straight-Chain Alkane	17.57	130	J
Straight-Chain Alkane	19.45	230	J

Client Sample ID: SD05-S-O Lab Sample ID: D0926-08A File ID: S4A9446

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.17	2300	JB
Cyclic Alkane	12.76	1000	JB
Branched Alkane	12.84	1400	J
Branched Alkane	13.47	1100	J
Cyclic Alkane	16.79	770	J
Straight-Chain Alkane	17.57	1500	J
Straight-Chain Alkane	18.40	1700	J
Straight-Chain Alkane	19.46	900	J

Client Sample ID: SD03-S-O Lab Sample ID: D0926-01A File ID: S4A9452

Compound	RT	Est. Conc.	Q
Cyclic Alkane	12.76	900	JB
Straight-Chain Alkane	17.57	230	J
Straight-Chain Alkane	18.39	930	J
Straight-Chain Alkane	19.45	320	J

Client Sample ID: SS02-S-O Lab Sample ID: D0926-15A File ID: S4A9453

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.17	880	JB
Cyclic Alkane	12.76	330	JB
Straight-Chain Alkane	17.57	220	J
Cyclic Alkane	17.62	150	J
Straight-Chain Alkane	18.40	630	J
Straight-Chain Alkane	19.46	730	J
Straight-Chain Alkane	20.10	390	J
Straight-Chain Alkane	20.87	650	J

Client Sample ID: SD08-S-O Lab Sample ID: D0926-11A File ID: S4A9454

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.17	2300	JB
Straight-Chain Alkane	16.79	1600	J
Straight-Chain Alkane	18.40	4400	J
Straight-Chain Alkane	19.45	910	J

Client Sample ID: SD07-S-MDL Lab Sample ID: D0926-07ADL File ID: S4A94

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.17	1600	JBD
Cyclic Alkane	12.76	660	JBD

Client Sample ID: SD11-S-O Lab Sample ID: D0926-13A File ID: S4A9456

Compound	RT	Est. Conc.	Q
Straight-Chain Alkane	12.81	2200	J
Straight-Chain Alkane	15.94	1000	J
Branched Alkane	17.18	1200	J
Straight-Chain Alkane	17.58	38000	J

Straight-Chain Alkane	17.96	1700	J
Straight-Chain Alkane	18.41	32000	J
Straight-Chain Alkane	18.89	1100	J
Cyclic Alkane	19.27	4500	J
Straight-Chain Alkane	19.46	4300	J

Client Sample ID: SD10-S-O Lab Sample ID: D0926-12A File ID: S4A9457

Compound	RT	Est. Conc.	Q
Cyclic Alkane	12.76	1000	JB
Branched Alkane	15.94	180	J
Straight-Chain Alkane	16.36	200	J
Cyclic Alkane	16.79	1400	J
Straight-Chain Alkane	17.97	430	J
Branched Alkane	18.41	3400	J
Branched Alkane	19.46	1300	J

Client Sample ID: SD01-S-O Lab Sample ID: D0926-05A File ID: S4A9458

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.17	3300	JB
Branched Alkane	15.02	480	J
Straight-Chain Alkane	15.94	990	J
Straight-Chain Alkane	16.37	360	J
Straight-Chain Alkane	16.79	1900	J
Branched Alkane	17.18	440	J
Straight-Chain Alkane	17.58	2500	J
Branched Alkane	18.41	5300	J
Cyclic Alkane	18.47	1300	J
Straight-Chain Alkane	19.47	4900	J
Branched Alkane	20.89	4500	J

Client Sample ID: SD12-S-O Lab Sample ID: D0926-04A File ID: S4A9459

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.17	2300	JB
Straight-Chain Alkane	16.79	280	J
Straight-Chain Alkane	17.97	410	J
Branched Alkane	18.41	1100	J
Branched Alkane	19.47	670	J

Client Sample ID: SS05-S-O Lab Sample ID: D0926-17A File ID: S4A9460

Compound	RT	Est. Conc.	Q
Branched Alkane	11.17	950	J
Branched Alkane	19.48	1300	J

Client Sample ID: SD02-S-D Lab Sample ID: D0926-03A File ID: S4A9461

Compound	RT	Est. Conc.	Q
Cyclic Alkane	12.77	670	JB
Straight-Chain Alkane	12.82	390	J
Straight-Chain Alkane	17.59	2800	J
Branched Alkane	19.48	1400	J

Client Sample ID: SD02-S-O Lab Sample ID: D0926-02A File ID: S4A9462

Compound	RT	Est. Conc.	Q
Branched Alkane	16.80	1700	J
Straight-Chain Alkane	17.59	2900	J
Straight-Chain Alkane	19.48	3600	J

Client Sample ID: SS05-S-ORE Lab Sample ID: D0926-17ARE File ID: S4A94

Compound	RT	Est. Conc.	Q
Cyclic Alkane	12.77	570	JB
Straight-Chain Alkane	17.59	250	J
Straight-Chain Alkane	19.49	1500	J

Client Sample ID: SD02-S-ODL Lab Sample ID: D0926-02ADL File ID: S4A94

Compound	RT	Est. Conc.	Q
Branched Alkane	17.58	6400	JD

Client Sample ID: SBLK4G Lab Sample ID: MB-19676 File ID: S4A9522

Compound	RT	Est. Conc.	Q
Cyclic Alkane	12.53	160	J

Client Sample ID: SD07-S-MRE Lab Sample ID: D0926-07ARE File ID: S4A95

Compound	RT	Est. Conc.	Q
Branched Alkane	11.02	730	J
Straight-Chain Alkane	14.79	140	J
Straight-Chain Alkane	16.56	330	J
Branched Alkane	18.12	1300	J
Straight-Chain Alkane	19.10	860	J

*Mitkem and Client Sample ID Summary Report**

Mitkem Workorder: D0926

Client Name: Ecology and Environm

Mitkem Sample ID	*Reported Client Sample ID*	*Full Client Sample ID*
D0926-01A	SD03-S-O	OTMI-SD03-S-O
D0926-01B	SD03-S-O	OTMI-SD03-S-O
D0926-01C	SD03-S-O	OTMI-SD03-S-O
D0926-01D	SD03-S-O	OTMI-SD03-S-O
D0926-01E	SD03-S-O	OTMI-SD03-S-O
D0926-01F	SD03-S-O	OTMI-SD03-S-O
D0926-02A	SD02-S-O	OTMI-SD02-S-O
D0926-02B	SD02-S-O	OTMI-SD02-S-O
D0926-02C	SD02-S-O	OTMI-SD02-S-O
D0926-02D	SD02-S-O	OTMI-SD02-S-O
D0926-02E	SD02-S-O	OTMI-SD02-S-O
D0926-02F	SD02-S-O	OTMI-SD02-S-O
D0926-03A	SD02-S-D	OTMI-SD02-S-D
D0926-03B	SD02-S-D	OTMI-SD02-S-D
D0926-03C	SD02-S-D	OTMI-SD02-S-D
D0926-03D	SD02-S-D	OTMI-SD02-S-D
D0926-03E	SD02-S-D	OTMI-SD02-S-D
D0926-03F	SD02-S-D	OTMI-SD02-S-D
D0926-04A	SD12-S-O	OTMI-SD12-S-O
D0926-04B	SD12-S-O	OTMI-SD12-S-O
D0926-04C	SD12-S-O	OTMI-SD12-S-O
D0926-04D	SD12-S-O	OTMI-SD12-S-O
D0926-05A	SD01-S-O	OTMI-SD01-S-O
D0926-05B	SD01-S-O	OTMI-SD01-S-O
D0926-05C	SD01-S-O	OTMI-SD01-S-O
D0926-05D	SD01-S-O	OTMI-SD01-S-O
D0926-06A	SD07-S-O	OTMI-SD07-S-O
D0926-06B	SD07-S-O	OTMI-SD07-S-O
D0926-06C	SD07-S-O	OTMI-SD07-S-O
D0926-06D	SD07-S-O	OTMI-SD07-S-O
D0926-07A	SD07-S-M	OTMI-SD07-S-M
D0926-07B	SD07-S-M	OTMI-SD07-S-M
D0926-07C	SD07-S-M	OTMI-SD07-S-M
D0926-07D	SD07-S-M	OTMI-SD07-S-M
D0926-08A	SD05-S-O	OTMI-SD05-S-O
D0926-08B	SD05-S-O	OTMI-SD05-S-O
D0926-08C	SD05-S-O	OTMI-SD05-S-O
D0926-08D	SD05-S-O	OTMI-SD05-S-O
D0926-09A	SD06-S-O	OTMI-SD06-S-O
D0926-09B	SD06-S-O	OTMI-SD06-S-O

**** If client sample ID has not been truncated, the full client sample ID is listed in the column labeled "Reported Client Sample ID"***

Mitkem Sample ID	*Reported Client Sample ID*	*Full Client Sample ID*
D0926-09C	SD06-S-O	OTMI-SD06-S-O
D0926-09D	SD06-S-O	OTMI-SD06-S-O
D0926-10A	SD09-S-O	OTMI-SD09-S-O
D0926-10B	SD09-S-O	OTMI-SD09-S-O
D0926-10C	SD09-S-O	OTMI-SD09-S-O
D0926-10D	SD09-S-O	OTMI-SD09-S-O
D0926-11A	SD08-S-O	OTMI-SD08-S-O
D0926-11B	SD08-S-O	OTMI-SD08-S-O
D0926-11C	SD08-S-O	OTMI-SD08-S-O
D0926-11D	SD08-S-O	OTMI-SD08-S-O
D0926-12A	SD10-S-O	OTMI-SD10-S-O
D0926-12B	SD10-S-O	OTMI-SD10-S-O
D0926-12C	SD10-S-O	OTMI-SD10-S-O
D0926-12D	SD10-S-O	OTMI-SD10-S-O
D0926-13A	SD11-S-O	OTMI-SD11-S-O
D0926-13B	SD11-S-O	OTMI-SD11-S-O
D0926-13C	SD11-S-O	OTMI-SD11-S-O
D0926-13D	SD11-S-O	OTMI-SD11-S-O
D0926-14A	SD04-S-O	OTMI-SD04-S-O
D0926-14B	SD04-S-O	OTMI-SD04-S-O
D0926-14C	SD04-S-O	OTMI-SD04-S-O
D0926-14D	SD04-S-O	OTMI-SD04-S-O
D0926-15A	SS02-S-O	OTMI-SS02-S-O
D0926-15B	SS02-S-O	OTMI-SS02-S-O
D0926-16A	SS03-S-O	OTMI-SS03-S-O
D0926-16B	SS03-S-O	OTMI-SS03-S-O
D0926-17A	SS05-S-O	OTMI-SS05-S-O
D0926-17B	SS05-S-O	OTMI-SS05-S-O
D0926-18A	SS10-S-O	OTMI-SS10-S-O
D0926-18B	SS10-S-O	OTMI-SS10-S-O
D0926-19A	SS11-S-M	OTMI-SS11-S-M
D0926-19B	SS11-S-M	OTMI-SS11-S-M
D0926-20A	SS10-S-D	OTMI-SS10-S-D
D0926-20B	SS10-S-D	OTMI-SS10-S-D

** If client sample ID has not been truncated, the full client sample ID is listed in the column labeled "Reported Client Sample ID"*

Mitkem Corporation

22/Aug/05 11:25

WorkOrder: D0926

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-01A	SD03-S-O	08/08/05 18:12	08/09/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist	ILM5.3	☐	☐	☐	A5
D0926-01B	SD03-S-O	08/08/05 18:12	08/09/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-01C	SD03-S-O	08/08/05 18:12	08/09/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☑	☐	☐	VOA
D0926-01D	SD03-S-O	08/08/05 18:12	08/09/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☑	☐	☐	VOA
D0926-01E	SD03-S-O	08/09/05 11:55	08/10/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-01F	SD03-S-O	08/09/05 11:55	08/10/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☑	☐	☐	VOA
D0926-02A	SD02-S-O	08/08/05 16:22	08/09/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5

Client Rep: Benjamin F Dodge

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-02A	SD02-S-O	08/08/05 16:22	08/09/05	Soil	OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-02B	SD02-S-O	08/08/05 16:22	08/09/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-02C	SD02-S-O	08/08/05 16:22	08/09/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☑	☐	☐	VOA
D0926-02D	SD02-S-O	08/08/05 16:22	08/09/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-02E	SD02-S-O	08/09/05 11:43	08/10/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-02F	SD02-S-O	08/09/05 11:43	08/10/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-03A	SD02-S-D	08/08/05 16:22	08/09/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5

Client Rep: Benjamin F Dodge

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-03A	SD02-S-D	08/08/05 16:22	08/09/05	Soil	OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-03B	SD02-S-D	08/08/05 16:22	08/09/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-03C	SD02-S-D	08/08/05 16:22	08/09/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☑	☐	☐	VOA
D0926-03D	SD02-S-D	08/08/05 16:22	08/09/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-03E	SD02-S-D	08/09/05 11:43	08/10/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-03F	SD02-S-D	08/09/05 11:43	08/10/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-04A	SD12-S-O	08/09/05 08:46	08/10/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5

Client Rep: Benjamin F Dodge

0016

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
D0926-04A	SD12-S-O	08/09/05 08:46	08/10/05	Soil	PMoist		☐	☐	☐	A5
D0926-04B	SD12-S-O	08/09/05 08:46	08/10/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-04C	SD12-S-O	08/09/05 08:46	08/10/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-04D	SD12-S-O	08/09/05 08:46	08/10/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☑	☐	☐	VOA
D0926-05A	SD01-S-O	08/09/05 17:27	08/10/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-05B	SD01-S-O	08/09/05 17:27	08/10/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5

Client Rep: Benjamin F Dodge

0017

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-05B	SD01-S-O	08/09/05 17:27	08/10/05	Soil	ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-05C	SD01-S-O	08/09/05 17:27	08/10/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-05D	SD01-S-O	08/09/05 17:27	08/10/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☑	☐	☐	VOA
D0926-06A	SD07-S-O	08/09/05 10:00	08/10/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-06B	SD07-S-O	08/09/05 10:00	08/10/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-06C	SD07-S-O	08/09/05 10:00	08/10/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-06D	SD07-S-O	08/09/05 10:00	08/10/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☑	☐	☐	VOA

Client Rep: Benjamin F Dodge

00188

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-07A	SD07-S-M	08/09/05 10:00	08/10/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☑	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☑	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☑	☐	A5
					PMoist		☐	☐	☐	A5
D0926-07B	SD07-S-M	08/09/05 10:00	08/10/05	Soil	E415_LK_TOC_S		☐	☑	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☑	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☑	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☑	☑	A5
D0926-07C	SD07-S-M	08/09/05 10:00	08/10/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☑	☐	VOA
D0926-07D	SD07-S-M	08/09/05 10:00	08/10/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☑	☑	☐	VOA
D0926-08A	SD05-S-O	08/09/05 12:34	08/10/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5

Client Rep: Benjamin F Dodge

0019

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-08B	SD05-S-O	08/09/05 12:34	08/10/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-08C	SD05-S-O	08/09/05 12:34	08/10/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-08D	SD05-S-O	08/09/05 12:34	08/10/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-09A	SD06-S-O	08/09/05 13:57	08/10/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-09B	SD06-S-O	08/09/05 13:57	08/10/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5

Client Rep: Benjamin F Dodge

0020

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-09C	SD06-S-O	08/09/05 13:57	08/10/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-09D	SD06-S-O	08/09/05 13:57	08/10/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☑	☐	☐	VOA
D0926-10A	SD09-S-O	08/10/05 08:00	08/11/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-10B	SD09-S-O	08/10/05 08:00	08/11/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-10C	SD09-S-O	08/10/05 08:00	08/11/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-10D	SD09-S-O	08/10/05 08:00	08/11/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☑	☐	☐	VOA

Client Rep: Benjamin F Dodge

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-11A	SD08-S-O	08/10/05 08:24	08/11/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-11B	SD08-S-O	08/10/05 08:24	08/11/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-11C	SD08-S-O	08/10/05 08:24	08/11/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-11D	SD08-S-O	08/10/05 08:24	08/11/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-12A	SD10-S-O	08/10/05 08:44	08/11/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5

Client Rep: Benjamin F Dodge

0022

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-12B	SD10-S-O	08/10/05 08:44	08/11/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-12C	SD10-S-O	08/10/05 08:44	08/11/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-12D	SD10-S-O	08/10/05 08:44	08/11/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☑	☐	☐	VOA
D0926-13A	SD11-S-O	08/10/05 10:47	08/11/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-13B	SD11-S-O	08/10/05 10:47	08/11/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5

Client Rep: Benjamin F Dodge

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-13C	SD11-S-O	08/10/05 10:47	08/11/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-13D	SD11-S-O	08/10/05 10:47	08/11/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-14A	SD04-S-O	08/10/05 12:14	08/11/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-14B	SD04-S-O	08/10/05 12:14	08/11/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-14C	SD04-S-O	08/10/05 12:14	08/11/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-14D	SD04-S-O	08/10/05 12:14	08/11/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☑	☐	☐	VOA
D0926-15A	SS02-S-O	08/10/05 17:48	08/11/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5

Client Rep: Benjamin F Dodge

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
D0926-15A	SS02-S-O	08/10/05 17:48	08/11/05	Soil	OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-15B	SS02-S-O	08/10/05 17:48	08/11/05	Soil	ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-16A	SS03-S-O	08/10/05 17:32	08/11/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-16B	SS03-S-O	08/10/05 17:32	08/11/05	Soil	ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-17A	SS05-S-O	08/10/05 17:09	08/11/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5

Client Rep: Benjamin F Dodge

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-17A	SS05-S-O	08/10/05 17:09	08/11/05	Soil	OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-17B	SS05-S-O	08/10/05 17:09	08/11/05	Soil	ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-18A	SS10-S-O	08/10/05 16:53	08/11/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-18B	SS10-S-O	08/10/05 16:53	08/11/05	Soil	ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-19A	SS11-S-M	08/10/05 16:32	08/11/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☑	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☑	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☑	☐	A5

Client Rep: Benjamin F Dodge

0026

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-19A	SS11-S-M	08/10/05 16:32	08/11/05	Soil	PMoist		☐	☐	☐	A5
D0926-19B	SS11-S-M	08/10/05 16:32	08/11/05	Soil	ILM5.3_CN_S	ILM5.3	☐	☑	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☑	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☑	☑	A5
D0926-20A	SS10-S-D	08/10/05 16:53	08/11/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-20B	SS10-S-D	08/10/05 16:53	08/11/05	Soil	ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5

Client Rep: Benjamin F Dodge

0027

Mitkem Corporation

Date: 08/25/2005

TAL ORGANIC CARBON by Combust
E415_LK_TOC_S

Client:	Ecology and Environment	**Lab Order:**	D0926
Project:	Old Troy Landfill	**Date Received:**	08/11/2005
Units:	mg/Kg	**Matrix:**	Soil
Analyte:	Organic Carbon, Total	**Analyst:**	kbadura

Laboratory ID	Client Sample ID	Results	Qual	RL	DF	Date Analyzed	Batch ID
D0926-01B	SD03-S-O	44000	E	100	1	08/22/2005	19602
D0926-02B	SD02-S-O	58000	E	100	1	08/22/2005	19602
D0926-03B	SD02-S-D	51000	E	100	1	08/22/2005	19602
D0926-04B	SD12-S-O	21000	E	100	1	08/22/2005	19602
D0926-05B	SD01-S-O	39000	E	100	1	08/22/2005	19602
D0926-06B	SD07-S-O	41000	E	100	1	08/22/2005	19602
D0926-07B	SD07-S-M	35000	E	100	1	08/22/2005	19602
D0926-08B	SD05-S-O	34000	E	100	1	08/22/2005	19602
D0926-09B	SD06-S-O	20000	E	100	1	08/22/2005	19602
D0926-10B	SD09-S-O	32000	E	100	1	08/22/2005	19602
D0926-11B	SD08-S-O	39000	E	100	1	08/22/2005	19602
D0926-12B	SD10-S-O	28000	E	100	1	08/22/2005	19602
D0926-13B	SD11-S-O	51000	E	100	1	08/22/2005	19602
D0926-14B	SD04-S-O	29000	E	100	1	08/22/2005	19602

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

DF - Dilution Factor

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

RL - Reporting Limit

Mitkem Corporation

Date: *25-Aug-05*

CLIENT: Ecology and Environment
Work Order: D0926
Project: Old Troy Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: E415_LK_TOC_S

Sample ID	MB-19602	SampType:	MBLK	TestCode:	E415_LK_TOC_S	Prep Date:	08/22/2005	Run ID:	TOC1_050822A
Client ID:	MB-19602	Batch ID:	19602	Units:	mg/Kg	Analysis Date:	08/22/2005	SeqNo:	381783

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	ND	100									

Sample ID	LCS-19602	SampType:	LCS	TestCode:	E415_LK_TOC_S	Prep Date:	08/22/2005	Run ID:	TOC1_050822A
Client ID:	LCS-19602	Batch ID:	19602	Units:	mg/Kg	Analysis Date:	08/22/2005	SeqNo:	381784

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	899.4	100	1000	0	89.9	50	150	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD01-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-05C

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1G9602

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 72 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	34	U
74-87-3	Chloromethane	34	U
75-01-4	Vinyl Chloride	34	U
74-83-9	Bromomethane	34	U
75-00-3	Chloroethane	34	U
75-69-4	Trichlorofluoromethane	34	U
75-35-4	1,1-Dichloroethene	34	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	34	U
67-64-1	Acetone	570	
75-15-0	Carbon Disulfide	9	J
79-20-9	Methyl Acetate	34	U
75-09-2	Methylene Chloride	150	
156-60-5	trans-1,2-Dichloroethene	34	U
1634-04-4	Methyl tert-Butyl Ether	34	U
75-34-3	1,1-Dichloroethane	34	U
156-59-2	cis-1,2-Dichloroethene	34	U
78-93-3	2-Butanone	150	
67-66-3	Chloroform	8	J
71-55-6	1,1,1-Trichloroethane	34	U
110-82-7	Cyclohexane	34	U
56-23-5	Carbon Tetrachloride	34	U
71-43-2	Benzene	34	U
107-06-2	1,2-Dichloroethane	34	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD01-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-05C

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1G9602

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 72 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	34	U
108-87-2	Methylcyclohexane	34	U
78-87-5	1,2-Dichloropropane	34	U
75-27-4	Bromodichloromethane	34	U
10061-01-5	cis-1,3-Dichloropropene	34	U
108-10-1	4-Methyl-2-Pentanone	34	U
108-88-3	Toluene	34	U
10061-02-6	trans-1,3-Dichloropropene	34	U
79-00-5	1,1,2-Trichloroethane	34	U
127-18-4	Tetrachloroethene	12	J
591-78-6	2-Hexanone	34	U
124-48-1	Dibromochloromethane	34	U
106-93-4	1,2-Dibromoethane	34	U
108-90-7	Chlorobenzene	34	U
100-41-4	Ethylbenzene	34	U
1330-20-7	Xylene (Total)	34	U
100-42-5	Styrene	34	U
75-25-2	Bromoform	34	U
98-82-8	Isopropylbenzene	34	U
79-34-5	1,1,2,2-Tetrachloroethane	34	U
541-73-1	1,3-Dichlorobenzene	34	U
106-46-7	1,4-Dichlorobenzene	34	U
95-50-1	1,2-Dichlorobenzene	34	U
96-12-8	1,2-Dibromo-3-chloropropane	34	U
120-82-1	1,2,4-Trichlorobenzene	34	U

1F

EPA SAMPLE NO.

SD01-S-O

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-05C

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1G9602

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 72 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.13	36	J
2.	75-18-3	DIMETHYL SULFIDE	3.73	38	NJ
3.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.26	70	NJ
4.					
5.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD01-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-05CRE

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1G9643

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 72 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	34	U
74-87-3	Chloromethane	34	U
75-01-4	Vinyl Chloride	34	U
74-83-9	Bromomethane	34	U
75-00-3	Chloroethane	34	U
75-69-4	Trichlorofluoromethane	34	U
75-35-4	1,1-Dichloroethene	34	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	34	U
67-64-1	Acetone	1100	E
75-15-0	Carbon Disulfide	13	J
79-20-9	Methyl Acetate	34	U
75-09-2	Methylene Chloride	130	
156-60-5	trans-1,2-Dichloroethene	34	U
1634-04-4	Methyl tert-Butyl Ether	34	U
75-34-3	1,1-Dichloroethane	34	U
156-59-2	cis-1,2-Dichloroethene	34	U
78-93-3	2-Butanone	310	
67-66-3	Chloroform	5	JB
71-55-6	1,1,1-Trichloroethane	34	U
110-82-7	Cyclohexane	34	U
56-23-5	Carbon Tetrachloride	34	U
71-43-2	Benzene	34	U
107-06-2	1,2-Dichloroethane	34	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD01-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-05CRE

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1G9643

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 72 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	34	U
108-87-2	Methylcyclohexane	34	U
78-87-5	1,2-Dichloropropane	34	U
75-27-4	Bromodichloromethane	34	U
10061-01-5	cis-1,3-Dichloropropene	34	U
108-10-1	4-Methyl-2-Pentanone	34	U
108-88-3	Toluene	34	U
10061-02-6	trans-1,3-Dichloropropene	34	U
79-00-5	1,1,2-Trichloroethane	34	U
127-18-4	Tetrachloroethene	34	U
591-78-6	2-Hexanone	34	U
124-48-1	Dibromochloromethane	34	U
106-93-4	1,2-Dibromoethane	34	U
108-90-7	Chlorobenzene	34	U
100-41-4	Ethylbenzene	34	U
1330-20-7	Xylene (Total)	34	U
100-42-5	Styrene	34	U
75-25-2	Bromoform	34	U
98-82-8	Isopropylbenzene	34	U
79-34-5	1,1,2,2-Tetrachloroethane	34	U
541-73-1	1,3-Dichlorobenzene	34	U
106-46-7	1,4-Dichlorobenzene	34	U
95-50-1	1,2-Dichlorobenzene	34	U
96-12-8	1,2-Dibromo-3-chloropropane	34	U
120-82-1	1,2,4-Trichlorobenzene	34	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD01-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-05CRE

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1G9643

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 72 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.73	47	J
2.		UNKNOWN	12.26	28	J
3.					
4.					
5.					
6.					
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-03E

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V1G9600

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 78 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	43	U
74-87-3	Chloromethane	43	U
75-01-4	Vinyl Chloride	43	U
74-83-9	Bromomethane	43	U
75-00-3	Chloroethane	43	U
75-69-4	Trichlorofluoromethane	43	U
75-35-4	1,1-Dichloroethene	43	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	43	U
67-64-1	Acetone	1400	E
75-15-0	Carbon Disulfide	29	J
79-20-9	Methyl Acetate	43	U
75-09-2	Methylene Chloride	240	
156-60-5	trans-1,2-Dichloroethene	43	U
1634-04-4	Methyl tert-Butyl Ether	43	U
75-34-3	1,1-Dichloroethane	43	U
156-59-2	cis-1,2-Dichloroethene	43	U
78-93-3	2-Butanone	610	
67-66-3	Chloroform	43	U
71-55-6	1,1,1-Trichloroethane	43	U
110-82-7	Cyclohexane	43	U
56-23-5	Carbon Tetrachloride	43	U
71-43-2	Benzene	43	U
107-06-2	1,2-Dichloroethane	43	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-03E

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V1G9600

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 78 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	43	U
108-87-2	Methylcyclohexane	43	U
78-87-5	1,2-Dichloropropane	43	U
75-27-4	Bromodichloromethane	43	U
10061-01-5	cis-1,3-Dichloropropene	43	U
108-10-1	4-Methyl-2-Pentanone	43	U
108-88-3	Toluene	43	U
10061-02-6	trans-1,3-Dichloropropene	43	U
79-00-5	1,1,2-Trichloroethane	43	U
127-18-4	Tetrachloroethene	11	J
591-78-6	2-Hexanone	43	U
124-48-1	Dibromochloromethane	43	U
106-93-4	1,2-Dibromoethane	43	U
108-90-7	Chlorobenzene	43	U
100-41-4	Ethylbenzene	43	U
1330-20-7	Xylene (Total)	43	U
100-42-5	Styrene	43	U
75-25-2	Bromoform	43	U
98-82-8	Isopropylbenzene	43	U
79-34-5	1,1,2,2-Tetrachloroethane	43	U
541-73-1	1,3-Dichlorobenzene	43	U
106-46-7	1,4-Dichlorobenzene	43	U
95-50-1	1,2-Dichlorobenzene	43	U
96-12-8	1,2-Dibromo-3-chloropropane	43	U
120-82-1	1,2,4-Trichlorobenzene	43	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD02-S-D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-03E

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V1G9600

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 78 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	2.20	32	J
2.		UNKNOWN	2.52	22	J
3.		UNKNOWN	11.69	24	J
4.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.26	99	NJ
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-DDL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-03F

Sample wt/vol: 4.5 (g/mL) G Lab File ID: V6D7848

Level: (low/med) MED Date Received: 08/10/05

% Moisture: not dec. 78 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	6800	U
74-87-3	Chloromethane	6800	U
75-01-4	Vinyl Chloride	6800	U
74-83-9	Bromomethane	6800	U
75-00-3	Chloroethane	6800	U
75-69-4	Trichlorofluoromethane	6800	U
75-35-4	1,1-Dichloroethene	6800	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6800	U
67-64-1	Acetone	3600	DJ
75-15-0	Carbon Disulfide	6800	U
79-20-9	Methyl Acetate	11000	D
75-09-2	Methylene Chloride	3600	DJ
156-60-5	trans-1,2-Dichloroethene	6800	U
1634-04-4	Methyl tert-Butyl Ether	6800	U
75-34-3	1,1-Dichloroethane	6800	U
156-59-2	cis-1,2-Dichloroethene	6800	U
78-93-3	2-Butanone	6800	U
67-66-3	Chloroform	6800	U
71-55-6	1,1,1-Trichloroethane	6800	U
110-82-7	Cyclohexane	6800	U
56-23-5	Carbon Tetrachloride	6800	U
71-43-2	Benzene	6800	U
107-06-2	1,2-Dichloroethane	6800	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-DDL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-03F

Sample wt/vol: 4.5 (g/mL) G Lab File ID: V6D7848

Level: (low/med) MED Date Received: 08/10/05

% Moisture: not dec. 78 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	6800	U
108-87-2	Methylcyclohexane	6800	U
78-87-5	1,2-Dichloropropane	6800	U
75-27-4	Bromodichloromethane	6800	U
10061-01-5	cis-1,3-Dichloropropene	6800	U
108-10-1	4-Methyl-2-Pentanone	6800	U
108-88-3	Toluene	6800	U
10061-02-6	trans-1,3-Dichloropropene	6800	U
79-00-5	1,1,2-Trichloroethane	6800	U
127-18-4	Tetrachloroethene	6800	U
591-78-6	2-Hexanone	6800	U
124-48-1	Dibromochloromethane	6800	U
106-93-4	1,2-Dibromoethane	6800	U
108-90-7	Chlorobenzene	6800	U
100-41-4	Ethylbenzene	6800	U
1330-20-7	Xylene (Total)	6800	U
100-42-5	Styrene	6800	U
75-25-2	Bromoform	6800	U
98-82-8	Isopropylbenzene	6800	U
79-34-5	1,1,2,2-Tetrachloroethane	6800	U
541-73-1	1,3-Dichlorobenzene	6800	U
106-46-7	1,4-Dichlorobenzene	6800	U
95-50-1	1,2-Dichlorobenzene	6800	U
96-12-8	1,2-Dibromo-3-chloropropane	6800	U
120-82-1	1,2,4-Trichlorobenzene	6800	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD02-S-DDL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-03F

Sample wt/vol: 4.5 (g/mL) G Lab File ID: V6D7848

Level: (low/med) MED Date Received: 08/10/05

% Moisture: not dec. 78 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
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16.					
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22.					
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24.					
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27.					
28.					
29.					
30.					

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02E

Sample wt/vol: 5.6 (g/mL) G Lab File ID: V1G9599

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 79 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	43	U
74-87-3	Chloromethane	43	U
75-01-4	Vinyl Chloride	43	U
74-83-9	Bromomethane	43	U
75-00-3	Chloroethane	43	U
75-69-4	Trichlorofluoromethane	43	U
75-35-4	1,1-Dichloroethene	43	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	43	U
67-64-1	Acetone	1400	E
75-15-0	Carbon Disulfide	27	J
79-20-9	Methyl Acetate	43	U
75-09-2	Methylene Chloride	180	
156-60-5	trans-1,2-Dichloroethene	43	U
1634-04-4	Methyl tert-Butyl Ether	43	U
75-34-3	1,1-Dichloroethane	43	U
156-59-2	cis-1,2-Dichloroethene	43	U
78-93-3	2-Butanone	610	
67-66-3	Chloroform	43	U
71-55-6	1,1,1-Trichloroethane	43	U
110-82-7	Cyclohexane	43	U
56-23-5	Carbon Tetrachloride	43	U
71-43-2	Benzene	43	U
107-06-2	1,2-Dichloroethane	43	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02E

Sample wt/vol: 5.6 (g/mL) G Lab File ID: V1G9599

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 79 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	43	U
108-87-2	Methylcyclohexane	43	U
78-87-5	1,2-Dichloropropane	43	U
75-27-4	Bromodichloromethane	43	U
10061-01-5	cis-1,3-Dichloropropene	43	U
108-10-1	4-Methyl-2-Pentanone	43	U
108-88-3	Toluene	43	U
10061-02-6	trans-1,3-Dichloropropene	43	U
79-00-5	1,1,2-Trichloroethane	43	U
127-18-4	Tetrachloroethene	11	J
591-78-6	2-Hexanone	43	U
124-48-1	Dibromochloromethane	43	U
106-93-4	1,2-Dibromoethane	43	U
108-90-7	Chlorobenzene	43	U
100-41-4	Ethylbenzene	43	U
1330-20-7	Xylene (Total)	43	U
100-42-5	Styrene	43	U
75-25-2	Bromoform	43	U
98-82-8	Isopropylbenzene	43	U
79-34-5	1,1,2,2-Tetrachloroethane	43	U
541-73-1	1,3-Dichlorobenzene	43	U
106-46-7	1,4-Dichlorobenzene	43	U
95-50-1	1,2-Dichlorobenzene	43	U
96-12-8	1,2-Dibromo-3-chloropropane	43	U
120-82-1	1,2,4-Trichlorobenzene	43	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD02-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02E

Sample wt/vol: 5.6 (g/mL) G Lab File ID: V1G9599

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 79 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	2.20	39	J
2.		UNKNOWN	2.33	28	J
3.		UNKNOWN	3.15	33	J
4.		UNKNOWN	11.68	22	J
5.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.26	120	NJ
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
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16.					
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22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02F

Sample wt/vol: 4.0 (g/mL) G Lab File ID: V6D7847

Level: (low/med) MED Date Received: 08/10/05

% Moisture: not dec. 79 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	7800	U
74-87-3	Chloromethane	7800	U
75-01-4	Vinyl Chloride	7800	U
74-83-9	Bromomethane	7800	U
75-00-3	Chloroethane	7800	U
75-69-4	Trichlorofluoromethane	7800	U
75-35-4	1,1-Dichloroethene	7800	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7800	U
67-64-1	Acetone	3100	DJ
75-15-0	Carbon Disulfide	7800	U
79-20-9	Methyl Acetate	13000	D
75-09-2	Methylene Chloride	4900	DJ
156-60-5	trans-1,2-Dichloroethene	7800	U
1634-04-4	Methyl tert-Butyl Ether	7800	U
75-34-3	1,1-Dichloroethane	7800	U
156-59-2	cis-1,2-Dichloroethene	7800	U
78-93-3	2-Butanone	7800	U
67-66-3	Chloroform	7800	U
71-55-6	1,1,1-Trichloroethane	7800	U
110-82-7	Cyclohexane	7800	U
56-23-5	Carbon Tetrachloride	7800	U
71-43-2	Benzene	7800	U
107-06-2	1,2-Dichloroethane	7800	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02F

Sample wt/vol: 4.0 (g/mL) G Lab File ID: V6D7847

Level: (low/med) MED Date Received: 08/10/05

% Moisture: not dec. 79 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	7800	U
108-87-2	Methylcyclohexane	7800	U
78-87-5	1,2-Dichloropropane	7800	U
75-27-4	Bromodichloromethane	7800	U
10061-01-5	cis-1,3-Dichloropropene	7800	U
108-10-1	4-Methyl-2-Pentanone	7800	U
108-88-3	Toluene	7800	U
10061-02-6	trans-1,3-Dichloropropene	7800	U
79-00-5	1,1,2-Trichloroethane	7800	U
127-18-4	Tetrachloroethene	7800	U
591-78-6	2-Hexanone	7800	U
124-48-1	Dibromochloromethane	7800	U
106-93-4	1,2-Dibromoethane	7800	U
108-90-7	Chlorobenzene	7800	U
100-41-4	Ethylbenzene	7800	U
1330-20-7	Xylene (Total)	7800	U
100-42-5	Styrene	7800	U
75-25-2	Bromoform	7800	U
98-82-8	Isopropylbenzene	7800	U
79-34-5	1,1,2,2-Tetrachloroethane	7800	U
541-73-1	1,3-Dichlorobenzene	7800	U
106-46-7	1,4-Dichlorobenzene	7800	U
95-50-1	1,2-Dichlorobenzene	7800	U
96-12-8	1,2-Dibromo-3-chloropropane	7800	U
120-82-1	1,2,4-Trichlorobenzene	7800	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD02-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02F

Sample wt/vol: 4.0 (g/mL) G Lab File ID: V6D7847

Level: (low/med) MED Date Received: 08/10/05

% Moisture: not dec. 79 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
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27.					
28.					
29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD03-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-01E

Sample wt/vol: 5.5 (g/mL) G Lab File ID: V1G9598

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 70 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	30	U
74-87-3	Chloromethane	30	U
75-01-4	Vinyl Chloride	30	U
74-83-9	Bromomethane	30	U
75-00-3	Chloroethane	30	U
75-69-4	Trichlorofluoromethane	30	U
75-35-4	1,1-Dichloroethene	30	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	30	U
67-64-1	Acetone	280	
75-15-0	Carbon Disulfide	3	J
79-20-9	Methyl Acetate	30	U
75-09-2	Methylene Chloride	220	
156-60-5	trans-1,2-Dichloroethene	30	U
1634-04-4	Methyl tert-Butyl Ether	30	U
75-34-3	1,1-Dichloroethane	30	U
156-59-2	cis-1,2-Dichloroethene	30	U
78-93-3	2-Butanone	110	
67-66-3	Chloroform	30	U
71-55-6	1,1,1-Trichloroethane	30	U
110-82-7	Cyclohexane	30	U
56-23-5	Carbon Tetrachloride	30	U
71-43-2	Benzene	30	U
107-06-2	1,2-Dichloroethane	30	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD03-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-01E

Sample wt/vol: 5.5 (g/mL) G Lab File ID: V1G9598

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 70 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	30	U
108-87-2	Methylcyclohexane	30	U
78-87-5	1,2-Dichloropropane	30	U
75-27-4	Bromodichloromethane	30	U
10061-01-5	cis-1,3-Dichloropropene	30	U
108-10-1	4-Methyl-2-Pentanone	30	U
108-88-3	Toluene	30	U
10061-02-6	trans-1,3-Dichloropropene	30	U
79-00-5	1,1,2-Trichloroethane	30	U
127-18-4	Tetrachloroethene	8	J
591-78-6	2-Hexanone	30	U
124-48-1	Dibromochloromethane	30	U
106-93-4	1,2-Dibromoethane	30	U
108-90-7	Chlorobenzene	30	U
100-41-4	Ethylbenzene	30	U
1330-20-7	Xylene (Total)	30	U
100-42-5	Styrene	30	U
75-25-2	Bromoform	30	U
98-82-8	Isopropylbenzene	30	U
79-34-5	1,1,2,2-Tetrachloroethane	30	U
541-73-1	1,3-Dichlorobenzene	30	U
106-46-7	1,4-Dichlorobenzene	30	U
95-50-1	1,2-Dichlorobenzene	30	U
96-12-8	1,2-Dibromo-3-chloropropane	30	U
120-82-1	1,2,4-Trichlorobenzene	30	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD03-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-01E

Sample wt/vol: 5.5 (g/mL) G Lab File ID: V1G9598

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 70 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.26	45	NJ
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
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16.					
17.					
18.					
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21.					
22.					
23.					
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27.					
28.					
29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD04-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-14C

Sample wt/vol: 6.2 (g/mL) G Lab File ID: V1G9640

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 71 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	28	U
74-87-3	Chloromethane	28	U
75-01-4	Vinyl Chloride	28	U
74-83-9	Bromomethane	28	U
75-00-3	Chloroethane	28	U
75-69-4	Trichlorofluoromethane	28	U
75-35-4	1,1-Dichloroethene	28	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	28	U
67-64-1	Acetone	320	
75-15-0	Carbon Disulfide	28	U
79-20-9	Methyl Acetate	28	U
75-09-2	Methylene Chloride	260	
156-60-5	trans-1,2-Dichloroethene	28	U
1634-04-4	Methyl tert-Butyl Ether	28	U
75-34-3	1,1-Dichloroethane	28	U
156-59-2	cis-1,2-Dichloroethene	28	U
78-93-3	2-Butanone	110	
67-66-3	Chloroform	5	JB
71-55-6	1,1,1-Trichloroethane	28	U
110-82-7	Cyclohexane	28	U
56-23-5	Carbon Tetrachloride	28	U
71-43-2	Benzene	28	U
107-06-2	1,2-Dichloroethane	28	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD04-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-14C

Sample wt/vol: 6.2 (g/mL) G Lab File ID: V1G9640

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 71 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	28	U
108-87-2	Methylcyclohexane	28	U
78-87-5	1,2-Dichloropropane	28	U
75-27-4	Bromodichloromethane	28	U
10061-01-5	cis-1,3-Dichloropropene	28	U
108-10-1	4-Methyl-2-Pentanone	28	U
108-88-3	Toluene	28	U
10061-02-6	trans-1,3-Dichloropropene	28	U
79-00-5	1,1,2-Trichloroethane	28	U
127-18-4	Tetrachloroethene	28	U
591-78-6	2-Hexanone	28	U
124-48-1	Dibromochloromethane	28	U
106-93-4	1,2-Dibromoethane	28	U
108-90-7	Chlorobenzene	28	U
100-41-4	Ethylbenzene	28	U
1330-20-7	Xylene (Total)	28	U
100-42-5	Styrene	28	U
75-25-2	Bromoform	28	U
98-82-8	Isopropylbenzene	28	U
79-34-5	1,1,2,2-Tetrachloroethane	28	U
541-73-1	1,3-Dichlorobenzene	28	U
106-46-7	1,4-Dichlorobenzene	28	U
95-50-1	1,2-Dichlorobenzene	28	U
96-12-8	1,2-Dibromo-3-chloropropane	28	U
120-82-1	1,2,4-Trichlorobenzene	28	U

1F

EPA SAMPLE NO.

SD04-S-O

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-14C

Sample wt/vol: 6.2 (g/mL) G Lab File ID: V1G9640

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 71 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	75-18-3	DIMETHYL SULFIDE	3.73	21	NJ
2.		UNKNOWN	3.83	35	J
3.		UNKNOWN	5.43	46	J
4.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.25	18	NJ
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD05-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-08C

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9604

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 76 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	42	U
74-87-3	Chloromethane	42	U
75-01-4	Vinyl Chloride	42	U
74-83-9	Bromomethane	42	U
75-00-3	Chloroethane	42	U
75-69-4	Trichlorofluoromethane	42	U
75-35-4	1,1-Dichloroethene	42	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	42	U
67-64-1	Acetone	1100	E
75-15-0	Carbon Disulfide	42	U
79-20-9	Methyl Acetate	42	U
75-09-2	Methylene Chloride	400	
156-60-5	trans-1,2-Dichloroethene	42	U
1634-04-4	Methyl tert-Butyl Ether	42	U
75-34-3	1,1-Dichloroethane	42	U
156-59-2	cis-1,2-Dichloroethene	42	U
78-93-3	2-Butanone	420	
67-66-3	Chloroform	14	J
71-55-6	1,1,1-Trichloroethane	42	U
110-82-7	Cyclohexane	42	U
56-23-5	Carbon Tetrachloride	42	U
71-43-2	Benzene	42	U
107-06-2	1,2-Dichloroethane	42	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD05-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-08C

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9604

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 76 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	42	U
108-87-2	Methylcyclohexane	42	U
78-87-5	1,2-Dichloropropane	42	U
75-27-4	Bromodichloromethane	42	U
10061-01-5	cis-1,3-Dichloropropene	42	U
108-10-1	4-Methyl-2-Pentanone	42	U
108-88-3	Toluene	9	J
10061-02-6	trans-1,3-Dichloropropene	42	U
79-00-5	1,1,2-Trichloroethane	42	U
127-18-4	Tetrachloroethene	4	J
591-78-6	2-Hexanone	42	U
124-48-1	Dibromochloromethane	42	U
106-93-4	1,2-Dibromoethane	42	U
108-90-7	Chlorobenzene	42	U
100-41-4	Ethylbenzene	42	U
1330-20-7	Xylene (Total)	42	U
100-42-5	Styrene	42	U
75-25-2	Bromoform	42	U
98-82-8	Isopropylbenzene	42	U
79-34-5	1,1,2,2-Tetrachloroethane	42	U
541-73-1	1,3-Dichlorobenzene	42	U
106-46-7	1,4-Dichlorobenzene	42	U
95-50-1	1,2-Dichlorobenzene	42	U
96-12-8	1,2-Dibromo-3-chloropropane	42	U
120-82-1	1,2,4-Trichlorobenzene	42	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD05-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-08C

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9604

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 76 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	2.19	35	J
2.		UNKNOWN	3.73	210	J
3.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.26	47	NJ
4.		BRANCHED ALKANE	16.95	23	J
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
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23.					
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27.					
28.					
29.					
30.					

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD05-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-08D

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V6D7849

Level: (low/med) MED Date Received: 08/10/05

% Moisture: not dec. 76 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	5700	U
74-87-3	Chloromethane	5700	U
75-01-4	Vinyl Chloride	5700	U
74-83-9	Bromomethane	5700	U
75-00-3	Chloroethane	5700	U
75-69-4	Trichlorofluoromethane	5700	U
75-35-4	1,1-Dichloroethene	5700	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5700	U
67-64-1	Acetone	1800	DJ
75-15-0	Carbon Disulfide	5700	U
79-20-9	Methyl Acetate	11000	D
75-09-2	Methylene Chloride	3200	DJ
156-60-5	trans-1,2-Dichloroethene	5700	U
1634-04-4	Methyl tert-Butyl Ether	5700	U
75-34-3	1,1-Dichloroethane	5700	U
156-59-2	cis-1,2-Dichloroethene	5700	U
78-93-3	2-Butanone	5700	U
67-66-3	Chloroform	5700	U
71-55-6	1,1,1-Trichloroethane	5700	U
110-82-7	Cyclohexane	5700	U
56-23-5	Carbon Tetrachloride	5700	U
71-43-2	Benzene	5700	U
107-06-2	1,2-Dichloroethane	5700	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD05-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-08D

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V6D7849

Level: (low/med) MED Date Received: 08/10/05

% Moisture: not dec. 76 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	5700	U
108-87-2	Methylcyclohexane	5700	U
78-87-5	1,2-Dichloropropane	5700	U
75-27-4	Bromodichloromethane	5700	U
10061-01-5	cis-1,3-Dichloropropene	5700	U
108-10-1	4-Methyl-2-Pentanone	5700	U
108-88-3	Toluene	5700	U
10061-02-6	trans-1,3-Dichloropropene	5700	U
79-00-5	1,1,2-Trichloroethane	5700	U
127-18-4	Tetrachloroethene	5700	U
591-78-6	2-Hexanone	5700	U
124-48-1	Dibromochloromethane	5700	U
106-93-4	1,2-Dibromoethane	5700	U
108-90-7	Chlorobenzene	5700	U
100-41-4	Ethylbenzene	5700	U
1330-20-7	Xylene (Total)	5700	U
100-42-5	Styrene	5700	U
75-25-2	Bromoform	5700	U
98-82-8	Isopropylbenzene	5700	U
79-34-5	1,1,2,2-Tetrachloroethane	5700	U
541-73-1	1,3-Dichlorobenzene	5700	U
106-46-7	1,4-Dichlorobenzene	5700	U
95-50-1	1,2-Dichlorobenzene	5700	U
96-12-8	1,2-Dibromo-3-chloropropane	5700	U
120-82-1	1,2,4-Trichlorobenzene	5700	U

1F

EPA SAMPLE NO.

SD05-S-ODL

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-08D

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V6D7849

Level: (low/med) MED Date Received: 08/10/05

% Moisture: not dec. 76 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
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21.					
22.					
23.					
24.					
25.					
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27.					
28.					
29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD06-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-09C

Sample wt/vol: 5.6 (g/mL) G Lab File ID: V1G9605

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 55 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	20	U
74-87-3	Chloromethane	20	U
75-01-4	Vinyl Chloride	20	U
74-83-9	Bromomethane	20	U
75-00-3	Chloroethane	20	U
75-69-4	Trichlorofluoromethane	20	U
75-35-4	1,1-Dichloroethene	20	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20	U
67-64-1	Acetone	99	
75-15-0	Carbon Disulfide	20	U
79-20-9	Methyl Acetate	20	U
75-09-2	Methylene Chloride	18	J
156-60-5	trans-1,2-Dichloroethene	20	U
1634-04-4	Methyl tert-Butyl Ether	20	U
75-34-3	1,1-Dichloroethane	20	U
156-59-2	cis-1,2-Dichloroethene	20	U
78-93-3	2-Butanone	28	
67-66-3	Chloroform	6	J
71-55-6	1,1,1-Trichloroethane	20	U
110-82-7	Cyclohexane	20	U
56-23-5	Carbon Tetrachloride	20	U
71-43-2	Benzene	20	U
107-06-2	1,2-Dichloroethane	20	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD06-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-09C

Sample wt/vol: 5.6 (g/mL) G Lab File ID: V1G9605

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 55 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	20	U
108-87-2	Methylcyclohexane	20	U
78-87-5	1,2-Dichloropropane	20	U
75-27-4	Bromodichloromethane	20	U
10061-01-5	cis-1,3-Dichloropropene	20	U
108-10-1	4-Methyl-2-Pentanone	20	U
108-88-3	Toluene	20	U
10061-02-6	trans-1,3-Dichloropropene	20	U
79-00-5	1,1,2-Trichloroethane	20	U
127-18-4	Tetrachloroethene	3	J
591-78-6	2-Hexanone	20	U
124-48-1	Dibromochloromethane	20	U
106-93-4	1,2-Dibromoethane	20	U
108-90-7	Chlorobenzene	20	U
100-41-4	Ethylbenzene	20	U
1330-20-7	Xylene (Total)	20	U
100-42-5	Styrene	20	U
75-25-2	Bromoform	20	U
98-82-8	Isopropylbenzene	20	U
79-34-5	1,1,2,2-Tetrachloroethane	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
95-50-1	1,2-Dichlorobenzene	20	U
96-12-8	1,2-Dibromo-3-chloropropane	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U

1F

EPA SAMPLE NO.

SD06-S-O

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-09C

Sample wt/vol: 5.6 (g/mL) G Lab File ID: V1G9605

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 55 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	75-18-3	DIMETHYL SULFIDE	3.73	26	NJ
2.		UNKNOWN	12.26	25	J
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD06-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-09CRE

Sample wt/vol: 7.0 (g/mL) G Lab File ID: V1G9638

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 55 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	16	U
74-87-3	Chloromethane	16	U
75-01-4	Vinyl Chloride	16	U
74-83-9	Bromomethane	16	U
75-00-3	Chloroethane	16	U
75-69-4	Trichlorofluoromethane	16	U
75-35-4	1,1-Dichloroethene	16	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	16	U
67-64-1	Acetone	190	
75-15-0	Carbon Disulfide	16	U
79-20-9	Methyl Acetate	16	U
75-09-2	Methylene Chloride	68	
156-60-5	trans-1,2-Dichloroethene	16	U
1634-04-4	Methyl tert-Butyl Ether	16	U
75-34-3	1,1-Dichloroethane	16	U
156-59-2	cis-1,2-Dichloroethene	16	U
78-93-3	2-Butanone	57	
67-66-3	Chloroform	3	JB
71-55-6	1,1,1-Trichloroethane	16	U
110-82-7	Cyclohexane	16	U
56-23-5	Carbon Tetrachloride	16	U
71-43-2	Benzene	16	U
107-06-2	1,2-Dichloroethane	16	U

EPA SAMPLE NO.

SD06-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-09CRE

Sample wt/vol: 7.0 (g/mL) G Lab File ID: V1G9638

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 55 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	16	U
108-87-2	Methylcyclohexane	16	U
78-87-5	1,2-Dichloropropane	16	U
75-27-4	Bromodichloromethane	16	U
10061-01-5	cis-1,3-Dichloropropene	16	U
108-10-1	4-Methyl-2-Pentanone	16	U
108-88-3	Toluene	3	J
10061-02-6	trans-1,3-Dichloropropene	16	U
79-00-5	1,1,2-Trichloroethane	16	U
127-18-4	Tetrachloroethene	16	U
591-78-6	2-Hexanone	16	U
124-48-1	Dibromochloromethane	16	U
106-93-4	1,2-Dibromoethane	16	U
108-90-7	Chlorobenzene	16	U
100-41-4	Ethylbenzene	16	U
1330-20-7	Xylene (Total)	16	U
100-42-5	Styrene	16	U
75-25-2	Bromoform	16	U
98-82-8	Isopropylbenzene	16	U
79-34-5	1,1,2,2-Tetrachloroethane	16	U
541-73-1	1,3-Dichlorobenzene	16	U
106-46-7	1,4-Dichlorobenzene	16	U
95-50-1	1,2-Dichlorobenzene	16	U
96-12-8	1,2-Dibromo-3-chloropropane	16	U
120-82-1	1,2,4-Trichlorobenzene	16	U

1F

EPA SAMPLE NO.

SD06-S-ORE

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-09CRE

Sample wt/vol: 7.0 (g/mL) G Lab File ID: V1G9638

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 55 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	75-18-3	DIMETHYL SULFIDE	3.73	37	NJ
2.		UNKNOWN	12.26	24	J
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
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27.					
28.					
29.					
30.					

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SD07-S-M

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07C

Sample wt/vol: 6.6(g/mL) G Lab File ID: V1G9595

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 47 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	14	U
74-87-3	Chloromethane	14	U
75-01-4	Vinyl Chloride	14	U
74-83-9	Bromomethane	14	U
75-00-3	Chloroethane	14	U
75-69-4	Trichlorofluoromethane	14	U
75-35-4	1,1-Dichloroethene	14	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	14	U
67-64-1	Acetone	59	
75-15-0	Carbon Disulfide	14	U
79-20-9	Methyl Acetate	14	U
75-09-2	Methylene Chloride	60	
156-60-5	trans-1,2-Dichloroethene	14	U
1634-04-4	Methyl tert-Butyl Ether	14	U
75-34-3	1,1-Dichloroethane	14	U
156-59-2	cis-1,2-Dichloroethene	14	U
78-93-3	2-Butanone	18	
67-66-3	Chloroform	14	U
71-55-6	1,1,1-Trichloroethane	14	U
110-82-7	Cyclohexane	14	U
56-23-5	Carbon Tetrachloride	14	U
71-43-2	Benzene	14	U
107-06-2	1,2-Dichloroethane	14	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-M

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07C

Sample wt/vol: 6.6 (g/mL) G Lab File ID: V1G9595

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 47 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	14	U
108-87-2	Methylcyclohexane	14	U
78-87-5	1,2-Dichloropropane	14	U
75-27-4	Bromodichloromethane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
108-10-1	4-Methyl-2-Pentanone	14	U
108-88-3	Toluene	14	U
10061-02-6	trans-1,3-Dichloropropene	14	U
79-00-5	1,1,2-Trichloroethane	14	U
127-18-4	Tetrachloroethene	3	J
591-78-6	2-Hexanone	14	U
124-48-1	Dibromochloromethane	14	U
106-93-4	1,2-Dibromoethane	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
1330-20-7	Xylene (Total)	14	U
100-42-5	Styrene	14	U
75-25-2	Bromoform	14	U
98-82-8	Isopropylbenzene	14	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
541-73-1	1,3-Dichlorobenzene	14	U
106-46-7	1,4-Dichlorobenzene	14	U
95-50-1	1,2-Dichlorobenzene	14	U
96-12-8	1,2-Dibromo-3-chloropropane	14	U
120-82-1	1,2,4-Trichlorobenzene	14	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD07-S-M

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07C

Sample wt/vol: 6.6 (g/mL) G Lab File ID: V1G9595

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 47 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.26	23	NJ
2.				
3.				
4.				
5.				
6.				
7.				
8.				
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10.				
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14.				
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16.				
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23.				
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26.				
27.				
28.				
29.				
30.				

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MMS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07CMS

Sample wt/vol: 6.3 (g/mL) G Lab File ID: V1G9596

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 47 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	15	U
74-87-3	Chloromethane	15	U
75-01-4	Vinyl Chloride	15	U
74-83-9	Bromomethane	15	U
75-00-3	Chloroethane	15	U
75-69-4	Trichlorofluoromethane	15	U
75-35-4	1,1-Dichloroethene	69	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	15	U
67-64-1	Acetone	60	
75-15-0	Carbon Disulfide	15	U
79-20-9	Methyl Acetate	15	U
75-09-2	Methylene Chloride	62	
156-60-5	trans-1,2-Dichloroethene	15	U
1634-04-4	Methyl tert-Butyl Ether	15	U
75-34-3	1,1-Dichloroethane	15	U
156-59-2	cis-1,2-Dichloroethene	15	U
78-93-3	2-Butanone	19	
67-66-3	Chloroform	15	U
71-55-6	1,1,1-Trichloroethane	15	U
110-82-7	Cyclohexane	15	U
56-23-5	Carbon Tetrachloride	15	U
71-43-2	Benzene	69	
107-06-2	1,2-Dichloroethane	15	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MMS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07CMS

Sample wt/vol: 6.3 (g/mL) G Lab File ID: V1G9596

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 47 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	65	
108-87-2	Methylcyclohexane	15	U
78-87-5	1,2-Dichloropropane	15	U
75-27-4	Bromodichloromethane	15	U
10061-01-5	cis-1,3-Dichloropropene	15	U
108-10-1	4-Methyl-2-Pentanone	15	U
108-88-3	Toluene	78	
10061-02-6	trans-1,3-Dichloropropene	15	U
79-00-5	1,1,2-Trichloroethane	15	U
127-18-4	Tetrachloroethene	4	J
591-78-6	2-Hexanone	15	U
124-48-1	Dibromochloromethane	15	U
106-93-4	1,2-Dibromoethane	15	U
108-90-7	Chlorobenzene	67	
100-41-4	Ethylbenzene	15	U
1330-20-7	Xylene (Total)	15	U
100-42-5	Styrene	15	U
75-25-2	Bromoform	15	U
98-82-8	Isopropylbenzene	15	U
79-34-5	1,1,2,2-Tetrachloroethane	15	U
541-73-1	1,3-Dichlorobenzene	15	U
106-46-7	1,4-Dichlorobenzene	15	U
95-50-1	1,2-Dichlorobenzene	15	U
96-12-8	1,2-Dibromo-3-chloropropane	15	U
120-82-1	1,2,4-Trichlorobenzene	15	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07CMSD

Sample wt/vol: 5.9 (g/mL) G Lab File ID: V1G9597

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 47 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	16	U
74-87-3	Chloromethane	16	U
75-01-4	Vinyl Chloride	16	U
74-83-9	Bromomethane	16	U
75-00-3	Chloroethane	16	U
75-69-4	Trichlorofluoromethane	16	U
75-35-4	1,1-Dichloroethene	79	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	16	U
67-64-1	Acetone	54	
75-15-0	Carbon Disulfide	16	U
79-20-9	Methyl Acetate	16	U
75-09-2	Methylene Chloride	66	
156-60-5	trans-1,2-Dichloroethene	16	U
1634-04-4	Methyl tert-Butyl Ether	16	U
75-34-3	1,1-Dichloroethane	16	U
156-59-2	cis-1,2-Dichloroethene	16	U
78-93-3	2-Butanone	17	
67-66-3	Chloroform	16	U
71-55-6	1,1,1-Trichloroethane	16	U
110-82-7	Cyclohexane	16	U
56-23-5	Carbon Tetrachloride	16	U
71-43-2	Benzene	73	
107-06-2	1,2-Dichloroethane	16	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07CMSD

Sample wt/vol: 5.9 (g/mL) G Lab File ID: V1G9597

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 47 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	67	
108-87-2	Methylcyclohexane	16	U
78-87-5	1,2-Dichloropropane	16	U
75-27-4	Bromodichloromethane	16	U
10061-01-5	cis-1,3-Dichloropropene	16	U
108-10-1	4-Methyl-2-Pentanone	16	U
108-88-3	Toluene	86	
10061-02-6	trans-1,3-Dichloropropene	16	U
79-00-5	1,1,2-Trichloroethane	16	U
127-18-4	Tetrachloroethene	5	J
591-78-6	2-Hexanone	16	U
124-48-1	Dibromochloromethane	16	U
106-93-4	1,2-Dibromoethane	16	U
108-90-7	Chlorobenzene	72	
100-41-4	Ethylbenzene	16	U
1330-20-7	Xylene (Total)	16	U
100-42-5	Styrene	16	U
75-25-2	Bromoform	16	U
98-82-8	Isopropylbenzene	16	U
79-34-5	1,1,2,2-Tetrachloroethane	16	U
541-73-1	1,3-Dichlorobenzene	16	U
106-46-7	1,4-Dichlorobenzene	16	U
95-50-1	1,2-Dichlorobenzene	16	U
96-12-8	1,2-Dibromo-3-chloropropane	16	U
120-82-1	1,2,4-Trichlorobenzene	16	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-06C

Sample wt/vol: 6.7 (g/mL) G Lab File ID: V1G9639

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 48 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	14	U
74-87-3	Chloromethane	14	U
75-01-4	Vinyl Chloride	14	U
74-83-9	Bromomethane	14	U
75-00-3	Chloroethane	14	U
75-69-4	Trichlorofluoromethane	14	U
75-35-4	1,1-Dichloroethene	14	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	14	U
67-64-1	Acetone	120	
75-15-0	Carbon Disulfide	14	U
79-20-9	Methyl Acetate	14	U
75-09-2	Methylene Chloride	75	
156-60-5	trans-1,2-Dichloroethene	14	U
1634-04-4	Methyl tert-Butyl Ether	14	U
75-34-3	1,1-Dichloroethane	14	U
156-59-2	cis-1,2-Dichloroethene	14	U
78-93-3	2-Butanone	33	
67-66-3	Chloroform	2	JB
71-55-6	1,1,1-Trichloroethane	14	U
110-82-7	Cyclohexane	14	U
56-23-5	Carbon Tetrachloride	14	U
71-43-2	Benzene	14	U
107-06-2	1,2-Dichloroethane	14	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-06C

Sample wt/vol: 6.7 (g/mL) G Lab File ID: V1G9639

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 48 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	14	U
108-87-2	Methylcyclohexane	14	U
78-87-5	1,2-Dichloropropane	14	U
75-27-4	Bromodichloromethane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
108-10-1	4-Methyl-2-Pentanone	14	U
108-88-3	Toluene	14	U
10061-02-6	trans-1,3-Dichloropropene	14	U
79-00-5	1,1,2-Trichloroethane	14	U
127-18-4	Tetrachloroethene	14	U
591-78-6	2-Hexanone	14	U
124-48-1	Dibromochloromethane	14	U
106-93-4	1,2-Dibromoethane	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
1330-20-7	Xylene (Total)	14	U
100-42-5	Styrene	14	U
75-25-2	Bromoform	14	U
98-82-8	Isopropylbenzene	14	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
541-73-1	1,3-Dichlorobenzene	14	U
106-46-7	1,4-Dichlorobenzene	14	U
95-50-1	1,2-Dichlorobenzene	14	U
96-12-8	1,2-Dibromo-3-chloropropane	14	U
120-82-1	1,2,4-Trichlorobenzene	14	U

1F

EPA SAMPLE NO.

SD07-S-O

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-06C

Sample wt/vol: 6.7 (g/mL) G Lab File ID: V1G9639

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 48 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	12.26	18	J
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
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27.					
28.					
29.					
30.					

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.: SD08-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-11C

Sample wt/vol: 4.8 (g/mL) G Lab File ID: V1G9607

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 69 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	34	U
74-87-3	Chloromethane	34	U
75-01-4	Vinyl Chloride	34	U
74-83-9	Bromomethane	34	U
75-00-3	Chloroethane	34	U
75-69-4	Trichlorofluoromethane	34	U
75-35-4	1,1-Dichloroethene	34	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	34	U
67-64-1	Acetone	820	E
75-15-0	Carbon Disulfide	18	J
79-20-9	Methyl Acetate	34	U
75-09-2	Methylene Chloride	410	
156-60-5	trans-1,2-Dichloroethene	34	U
1634-04-4	Methyl tert-Butyl Ether	34	U
75-34-3	1,1-Dichloroethane	34	U
156-59-2	cis-1,2-Dichloroethene	34	U
78-93-3	2-Butanone	250	
67-66-3	Chloroform	11	J
71-55-6	1,1,1-Trichloroethane	34	U
110-82-7	Cyclohexane	34	U
56-23-5	Carbon Tetrachloride	34	U
71-43-2	Benzene	34	U
107-06-2	1,2-Dichloroethane	34	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD08-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-11C

Sample wt/vol: 4.8 (g/mL) G Lab File ID: V1G9607

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 69 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	34	U
108-87-2	Methylcyclohexane	34	U
78-87-5	1,2-Dichloropropane	34	U
75-27-4	Bromodichloromethane	34	U
10061-01-5	cis-1,3-Dichloropropene	34	U
108-10-1	4-Methyl-2-Pentanone	34	U
108-88-3	Toluene	34	U
10061-02-6	trans-1,3-Dichloropropene	34	U
79-00-5	1,1,2-Trichloroethane	34	U
127-18-4	Tetrachloroethene	34	U
591-78-6	2-Hexanone	34	U
124-48-1	Dibromochloromethane	34	U
106-93-4	1,2-Dibromoethane	34	U
108-90-7	Chlorobenzene	34	U
100-41-4	Ethylbenzene	34	U
1330-20-7	Xylene (Total)	34	U
100-42-5	Styrene	34	U
75-25-2	Bromoform	34	U
98-82-8	Isopropylbenzene	34	U
79-34-5	1,1,2,2-Tetrachloroethane	34	U
541-73-1	1,3-Dichlorobenzene	34	U
106-46-7	1,4-Dichlorobenzene	34	U
95-50-1	1,2-Dichlorobenzene	34	U
96-12-8	1,2-Dibromo-3-chloropropane	34	U
120-82-1	1,2,4-Trichlorobenzene	34	U

1F

EPA SAMPLE NO.

SD08-S-O

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-11C

Sample wt/vol: 4.8 (g/mL) G Lab File ID: V1G9607

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 69 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.15	19	J
2.		UNKNOWN	3.84	77	J
3.		UNKNOWN	4.40	20	J
4.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.26	26	NJ
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
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27.					
28.					
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30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD08-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-11D

Sample wt/vol: 3.8 (g/mL) G Lab File ID: V6D7850

Level: (low/med) MED Date Received: 08/11/05

% Moisture: not dec. 69 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	5400	U
74-87-3	Chloromethane	5400	U
75-01-4	Vinyl Chloride	5400	U
74-83-9	Bromomethane	5400	U
75-00-3	Chloroethane	5400	U
75-69-4	Trichlorofluoromethane	5400	U
75-35-4	1,1-Dichloroethene	5400	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5400	U
67-64-1	Acetone	1400	DJ
75-15-0	Carbon Disulfide	5400	U
79-20-9	Methyl Acetate	7600	D
75-09-2	Methylene Chloride	3300	DJ
156-60-5	trans-1,2-Dichloroethene	5400	U
1634-04-4	Methyl tert-Butyl Ether	5400	U
75-34-3	1,1-Dichloroethane	5400	U
156-59-2	cis-1,2-Dichloroethene	5400	U
78-93-3	2-Butanone	5400	U
67-66-3	Chloroform	5400	U
71-55-6	1,1,1-Trichloroethane	5400	U
110-82-7	Cyclohexane	5400	U
56-23-5	Carbon Tetrachloride	5400	U
71-43-2	Benzene	5400	U
107-06-2	1,2-Dichloroethane	5400	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD08-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-11D

Sample wt/vol: 3.8 (g/mL) G Lab File ID: V6D7850

Level: (low/med) MED Date Received: 08/11/05

% Moisture: not dec. 69 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	5400	U
108-87-2	Methylcyclohexane	5400	U
78-87-5	1,2-Dichloropropane	5400	U
75-27-4	Bromodichloromethane	5400	U
10061-01-5	cis-1,3-Dichloropropene	5400	U
108-10-1	4-Methyl-2-Pentanone	5400	U
108-88-3	Toluene	5400	U
10061-02-6	trans-1,3-Dichloropropene	5400	U
79-00-5	1,1,2-Trichloroethane	5400	U
127-18-4	Tetrachloroethene	5400	U
591-78-6	2-Hexanone	5400	U
124-48-1	Dibromochloromethane	5400	U
106-93-4	1,2-Dibromoethane	5400	U
108-90-7	Chlorobenzene	5400	U
100-41-4	Ethylbenzene	5400	U
1330-20-7	Xylene (Total)	5400	U
100-42-5	Styrene	5400	U
75-25-2	Bromoform	5400	U
98-82-8	Isopropylbenzene	5400	U
79-34-5	1,1,2,2-Tetrachloroethane	5400	U
541-73-1	1,3-Dichlorobenzene	5400	U
106-46-7	1,4-Dichlorobenzene	5400	U
95-50-1	1,2-Dichlorobenzene	5400	U
96-12-8	1,2-Dibromo-3-chloropropane	5400	U
120-82-1	1,2,4-Trichlorobenzene	5400	U

1F

EPA SAMPLE NO.

SD08-S-ODL

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-11D

Sample wt/vol: 3.8 (g/mL) G Lab File ID: V6D7850

Level: (low/med) MED Date Received: 08/11/05

% Moisture: not dec. 69 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
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30.					

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.: SD09-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-10C

Sample wt/vol: 4.7 (g/mL) G Lab File ID: V1G9637

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 40 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
75-71-8	Dichlorodifluoromethane	18	U
74-87-3	Chloromethane	18	U
75-01-4	Vinyl Chloride	18	U
74-83-9	Bromomethane	18	U
75-00-3	Chloroethane	18	U
75-69-4	Trichlorofluoromethane	18	U
75-35-4	1,1-Dichloroethene	18	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18	U
67-64-1	Acetone	88	
75-15-0	Carbon Disulfide	18	U
79-20-9	Methyl Acetate	18	U
75-09-2	Methylene Chloride	150	
156-60-5	trans-1,2-Dichloroethene	18	U
1634-04-4	Methyl tert-Butyl Ether	18	U
75-34-3	1,1-Dichloroethane	18	U
156-59-2	cis-1,2-Dichloroethene	18	U
78-93-3	2-Butanone	13	J
67-66-3	Chloroform	3	JB
71-55-6	1,1,1-Trichloroethane	18	U
110-82-7	Cyclohexane	18	U
56-23-5	Carbon Tetrachloride	18	U
71-43-2	Benzene	18	U
107-06-2	1,2-Dichloroethane	18	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD09-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-10C

Sample wt/vol: 4.7(g/mL) G Lab File ID: V1G9637

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 40 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	18	U
108-87-2	Methylcyclohexane	18	U
78-87-5	1,2-Dichloropropane	18	U
75-27-4	Bromodichloromethane	18	U
10061-01-5	cis-1,3-Dichloropropene	18	U
108-10-1	4-Methyl-2-Pentanone	18	U
108-88-3	Toluene	18	U
10061-02-6	trans-1,3-Dichloropropene	18	U
79-00-5	1,1,2-Trichloroethane	18	U
127-18-4	Tetrachloroethene	18	U
591-78-6	2-Hexanone	18	U
124-48-1	Dibromochloromethane	18	U
106-93-4	1,2-Dibromoethane	18	U
108-90-7	Chlorobenzene	18	U
100-41-4	Ethylbenzene	18	U
1330-20-7	Xylene (Total)	18	U
100-42-5	Styrene	18	U
75-25-2	Bromoform	18	U
98-82-8	Isopropylbenzene	18	U
79-34-5	1,1,2,2-Tetrachloroethane	18	U
541-73-1	1,3-Dichlorobenzene	18	U
106-46-7	1,4-Dichlorobenzene	18	U
95-50-1	1,2-Dichlorobenzene	18	U
96-12-8	1,2-Dibromo-3-chloropropane	18	U
120-82-1	1,2,4-Trichlorobenzene	18	U

1F

EPA SAMPLE NO.

SD09-S-O

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-10C

Sample wt/vol: 4.7 (g/mL) G Lab File ID: V1G9637

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 40 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	4.40	96	J
2.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.26	9	NJ
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
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29.					
30.					

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD10-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-12C

Sample wt/vol: 5.9 (g/mL) G Lab File ID: V1G9641

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 50 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	17	U
74-87-3	Chloromethane	17	U
75-01-4	Vinyl Chloride	17	U
74-83-9	Bromomethane	17	U
75-00-3	Chloroethane	17	U
75-69-4	Trichlorofluoromethane	17	U
75-35-4	1,1-Dichloroethene	17	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	17	U
67-64-1	Acetone	180	
75-15-0	Carbon Disulfide	17	U
79-20-9	Methyl Acetate	17	U
75-09-2	Methylene Chloride	17	U
156-60-5	trans-1,2-Dichloroethene	17	U
1634-04-4	Methyl tert-Butyl Ether	17	U
75-34-3	1,1-Dichloroethane	17	U
156-59-2	cis-1,2-Dichloroethene	17	U
78-93-3	2-Butanone	20	
67-66-3	Chloroform	3	JB
71-55-6	1,1,1-Trichloroethane	17	U
110-82-7	Cyclohexane	17	U
56-23-5	Carbon Tetrachloride	17	U
71-43-2	Benzene	17	U
107-06-2	1,2-Dichloroethane	17	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD10-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-12C

Sample wt/vol: 5.9 (g/mL) G Lab File ID: V1G9641

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 50 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	17	U
108-87-2	Methylcyclohexane	17	U
78-87-5	1,2-Dichloropropane	17	U
75-27-4	Bromodichloromethane	17	U
10061-01-5	cis-1,3-Dichloropropene	17	U
108-10-1	4-Methyl-2-Pentanone	17	U
108-88-3	Toluene	17	U
10061-02-6	trans-1,3-Dichloropropene	17	U
79-00-5	1,1,2-Trichloroethane	17	U
127-18-4	Tetrachloroethene	17	U
591-78-6	2-Hexanone	17	U
124-48-1	Dibromochloromethane	17	U
106-93-4	1,2-Dibromoethane	17	U
108-90-7	Chlorobenzene	17	U
100-41-4	Ethylbenzene	17	U
1330-20-7	Xylene (Total)	17	U
100-42-5	Styrene	17	U
75-25-2	Bromoform	17	U
98-82-8	Isopropylbenzene	17	U
79-34-5	1,1,2,2-Tetrachloroethane	17	U
541-73-1	1,3-Dichlorobenzene	17	U
106-46-7	1,4-Dichlorobenzene	17	U
95-50-1	1,2-Dichlorobenzene	17	U
96-12-8	1,2-Dibromo-3-chloropropane	17	U
120-82-1	1,2,4-Trichlorobenzene	17	U

1F

EPA SAMPLE NO.

SD10-S-O

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-12C

Sample wt/vol: 5.9 (g/mL) G Lab File ID: V1G9641

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 50 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.73	11	J
2.		UNKNOWN	3.83	27	J
3.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.25	14	NJ
4.	106-68-3	3-OCTANONE	12.93	16	NJ
5.					
6.					
7.					
8.					
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10.					
11.					
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30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD11-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-13C

Sample wt/vol: 5.5(g/mL) G Lab File ID: V1G9609

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 81 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	48	U
74-87-3	Chloromethane	48	U
75-01-4	Vinyl Chloride	48	U
74-83-9	Bromomethane	48	U
75-00-3	Chloroethane	48	U
75-69-4	Trichlorofluoromethane	48	U
75-35-4	1,1-Dichloroethene	48	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	48	U
67-64-1	Acetone	1300	E
75-15-0	Carbon Disulfide	8	J
79-20-9	Methyl Acetate	48	U
75-09-2	Methylene Chloride	390	
156-60-5	trans-1,2-Dichloroethene	48	U
1634-04-4	Methyl tert-Butyl Ether	48	U
75-34-3	1,1-Dichloroethane	48	U
156-59-2	cis-1,2-Dichloroethene	48	U
78-93-3	2-Butanone	580	
67-66-3	Chloroform	15	J
71-55-6	1,1,1-Trichloroethane	48	U
110-82-7	Cyclohexane	48	U
56-23-5	Carbon Tetrachloride	48	U
71-43-2	Benzene	48	U
107-06-2	1,2-Dichloroethane	48	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD11-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-13C

Sample wt/vol: 5.5(g/mL) G Lab File ID: V1G9609

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 81 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	48	U
108-87-2	Methylcyclohexane	48	U
78-87-5	1,2-Dichloropropane	48	U
75-27-4	Bromodichloromethane	48	U
10061-01-5	cis-1,3-Dichloropropene	48	U
108-10-1	4-Methyl-2-Pentanone	48	U
108-88-3	Toluene	9	J
10061-02-6	trans-1,3-Dichloropropene	48	U
79-00-5	1,1,2-Trichloroethane	48	U
127-18-4	Tetrachloroethene	48	U
591-78-6	2-Hexanone	48	U
124-48-1	Dibromochloromethane	48	U
106-93-4	1,2-Dibromoethane	48	U
108-90-7	Chlorobenzene	24	J
100-41-4	Ethylbenzene	48	U
1330-20-7	Xylene (Total)	48	U
100-42-5	Styrene	48	U
75-25-2	Bromoform	48	U
98-82-8	Isopropylbenzene	48	U
79-34-5	1,1,2,2-Tetrachloroethane	48	U
541-73-1	1,3-Dichlorobenzene	48	U
106-46-7	1,4-Dichlorobenzene	28	J
95-50-1	1,2-Dichlorobenzene	48	U
96-12-8	1,2-Dibromo-3-chloropropane	48	U
120-82-1	1,2,4-Trichlorobenzene	48	U

1F

EPA SAMPLE NO.

SD11-S-O

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-13C

Sample wt/vol: 5.5 (g/mL) G Lab File ID: V1G9609

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 81 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 6

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	75-18-3	DIMETHYL SULFIDE	3.73	210	NJ
2.		UNKNOWN	3.83	78	J
3.		UNKNOWN	5.44	77	J
4.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.26	26	NJ
5.		UNKNOWN	12.53	40	J
6.		STRAIGHT-CHAIN ALKANE	13.91	82	J
7.					
8.					
9.					
10.					
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28.					
29.					
30.					

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD11-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-13D

Sample wt/vol: 4.1 (g/mL) G Lab File ID: V6D7851

Level: (low/med) MED Date Received: 08/11/05

% Moisture: not dec. 81 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	8600	U
74-87-3	Chloromethane	8600	U
75-01-4	Vinyl Chloride	8600	U
74-83-9	Bromomethane	8600	U
75-00-3	Chloroethane	8600	U
75-69-4	Trichlorofluoromethane	8600	U
75-35-4	1,1-Dichloroethene	8600	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	8600	U
67-64-1	Acetone	4100	DJ
75-15-0	Carbon Disulfide	8600	U
79-20-9	Methyl Acetate	8700	D
75-09-2	Methylene Chloride	4500	DJ
156-60-5	trans-1,2-Dichloroethene	8600	U
1634-04-4	Methyl tert-Butyl Ether	8600	U
75-34-3	1,1-Dichloroethane	8600	U
156-59-2	cis-1,2-Dichloroethene	8600	U
78-93-3	2-Butanone	8600	U
67-66-3	Chloroform	8600	U
71-55-6	1,1,1-Trichloroethane	8600	U
110-82-7	Cyclohexane	8600	U
56-23-5	Carbon Tetrachloride	8600	U
71-43-2	Benzene	8600	U
107-06-2	1,2-Dichloroethane	8600	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD11-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-13D

Sample wt/vol: 4.1 (g/mL) G Lab File ID: V6D7851

Level: (low/med) MED Date Received: 08/11/05

% Moisture: not dec. 81 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	8600	U
108-87-2	Methylcyclohexane	8600	U
78-87-5	1,2-Dichloropropane	8600	U
75-27-4	Bromodichloromethane	8600	U
10061-01-5	cis-1,3-Dichloropropene	8600	U
108-10-1	4-Methyl-2-Pentanone	8600	U
108-88-3	Toluene	8600	U
10061-02-6	trans-1,3-Dichloropropene	8600	U
79-00-5	1,1,2-Trichloroethane	8600	U
127-18-4	Tetrachloroethene	8600	U
591-78-6	2-Hexanone	8600	U
124-48-1	Dibromochloromethane	8600	U
106-93-4	1,2-Dibromoethane	8600	U
108-90-7	Chlorobenzene	8600	U
100-41-4	Ethylbenzene	8600	U
1330-20-7	Xylene (Total)	8600	U
100-42-5	Styrene	8600	U
75-25-2	Bromoform	8600	U
98-82-8	Isopropylbenzene	8600	U
79-34-5	1,1,2,2-Tetrachloroethane	8600	U
541-73-1	1,3-Dichlorobenzene	8600	U
106-46-7	1,4-Dichlorobenzene	8600	U
95-50-1	1,2-Dichlorobenzene	8600	U
96-12-8	1,2-Dibromo-3-chloropropane	8600	U
120-82-1	1,2,4-Trichlorobenzene	8600	U

1F

EPA SAMPLE NO.

SD11-S-ODL

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-13D

Sample wt/vol: 4.1 (g/mL) G Lab File ID: V6D7851

Level: (low/med) MED Date Received: 08/11/05

% Moisture: not dec. 81 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SD12-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-04C

Sample wt/vol: 5.5 (g/mL) G Lab File ID: V1G9642

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 63 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	25	U
74-87-3	Chloromethane	25	U
75-01-4	Vinyl Chloride	25	U
74-83-9	Bromomethane	25	U
75-00-3	Chloroethane	25	U
75-69-4	Trichlorofluoromethane	25	U
75-35-4	1,1-Dichloroethene	25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25	U
67-64-1	Acetone	390	
75-15-0	Carbon Disulfide	7	J
79-20-9	Methyl Acetate	25	U
75-09-2	Methylene Chloride	250	
156-60-5	trans-1,2-Dichloroethene	25	U
1634-04-4	Methyl tert-Butyl Ether	25	U
75-34-3	1,1-Dichloroethane	25	U
156-59-2	cis-1,2-Dichloroethene	25	U
78-93-3	2-Butanone	150	
67-66-3	Chloroform	4	JB
71-55-6	1,1,1-Trichloroethane	25	U
110-82-7	Cyclohexane	25	U
56-23-5	Carbon Tetrachloride	25	U
71-43-2	Benzene	25	U
107-06-2	1,2-Dichloroethane	25	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD12-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-04C

Sample wt/vol: 5.5 (g/mL) G Lab File ID: V1G9642

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 63 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	25	U
108-87-2	Methylcyclohexane	25	U
78-87-5	1,2-Dichloropropane	25	U
75-27-4	Bromodichloromethane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
108-10-1	4-Methyl-2-Pentanone	25	U
108-88-3	Toluene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
79-00-5	1,1,2-Trichloroethane	25	U
127-18-4	Tetrachloroethene	25	U
591-78-6	2-Hexanone	25	U
124-48-1	Dibromochloromethane	25	U
106-93-4	1,2-Dibromoethane	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	25	U
1330-20-7	Xylene (Total)	25	U
100-42-5	Styrene	25	U
75-25-2	Bromoform	25	U
98-82-8	Isopropylbenzene	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U
541-73-1	1,3-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	25	U
95-50-1	1,2-Dichlorobenzene	25	U
96-12-8	1,2-Dibromo-3-chloropropane	25	U
120-82-1	1,2,4-Trichlorobenzene	25	U

1F

EPA SAMPLE NO.

SD12-S-O

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-04C

Sample wt/vol: 5.5 (g/mL) G Lab File ID: V1G9642

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 63 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.25	48	NJ
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
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22.					
23.					
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25.					
26.					
27.					
28.					
29.					
30.					

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1RLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: LCS-19555

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9593

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	45	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	45	
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1RLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: LCS-19555

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9593

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	43	
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	45	
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	47	
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6RLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: LCS-19570

Sample wt/vol: 4.0 (g/mL) G Lab File ID: V6D7845

Level: (low/med) MED Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	1300	U
75-01-4	Vinyl Chloride	1300	U
74-83-9	Bromomethane	1300	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	1300	U
75-35-4	1,1-Dichloroethene	5000	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1300	U
67-64-1	Acetone	1300	U
75-15-0	Carbon Disulfide	1300	U
79-20-9	Methyl Acetate	1300	U
75-09-2	Methylene Chloride	1300	U
156-60-5	trans-1,2-Dichloroethene	1300	U
1634-04-4	Methyl tert-Butyl Ether	1300	U
75-34-3	1,1-Dichloroethane	1300	U
156-59-2	cis-1,2-Dichloroethene	1300	U
78-93-3	2-Butanone	1300	U
67-66-3	Chloroform	1300	U
71-55-6	1,1,1-Trichloroethane	1300	U
110-82-7	Cyclohexane	1300	U
56-23-5	Carbon Tetrachloride	1300	U
71-43-2	Benzene	6100	
107-06-2	1,2-Dichloroethane	1300	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6RLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: LCS-19570

Sample wt/vol: 4.0 (g/mL) G Lab File ID: V6D7845

Level: (low/med) MED Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	5800	
108-87-2	Methylcyclohexane	1300	U
78-87-5	1,2-Dichloropropane	1300	U
75-27-4	Bromodichloromethane	1300	U
10061-01-5	cis-1,3-Dichloropropene	1300	U
108-10-1	4-Methyl-2-Pentanone	1300	U
108-88-3	Toluene	6400	
10061-02-6	trans-1,3-Dichloropropene	1300	U
79-00-5	1,1,2-Trichloroethane	1300	U
127-18-4	Tetrachloroethene	1300	U
591-78-6	2-Hexanone	1300	U
124-48-1	Dibromochloromethane	1300	U
106-93-4	1,2-Dibromoethane	1300	U
108-90-7	Chlorobenzene	6400	
100-41-4	Ethylbenzene	1300	U
1330-20-7	Xylene (Total)	1300	U
100-42-5	Styrene	1300	U
75-25-2	Bromoform	1300	U
98-82-8	Isopropylbenzene	1300	U
79-34-5	1,1,2,2-Tetrachloroethane	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
96-12-8	1,2-Dibromo-3-chloropropane	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD01-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-05A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9458

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 72 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 4.5 Extraction: (Type) SONC

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
100-52-7	Benzaldehyde	1200 U
108-95-2	Phenol	1200 U
111-44-4	bis(2-Chloroethyl)Ether	1200 U
95-57-8	2-Chlorophenol	1200 U
95-48-7	2-Methylphenol	1200 U
108-60-1	2,2'-oxybis(1-Chloropropane)	1200 U
98-86-2	Acetophenone	1200 U
106-44-5	4-Methylphenol	1200 U
621-64-7	N-Nitroso-di-n-propylamine	1200 U
67-72-1	Hexachloroethane	1200 U
98-95-3	Nitrobenzene	1200 U
78-59-1	Isophorone	1200 U
88-75-5	2-Nitrophenol	1200 U
105-67-9	2,4-Dimethylphenol	1200 U
111-91-1	bis(2-Chloroethoxy)methane	1200 U
120-83-2	2,4-Dichlorophenol	1200 U
91-20-3	Naphthalene	1200 U
106-47-8	4-Chloroaniline	1200 U
87-68-3	Hexachlorobutadiene	1200 U
105-60-2	Caprolactam	1200 U
59-50-7	4-Chloro-3-Methylphenol	1200 U
91-57-6	2-Methylnaphthalene	1200 U
77-47-4	Hexachlorocyclopentadiene	1200 U
88-06-2	2,4,6-Trichlorophenol	1200 U
95-95-4	2,4,5-Trichlorophenol	3000 U
92-52-4	1,1'-Biphenyl	1200 U
91-58-7	2-Chloronaphthalene	1200 U
88-74-4	2-Nitroaniline	3000 U
131-11-3	Dimethylphthalate	1200 U
606-20-2	2,6-Dinitrotoluene	1200 U
208-96-8	Acenaphthylene	1200 U
99-09-2	3-Nitroaniline	3000 U
83-32-9	Acenaphthene	1200 U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD01-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-05A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9458

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 72 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 4.5 Extraction: (Type) SONC

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
51-28-5	2,4-Dinitrophenol	3000 U
100-02-7	4-Nitrophenol	3000 U
132-64-9	Dibenzofuran	1200 U
121-14-2	2,4-Dinitrotoluene	1200 U
84-66-2	Diethylphthalate	1200 U
86-73-7	Fluorene	1200 U
7005-72-3	4-Chlorophenyl-phenylether	1200 U
100-01-6	4-Nitroaniline	3000 U
534-52-1	4,6-Dinitro-2-methylphenol	3000 U
86-30-6	N-Nitrosodiphenylamine (1)	1200 U
101-55-3	4-Bromophenyl-phenylether	1200 U
118-74-1	Hexachlorobenzene	1200 U
1912-24-9	Atrazine	1200 U
87-86-5	Pentachlorophenol	3000 U
85-01-8	Phenanthrene	1200 U
120-12-7	Anthracene	1200 U
86-74-8	Carbazole	1200 U
84-74-2	Di-n-butylphthalate	1200 U
206-44-0	Fluoranthene	1200 U
129-00-0	Pyrene	1200 U
85-68-7	Butylbenzylphthalate	1200 U
91-94-1	3,3'-Dichlorobenzidine	1200 U
56-55-3	Benzo(a)anthracene	1200 U
218-01-9	Chrysene	1200 U
117-81-7	bis(2-Ethylhexyl)phthalate	210 JB
117-84-0	Di-n-octylphthalate	1200 U
205-99-2	Benzo(b)fluoranthene	1200 U
207-08-9	Benzo(k)fluoranthene	1200 U
50-32-8	Benzo(a)pyrene	1200 U
193-39-5	Indeno(1,2,3-cd)pyrene	1200 U
53-70-3	Dibenzo(a,h)anthracene	1200 U
191-24-2	Benzo(g,h,i)perylene	1200 U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD01-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-05A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9458

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 72 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 4.5 Extraction: (Type) SONC

Number TICs found: 30

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	12.19	550	J
2.		UNKNOWN	12.76	800	J
3.		UNKNOWN	13.64	510	J
4.		UNKNOWN	13.78	710	J
5.		UNKNOWN	13.89	2000	J
6.		UNKNOWN	14.01	640	J
7.		UNKNOWN	14.22	760	J
8.	57-10-3	N-HEXADECANOIC ACID	14.32	1100	NJ
9.	1000130-81-0	11,13-DIMETHYL-12-TETRADECEN	14.86	920	NJ
10.	150-86-7	PHYTOL	15.10	750	NJ
11.	3452-07-1	1-EICOSENE	17.96	860	NJ
12.	7683-64-9	SQUALENE	18.07	520	NJ
13.		UNKNOWN	18.17	490	J
14.		UNKNOWN	18.74	1100	J
15.	14811-95-1	1,19-EICOSADIENE	19.18	860	NJ
16.		UNKNOWN	19.28	690	J
17.		UNKNOWN	19.56	2400	J
18.	360-68-9	CHOLESTAN-3-OL, (3.BETA.,5.B	19.86	11000	NJ
19.	601-53-6	CHOLESTAN-3-ONE, (5.BETA.)-	20.12	14000	NJ
20.		UNKNOWN	20.38	1500	J
21.		UNKNOWN	21.08	8000	J
22.		UNKNOWN	21.32	2600	J
23.	83-47-6	.GAMMA.-SITOSTEROL	21.65	17000	NJ
24.		UNKNOWN	21.79	1400	J
25.		UNKNOWN	21.93	3000	J
26.		UNKNOWN	22.15	3700	J
27.	1000188-66-5	2(1H)NAPHTHALENONE, 3,5,6,7,	22.28	8300	NJ
28.		UNKNOWN	22.98	6100	J
29.		UNKNOWN	24.09	1000	J
30.		UNKNOWN	24.41	19000	JB

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-03A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9461

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 78 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
100-52-7	Benzaldehyde	550	J
108-95-2	Phenol	1500	U
111-44-4	bis(2-Chloroethyl)Ether	1500	U
95-57-8	2-Chlorophenol	1500	U
95-48-7	2-Methylphenol	1500	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1500	U
98-86-2	Acetophenone	1500	U
106-44-5	4-Methylphenol	1500	U
621-64-7	N-Nitroso-di-n-propylamine	1500	U
67-72-1	Hexachloroethane	1500	U
98-95-3	Nitrobenzene	1500	U
78-59-1	Isophorone	1500	U
88-75-5	2-Nitrophenol	1500	U
105-67-9	2,4-Dimethylphenol	1500	U
111-91-1	bis(2-Chloroethoxy)methane	1500	U
120-83-2	2,4-Dichlorophenol	1500	U
91-20-3	Naphthalene	1500	U
106-47-8	4-Chloroaniline	1500	U
87-68-3	Hexachlorobutadiene	1500	U
105-60-2	Caprolactam	1500	U
59-50-7	4-Chloro-3-Methylphenol	1500	U
91-57-6	2-Methylnaphthalene	1500	U
77-47-4	Hexachlorocyclopentadiene	1500	U
88-06-2	2,4,6-Trichlorophenol	1500	U
95-95-4	2,4,5-Trichlorophenol	3800	U
92-52-4	1,1'-Biphenyl	1500	U
91-58-7	2-Chloronaphthalene	1500	U
88-74-4	2-Nitroaniline	3800	U
131-11-3	Dimethylphthalate	1500	U
606-20-2	2,6-Dinitrotoluene	1500	U
208-96-8	Acenaphthylene	270	J
99-09-2	3-Nitroaniline	3800	U
83-32-9	Acenaphthene	1500	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-03A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9461

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 78 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	3800	U
100-02-7	4-Nitrophenol	3800	U
132-64-9	Dibenzofuran	1500	U
121-14-2	2,4-Dinitrotoluene	1500	U
84-66-2	Diethylphthalate	1500	U
86-73-7	Fluorene	1500	U
7005-72-3	4-Chlorophenyl-phenylether	1500	U
100-01-6	4-Nitroaniline	3800	U
534-52-1	4,6-Dinitro-2-methylphenol	3800	U
86-30-6	N-Nitrosodiphenylamine (1)	1500	U
101-55-3	4-Bromophenyl-phenylether	1500	U
118-74-1	Hexachlorobenzene	1500	U
1912-24-9	Atrazine	1500	U
87-86-5	Pentachlorophenol	3800	U
85-01-8	Phenanthrene	4100	
120-12-7	Anthracene	210	J
86-74-8	Carbazole	560	J
84-74-2	Di-n-butylphthalate	1500	U
206-44-0	Fluoranthene	10000	
129-00-0	Pyrene	5600	
85-68-7	Butylbenzylphthalate	1500	U
91-94-1	3,3'-Dichlorobenzidine	1500	U
56-55-3	Benzo(a)anthracene	1400	J
218-01-9	Chrysene	4900	
117-81-7	bis(2-Ethylhexyl)phthalate	520	JB
117-84-0	Di-n-octylphthalate	1500	U
205-99-2	Benzo(b)fluoranthene	7700	
207-08-9	Benzo(k)fluoranthene	2100	
50-32-8	Benzo(a)pyrene	3100	
193-39-5	Indeno(1,2,3-cd)pyrene	2300	
53-70-3	Dibenzo(a,h)anthracene	560	J
191-24-2	Benzo(g,h,i)perylene	2900	

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD02-S-D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-03A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9461

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 78 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

Number TICs found: 30

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	872-05-9	1-DECENE	11.18	2500	NJ
2.		UNKNOWN	11.79	330	J
3.		UNKNOWN	13.20	310	J
4.	548-39-0	1H-PHENALEN-1-ONE	13.35	490	NJ
5.	132-65-0	DIBENZOTHIOPHENE	13.48	380	NJ
6.		UNKNOWN	13.90	540	J
7.		UNKNOWN	14.03	400	J
8.	2416-20-8	HEXADECENOIC ACID, Z-11-	14.23	680	NJ
9.	57-10-3	N-HEXADECANOIC ACID	14.33	890	NJ
10.	203-64-5	4H-CYCLOPENTA[DEF]PHENANTHRE	14.45	680	NJ
11.		UNKNOWN	14.54	470	J
12.		UNKNOWN	14.67	370	J
13.	84-65-1	9,10-ANTHRACENEDIONE	14.73	1400	NJ
14.	1000130-82-4	Z-8-METHYL-9-TETRADECEN-1-OL	14.87	3300	NJ
15.		UNKNOWN	15.03	400	J
16.		UNKNOWN	15.13	510	J
17.		UNKNOWN	15.51	470	J
18.	243-17-4	11H-BENZO[B]FLUORENE	15.95	830	NJ
19.	239-35-0	BENZO[B]NAPHTHO[2,1-D]THIOPH	16.74	450	NJ
20.		UNKNOWN	16.80	1400	J
21.	479-79-8	11H-BENZO[A]FLUOREN-11-ONE	16.86	320	NJ
22.		UNKNOWN	17.72	580	J
23.	7390-81-0	OXIRANE, HEXADECYL-	18.18	2300	NJ
24.	10191-41-0	VITAMIN E	19.88	10000	NJ
25.		UNKNOWN	20.13	4000	J
26.		UNKNOWN	21.10	4200	J
27.	83-47-6	.GAMMA.-SITOSTEROL	21.68	18000	NJ
28.		UNKNOWN	22.17	5400	J
29.	1058-61-3	STIGMAST-4-EN-3-ONE	23.00	7600	NJ
30.		UNKNOWN	24.45	14000	JB

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SD02-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9462

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 79 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
100-52-7	Benzaldehyde	1600 U
108-95-2	Phenol	1600 U
111-44-4	bis(2-Chloroethyl)Ether	1600 U
95-57-8	2-Chlorophenol	1600 U
95-48-7	2-Methylphenol	1600 U
108-60-1	2,2'-oxybis(1-Chloropropane)	1600 U
98-86-2	Acetophenone	1600 U
106-44-5	4-Methylphenol	1600 U
621-64-7	N-Nitroso-di-n-propylamine	1600 U
67-72-1	Hexachloroethane	1600 U
98-95-3	Nitrobenzene	1600 U
78-59-1	Isophorone	1600 U
88-75-5	2-Nitrophenol	1600 U
105-67-9	2,4-Dimethylphenol	1600 U
111-91-1	bis(2-Chloroethoxy)methane	1600 U
120-83-2	2,4-Dichlorophenol	1600 U
91-20-3	Naphthalene	210 J
106-47-8	4-Chloroaniline	1600 U
87-68-3	Hexachlorobutadiene	1600 U
105-60-2	Caprolactam	1600 U
59-50-7	4-Chloro-3-Methylphenol	1600 U
91-57-6	2-Methylnaphthalene	1600 U
77-47-4	Hexachlorocyclopentadiene	1600 U
88-06-2	2,4,6-Trichlorophenol	1600 U
95-95-4	2,4,5-Trichlorophenol	4000 U
92-52-4	1,1'-Biphenyl	1600 U
91-58-7	2-Chloronaphthalene	1600 U
88-74-4	2-Nitroaniline	4000 U
131-11-3	Dimethylphthalate	1600 U
606-20-2	2,6-Dinitrotoluene	1600 U
208-96-8	Acenaphthylene	930 J
99-09-2	3-Nitroaniline	4000 U
83-32-9	Acenaphthene	170 J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9462

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 79 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	4000	U
100-02-7	4-Nitrophenol	4000	U
132-64-9	Dibenzofuran	270	J
121-14-2	2,4-Dinitrotoluene	1600	U
84-66-2	Diethylphthalate	1600	U
86-73-7	Fluorene	310	J
7005-72-3	4-Chlorophenyl-phenylether	1600	U
100-01-6	4-Nitroaniline	4000	U
534-52-1	4,6-Dinitro-2-methylphenol	4000	U
86-30-6	N-Nitrosodiphenylamine (1)	1600	U
101-55-3	4-Bromophenyl-phenylether	1600	U
118-74-1	Hexachlorobenzene	1600	U
1912-24-9	Atrazine	1600	U
87-86-5	Pentachlorophenol	4000	U
85-01-8	Phenanthrene	13000	E
120-12-7	Anthracene	640	J
86-74-8	Carbazole	1600	
84-74-2	Di-n-butylphthalate	1600	U
206-44-0	Fluoranthene	36000	E
129-00-0	Pyrene	17000	E
85-68-7	Butylbenzylphthalate	1600	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
56-55-3	Benzo(a)anthracene	4000	
218-01-9	Chrysene	16000	E
117-81-7	bis(2-Ethylhexyl)phthalate	900	JB
117-84-0	Di-n-octylphthalate	1600	U
205-99-2	Benzo(b)fluoranthene	25000	E
207-08-9	Benzo(k)fluoranthene	5900	
50-32-8	Benzo(a)pyrene	9300	
193-39-5	Indeno(1,2,3-cd)pyrene	7300	
53-70-3	Dibenzo(a,h)anthracene	1800	
191-24-2	Benzo(g,h,i)perylene	8300	

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD02-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9462

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 79 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

Number TICs found: 30

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	112-42-5	1-UNDECANOL	11.17	3500	NJ
2.	3076-04-8	2-PROPENOIC ACID, TRIDECYL E	12.77	970	NJ
3.		UNKNOWN	12.82	650	J
4.	486-25-9	9H-FLUOREN-9-ONE	13.35	1100	NJ
5.		UNKNOWN	13.79	570	J
6.	1089-40-3	1,2-DIOCTYLCYCLOPROPENE	13.89	1400	NJ
7.		UNKNOWN	14.03	800	J
8.		UNKNOWN	14.24	2400	J
9.	6109-24-6	1A,9B-DIHYDRO-1H-CYCLOPROPA[	14.33	2200	NJ
10.	203-64-5	4H-CYCLOPENTA[DEF]PHENANTHRE	14.45	1100	NJ
11.	230-17-1	BENZO[C]CINNOLINE	14.72	3000	NJ
12.		UNKNOWN	14.87	4000	J
13.		UNKNOWN	15.02	850	J
14.		UNKNOWN	15.13	1300	J
15.	243-17-4	11H-BENZO[B]FLUORENE	15.94	1400	NJ
16.	479-79-8	11H-BENZO[A]FLUOREN-11-ONE	16.59	510	NJ
17.	239-35-0	BENZO[B]NAPHTHO[2,1-D]THIOPH	16.74	800	NJ
18.	479-79-8	11H-BENZO[A]FLUOREN-11-ONE	16.86	770	NJ
19.		UNKNOWN	17.34	620	J
20.		UNKNOWN	17.71	760	J
21.	111-02-4	2,6,10,14,18,22-TETRACOSAHEX	18.08	4000	NJ
22.	1000155-85-0	BICYCLO[10.8.0]EICOSANE, (E)	18.18	4100	NJ
23.	192-97-2	BENZO[E]PYRENE	18.84	13000	NJ
24.	59-02-9	VITAMIN E	19.88	19000	NJ
25.	1000210-38-4	17-(1,5-DIMETHYLHEXYL)-10,13	20.12	13000	NJ
26.		UNKNOWN	21.12	8100	J
27.	83-46-5	.BETA.-SITOSTEROL	21.68	31000	NJ
28.		UNKNOWN	22.18	7600	J
29.		UNKNOWN	23.01	12000	J
30.		UNKNOWN	24.47	25000	JB

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SD02-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02ADL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9465

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 79 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
100-52-7	Benzaldehyde	7900	U
108-95-2	Phenol	7900	U
111-44-4	bis(2-Chloroethyl)Ether	7900	U
95-57-8	2-Chlorophenol	7900	U
95-48-7	2-Methylphenol	7900	U
108-60-1	2,2'-oxybis(1-Chloropropane)	7900	U
98-86-2	Acetophenone	7900	U
106-44-5	4-Methylphenol	7900	U
621-64-7	N-Nitroso-di-n-propylamine	7900	U
67-72-1	Hexachloroethane	7900	U
98-95-3	Nitrobenzene	7900	U
78-59-1	Isophorone	7900	U
88-75-5	2-Nitrophenol	7900	U
105-67-9	2,4-Dimethylphenol	7900	U
111-91-1	bis(2-Chloroethoxy)methane	7900	U
120-83-2	2,4-Dichlorophenol	7900	U
91-20-3	Naphthalene	7900	U
106-47-8	4-Chloroaniline	7900	U
87-68-3	Hexachlorobutadiene	7900	U
105-60-2	Caprolactam	7900	U
59-50-7	4-Chloro-3-Methylphenol	7900	U
91-57-6	2-Methylnaphthalene	7900	U
77-47-4	Hexachlorocyclopentadiene	7900	U
88-06-2	2,4,6-Trichlorophenol	7900	U
95-95-4	2,4,5-Trichlorophenol	20000	U
92-52-4	1,1'-Biphenyl	7900	U
91-58-7	2-Chloronaphthalene	7900	U
88-74-4	2-Nitroaniline	20000	U
131-11-3	Dimethylphthalate	7900	U
606-20-2	2,6-Dinitrotoluene	7900	U
208-96-8	Acenaphthylene	1000	DJ
99-09-2	3-Nitroaniline	20000	U
83-32-9	Acenaphthene	7900	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02ADL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9465

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 79 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
51-28-5	2,4-Dinitrophenol	20000 U
100-02-7	4-Nitrophenol	20000 U
132-64-9	Dibenzofuran	7900 U
121-14-2	2,4-Dinitrotoluene	7900 U
84-66-2	Diethylphthalate	7900 U
86-73-7	Fluorene	7900 U
7005-72-3	4-Chlorophenyl-phenylether	7900 U
100-01-6	4-Nitroaniline	20000 U
534-52-1	4,6-Dinitro-2-methylphenol	20000 U
86-30-6	N-Nitrosodiphenylamine (1)	7900 U
101-55-3	4-Bromophenyl-phenylether	7900 U
118-74-1	Hexachlorobenzene	7900 U
1912-24-9	Atrazine	7900 U
87-86-5	Pentachlorophenol	20000 U
85-01-8	Phenanthrene	9700 D
120-12-7	Anthracene	7900 U
86-74-8	Carbazole	1300 DJ
84-74-2	Di-n-butylphthalate	7900 U
206-44-0	Fluoranthene	15000 D
129-00-0	Pyrene	14000 D
85-68-7	Butylbenzylphthalate	7900 U
91-94-1	3,3'-Dichlorobenzidine	7900 U
56-55-3	Benzo(a)anthracene	4100 DJ
218-01-9	Chrysene	13000 D
117-81-7	bis(2-Ethylhexyl)phthalate	950 DJB
117-84-0	Di-n-octylphthalate	7900 U
205-99-2	Benzo(b)fluoranthene	16000 D
207-08-9	Benzo(k)fluoranthene	6900 DJ
50-32-8	Benzo(a)pyrene	7900 D
193-39-5	Indeno(1,2,3-cd)pyrene	6200 DJ
53-70-3	Dibenzo(a,h)anthracene	1400 DJ
191-24-2	Benzo(g,h,i)perylene	7400 DJ

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD02-S-ODL

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02ADL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9465

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 79 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	112-42-5	1-UNDECANOL	11.18	3900	NJD
2.		UNKNOWN	13.89	1800	JD
3.	84-65-1	9,10-ANTHRACENEDIONE	14.72	3400	NJD
4.		UNKNOWN	14.87	3900	JD
5.		UNKNOWN	15.95	2200	JD
6.		UNKNOWN	16.80	4300	JD
7.	479-79-8	11H-BENZO[A]FLUOREN-11-ONE	16.86	2300	NJD
8.	198-55-0	PERYLENE	18.82	9700	NJD
9.	10191-41-0	VITAMIN E	19.87	18000	NJD
10.	1000214-20-7	STIGMASTEROL, 22,23-DIHYDRO-	21.66	24000	NJD
11.					
12.					
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD03-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-01A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9452

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 70 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)Ether	1100	U
95-57-8	2-Chlorophenol	1100	U
95-48-7	2-Methylphenol	1100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1100	U
98-86-2	Acetophenone	1100	U
106-44-5	4-Methylphenol	1100	U
621-64-7	N-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
105-60-2	Caprolactam	1100	U
59-50-7	4-Chloro-3-Methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
95-95-4	2,4,5-Trichlorophenol	2800	U
92-52-4	1,1'-Biphenyl	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	2800	U
131-11-3	Dimethylphthalate	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
208-96-8	Acenaphthylene	1100	U
99-09-2	3-Nitroaniline	2800	U
83-32-9	Acenaphthene	1100	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD03-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-01A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9452

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 70 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
51-28-5	2,4-Dinitrophenol	2800 U
100-02-7	4-Nitrophenol	2800 U
132-64-9	Dibenzofuran	1100 U
121-14-2	2,4-Dinitrotoluene	1100 U
84-66-2	Diethylphthalate	1100 U
86-73-7	Fluorene	1100 U
7005-72-3	4-Chlorophenyl-phenylether	1100 U
100-01-6	4-Nitroaniline	2800 U
534-52-1	4,6-Dinitro-2-methylphenol	2800 U
86-30-6	N-Nitrosodiphenylamine (1)	1100 U
101-55-3	4-Bromophenyl-phenylether	1100 U
118-74-1	Hexachlorobenzene	1100 U
1912-24-9	Atrazine	1100 U
87-86-5	Pentachlorophenol	2800 U
85-01-8	Phenanthrene	120 J
120-12-7	Anthracene	1100 U
86-74-8	Carbazole	1100 U
84-74-2	Di-n-butylphthalate	1100 U
206-44-0	Fluoranthene	310 J
129-00-0	Pyrene	270 J
85-68-7	Butylbenzylphthalate	1100 U
91-94-1	3,3'-Dichlorobenzidine	1100 U
56-55-3	Benzo(a)anthracene	210 J
218-01-9	Chrysene	200 J
117-81-7	bis(2-Ethylhexyl)phthalate	130 JB
117-84-0	Di-n-octylphthalate	1100 U
205-99-2	Benzo(b)fluoranthene	280 J
207-08-9	Benzo(k)fluoranthene	150 J
50-32-8	Benzo(a)pyrene	230 J
193-39-5	Indeno(1,2,3-cd)pyrene	150 J
53-70-3	Dibenzo(a,h)anthracene	1100 U
191-24-2	Benzo(g,h,i)perylene	190 J

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD03-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-01A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9452

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 70 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

Number TICs found: 29

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	6.21	410	J
2.		UNKNOWN	8.21	230	J
3.		UNKNOWN	9.77	610	J
4.		UNKNOWN	10.57	330	J
5.	112-53-8	1-DODECANOL	11.16	2700	NJ
6.		UNKNOWN	14.33	240	J
7.		UNKNOWN	14.39	1700	J
8.		UNKNOWN	14.53	1400	J
9.		UNKNOWN	14.65	260	J
10.		UNKNOWN	14.86	590	J
11.		UNKNOWN	15.36	340	J
12.		UNKNOWN	15.42	250	J
13.		UNKNOWN	15.47	290	J
14.		UNKNOWN	15.75	1600	J
15.		UNKNOWN	15.98	370	J
16.	17066-67-0	NAPHTHALENE, DECAHYDRO-4A-ME	16.14	340	NJ
17.		UNKNOWN	16.26	400	J
18.	112-84-5	13-DOCOSENAMIDE, (Z)-	17.95	430	NJ
19.		UNKNOWN	19.86	330	J
20.		UNKNOWN	20.12	470	J
21.		UNKNOWN	20.42	760	J
22.	474-62-4	CAMPESTEROL	20.90	1800	NJ
23.		UNKNOWN	21.10	1600	J
24.		UNKNOWN	21.28	440	J
25.	83-47-6	.GAMMA.-SITOSTEROL	21.63	6600	NJ
26.		UNKNOWN	22.09	2100	J
27.		UNKNOWN	22.66	360	J
28.		UNKNOWN	22.91	2000	J
29.		UNKNOWN	24.38	12000	JB
30.					

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD04-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-14A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9431

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 71 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)Ether	1100	U
95-57-8	2-Chlorophenol	1100	U
95-48-7	2-Methylphenol	1100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1100	U
98-86-2	Acetophenone	1100	U
106-44-5	4-Methylphenol	1100	U
621-64-7	N-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
105-60-2	Caprolactam	1100	U
59-50-7	4-Chloro-3-Methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
95-95-4	2,4,5-Trichlorophenol	2900	U
92-52-4	1,1'-Biphenyl	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	2900	U
131-11-3	Dimethylphthalate	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
208-96-8	Acenaphthylene	1100	U
99-09-2	3-Nitroaniline	2900	U
83-32-9	Acenaphthene	1100	U

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SD04-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-14A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9431

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 71 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	2900	U
100-02-7	4-Nitrophenol	2900	U
132-64-9	Dibenzofuran	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	2900	U
534-52-1	4,6-Dinitro-2-methylphenol	2900	U
86-30-6	N-Nitrosodiphenylamine (1)	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
1912-24-9	Atrazine	1100	U
87-86-5	Pentachlorophenol	2900	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
86-74-8	Carbazole	1100	U
84-74-2	Di-n-butylphthalate	1100	U
206-44-0	Fluoranthene	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
56-55-3	Benzo(a)anthracene	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	130	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo(b)fluoranthene	1100	U
207-08-9	Benzo(k)fluoranthene	1100	U
50-32-8	Benzo(a)pyrene	1100	U
193-39-5	Indeno(1,2,3-cd)pyrene	1100	U
53-70-3	Dibenzo(a,h)anthracene	1100	U
191-24-2	Benzo(g,h,i)perylene	1100	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD04-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-14A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9431

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 71 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

Number TICs found: 24

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	16.26	430	J
2.		UNKNOWN	16.36	340	J
3.		UNKNOWN	16.43	340	J
4.		UNKNOWN	16.90	510	J
5.		UNKNOWN	17.60	730	J
6.	111-02-4	2,6,10,14,18,22-TETRACOSAHEX	18.06	890	NJ
7.		UNKNOWN	18.19	380	J
8.	7390-81-0	OXIRANE, HEXADECYL-	19.16	300	NJ
9.		UNKNOWN	19.38	1200	J
10.		UNKNOWN	19.92	580	J
11.		UNKNOWN	20.10	410	J
12.		UNKNOWN	20.48	300	J
13.		UNKNOWN	20.78	670	J
14.	107304-12-1	STIGMASTAN-6,22-DIEN, 3,5-DE	21.07	2100	NJ
15.	83-47-6	.GAMMA.-SITOSTEROL	21.61	7000	NJ
16.	1000188-66-5	2(1H)NAPHTHALENONE, 3,5,6,7,	21.89	11000	NJ
17.		UNKNOWN	22.10	2500	J
18.	1000188-66-5	2(1H)NAPHTHALENONE, 3,5,6,7,	22.23	9100	NJ
19.		UNKNOWN	22.33	5000	J
20.		UNKNOWN	22.77	7200	J
21.	1058-61-3	STIGMAST-4-EN-3-ONE	22.91	3100	NJ
22.		UNKNOWN	23.42	5700	J
23.		UNKNOWN	23.65	520	J
24.		UNKNOWN	24.34	25000	JB
25.					
26.					
27.					
28.					
29.					
30.					

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD05-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-08A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9446

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 76 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1400	U
108-95-2	Phenol	1400	U
111-44-4	bis(2-Chloroethyl)Ether	1400	U
95-57-8	2-Chlorophenol	1400	U
95-48-7	2-Methylphenol	1400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1400	U
98-86-2	Acetophenone	1400	U
106-44-5	4-Methylphenol	1400	U
621-64-7	N-Nitroso-di-n-propylamine	1400	U
67-72-1	Hexachloroethane	1400	U
98-95-3	Nitrobenzene	1400	U
78-59-1	Isophorone	1400	U
88-75-5	2-Nitrophenol	1400	U
105-67-9	2,4-Dimethylphenol	1400	U
111-91-1	bis(2-Chloroethoxy)methane	1400	U
120-83-2	2,4-Dichlorophenol	1400	U
91-20-3	Naphthalene	1400	U
106-47-8	4-Chloroaniline	1400	U
87-68-3	Hexachlorobutadiene	1400	U
105-60-2	Caprolactam	1400	U
59-50-7	4-Chloro-3-Methylphenol	1400	U
91-57-6	2-Methylnaphthalene	1400	U
77-47-4	Hexachlorocyclopentadiene	1400	U
88-06-2	2,4,6-Trichlorophenol	1400	U
95-95-4	2,4,5-Trichlorophenol	3500	U
92-52-4	1,1'-Biphenyl	1400	U
91-58-7	2-Chloronaphthalene	1400	U
88-74-4	2-Nitroaniline	3500	U
131-11-3	Dimethylphthalate	1400	U
606-20-2	2,6-Dinitrotoluene	1400	U
208-96-8	Acenaphthylene	1400	U
99-09-2	3-Nitroaniline	3500	U
83-32-9	Acenaphthene	1400	U

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SD05-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-08A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9446

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 76 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	3500	U
100-02-7	4-Nitrophenol	3500	U
132-64-9	Dibenzofuran	1400	U
121-14-2	2,4-Dinitrotoluene	1400	U
84-66-2	Diethylphthalate	1400	U
86-73-7	Fluorene	1400	U
7005-72-3	4-Chlorophenyl-phenylether	1400	U
100-01-6	4-Nitroaniline	3500	U
534-52-1	4,6-Dinitro-2-methylphenol	3500	U
86-30-6	N-Nitrosodiphenylamine (1)	1400	U
101-55-3	4-Bromophenyl-phenylether	1400	U
118-74-1	Hexachlorobenzene	1400	U
1912-24-9	Atrazine	1400	U
87-86-5	Pentachlorophenol	3500	U
85-01-8	Phenanthrene	1400	U
120-12-7	Anthracene	1400	U
86-74-8	Carbazole	1400	U
84-74-2	Di-n-butylphthalate	1400	U
206-44-0	Fluoranthene	1400	U
129-00-0	Pyrene	190	J
85-68-7	Butylbenzylphthalate	1400	U
91-94-1	3,3'-Dichlorobenzidine	1400	U
56-55-3	Benzo(a)anthracene	1400	U
218-01-9	Chrysene	1400	U
117-81-7	bis(2-Ethylhexyl)phthalate	340	JB
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo(b)fluoranthene	1400	U
207-08-9	Benzo(k)fluoranthene	1400	U
50-32-8	Benzo(a)pyrene	1400	U
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U
53-70-3	Dibenzo(a,h)anthracene	1400	U
191-24-2	Benzo(g,h,i)perylene	1400	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD05-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-08A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9446

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 76 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

Number TICs found: 28

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	9.02	360	J
2.		UNKNOWN	9.78	390	J
3.		UNKNOWN	10.23	310	J
4.		UNKNOWN	10.96	650	J
5.		UNKNOWN	11.02	310	J
6.		UNKNOWN	11.29	520	J
7.		UNKNOWN	11.78	380	J
8.		UNKNOWN	11.97	380	J
9.		UNKNOWN	12.02	280	J
10.		UNKNOWN	12.07	440	J
11.		UNKNOWN	13.93	330	J
12.	2091-29-4	9-HEXADECENOIC ACID	14.22	1000	NJ
13.	57-10-3	N-HEXADECANOIC ACID	14.30	880	NJ
14.		UNKNOWN	15.01	520	J
15.		UNKNOWN	15.15	380	J
16.	3674-73-5	PHENANTHRENE, 2,3,5-TRIMETHY	15.58	310	NJ
17.		UNKNOWN	15.92	470	J
18.		UNKNOWN	16.27	580	J
19.		UNKNOWN	17.70	380	J
20.		UNKNOWN	17.96	780	J
21.		UNKNOWN	18.07	1300	J
22.	53584-60-4	28-NOR-17.ALPHA.(H)-HOPANE	19.86	1900	NJ
23.		UNKNOWN	20.42	1300	J
24.	83-46-5	.BETA.-SITOSTEROL	21.61	6500	NJ
25.		UNKNOWN	22.24	1200	J
26.		UNKNOWN	22.36	2300	J
27.	1058-61-3	STIGMAST-4-EN-3-ONE	22.94	3300	NJ
28.		UNKNOWN	24.40	19000	JB
29.					
30.					

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD06-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-09A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A9438

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 55 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
100-52-7	Benzaldehyde	730 U
108-95-2	Phenol	730 U
111-44-4	bis(2-Chloroethyl)Ether	730 U
95-57-8	2-Chlorophenol	730 U
95-48-7	2-Methylphenol	730 U
108-60-1	2,2'-oxybis(1-Chloropropane)	730 U
98-86-2	Acetophenone	730 U
106-44-5	4-Methylphenol	730 U
621-64-7	N-Nitroso-di-n-propylamine	730 U
67-72-1	Hexachloroethane	730 U
98-95-3	Nitrobenzene	730 U
78-59-1	Isophorone	730 U
88-75-5	2-Nitrophenol	730 U
105-67-9	2,4-Dimethylphenol	730 U
111-91-1	bis(2-Chloroethoxy)methane	730 U
120-83-2	2,4-Dichlorophenol	730 U
91-20-3	Naphthalene	730 U
106-47-8	4-Chloroaniline	730 U
87-68-3	Hexachlorobutadiene	730 U
105-60-2	Caprolactam	730 U
59-50-7	4-Chloro-3-Methylphenol	730 U
91-57-6	2-Methylnaphthalene	730 U
77-47-4	Hexachlorocyclopentadiene	730 U
88-06-2	2,4,6-Trichlorophenol	730 U
95-95-4	2,4,5-Trichlorophenol	1800 U
92-52-4	1,1'-Biphenyl	730 U
91-58-7	2-Chloronaphthalene	730 U
88-74-4	2-Nitroaniline	1800 U
131-11-3	Dimethylphthalate	730 U
606-20-2	2,6-Dinitrotoluene	730 U
208-96-8	Acenaphthylene	730 U
99-09-2	3-Nitroaniline	1800 U
83-32-9	Acenaphthene	730 U

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SD06-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-09A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A9438

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 55 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	730	U
121-14-2	2,4-Dinitrotoluene	730	U
84-66-2	Diethylphthalate	730	U
86-73-7	Fluorene	730	U
7005-72-3	4-Chlorophenyl-phenylether	730	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	730	U
101-55-3	4-Bromophenyl-phenylether	730	U
118-74-1	Hexachlorobenzene	730	U
1912-24-9	Atrazine	730	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	150	J
120-12-7	Anthracene	730	U
86-74-8	Carbazole	730	U
84-74-2	Di-n-butylphthalate	730	U
206-44-0	Fluoranthene	230	J
129-00-0	Pyrene	190	J
85-68-7	Butylbenzylphthalate	730	U
91-94-1	3,3'-Dichlorobenzidine	730	U
56-55-3	Benzo(a)anthracene	110	J
218-01-9	Chrysene	130	J
117-81-7	bis(2-Ethylhexyl)phthalate	92	JB
117-84-0	Di-n-octylphthalate	730	U
205-99-2	Benzo(b)fluoranthene	150	J
207-08-9	Benzo(k)fluoranthene	81	J
50-32-8	Benzo(a)pyrene	110	J
193-39-5	Indeno(1,2,3-cd)pyrene	730	U
53-70-3	Dibenzo(a,h)anthracene	730	U
191-24-2	Benzo(g,h,i)perylene	730	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD06-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-09A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A9438

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 55 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

Number TICs found: 18

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	13.88	210	J
2.		UNKNOWN	15.10	200	J
3.		UNKNOWN	16.26	150	J
4.		UNKNOWN	16.63	200	J
5.	67860-04-2	OXIRANE, HEPTADECYL-	17.34	230	NJ
6.	480-40-0	CHRYSIN	17.78	170	NJ
7.	638-66-4	OCTADECANAL	18.15	780	NJ
8.		UNKNOWN	18.47	410	J
9.	18633-25-5	OXIRANE, TRIDECYL-	19.16	270	NJ
10.		UNKNOWN	19.55	340	J
11.		UNKNOWN	19.83	150	J
12.	7494-34-0	26-NOR-5-CHOLESTEN-3.BETA.-O	20.08	520	NJ
13.		UNKNOWN	20.47	210	J
14.	83-46-5	.BETA.-SITOSTEROL	21.61	2000	NJ
15.		UNKNOWN	21.88	290	J
16.		UNKNOWN	22.08	360	J
17.		UNKNOWN	22.90	590	J
18.		UNKNOWN	24.37	6300	JB
19.					
20.					
21.					
22.					
23.					
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27.					
28.					
29.					
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-M

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07A

Sample wt/vol: 30.0(g/mL) G Lab File ID: S4A9441

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N)N Date Extracted: 08/12/05

Concentrated Extract Volume: 500(uL) Date Analyzed: 08/24/05

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
100-52-7	Benzaldehyde	620	U
108-95-2	Phenol	620	U
111-44-4	bis(2-Chloroethyl)Ether	620	U
95-57-8	2-Chlorophenol	620	U
95-48-7	2-Methylphenol	620	U
108-60-1	2,2'-oxybis(1-Chloropropane)	620	U
98-86-2	Acetophenone	620	U
106-44-5	4-Methylphenol	620	U
621-64-7	N-Nitroso-di-n-propylamine	620	U
67-72-1	Hexachloroethane	620	U
98-95-3	Nitrobenzene	620	U
78-59-1	Isophorone	620	U
88-75-5	2-Nitrophenol	620	U
105-67-9	2,4-Dimethylphenol	620	U
111-91-1	bis(2-Chloroethoxy)methane	620	U
120-83-2	2,4-Dichlorophenol	620	U
91-20-3	Naphthalene	77	J
106-47-8	4-Chloroaniline	620	U
87-68-3	Hexachlorobutadiene	620	U
105-60-2	Caprolactam	620	U
59-50-7	4-Chloro-3-Methylphenol	620	U
91-57-6	2-Methylnaphthalene	67	J
77-47-4	Hexachlorocyclopentadiene	620	U
88-06-2	2,4,6-Trichlorophenol	620	U
95-95-4	2,4,5-Trichlorophenol	1600	U
92-52-4	1,1'-Biphenyl	620	U
91-58-7	2-Chloronaphthalene	620	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	620	U
606-20-2	2,6-Dinitrotoluene	620	U
208-96-8	Acenaphthylene	120	J
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	360	J

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-M

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07A

Sample wt/vol: 30.0(g/mL) G Lab File ID: S4A9441

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N)N Date Extracted: 08/12/05

Concentrated Extract Volume: 500(uL) Date Analyzed: 08/24/05

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	240	J
121-14-2	2,4-Dinitrotoluene	620	U
84-66-2	Diethylphthalate	620	U
86-73-7	Fluorene	390	J
7005-72-3	4-Chlorophenyl-phenylether	620	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	620	U
101-55-3	4-Bromophenyl-phenylether	620	U
118-74-1	Hexachlorobenzene	620	U
1912-24-9	Atrazine	620	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	4600	
120-12-7	Anthracene	1000	
86-74-8	Carbazole	530	J
84-74-2	Di-n-butylphthalate	2600	
206-44-0	Fluoranthene	5300	E
129-00-0	Pyrene	3800	
85-68-7	Butylbenzylphthalate	620	U
91-94-1	3,3'-Dichlorobenzidine	620	U
56-55-3	Benzo(a)anthracene	2300	
218-01-9	Chrysene	1900	
117-81-7	bis(2-Ethylhexyl)phthalate	90	JB
117-84-0	Di-n-octylphthalate	620	U
205-99-2	Benzo(b)fluoranthene	2500	
207-08-9	Benzo(k)fluoranthene	890	
50-32-8	Benzo(a)pyrene	1900	
193-39-5	Indeno(1,2,3-cd)pyrene	900	
53-70-3	Dibenzo(a,h)anthracene	310	J
191-24-2	Benzo(g,h,i)perylene	950	

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD07-S-M

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9441

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

Number TICs found: 30

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	9.78	170	J
2.	872-05-9	1-DECENE	11.17	1400	NJ
3.		UNKNOWN	12.09	150	J
4.		UNKNOWN	12.81	180	J
5.		UNKNOWN	13.07	180	J
6.		UNKNOWN	13.18	170	J
7.		UNKNOWN	13.40	150	J
8.	132-65-0	DIBENZOTHIOPHENE	13.47	300	NJ
9.	230-27-3	BENZO[H]QUINOLINE	13.76	170	NJ
10.		UNKNOWN	14.28	520	J
11.	2531-84-2	PHENANTHRENE, 2-METHYL-	14.32	680	NJ
12.		UNKNOWN	14.38	210	J
13.		UNKNOWN	14.43	1000	J
14.	35465-71-5	2-PHENYLNAPHTHALENE	14.67	480	NJ
15.	84-65-1	9,10-ANTHRACENEDIONE	14.70	280	NJ
16.	781-92-0	ANTHRACENE, 1,4-DIMETHYL-	15.00	400	NJ
17.		UNKNOWN	15.05	220	J
18.	132545-36-9	1-METHYL-4-ETHYL 2-PHENYLSUC	15.11	220	NJ
19.	2381-21-7	PYRENE, 1-METHYL-	15.80	150	NJ
20.	33543-31-6	FLUORANTHENE, 2-METHYL-	15.93	320	NJ
21.	243-17-4	11H-BENZO[B]FLUORENE	16.01	160	NJ
22.		UNKNOWN	16.06	130	J
23.	239-35-0	BENZO[B]NAPHTHO[2,1-D]THIOPH	16.72	130	NJ
24.		UNKNOWN	16.79	200	J
25.		UNKNOWN	17.17	130	J
26.		UNKNOWN	17.42	260	J
27.	6111-78-0	BENZ[A]ANTHRACENE, 11-METHYL	17.52	140	NJ
28.	112-84-5	13-DOCOSENAMIDE, (Z)-	17.96	200	NJ
29.	192-97-2	BENZO[E]PYRENE	18.53	440	NJ
30.		UNKNOWN	24.40	7100	JB

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MDL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07ADL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9455

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)Ether	1200	U
95-57-8	2-Chlorophenol	1200	U
95-48-7	2-Methylphenol	1200	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1200	U
98-86-2	Acetophenone	1200	U
106-44-5	4-Methylphenol	1200	U
621-64-7	N-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
105-60-2	Caprolactam	1200	U
59-50-7	4-Chloro-3-Methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
95-95-4	2,4,5-Trichlorophenol	3100	U
92-52-4	1,1'-Biphenyl	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	3100	U
131-11-3	Dimethylphthalate	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
208-96-8	Acenaphthylene	1200	U
99-09-2	3-Nitroaniline	3100	U
83-32-9	Acenaphthene	390	DJ

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MDL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07ADL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9455

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	3100	U
100-02-7	4-Nitrophenol	3100	U
132-64-9	Dibenzofuran	260	DJ
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	410	DJ
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	3100	U
534-52-1	4,6-Dinitro-2-methylphenol	3100	U
86-30-6	N-Nitrosodiphenylamine (1)	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
1912-24-9	Atrazine	1200	U
87-86-5	Pentachlorophenol	3100	U
85-01-8	Phenanthrene	4500	D
120-12-7	Anthracene	1100	DJ
86-74-8	Carbazole	570	DJ
84-74-2	Di-n-butylphthalate	2600	D
206-44-0	Fluoranthene	5200	D
129-00-0	Pyrene	3900	D
85-68-7	Butylbenzylphthalate	1200	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
56-55-3	Benzo(a)anthracene	2300	D
218-01-9	Chrysene	2200	D
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo(b)fluoranthene	2500	D
207-08-9	Benzo(k)fluoranthene	1200	DJ
50-32-8	Benzo(a)pyrene	2100	D
193-39-5	Indeno(1,2,3-cd)pyrene	1000	DJ
53-70-3	Dibenzo(a,h)anthracene	380	DJ
191-24-2	Benzo(g,h,i)perylene	1100	DJ

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD07-S-MDL

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07ADL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9455

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

Number TICs found: 15

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	9.57	260	JD
2.	132-65-0	DIBENZOTHIOPHENE	13.47	350	NJD
3.	832-69-9	PHENANTHRENE, 1-METHYL-	14.28	500	NJD
4.	610-48-0	ANTHRACENE, 1-METHYL-	14.32	660	NJD
5.		UNKNOWN	14.43	1100	JD
6.	5672-97-9	5,16[1',2']:8,13[1'',2'']-DI	14.67	540	NJD
7.	84-65-1	9,10-ANTHRACENEDIONE	14.70	310	NJD
8.	16606-46-5	NAPHTHALENE, 1,2-DIHYDRO-1-P	15.00	450	NJD
9.	243-17-4	11H-BENZO[B]FLUORENE	15.92	500	NJD
10.		UNKNOWN	16.79	270	JD
11.		UNKNOWN	17.41	390	JD
12.		UNKNOWN	17.96	290	JD
13.	192-97-2	BENZO[E]PYRENE	18.79	1500	NJD
14.		UNKNOWN	21.62	1200	JD
15.		UNKNOWN	24.38	7300	JBD
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17.					
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MMS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07AMS

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9437

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	620	U
108-95-2	Phenol	330	J
111-44-4	bis(2-Chloroethyl)Ether	620	U
95-57-8	2-Chlorophenol	320	J
95-48-7	2-Methylphenol	620	U
108-60-1	2,2'-oxybis(1-Chloropropane)	620	U
98-86-2	Acetophenone	620	U
106-44-5	4-Methylphenol	620	U
621-64-7	N-Nitroso-di-n-propylamine	220	J
67-72-1	Hexachloroethane	620	U
98-95-3	Nitrobenzene	620	U
78-59-1	Isophorone	620	U
88-75-5	2-Nitrophenol	620	U
105-67-9	2,4-Dimethylphenol	620	U
111-91-1	bis(2-Chloroethoxy)methane	620	U
120-83-2	2,4-Dichlorophenol	620	U
91-20-3	Naphthalene	620	U
106-47-8	4-Chloroaniline	620	U
87-68-3	Hexachlorobutadiene	620	U
105-60-2	Caprolactam	620	U
59-50-7	4-Chloro-3-Methylphenol	410	J
91-57-6	2-Methylnaphthalene	620	U
77-47-4	Hexachlorocyclopentadiene	620	U
88-06-2	2,4,6-Trichlorophenol	620	U
95-95-4	2,4,5-Trichlorophenol	1600	U
92-52-4	1,1'-Biphenyl	620	U
91-58-7	2-Chloronaphthalene	620	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	620	U
606-20-2	2,6-Dinitrotoluene	620	U
208-96-8	Acenaphthylene	620	U
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	300	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MMS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07AMS

Sample wt/vol: 30.0(g/mL) G Lab File ID: S4A9437

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N)N Date Extracted: 08/12/05

Concentrated Extract Volume: 500(uL) Date Analyzed: 08/24/05

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	470	J
132-64-9	Dibenzofuran	620	U
121-14-2	2,4-Dinitrotoluene	270	J
84-66-2	Diethylphthalate	620	U
86-73-7	Fluorene	620	U
7005-72-3	4-Chlorophenyl-phenylether	620	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	620	U
101-55-3	4-Bromophenyl-phenylether	620	U
118-74-1	Hexachlorobenzene	620	U
1912-24-9	Atrazine	620	U
87-86-5	Pentachlorophenol	240	J
85-01-8	Phenanthrene	490	J
120-12-7	Anthracene	120	J
86-74-8	Carbazole	620	U
84-74-2	Di-n-butylphthalate	620	U
206-44-0	Fluoranthene	550	J
129-00-0	Pyrene	800	
85-68-7	Butylbenzylphthalate	620	U
91-94-1	3,3'-Dichlorobenzidine	620	U
56-55-3	Benzo(a)anthracene	250	J
218-01-9	Chrysene	230	J
117-81-7	bis(2-Ethylhexyl)phthalate	620	U
117-84-0	Di-n-octylphthalate	620	U
205-99-2	Benzo(b)fluoranthene	230	J
207-08-9	Benzo(k)fluoranthene	100	J
50-32-8	Benzo(a)pyrene	200	J
193-39-5	Indeno(1,2,3-cd)pyrene	90	J
53-70-3	Dibenzo(a,h)anthracene	620	U
191-24-2	Benzo(g,h,i)perylene	98	J

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07AMSD

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9440

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	620	U
108-95-2	Phenol	3200	
111-44-4	bis(2-Chloroethyl)Ether	620	U
95-57-8	2-Chlorophenol	3000	
95-48-7	2-Methylphenol	620	U
108-60-1	2,2'-oxybis(1-Chloropropane)	620	U
98-86-2	Acetophenone	620	U
106-44-5	4-Methylphenol	620	U
621-64-7	N-Nitroso-di-n-propylamine	2100	
67-72-1	Hexachloroethane	620	U
98-95-3	Nitrobenzene	620	U
78-59-1	Isophorone	620	U
88-75-5	2-Nitrophenol	620	U
105-67-9	2,4-Dimethylphenol	620	U
111-91-1	bis(2-Chloroethoxy)methane	620	U
120-83-2	2,4-Dichlorophenol	620	U
91-20-3	Naphthalene	620	U
106-47-8	4-Chloroaniline	620	U
87-68-3	Hexachlorobutadiene	620	U
105-60-2	Caprolactam	620	U
59-50-7	4-Chloro-3-Methylphenol	4100	
91-57-6	2-Methylnaphthalene	620	U
77-47-4	Hexachlorocyclopentadiene	620	U
88-06-2	2,4,6-Trichlorophenol	620	U
95-95-4	2,4,5-Trichlorophenol	1600	U
92-52-4	1,1'-Biphenyl	620	U
91-58-7	2-Chloronaphthalene	620	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	620	U
606-20-2	2,6-Dinitrotoluene	620	U
208-96-8	Acenaphthylene	100	J
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	2700	

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07AMSD

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9440

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	4600	
132-64-9	Dibenzofuran	74	J
121-14-2	2,4-Dinitrotoluene	2500	
84-66-2	Diethylphthalate	620	U
86-73-7	Fluorene	98	J
7005-72-3	4-Chlorophenyl-phenylether	620	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	620	U
101-55-3	4-Bromophenyl-phenylether	620	U
118-74-1	Hexachlorobenzene	620	U
1912-24-9	Atrazine	620	U
87-86-5	Pentachlorophenol	4300	
85-01-8	Phenanthrene	1300	
120-12-7	Anthracene	330	J
86-74-8	Carbazole	120	J
84-74-2	Di-n-butylphthalate	620	U
206-44-0	Fluoranthene	2000	
129-00-0	Pyrene	4900	
85-68-7	Butylbenzylphthalate	620	U
91-94-1	3,3'-Dichlorobenzidine	620	U
56-55-3	Benzo(a)anthracene	880	
218-01-9	Chrysene	880	
117-81-7	bis(2-Ethylhexyl)phthalate	110	JB
117-84-0	Di-n-octylphthalate	620	U
205-99-2	Benzo(b)fluoranthene	950	
207-08-9	Benzo(k)fluoranthene	410	J
50-32-8	Benzo(a)pyrene	790	
193-39-5	Indeno(1,2,3-cd)pyrene	370	J
53-70-3	Dibenzo(a,h)anthracene	120	J
191-24-2	Benzo(g,h,i)perylene	390	J

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MRE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9524

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	200	J
108-95-2	Phenol	620	U
111-44-4	bis(2-Chloroethyl)Ether	620	U
95-57-8	2-Chlorophenol	620	U
95-48-7	2-Methylphenol	620	U
108-60-1	2,2'-oxybis(1-Chloropropane)	620	U
98-86-2	Acetophenone	620	U
106-44-5	4-Methylphenol	620	U
621-64-7	N-Nitroso-di-n-propylamine	620	U
67-72-1	Hexachloroethane	620	U
98-95-3	Nitrobenzene	620	U
78-59-1	Isophorone	620	U
88-75-5	2-Nitrophenol	620	U
105-67-9	2,4-Dimethylphenol	620	U
111-91-1	bis(2-Chloroethoxy)methane	620	U
120-83-2	2,4-Dichlorophenol	620	U
91-20-3	Naphthalene	620	U
106-47-8	4-Chloroaniline	620	U
87-68-3	Hexachlorobutadiene	620	U
105-60-2	Caprolactam	620	U
59-50-7	4-Chloro-3-Methylphenol	620	U
91-57-6	2-Methylnaphthalene	620	U
77-47-4	Hexachlorocyclopentadiene	620	U
88-06-2	2,4,6-Trichlorophenol	620	U
95-95-4	2,4,5-Trichlorophenol	1600	U
92-52-4	1,1'-Biphenyl	620	U
91-58-7	2-Chloronaphthalene	620	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	620	U
606-20-2	2,6-Dinitrotoluene	620	U
208-96-8	Acenaphthylene	120	J
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	130	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MRE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9524

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	93	J
121-14-2	2,4-Dinitrotoluene	620	U
84-66-2	Diethylphthalate	620	U
86-73-7	Fluorene	150	J
7005-72-3	4-Chlorophenyl-phenylether	620	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	620	U
101-55-3	4-Bromophenyl-phenylether	620	U
118-74-1	Hexachlorobenzene	620	U
1912-24-9	Atrazine	620	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	1700	
120-12-7	Anthracene	430	J
86-74-8	Carbazole	180	J
84-74-2	Di-n-butylphthalate	110	J
206-44-0	Fluoranthene	2100	
129-00-0	Pyrene	2000	
85-68-7	Butylbenzylphthalate	620	U
91-94-1	3,3'-Dichlorobenzidine	620	U
56-55-3	Benzo(a)anthracene	1000	
218-01-9	Chrysene	1000	
117-81-7	bis(2-Ethylhexyl)phthalate	120	JB
117-84-0	Di-n-octylphthalate	620	U
205-99-2	Benzo(b)fluoranthene	1200	
207-08-9	Benzo(k)fluoranthene	460	J
50-32-8	Benzo(a)pyrene	940	
193-39-5	Indeno(1,2,3-cd)pyrene	470	J
53-70-3	Dibenzo(a,h)anthracene	170	J
191-24-2	Benzo(g,h,i)perylene	540	J

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD07-S-MRE

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9524

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

Number TICs found: 22

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	78-40-0	TRIETHYL PHOSPHATE	6.61	230	NJB
2.	103-82-2	BENZENEACETIC ACID	8.27	260	NJ
3.	3076-04-8	2-PROPENOIC ACID, TRIDECYL E	12.53	390	NJ
4.		UNKNOWN	12.58	130	J
5.	132-65-0	DIBENZOTHIOPHENE	13.22	200	NJ
6.	2531-84-2	PHENANTHRENE, 2-METHYL-	14.04	230	NJ
7.	2531-84-2	PHENANTHRENE, 2-METHYL-	14.07	380	NJ
8.	203-64-5	4H-CYCLOPENTA[DEF]PHENANTHRE	14.18	450	NJ
9.	832-69-9	PHENANTHRENE, 1-METHYL-	14.21	190	NJ
10.		UNKNOWN	14.29	140	J
11.	35465-71-5	2-PHENYLNAPHTHALENE	14.42	170	NJ
12.	84-65-1	9,10-ANTHRACENEDIONE	14.45	150	NJ
13.		UNKNOWN	14.67	320	J
14.	483-87-4	PHENANTHRENE, 1,7-DIMETHYL-	14.75	180	NJ
15.		UNKNOWN	14.86	150	J
16.	2381-21-7	PYRENE, 1-METHYL-	15.54	190	NJ
17.	243-17-4	11H-BENZO[B]FLUORENE	15.67	250	NJ
18.	479-79-8	11H-BENZO[A]FLUOREN-11-ONE	16.31	190	NJ
19.		UNKNOWN	17.72	200	J
20.	198-55-0	PERYLENE	18.44	930	NJ
21.	1058-61-3	STIGMAST-4-EN-3-ONE	22.22	240	NJ
22.		UNKNOWN	23.57	5400	JB
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MREMS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07AREMS

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9525

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	140	J
108-95-2	Phenol	3700	
111-44-4	bis(2-Chloroethyl)Ether	620	U
95-57-8	2-Chlorophenol	3500	
95-48-7	2-Methylphenol	620	U
108-60-1	2,2'-oxybis(1-Chloropropane)	620	U
98-86-2	Acetophenone	620	U
106-44-5	4-Methylphenol	620	U
621-64-7	N-Nitroso-di-n-propylamine	2400	
67-72-1	Hexachloroethane	620	U
98-95-3	Nitrobenzene	620	U
78-59-1	Isophorone	620	U
88-75-5	2-Nitrophenol	620	U
105-67-9	2,4-Dimethylphenol	620	U
111-91-1	bis(2-Chloroethoxy)methane	620	U
120-83-2	2,4-Dichlorophenol	620	U
91-20-3	Naphthalene	90	J
106-47-8	4-Chloroaniline	620	U
87-68-3	Hexachlorobutadiene	620	U
105-60-2	Caprolactam	620	U
59-50-7	4-Chloro-3-Methylphenol	3900	
91-57-6	2-Methylnaphthalene	74	J
77-47-4	Hexachlorocyclopentadiene	620	U
88-06-2	2,4,6-Trichlorophenol	620	U
95-95-4	2,4,5-Trichlorophenol	1600	U
92-52-4	1,1'-Biphenyl	620	U
91-58-7	2-Chloronaphthalene	620	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	620	U
606-20-2	2,6-Dinitrotoluene	620	U
208-96-8	Acenaphthylene	140	J
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	2700	

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SD07-S-MREMS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07AREMS

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9525

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	4400	
132-64-9	Dibenzofuran	120	J
121-14-2	2,4-Dinitrotoluene	2400	
84-66-2	Diethylphthalate	620	U
86-73-7	Fluorene	180	J
7005-72-3	4-Chlorophenyl-phenylether	620	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	620	U
101-55-3	4-Bromophenyl-phenylether	620	U
118-74-1	Hexachlorobenzene	620	U
1912-24-9	Atrazine	620	U
87-86-5	Pentachlorophenol	4000	
85-01-8	Phenanthrene	2000	
120-12-7	Anthracene	500	J
86-74-8	Carbazole	190	J
84-74-2	Di-n-butylphthalate	620	U
206-44-0	Fluoranthene	2300	
129-00-0	Pyrene	5500	E
85-68-7	Butylbenzylphthalate	620	U
91-94-1	3,3'-Dichlorobenzidine	620	U
56-55-3	Benzo(a)anthracene	1100	
218-01-9	Chrysene	1300	
117-81-7	bis(2-Ethylhexyl)phthalate	130	JB
117-84-0	Di-n-octylphthalate	620	U
205-99-2	Benzo(b)fluoranthene	1200	
207-08-9	Benzo(k)fluoranthene	690	
50-32-8	Benzo(a)pyrene	1100	
193-39-5	Indeno(1,2,3-cd)pyrene	540	J
53-70-3	Dibenzo(a,h)anthracene	180	J
191-24-2	Benzo(g,h,i)perylene	600	J

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MREMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07AREMSD

Sample wt/vol: 30.0(g/mL) G Lab File ID: S4A9526

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N)N Date Extracted: 08/26/05

Concentrated Extract Volume: 500(uL) Date Analyzed: 08/31/05

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	110	J
108-95-2	Phenol	4200	
111-44-4	bis(2-Chloroethyl)Ether	620	U
95-57-8	2-Chlorophenol	4100	
95-48-7	2-Methylphenol	620	U
108-60-1	2,2'-oxybis(1-Chloropropane)	620	U
98-86-2	Acetophenone	620	U
106-44-5	4-Methylphenol	620	U
621-64-7	N-Nitroso-di-n-propylamine	2700	
67-72-1	Hexachloroethane	620	U
98-95-3	Nitrobenzene	620	U
78-59-1	Isophorone	620	U
88-75-5	2-Nitrophenol	620	U
105-67-9	2,4-Dimethylphenol	620	U
111-91-1	bis(2-Chloroethoxy)methane	620	U
120-83-2	2,4-Dichlorophenol	620	U
91-20-3	Naphthalene	620	U
106-47-8	4-Chloroaniline	620	U
87-68-3	Hexachlorobutadiene	620	U
105-60-2	Caprolactam	620	U
59-50-7	4-Chloro-3-Methylphenol	4600	
91-57-6	2-Methylnaphthalene	620	U
77-47-4	Hexachlorocyclopentadiene	620	U
88-06-2	2,4,6-Trichlorophenol	620	U
95-95-4	2,4,5-Trichlorophenol	1600	U
92-52-4	1,1'-Biphenyl	620	U
91-58-7	2-Chloronaphthalene	620	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	620	U
606-20-2	2,6-Dinitrotoluene	620	U
208-96-8	Acenaphthylene	130	J
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	3000	

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MREMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07AREMSD

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9526

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
51-28-5	2,4-Dinitrophenol	1600 U
100-02-7	4-Nitrophenol	5300 E
132-64-9	Dibenzofuran	620 U
121-14-2	2,4-Dinitrotoluene	2900
84-66-2	Diethylphthalate	620 U
86-73-7	Fluorene	96 J
7005-72-3	4-Chlorophenyl-phenylether	620 U
100-01-6	4-Nitroaniline	1600 U
534-52-1	4,6-Dinitro-2-methylphenol	1600 U
86-30-6	N-Nitrosodiphenylamine (1)	620 U
101-55-3	4-Bromophenyl-phenylether	620 U
118-74-1	Hexachlorobenzene	620 U
1912-24-9	Atrazine	620 U
87-86-5	Pentachlorophenol	4700
85-01-8	Phenanthrene	1400
120-12-7	Anthracene	330 J
86-74-8	Carbazole	160 J
84-74-2	Di-n-butylphthalate	76 J
206-44-0	Fluoranthene	2000
129-00-0	Pyrene	5800 E
85-68-7	Butylbenzylphthalate	620 U
91-94-1	3,3'-Dichlorobenzidine	620 U
56-55-3	Benzo(a)anthracene	1000
218-01-9	Chrysene	1200
117-81-7	bis(2-Ethylhexyl)phthalate	190 JB
117-84-0	Di-n-octylphthalate	620 U
205-99-2	Benzo(b)fluoranthene	1200
207-08-9	Benzo(k)fluoranthene	690
50-32-8	Benzo(a)pyrene	1000
193-39-5	Indeno(1,2,3-cd)pyrene	570 J
53-70-3	Dibenzo(a,h)anthracene	200 J
191-24-2	Benzo(g,h,i)perylene	640

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-06A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9442

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 48 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8 Extraction: (Type) SONC

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
100-52-7	Benzaldehyde	630	U
108-95-2	Phenol	630	U
111-44-4	bis(2-Chloroethyl)Ether	630	U
95-57-8	2-Chlorophenol	630	U
95-48-7	2-Methylphenol	630	U
108-60-1	2,2'-oxybis(1-Chloropropane)	630	U
98-86-2	Acetophenone	630	U
106-44-5	4-Methylphenol	630	U
621-64-7	N-Nitroso-di-n-propylamine	630	U
67-72-1	Hexachloroethane	630	U
98-95-3	Nitrobenzene	630	U
78-59-1	Isophorone	630	U
88-75-5	2-Nitrophenol	630	U
105-67-9	2,4-Dimethylphenol	630	U
111-91-1	bis(2-Chloroethoxy)methane	630	U
120-83-2	2,4-Dichlorophenol	630	U
91-20-3	Naphthalene	630	U
106-47-8	4-Chloroaniline	630	U
87-68-3	Hexachlorobutadiene	630	U
105-60-2	Caprolactam	630	U
59-50-7	4-Chloro-3-Methylphenol	630	U
91-57-6	2-Methylnaphthalene	630	U
77-47-4	Hexachlorocyclopentadiene	630	U
88-06-2	2,4,6-Trichlorophenol	630	U
95-95-4	2,4,5-Trichlorophenol	1600	U
92-52-4	1,1'-Biphenyl	630	U
91-58-7	2-Chloronaphthalene	630	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	630	U
606-20-2	2,6-Dinitrotoluene	630	U
208-96-8	Acenaphthylene	630	U
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	630	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-06A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9442

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 48 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8 Extraction: (Type) SONC

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
51-28-5	2,4-Dinitrophenol	1600 U
100-02-7	4-Nitrophenol	1600 U
132-64-9	Dibenzofuran	630 U
121-14-2	2,4-Dinitrotoluene	630 U
84-66-2	Diethylphthalate	630 U
86-73-7	Fluorene	630 U
7005-72-3	4-Chlorophenyl-phenylether	630 U
100-01-6	4-Nitroaniline	1600 U
534-52-1	4,6-Dinitro-2-methylphenol	1600 U
86-30-6	N-Nitrosodiphenylamine (1)	630 U
101-55-3	4-Bromophenyl-phenylether	630 U
118-74-1	Hexachlorobenzene	630 U
1912-24-9	Atrazine	630 U
87-86-5	Pentachlorophenol	1600 U
85-01-8	Phenanthrene	500 J
120-12-7	Anthracene	120 J
86-74-8	Carbazole	630 U
84-74-2	Di-n-butylphthalate	280 J
206-44-0	Fluoranthene	770
129-00-0	Pyrene	710
85-68-7	Butylbenzylphthalate	630 U
91-94-1	3,3'-Dichlorobenzidine	630 U
56-55-3	Benzo(a)anthracene	390 J
218-01-9	Chrysene	360 J
117-81-7	bis(2-Ethylhexyl)phthalate	130 JB
117-84-0	Di-n-octylphthalate	630 U
205-99-2	Benzo(b)fluoranthene	480 J
207-08-9	Benzo(k)fluoranthene	240 J
50-32-8	Benzo(a)pyrene	390 J
193-39-5	Indeno(1,2,3-cd)pyrene	210 J
53-70-3	Dibenzo(a,h)anthracene	65 J
191-24-2	Benzo(g,h,i)perylene	240 J

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD07-S-0

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-06A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9442

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 48 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8 Extraction: (Type) SONC

Number TICs found: 12

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	464-48-2	BICYCLO[2.2.1]HEPTAN-2-ONE,	7.57	130	NJ
2.	88-19-7	BENZENESULFONAMIDE, 2-METHYL	12.43	140	NJ
3.	70-55-3	BENZENESULFONAMIDE, 4-METHYL	12.72	210	NJ
4.		UNKNOWN	14.43	180	J
5.		UNKNOWN	14.65	150	J
6.		UNKNOWN	15.01	150	J
7.	243-17-4	11H-BENZO[B]FLUORENE	15.93	150	NJ
8.	115-86-6	TRIPHENYL PHOSPHATE	16.54	6700	NJ
9.		UNKNOWN	16.79	160	J
10.		UNKNOWN	17.96	260	J
11.	192-97-2	BENZO[E]PYRENE	18.79	320	NJ
12.		UNKNOWN	24.40	7800	JB
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
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27.					
28.					
29.					
30.					

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD08-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-11A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9454

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 69 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.9 Extraction: (Type) SONC

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
100-52-7	Benzaldehyde	1100 U
108-95-2	Phenol	1100 U
111-44-4	bis(2-Chloroethyl)Ether	1100 U
95-57-8	2-Chlorophenol	1100 U
95-48-7	2-Methylphenol	1100 U
108-60-1	2,2'-oxybis(1-Chloropropane)	1100 U
98-86-2	Acetophenone	110 J
106-44-5	4-Methylphenol	1100 U
621-64-7	N-Nitroso-di-n-propylamine	1100 U
67-72-1	Hexachloroethane	1100 U
98-95-3	Nitrobenzene	1100 U
78-59-1	Isophorone	1100 U
88-75-5	2-Nitrophenol	1100 U
105-67-9	2,4-Dimethylphenol	1100 U
111-91-1	bis(2-Chloroethoxy)methane	1100 U
120-83-2	2,4-Dichlorophenol	1100 U
91-20-3	Naphthalene	1100 U
106-47-8	4-Chloroaniline	1100 U
87-68-3	Hexachlorobutadiene	1100 U
105-60-2	Caprolactam	1100 U
59-50-7	4-Chloro-3-Methylphenol	1100 U
91-57-6	2-Methylnaphthalene	1100 U
77-47-4	Hexachlorocyclopentadiene	1100 U
88-06-2	2,4,6-Trichlorophenol	1100 U
95-95-4	2,4,5-Trichlorophenol	2700 U
92-52-4	1,1'-Biphenyl	1100 U
91-58-7	2-Chloronaphthalene	1100 U
88-74-4	2-Nitroaniline	2700 U
131-11-3	Dimethylphthalate	1100 U
606-20-2	2,6-Dinitrotoluene	1100 U
208-96-8	Acenaphthylene	1100 U
99-09-2	3-Nitroaniline	2700 U
83-32-9	Acenaphthene	1100 U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD08-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-11A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9454

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 69 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.9 Extraction: (Type) SONC

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
51-28-5	2,4-Dinitrophenol	2700	U
100-02-7	4-Nitrophenol	2700	U
132-64-9	Dibenzofuran	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	2700	U
534-52-1	4,6-Dinitro-2-methylphenol	2700	U
86-30-6	N-Nitrosodiphenylamine (1)	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
1912-24-9	Atrazine	1100	U
87-86-5	Pentachlorophenol	2700	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
86-74-8	Carbazole	1100	U
84-74-2	Di-n-butylphthalate	1100	U
206-44-0	Fluoranthene	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
56-55-3	Benzo(a)anthracene	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	240	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo(b)fluoranthene	1100	U
207-08-9	Benzo(k)fluoranthene	1100	U
50-32-8	Benzo(a)pyrene	1100	U
193-39-5	Indeno(1,2,3-cd)pyrene	1100	U
53-70-3	Dibenzo(a,h)anthracene	1100	U
191-24-2	Benzo(g,h,i)perylene	1100	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD08-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-11A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9454

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 69 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.9 Extraction: (Type) SONC

Number TICs found: 30

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	65-85-0	BENZOIC ACID	7.54	2400	NJ
2.	496-16-2	BENZOFURAN, 2,3-DIHYDRO-	8.27	1400	NJ
3.	1000147-32-8	1H-CYCLOPROPA[A]NAPHTHALENE,	12.56	1300	NJ
4.	473-16-5	2-NAPHTHALENEMETHANOL, 1,2,3	12.74	5200	NJ
5.		UNKNOWN	13.77	1200	J
6.		UNKNOWN	16.58	2000	J
7.		UNKNOWN	16.63	8400	J
8.		UNKNOWN	16.88	6200	J
9.		UNKNOWN	17.57	4300	J
10.	480-40-0	CHRYSIN	17.81	7300	NJ
11.		UNKNOWN	17.93	2700	J
12.		UNKNOWN	17.97	2200	J
13.		UNKNOWN	18.03	4900	J
14.		UNKNOWN	18.22	18000	J
15.		UNKNOWN	18.73	1200	J
16.		UNKNOWN	19.03	3000	J
17.	7494-34-0	26-NOR-5-CHOLESTEN-3.BETA.-O	20.09	1700	NJ
18.	4382-17-6	4H-1-BENZOPYRAN-4-ONE, 5,7-D	20.52	1200	NJ
19.		UNKNOWN	20.80	2900	J
20.	83-48-7	STIGMASTEROL	21.09	1700	NJ
21.	83-47-6	.GAMMA.-SITOSTEROL	21.62	6300	NJ
22.		UNKNOWN	21.89	1200	J
23.		UNKNOWN	22.00	1100	J
24.		UNKNOWN	22.11	3200	J
25.		UNKNOWN	22.24	2100	J
26.		UNKNOWN	22.69	1100	J
27.		UNKNOWN	22.78	3300	J
28.	1058-61-3	STIGMAST-4-EN-3-ONE	22.93	6100	NJ
29.		UNKNOWN	24.16	2900	J
30.		UNKNOWN	24.38	25000	JB

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD09-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-10A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9430

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 40 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	550	U
108-95-2	Phenol	550	U
111-44-4	bis(2-Chloroethyl)Ether	550	U
95-57-8	2-Chlorophenol	550	U
95-48-7	2-Methylphenol	550	U
108-60-1	2,2'-oxybis(1-Chloropropane)	550	U
98-86-2	Acetophenone	550	U
106-44-5	4-Methylphenol	550	U
621-64-7	N-Nitroso-di-n-propylamine	550	U
67-72-1	Hexachloroethane	550	U
98-95-3	Nitrobenzene	550	U
78-59-1	Isophorone	550	U
88-75-5	2-Nitrophenol	550	U
105-67-9	2,4-Dimethylphenol	550	U
111-91-1	bis(2-Chloroethoxy)methane	550	U
120-83-2	2,4-Dichlorophenol	550	U
91-20-3	Naphthalene	550	U
106-47-8	4-Chloroaniline	550	U
87-68-3	Hexachlorobutadiene	550	U
105-60-2	Caprolactam	550	U
59-50-7	4-Chloro-3-Methylphenol	550	U
91-57-6	2-Methylnaphthalene	550	U
77-47-4	Hexachlorocyclopentadiene	550	U
88-06-2	2,4,6-Trichlorophenol	550	U
95-95-4	2,4,5-Trichlorophenol	1400	U
92-52-4	1,1'-Biphenyl	550	U
91-58-7	2-Chloronaphthalene	550	U
88-74-4	2-Nitroaniline	1400	U
131-11-3	Dimethylphthalate	550	U
606-20-2	2,6-Dinitrotoluene	550	U
208-96-8	Acenaphthylene	550	U
99-09-2	3-Nitroaniline	1400	U
83-32-9	Acenaphthene	550	U

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SD09-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-10A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9430

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 40 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1400	U
100-02-7	4-Nitrophenol	1400	U
132-64-9	Dibenzofuran	550	U
121-14-2	2,4-Dinitrotoluene	550	U
84-66-2	Diethylphthalate	550	U
86-73-7	Fluorene	550	U
7005-72-3	4-Chlorophenyl-phenylether	550	U
100-01-6	4-Nitroaniline	1400	U
534-52-1	4,6-Dinitro-2-methylphenol	1400	U
86-30-6	N-Nitrosodiphenylamine (1)	550	U
101-55-3	4-Bromophenyl-phenylether	550	U
118-74-1	Hexachlorobenzene	550	U
1912-24-9	Atrazine	550	U
87-86-5	Pentachlorophenol	1400	U
85-01-8	Phenanthrene	550	U
120-12-7	Anthracene	550	U
86-74-8	Carbazole	550	U
84-74-2	Di-n-butylphthalate	550	U
206-44-0	Fluoranthene	550	U
129-00-0	Pyrene	550	U
85-68-7	Butylbenzylphthalate	550	U
91-94-1	3,3'-Dichlorobenzidine	550	U
56-55-3	Benzo(a)anthracene	550	U
218-01-9	Chrysene	550	U
117-81-7	bis(2-Ethylhexyl)phthalate	71	JB
117-84-0	Di-n-octylphthalate	550	U
205-99-2	Benzo(b)fluoranthene	550	U
207-08-9	Benzo(k)fluoranthene	550	U
50-32-8	Benzo(a)pyrene	550	U
193-39-5	Indeno(1,2,3-cd)pyrene	550	U
53-70-3	Dibenzo(a,h)anthracene	550	U
191-24-2	Benzo(g,h,i)perylene	550	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD09-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-10A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9430

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 40 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.1 Extraction: (Type) SONC

Number TICs found: 18

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	1000155-76-6	ANTHRACENE, 1,2,3,4,5,6,7,8-	13.34	120	NJ
2.		UNKNOWN	16.26	130	J
3.	74339-54-1	TRICHLOROACETIC ACID, HEXADE	17.61	310	NJ
4.		UNKNOWN	17.96	200	J
5.		UNKNOWN	18.06	140	J
6.		UNKNOWN	18.49	210	J
7.		UNKNOWN	18.73	140	J
8.		UNKNOWN	20.09	380	J
9.		UNKNOWN	20.41	150	J
10.	124-25-4	TETRADECANAL	20.48	180	NJ
11.	83-46-5	.BETA.-SITOSTEROL	21.62	1800	NJ
12.	1000194-64-2	4,4,6A,6B,8A,11,12,14B-OCTAM	21.88	280	NJ
13.		UNKNOWN	22.09	1100	J
14.	1617-70-5	LUP-20(29)-EN-3-ONE	22.36	9900	NJ
15.		UNKNOWN	22.71	18000	J
16.	1058-61-3	STIGMAST-4-EN-3-ONE	22.91	2400	NJ
17.		UNKNOWN	23.37	320	J
18.		UNKNOWN	24.39	5300	JB
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD10-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-12A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A9457

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 50 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	660	U
108-95-2	Phenol	660	U
111-44-4	bis(2-Chloroethyl)Ether	660	U
95-57-8	2-Chlorophenol	660	U
95-48-7	2-Methylphenol	660	U
108-60-1	2,2'-oxybis(1-Chloropropane)	660	U
98-86-2	Acetophenone	660	U
106-44-5	4-Methylphenol	660	U
621-64-7	N-Nitroso-di-n-propylamine	660	U
67-72-1	Hexachloroethane	660	U
98-95-3	Nitrobenzene	660	U
78-59-1	Isophorone	660	U
88-75-5	2-Nitrophenol	660	U
105-67-9	2,4-Dimethylphenol	660	U
111-91-1	bis(2-Chloroethoxy)methane	660	U
120-83-2	2,4-Dichlorophenol	660	U
91-20-3	Naphthalene	660	U
106-47-8	4-Chloroaniline	660	U
87-68-3	Hexachlorobutadiene	660	U
105-60-2	Caprolactam	660	U
59-50-7	4-Chloro-3-Methylphenol	660	U
91-57-6	2-Methylnaphthalene	660	U
77-47-4	Hexachlorocyclopentadiene	660	U
88-06-2	2,4,6-Trichlorophenol	660	U
95-95-4	2,4,5-Trichlorophenol	1700	U
92-52-4	1,1'-Biphenyl	660	U
91-58-7	2-Chloronaphthalene	660	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	660	U
606-20-2	2,6-Dinitrotoluene	660	U
208-96-8	Acenaphthylene	660	U
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	660	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD10-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-12A

Sample wt/vol: 30.1(g/mL) G Lab File ID: S4A9457

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 50 Decanted: (Y/N)N Date Extracted: 08/12/05

Concentrated Extract Volume: 500(uL) Date Analyzed: 08/25/05

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	660	U
121-14-2	2,4-Dinitrotoluene	660	U
84-66-2	Diethylphthalate	1900	
86-73-7	Fluorene	660	U
7005-72-3	4-Chlorophenyl-phenylether	660	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	660	U
101-55-3	4-Bromophenyl-phenylether	660	U
118-74-1	Hexachlorobenzene	660	U
1912-24-9	Atrazine	660	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	660	U
120-12-7	Anthracene	660	U
86-74-8	Carbazole	660	U
84-74-2	Di-n-butylphthalate	120	J
206-44-0	Fluoranthene	72	J
129-00-0	Pyrene	71	J
85-68-7	Butylbenzylphthalate	660	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)anthracene	660	U
218-01-9	Chrysene	69	J
117-81-7	bis(2-Ethylhexyl)phthalate	1900	B
117-84-0	Di-n-octylphthalate	660	U
205-99-2	Benzo(b)fluoranthene	660	U
207-08-9	Benzo(k)fluoranthene	660	U
50-32-8	Benzo(a)pyrene	660	U
193-39-5	Indeno(1,2,3-cd)pyrene	660	U
53-70-3	Dibenzo(a,h)anthracene	660	U
191-24-2	Benzo(g,h,i)perylene	660	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD10-S-0

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-12A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A9457

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 50 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Extraction: (Type) SONC

Number TICs found: 22

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	5.03	150	J
2.	78-40-0	TRIETHYL PHOSPHATE	6.91	240	NJ
3.		UNKNOWN	9.78	310	J
4.		UNKNOWN	10.57	140	J
5.	112-42-5	1-UNDECANOL	11.16	1300	NJ
6.		UNKNOWN	12.80	190	J
7.		UNKNOWN	14.01	290	J
8.	57-10-3	N-HEXADECANOIC ACID	14.30	410	NJ
9.	6380-71-8	PROPANOIC ACID, 3-MERCAPTO-,	14.65	310	NJ
10.	123-95-5	OCTADECANOIC ACID, BUTYL EST	16.31	150	NJ
11.		UNKNOWN	16.52	140	J
12.		UNKNOWN	17.18	290	J
13.		UNKNOWN	17.47	150	J
14.		UNKNOWN	17.57	1600	J
15.		UNKNOWN	18.07	290	J
16.	18992-03-5	BROMOACETIC ACID, OCTADECYL	18.47	670	NJ
17.	18435-45-5	1-NONADECENE	19.57	570	NJ
18.	7494-34-0	26-NOR-5-CHOLESTEN-3.BETA.-O	20.10	1000	NJ
19.	83-47-6	.GAMMA.-SITOSTEROL	21.63	3900	NJ
20.		UNKNOWN	22.13	1300	J
21.	1058-61-3	STIGMAST-4-EN-3-ONE	22.97	4000	NJ
22.		UNKNOWN	24.41	7300	JB
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD11-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-13A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9456

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 81 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1700	U
108-95-2	Phenol	1700	U
111-44-4	bis(2-Chloroethyl)Ether	1700	U
95-57-8	2-Chlorophenol	1700	U
95-48-7	2-Methylphenol	1700	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1700	U
98-86-2	Acetophenone	1700	U
106-44-5	4-Methylphenol	1700	U
621-64-7	N-Nitroso-di-n-propylamine	1700	U
67-72-1	Hexachloroethane	1700	U
98-95-3	Nitrobenzene	1700	U
78-59-1	Isophorone	1700	U
88-75-5	2-Nitrophenol	1700	U
105-67-9	2,4-Dimethylphenol	1700	U
111-91-1	bis(2-Chloroethoxy)methane	1700	U
120-83-2	2,4-Dichlorophenol	1700	U
91-20-3	Naphthalene	1700	U
106-47-8	4-Chloroaniline	1700	U
87-68-3	Hexachlorobutadiene	1700	U
105-60-2	Caprolactam	1700	U
59-50-7	4-Chloro-3-Methylphenol	1700	U
91-57-6	2-Methylnaphthalene	1700	U
77-47-4	Hexachlorocyclopentadiene	1700	U
88-06-2	2,4,6-Trichlorophenol	1700	U
95-95-4	2,4,5-Trichlorophenol	4400	U
92-52-4	1,1'-Biphenyl	1700	U
91-58-7	2-Chloronaphthalene	1700	U
88-74-4	2-Nitroaniline	4400	U
131-11-3	Dimethylphthalate	1700	U
606-20-2	2,6-Dinitrotoluene	1700	U
208-96-8	Acenaphthylene	1700	U
99-09-2	3-Nitroaniline	4400	U
83-32-9	Acenaphthene	1700	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD11-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-13A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9456

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 81 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	4400	U
100-02-7	4-Nitrophenol	4400	U
132-64-9	Dibenzofuran	1700	U
121-14-2	2,4-Dinitrotoluene	1700	U
84-66-2	Diethylphthalate	1700	U
86-73-7	Fluorene	1700	U
7005-72-3	4-Chlorophenyl-phenylether	1700	U
100-01-6	4-Nitroaniline	4400	U
534-52-1	4,6-Dinitro-2-methylphenol	4400	U
86-30-6	N-Nitrosodiphenylamine (1)	1700	U
101-55-3	4-Bromophenyl-phenylether	1700	U
118-74-1	Hexachlorobenzene	1700	U
1912-24-9	Atrazine	1700	U
87-86-5	Pentachlorophenol	4400	U
85-01-8	Phenanthrene	1700	U
120-12-7	Anthracene	1700	U
86-74-8	Carbazole	1700	U
84-74-2	Di-n-butylphthalate	1700	U
206-44-0	Fluoranthene	1700	U
129-00-0	Pyrene	1700	U
85-68-7	Butylbenzylphthalate	1700	U
91-94-1	3,3'-Dichlorobenzidine	1700	U
56-55-3	Benzo(a)anthracene	1700	U
218-01-9	Chrysene	1700	U
117-81-7	bis(2-Ethylhexyl)phthalate	240	JB
117-84-0	Di-n-octylphthalate	1700	U
205-99-2	Benzo(b)fluoranthene	1700	U
207-08-9	Benzo(k)fluoranthene	1700	U
50-32-8	Benzo(a)pyrene	1700	U
193-39-5	Indeno(1,2,3-cd)pyrene	1700	U
53-70-3	Dibenzo(a,h)anthracene	1700	U
191-24-2	Benzo(g,h,i)perylene	1700	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD11-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-13A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9456

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 81 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

Number TICs found: 30

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	112-42-5	1-UNDECANOL	11.16	4500	NJ
2.	3076-04-8	2-PROPENOIC ACID, TRIDECYL E	12.76	1500	NJ
3.		UNKNOWN	13.89	1800	J
4.		UNKNOWN	15.55	2700	J
5.	6765-39-5	1-HEPTADECENE	16.79	10000	NJ
6.	14811-95-1	1,19-EICOSADIENE	17.34	1600	NJ
7.	14811-95-1	1,19-EICOSADIENE	18.15	6100	NJ
8.		UNKNOWN	18.27	1400	J
9.		UNKNOWN	18.46	3300	J
10.	6971-40-0	17-PENTATRIACONTENE	18.73	4400	NJ
11.	1000105-71-9	3,4-DIHYDRO-3,5,8-TRIMETHYL-	19.36	1400	NJ
12.		UNKNOWN	19.61	2200	J
13.	59-02-9	VITAMIN E	19.84	16000	NJ
14.	2599-01-1	TETRADECANOIC ACID, HEXADECY	19.89	7800	NJ
15.	7494-34-0	26-NOR-5-CHOLESTEN-3.BETA.-O	20.08	16000	NJ
16.	516-95-0	EPICHOLESTANOL	20.18	4500	NJ
17.		UNKNOWN	20.50	2200	J
18.		UNKNOWN	20.62	3500	J
19.		UNKNOWN	20.87	5000	J
20.		UNKNOWN	21.06	2400	J
21.		UNKNOWN	21.30	2400	J
22.	42232-29-1	HEXADECANOIC ACID, DODECYL E	21.46	2400	NJ
23.	83-47-6	.GAMMA.-SITOSTEROL	21.63	29000	NJ
24.		UNKNOWN	21.78	1800	J
25.		UNKNOWN	21.90	4400	J
26.	1000210-86-9	17-(1,5-DIMETHYLHEXYL)-10,13	22.12	6400	NJ
27.	638-95-9	.ALPHA.-AMYRIN	22.24	16000	NJ
28.	638-95-9	.ALPHA.-AMYRIN	22.77	9100	NJ
29.	1058-61-3	STIGMAST-4-EN-3-ONE	22.93	4100	NJ
30.		UNKNOWN	24.39	35000	JB

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD12-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-04A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9459

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 63 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	890	U
108-95-2	Phenol	890	U
111-44-4	bis(2-Chloroethyl)Ether	890	U
95-57-8	2-Chlorophenol	890	U
95-48-7	2-Methylphenol	890	U
108-60-1	2,2'-oxybis(1-Chloropropane)	890	U
98-86-2	Acetophenone	890	U
106-44-5	4-Methylphenol	890	U
621-64-7	N-Nitroso-di-n-propylamine	890	U
67-72-1	Hexachloroethane	890	U
98-95-3	Nitrobenzene	890	U
78-59-1	Isophorone	890	U
88-75-5	2-Nitrophenol	890	U
105-67-9	2,4-Dimethylphenol	890	U
111-91-1	bis(2-Chloroethoxy)methane	890	U
120-83-2	2,4-Dichlorophenol	890	U
91-20-3	Naphthalene	890	U
106-47-8	4-Chloroaniline	890	U
87-68-3	Hexachlorobutadiene	890	U
105-60-2	Caprolactam	890	U
59-50-7	4-Chloro-3-Methylphenol	890	U
91-57-6	2-Methylnaphthalene	890	U
77-47-4	Hexachlorocyclopentadiene	890	U
88-06-2	2,4,6-Trichlorophenol	890	U
95-95-4	2,4,5-Trichlorophenol	2200	U
92-52-4	1,1'-Biphenyl	890	U
91-58-7	2-Chloronaphthalene	890	U
88-74-4	2-Nitroaniline	2200	U
131-11-3	Dimethylphthalate	890	U
606-20-2	2,6-Dinitrotoluene	890	U
208-96-8	Acenaphthylene	890	U
99-09-2	3-Nitroaniline	2200	U
83-32-9	Acenaphthene	890	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD12-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-04A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9459

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 63 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	2200	U
100-02-7	4-Nitrophenol	2200	U
132-64-9	Dibenzofuran	890	U
121-14-2	2,4-Dinitrotoluene	890	U
84-66-2	Diethylphthalate	890	U
86-73-7	Fluorene	890	U
7005-72-3	4-Chlorophenyl-phenylether	890	U
100-01-6	4-Nitroaniline	2200	U
534-52-1	4,6-Dinitro-2-methylphenol	2200	U
86-30-6	N-Nitrosodiphenylamine (1)	890	U
101-55-3	4-Bromophenyl-phenylether	890	U
118-74-1	Hexachlorobenzene	890	U
1912-24-9	Atrazine	890	U
87-86-5	Pentachlorophenol	2200	U
85-01-8	Phenanthrene	250	J
120-12-7	Anthracene	95	J
86-74-8	Carbazole	890	U
84-74-2	Di-n-butylphthalate	890	U
206-44-0	Fluoranthene	530	J
129-00-0	Pyrene	430	J
85-68-7	Butylbenzylphthalate	890	U
91-94-1	3,3'-Dichlorobenzidine	890	U
56-55-3	Benzo(a)anthracene	290	J
218-01-9	Chrysene	330	J
117-81-7	bis(2-Ethylhexyl)phthalate	1300	B
117-84-0	Di-n-octylphthalate	890	U
205-99-2	Benzo(b)fluoranthene	410	J
207-08-9	Benzo(k)fluoranthene	220	J
50-32-8	Benzo(a)pyrene	320	J
193-39-5	Indeno(1,2,3-cd)pyrene	200	J
53-70-3	Dibenzo(a,h)anthracene	890	U
191-24-2	Benzo(g,h,i)perylene	260	J

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD12-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-04A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9459

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 63 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

Number TICs found: 15

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	9.78	570	J
2.		UNKNOWN	10.58	220	J
3.		UNKNOWN	10.73	190	J
4.		UNKNOWN	12.76	810	J
5.		UNKNOWN	13.45	260	J
6.		UNKNOWN	14.30	200	J
7.	6380-71-8	PROPANOIC ACID, 3-MERCAPTO-,	14.65	350	NJ
8.		UNKNOWN	14.86	790	J
9.	301-02-0	9-OCTADECENAMIDE, (Z)-	16.27	210	NJ
10.		UNKNOWN	17.42	2500	J
11.	101910-57-0	4.ALPHA.,5.BETA.-EPOXY-9.ALP	17.58	380	NJ
12.	2435-53-2	3,5-CYCLOHEXADIENE-1,2-DIONE	17.71	440	NJ
13.	83-47-6	.GAMMA.-SITOSTEROL	21.63	1600	NJ
14.	1058-61-3	STIGMAST-4-EN-3-ONE	22.95	870	NJ
15.		UNKNOWN	24.42	8300	JB
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS02-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-15A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9453

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 10 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	370	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
98-86-2	Acetophenone	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
91-20-3	Naphthalene	110	J
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
105-60-2	Caprolactam	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	920	U
92-52-4	1,1'-Biphenyl	370	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	920	U
131-11-3	Dimethylphthalate	370	U
606-20-2	2,6-Dinitrotoluene	370	U
208-96-8	Acenaphthylene	370	U
99-09-2	3-Nitroaniline	920	U
83-32-9	Acenaphthene	370	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS02-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-15A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9453

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 10 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	920	U
100-02-7	4-Nitrophenol	920	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
86-73-7	Fluorene	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
100-01-6	4-Nitroaniline	920	U
534-52-1	4,6-Dinitro-2-methylphenol	920	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
1912-24-9	Atrazine	370	U
87-86-5	Pentachlorophenol	920	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
86-74-8	Carbazole	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)phthalate	72	JB
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenzo(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SS02-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-15A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9453

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 10 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

Number TICs found: 25

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	78-40-0	TRIETHYL PHOSPHATE	6.90	110	NJ
2.		UNKNOWN	10.60	200	J
3.		UNKNOWN	10.78	150	J
4.	74381-40-1	PROPANOIC ACID, 2-METHYL-, 1	12.09	79	NJ
5.		UNKNOWN	12.55	200	J
6.		UNKNOWN	15.01	76	J
7.		UNKNOWN	16.52	93	J
8.		UNKNOWN	16.82	81	J
9.		UNKNOWN	17.23	120	J
10.		UNKNOWN	17.96	230	J
11.		UNKNOWN	18.06	130	J
12.	56554-87-1	16-OCTADECENAL	18.16	210	NJ
13.	7206-21-5	5-OCTADECENE, (E)-	18.48	540	NJ
14.		UNKNOWN	19.16	180	J
15.		UNKNOWN	19.61	150	J
16.		UNKNOWN	19.87	87	J
17.		UNKNOWN	20.48	90	J
18.		UNKNOWN	21.10	310	J
19.		UNKNOWN	21.28	220	J
20.		UNKNOWN	21.45	190	J
21.	83-46-5	.BETA.-SITOSTEROL	21.63	900	NJ
22.		UNKNOWN	21.84	370	J
23.		UNKNOWN	22.09	150	J
24.	1058-61-3	STIGMAST-4-EN-3-ONE	22.91	450	NJ
25.		UNKNOWN	24.39	3300	JB
26.					
27.					
28.					
29.					
30.					

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS03-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-16A

Sample wt/vol: 30.1(g/mL) G Lab File ID: S4A9439

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 14 Decanted: (Y/N)N Date Extracted: 08/12/05

Concentrated Extract Volume: 500(uL) Date Analyzed: 08/24/05

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.3 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	320	J
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	960	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	960	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	960	U
83-32-9	Acenaphthene	380	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS03-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-16A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A9439

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.3 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	960	U
100-02-7	4-Nitrophenol	960	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	960	U
534-52-1	4,6-Dinitro-2-methylphenol	960	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	960	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	67	J
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	76	JB
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SS03-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-16A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A9439

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.3 Extraction: (Type) SONC

Number TICs found: 22

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	78-40-0	TRIETHYL PHOSPHATE	6.90	120	NJ
2.	112-53-8	1-DODECANOL	11.16	900	NJ
3.		UNKNOWN	15.94	87	J
4.	481-74-3	9,10-ANTHRACENEDIONE, 1,8-DI	16.41	89	NJ
5.		UNKNOWN	17.96	160	J
6.		UNKNOWN	18.02	78	J
7.	7683-64-9	SQUALENE	18.06	260	NJ
8.	7390-81-0	OXIRANE, HEXADECYL-	18.16	270	NJ
9.		UNKNOWN	18.46	350	J
10.	638-66-4	OCTADECANAL	19.16	210	NJ
11.	13360-61-7	1-PENTADECENE	19.56	180	NJ
12.		UNKNOWN	19.60	210	J
13.		UNKNOWN	20.09	370	J
14.	67860-04-2	OXIRANE, HEPTADECYL-	20.48	220	NJ
15.		UNKNOWN	21.09	560	J
16.	83-46-5	.BETA.-SITOSTEROL	21.59	1400	NJ
17.		UNKNOWN	21.84	880	J
18.		UNKNOWN	22.22	330	J
19.		UNKNOWN	22.90	420	J
20.		UNKNOWN	23.51	580	J
21.		UNKNOWN	24.38	3500	JB
22.		UNKNOWN	24.79	400	J
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS05-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-17A

Sample wt/vol: 30.0(g/mL) G Lab File ID: S4A9460

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 13 Decanted: (Y/N)N Date Extracted: 08/12/05

Concentrated Extract Volume: 500(uL) Date Analyzed: 08/25/05

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	950	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	950	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	950	U
83-32-9	Acenaphthene	380	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS05-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-17A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9460

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	950	U
100-02-7	4-Nitrophenol	950	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	950	U
534-52-1	4,6-Dinitro-2-methylphenol	950	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	950	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	67	J
206-44-0	Fluoranthene	69	J
129-00-0	Pyrene	77	J
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	51	J
218-01-9	Chrysene	94	J
117-81-7	bis(2-Ethylhexyl)phthalate	180	JB
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	72	J
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	84	J
193-39-5	Indeno(1,2,3-cd)pyrene	44	J
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	140	J

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SS05-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-17A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9460

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.4 Extraction: (Type) SONC

Number TICs found: 15

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	5.03	80	J
2.	78-40-0	TRIETHYL PHOSPHATE	6.93	130	NJ
3.		UNKNOWN	12.76	500	J
4.		UNKNOWN	12.80	110	J
5.	57-10-3	N-HEXADECANOIC ACID	14.30	180	NJ
6.	6380-71-8	PROPANOIC ACID, 3-MERCAPTO-,	14.66	130	NJ
7.		UNKNOWN	15.92	150	J
8.	3353-12-6	PYRENE, 4-METHYL-	16.19	150	NJ
9.		UNKNOWN	16.23	85	J
10.	84-15-1	O-TERPHENYL	16.66	150	NJ
11.	84-15-1	O-TERPHENYL	16.71	97	NJ
12.		UNKNOWN	17.14	160	JB
13.	101910-57-0	4.ALPHA.,5.BETA.-EPOXY-9.ALP	17.58	260	NJ
14.		UNKNOWN	17.98	250	J
15.		UNKNOWN	24.45	4600	JB
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS05-S-ORE

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-17ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9463

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	950	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	950	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	950	U
83-32-9	Acenaphthene	380	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS05-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-17ARE

Sample wt/vol: 30.0(g/mL) G Lab File ID: S4A9463

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 13 Decanted: (Y/N)N Date Extracted: 08/12/05

Concentrated Extract Volume: 500(uL) Date Analyzed: 08/25/05

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	950	U
100-02-7	4-Nitrophenol	950	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	950	U
534-52-1	4,6-Dinitro-2-methylphenol	950	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	950	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	72	J
206-44-0	Fluoranthene	71	J
129-00-0	Pyrene	76	J
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	53	J
218-01-9	Chrysene	99	J
117-81-7	bis(2-Ethylhexyl)phthalate	170	BJ
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	75	J
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	89	J
193-39-5	Indeno(1,2,3-cd)pyrene	48	J
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	130	J

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SS05-S-ORE

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-17ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9463

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.4 Extraction: (Type) SONC

Number TICs found: 16

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	5.04	90	J
2.	78-40-0	TRIETHYL PHOSPHATE	6.94	110	NJ
3.		UNKNOWN	10.97	87	J
4.	112-42-5	1-UNDECANOL	11.18	1000	NJ
5.		UNKNOWN	12.10	82	J
6.		UNKNOWN	12.81	130	J
7.		UNKNOWN	14.32	210	J
8.		UNKNOWN	14.66	160	J
9.		UNKNOWN	15.80	83	J
10.		UNKNOWN	15.93	160	J
11.	3353-12-6	PYRENE, 4-METHYL-	16.21	160	NJ
12.		UNKNOWN	16.67	150	J
13.		UNKNOWN	17.16	150	J
14.	54986-63-9	BENZO[C]PHENANTHRENE, 5,8-DI	17.99	350	NJ
15.		UNKNOWN	22.77	1600	J
16.		UNKNOWN	24.49	4900	J
17.					
18.					
19.					
20.					
21.					
22.					
23.					
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS10-S-D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-20A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9432

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	940	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	940	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	940	U
83-32-9	Acenaphthene	380	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS10-S-D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-20A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9432

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	940	U
100-02-7	4-Nitrophenol	940	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	940	U
534-52-1	4,6-Dinitro-2-methylphenol	940	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	940	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	66	JB
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SS10-S-D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-20A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9432

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.8 Extraction: (Type) SONC

Number TICs found: 27

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	78-40-0	TRIETHYL PHOSPHATE	6.90	120	NJ
2.	1599-67-3	1-DOCOSENE	16.79	390	NJ
3.	638-66-4	OCTADECANAL	17.34	88	NJ
4.	1599-67-3	1-DOCOSENE	17.60	580	NJ
5.		UNKNOWN	17.96	140	J
6.		UNKNOWN	18.02	79	J
7.	7683-64-9	SQUALENE	18.06	260	NJ
8.	1000144-57-9	16-HEPTADECENAL	18.16	270	NJ
9.	7390-81-0	OXIRANE, HEXADECYL-	18.62	98	NJ
10.		UNKNOWN	18.89	100	J
11.	1000155-85-0	BICYCLO[10.8.0]EICOSANE, (E)	19.16	340	NJ
12.		UNKNOWN	19.61	370	J
13.	638-66-4	OCTADECANAL	19.77	93	NJ
14.		UNKNOWN	20.09	180	J
15.	14811-95-1	1,19-EICOSADIENE	20.48	430	NJ
16.		UNKNOWN	21.09	700	J
17.	83-46-5	.BETA.-SITOSTEROL	21.60	1300	NJ
18.		UNKNOWN	21.83	190	J
19.		UNKNOWN	21.94	210	J
20.		UNKNOWN	22.08	250	J
21.		UNKNOWN	22.23	180	J
22.		UNKNOWN	22.33	460	J
23.	288246-53-7	PYRIDINE-3-CARBOXAMIDE, OXIM	22.80	93	NJ
24.	58-22-0	TESTOSTERONE	22.91	980	NJ
25.		UNKNOWN	23.07	160	J
26.		UNKNOWN	24.14	220	J
27.		UNKNOWN	24.38	4000	JB
28.					
29.					
30.					

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS10-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-18A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9436

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.0 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	940	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	940	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	940	U
83-32-9	Acenaphthene	380	U

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SS10-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-18A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9436

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.0 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	940	U
100-02-7	4-Nitrophenol	940	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	940	U
534-52-1	4,6-Dinitro-2-methylphenol	940	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	940	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	59	JB
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SS10-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-18A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9436

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.0 Extraction: (Type) SONC

Number TICs found: 21

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	78-40-0	TRIETHYL PHOSPHATE	6.90	120	NJ
2.	67860-04-2	OXIRANE, HEPTADECYL-	17.34	110	NJ
3.	1599-67-3	1-DOCOSENE	17.59	700	NJ
4.	7683-64-9	SQUALENE	18.06	250	NJ
5.	14811-95-1	1,19-EICOSADIENE	18.16	430	NJ
6.	629-96-9	1-EICOSANOL	18.46	840	NJ
7.	638-66-4	OCTADECANAL	18.62	140	NJ
8.	14811-95-1	1,19-EICOSADIENE	19.16	540	NJ
9.		UNKNOWN	19.57	190	J
10.		UNKNOWN	19.61	280	J
11.	14811-95-1	1,19-EICOSADIENE	19.77	130	NJ
12.	57-88-5	CHOLESTEROL	20.09	290	NJ
13.	67860-04-2	OXIRANE, HEPTADECYL-	20.48	690	NJ
14.		UNKNOWN	21.09	800	J
15.	83-46-5	.BETA.-SITOSTEROL	21.60	1200	NJ
16.		UNKNOWN	21.83	370	J
17.		UNKNOWN	22.08	370	J
18.		UNKNOWN	22.23	290	J
19.		UNKNOWN	22.32	560	J
20.	1058-61-3	STIGMAST-4-EN-3-ONE	22.91	900	NJ
21.		UNKNOWN	24.38	4200	JB
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS11-S-M

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9435

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Extraction: (Type) SONC

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
100-52-7	Benzaldehyde	370	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
98-86-2	Acetophenone	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
105-60-2	Caprolactam	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	930	U
92-52-4	1,1'-Biphenyl	370	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	930	U
131-11-3	Dimethylphthalate	370	U
606-20-2	2,6-Dinitrotoluene	370	U
208-96-8	Acenaphthylene	370	U
99-09-2	3-Nitroaniline	930	U
83-32-9	Acenaphthene	370	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS11-S-M

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9435

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	930	U
100-02-7	4-Nitrophenol	930	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
86-73-7	Fluorene	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
100-01-6	4-Nitroaniline	930	U
534-52-1	4,6-Dinitro-2-methylphenol	930	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
1912-24-9	Atrazine	370	U
87-86-5	Pentachlorophenol	930	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
86-74-8	Carbazole	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)phthalate	56	JB
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenzo(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SS11-S-M

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9435

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Extraction: (Type) SONC

Number TICs found: 15

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	78-40-0	TRIETHYL PHOSPHATE	6.90	100	NJ
2.		UNKNOWN	12.55	140	J
3.	112-88-9	1-OCTADECENE	17.60	110	NJ
4.	7683-64-9	SQUALENE	18.06	140	NJ
5.	14811-95-1	1,19-EICOSADIENE	18.15	280	NJ
6.	112-92-5	1-OCTADECANOL	18.46	440	NJ
7.		UNKNOWN	19.16	88	J
8.		UNKNOWN	20.09	140	J
9.	638-66-4	OCTADECANAL	20.47	110	NJ
10.		UNKNOWN	21.27	240	J
11.		UNKNOWN	21.44	100	J
12.	83-47-6	.GAMMA.-SITOSTEROL	21.61	330	NJ
13.		UNKNOWN	21.83	96	J
14.		UNKNOWN	22.90	160	J
15.		UNKNOWN	24.38	3500	JB
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
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28.					
29.					
30.					

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS11-S-MMS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19AMS

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9433

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	370	U
108-95-2	Phenol	2100	
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	2000	
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
98-86-2	Acetophenone	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	1300	
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
105-60-2	Caprolactam	370	U
59-50-7	4-Chloro-3-Methylphenol	2400	
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	930	U
92-52-4	1,1'-Biphenyl	370	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	930	U
131-11-3	Dimethylphthalate	370	U
606-20-2	2,6-Dinitrotoluene	370	U
208-96-8	Acenaphthylene	370	U
99-09-2	3-Nitroaniline	930	U
83-32-9	Acenaphthene	1500	

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SS11-S-MMS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19AMS

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9433

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	930	U
100-02-7	4-Nitrophenol	2600	
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	1400	
84-66-2	Diethylphthalate	370	U
86-73-7	Fluorene	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
100-01-6	4-Nitroaniline	930	U
534-52-1	4,6-Dinitro-2-methylphenol	930	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
1912-24-9	Atrazine	370	U
87-86-5	Pentachlorophenol	2500	
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
86-74-8	Carbazole	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	1900	
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)phthalate	60	JB
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenzo(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS11-S-MMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19AMSD

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9434

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	370	U
108-95-2	Phenol	2100	
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	1900	
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
98-86-2	Acetophenone	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	1300	
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
105-60-2	Caprolactam	370	U
59-50-7	4-Chloro-3-Methylphenol	2400	
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	930	U
92-52-4	1,1'-Biphenyl	370	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	930	U
131-11-3	Dimethylphthalate	370	U
606-20-2	2,6-Dinitrotoluene	370	U
208-96-8	Acenaphthylene	370	U
99-09-2	3-Nitroaniline	930	U
83-32-9	Acenaphthene	1500	

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS11-S-MMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19AMSD

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9434

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Extraction: (Type) SONC

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q	
51-28-5	2,4-Dinitrophenol	930	U
100-02-7	4-Nitrophenol	2500	
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	1400	
84-66-2	Diethylphthalate	370	U
86-73-7	Fluorene	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
100-01-6	4-Nitroaniline	930	U
534-52-1	4,6-Dinitro-2-methylphenol	930	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
1912-24-9	Atrazine	370	U
87-86-5	Pentachlorophenol	2800	
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
86-74-8	Carbazole	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	1900	
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)phthalate	59	JB
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenzo(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S4DLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: LCS-19468

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9428

Level: (low/med) LOW Date Received: _____

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	330	U
108-95-2	Phenol	2200	
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	2000	
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
98-86-2	Acetophenone	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	1300	
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
105-60-2	Caprolactam	330	U
59-50-7	4-Chloro-3-Methylphenol	2200	
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	830	U
92-52-4	1,1'-Biphenyl	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	U
131-11-3	Dimethylphthalate	330	U
606-20-2	2,6-Dinitrotoluene	330	U
208-96-8	Acenaphthylene	330	U
99-09-2	3-Nitroaniline	830	U
83-32-9	Acenaphthene	1500	

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

S4DLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: LCS-19468

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9428

Level: (low/med) LOW Date Received: _____

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	830	U
100-02-7	4-Nitrophenol	2400	
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	1400	
84-66-2	Diethylphthalate	330	U
86-73-7	Fluorene	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
100-01-6	4-Nitroaniline	830	U
534-52-1	4,6-Dinitro-2-methylphenol	830	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	2600	
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	1800	
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	36	JB
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S4GLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: LCS-19676

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9523

Level: (low/med) LOW Date Received: _____

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	330	U
108-95-2	Phenol	2200	
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	2100	
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
98-86-2	Acetophenone	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	1500	
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
105-60-2	Caprolactam	330	U
59-50-7	4-Chloro-3-Methylphenol	2400	
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	830	U
92-52-4	1,1'-Biphenyl	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	U
131-11-3	Dimethylphthalate	330	U
606-20-2	2,6-Dinitrotoluene	330	U
208-96-8	Acenaphthylene	330	U
99-09-2	3-Nitroaniline	830	U
83-32-9	Acenaphthene	1400	

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S4GLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: LCS-19676

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9523

Level: (low/med) LOW Date Received: _____

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	830	U
100-02-7	4-Nitrophenol	2500	
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	1400	
84-66-2	Diethylphthalate	330	U
86-73-7	Fluorene	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
100-01-6	4-Nitroaniline	830	U
534-52-1	4,6-Dinitro-2-methylphenol	830	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	2800	E
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	1600	
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD01-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-05A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7532F

% Moisture: 72 Decanted: (Y/N) N Date Received: 08/10/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 4.5 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	6.1	U
319-85-7	beta-BHC	6.1	U
319-86-8	delta-BHC	6.1	U
58-89-9	gamma-BHC (Lindane)	6.1	U
76-44-8	Heptachlor	6.1	U
309-00-2	Aldrin	6.1	U
1024-57-3	Heptachlor epoxide	6.1	U
959-98-8	Endosulfan I	6.1	U
60-57-1	Dieldrin	12	U
72-55-9	4,4'-DDE	12	U
72-20-8	Endrin	12	U
33213-65-9	Endosulfan II	12	U
72-54-8	4,4'-DDD	12	U
1031-07-8	Endosulfan sulfate	12	U
50-29-3	4,4'-DDT	12	U
72-43-5	Methoxychlor	61	U
53494-70-5	Endrin ketone	12	U
7421-93-4	Endrin aldehyde	12	U
5103-71-9	alpha-Chlordane	6.1	U
5103-74-2	gamma-Chlordane	6.1	U
8001-35-2	Toxaphene	610	U
12674-11-2	Aroclor-1016	120	U
11104-28-2	Aroclor-1221	240	U
11141-16-5	Aroclor-1232	120	U
53469-21-9	Aroclor-1242	120	U
12672-29-6	Aroclor-1248	120	U
11097-69-1	Aroclor-1254	120	U
11096-82-5	Aroclor-1260	120	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-03A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7542F

% Moisture: 78 Decanted: (Y/N) N Date Received: 08/09/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	7.7	U
319-85-7	beta-BHC	7.7	U
319-86-8	delta-BHC	7.7	U
58-89-9	gamma-BHC (Lindane)	7.7	U
76-44-8	Heptachlor	7.7	U
309-00-2	Aldrin	7.7	U
1024-57-3	Heptachlor epoxide	7.7	U
959-98-8	Endosulfan I	7.7	U
60-57-1	Dieldrin	15	U
72-55-9	4,4'-DDE	15	U
72-20-8	Endrin	24	
33213-65-9	Endosulfan II	15	U
72-54-8	4,4'-DDD	15	U
1031-07-8	Endosulfan sulfate	15	U
50-29-3	4,4'-DDT	15	U
72-43-5	Methoxychlor	77	U
53494-70-5	Endrin ketone	15	U
7421-93-4	Endrin aldehyde	15	U
5103-71-9	alpha-Chlordane	7.7	U
5103-74-2	gamma-Chlordane	7.7	U
8001-35-2	Toxaphene	770	U
12674-11-2	Aroclor-1016	150	U
11104-28-2	Aroclor-1221	300	U
11141-16-5	Aroclor-1232	150	U
53469-21-9	Aroclor-1242	150	U
12672-29-6	Aroclor-1248	150	U
11097-69-1	Aroclor-1254	150	U
11096-82-5	Aroclor-1260	150	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7541F

% Moisture: 79 Decanted: (Y/N) N Date Received: 08/09/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	8.1	U
319-85-7	beta-BHC	8.1	U
319-86-8	delta-BHC	8.1	U
58-89-9	gamma-BHC (Lindane)	8.1	U
76-44-8	Heptachlor	8.1	U
309-00-2	Aldrin	8.1	U
1024-57-3	Heptachlor epoxide	8.1	U
959-98-8	Endosulfan I	8.1	U
60-57-1	Dieldrin	16	U
72-55-9	4,4'-DDE	16	U
72-20-8	Endrin	16	U
33213-65-9	Endosulfan II	16	U
72-54-8	4,4'-DDD	19	P
1031-07-8	Endosulfan sulfate	16	U
50-29-3	4,4'-DDT	16	U
72-43-5	Methoxychlor	81	U
53494-70-5	Endrin ketone	16	U
7421-93-4	Endrin aldehyde	16	U
5103-71-9	alpha-Chlordane	5.6	J
5103-74-2	gamma-Chlordane	8.1	U
8001-35-2	Toxaphene	810	U
12674-11-2	Aroclor-1016	160	U
11104-28-2	Aroclor-1221	320	U
11141-16-5	Aroclor-1232	160	U
53469-21-9	Aroclor-1242	160	U
12672-29-6	Aroclor-1248	160	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD03-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-01A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7530F

% Moisture: 70 Decanted: (Y/N) N Date Received: 08/09/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	5.7	U
319-85-7	beta-BHC	5.7	U
319-86-8	delta-BHC	5.7	U
58-89-9	gamma-BHC (Lindane)	5.7	U
76-44-8	Heptachlor	5.7	U
309-00-2	Aldrin	5.7	U
1024-57-3	Heptachlor epoxide	5.7	U
959-98-8	Endosulfan I	5.7	U
60-57-1	Dieldrin	11	U
72-55-9	4,4'-DDE	11	U
72-20-8	Endrin	11	U
33213-65-9	Endosulfan II	11	U
72-54-8	4,4'-DDD	11	U
1031-07-8	Endosulfan sulfate	11	U
50-29-3	4,4'-DDT	11	U
72-43-5	Methoxychlor	57	U
53494-70-5	Endrin ketone	11	U
7421-93-4	Endrin aldehyde	11	U
5103-71-9	alpha-Chlordane	5.7	U
5103-74-2	gamma-Chlordane	5.7	U
8001-35-2	Toxaphene	570	U
12674-11-2	Aroclor-1016	110	U
11104-28-2	Aroclor-1221	220	U
11141-16-5	Aroclor-1232	110	U
53469-21-9	Aroclor-1242	110	U
12672-29-6	Aroclor-1248	110	U
11097-69-1	Aroclor-1254	110	U
11096-82-5	Aroclor-1260	110	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD04-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-14A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E2E7548F

% Moisture: 71 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	5.8	U
319-85-7	beta-BHC	5.8	U
319-86-8	delta-BHC	5.8	U
58-89-9	gamma-BHC (Lindane)	5.8	U
76-44-8	Heptachlor	5.8	U
309-00-2	Aldrin	5.8	U
1024-57-3	Heptachlor epoxide	5.8	U
959-98-8	Endosulfan I	5.8	U
60-57-1	Dieldrin	11	U
72-55-9	4,4'-DDE	11	U
72-20-8	Endrin	11	U
33213-65-9	Endosulfan II	11	U
72-54-8	4,4'-DDD	11	U
1031-07-8	Endosulfan sulfate	11	U
50-29-3	4,4'-DDT	11	U
72-43-5	Methoxychlor	58	U
53494-70-5	Endrin ketone	11	U
7421-93-4	Endrin aldehyde	11	U
5103-71-9	alpha-Chlordane	5.8	U
5103-74-2	gamma-Chlordane	5.8	U
8001-35-2	Toxaphene	580	U
12674-11-2	Aroclor-1016	110	U
11104-28-2	Aroclor-1221	230	U
11141-16-5	Aroclor-1232	110	U
53469-21-9	Aroclor-1242	110	U
12672-29-6	Aroclor-1248	110	U
11097-69-1	Aroclor-1254	110	U
11096-82-5	Aroclor-1260	110	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD05-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-08A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7544F

% Moisture: 76 Decanted: (Y/N) N Date Received: 08/10/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	7.1	U
319-85-7	beta-BHC	7.1	U
319-86-8	delta-BHC	7.1	U
58-89-9	gamma-BHC (Lindane)	7.1	U
76-44-8	Heptachlor	7.1	U
309-00-2	Aldrin	7.1	U
1024-57-3	Heptachlor epoxide	7.1	U
959-98-8	Endosulfan I	7.1	U
60-57-1	Dieldrin	14	U
72-55-9	4,4'-DDE	14	U
72-20-8	Endrin	14	U
33213-65-9	Endosulfan II	14	U
72-54-8	4,4'-DDD	14	U
1031-07-8	Endosulfan sulfate	14	U
50-29-3	4,4'-DDT	14	U
72-43-5	Methoxychlor	71	U
53494-70-5	Endrin ketone	14	U
7421-93-4	Endrin aldehyde	14	U
5103-71-9	alpha-Chlordane	7.1	U
5103-74-2	gamma-Chlordane	7.1	U
8001-35-2	Toxaphene	710	U
12674-11-2	Aroclor-1016	140	U
11104-28-2	Aroclor-1221	280	U
11141-16-5	Aroclor-1232	140	U
53469-21-9	Aroclor-1242	140	U
12672-29-6	Aroclor-1248	140	U
11097-69-1	Aroclor-1254	140	U
11096-82-5	Aroclor-1260	140	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD06-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-09A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E2E7533F

% Moisture: 55 Decanted: (Y/N) N Date Received: 08/10/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	3.8	U
319-85-7	beta-BHC	3.8	U
319-86-8	delta-BHC	3.8	U
58-89-9	gamma-BHC (Lindane)	3.8	U
76-44-8	Heptachlor	3.8	U
309-00-2	Aldrin	3.8	U
1024-57-3	Heptachlor epoxide	3.8	U
959-98-8	Endosulfan I	3.8	U
60-57-1	Dieldrin	7.3	U
72-55-9	4,4'-DDE	7.3	U
72-20-8	Endrin	7.3	U
33213-65-9	Endosulfan II	7.3	U
72-54-8	4,4'-DDD	7.3	U
1031-07-8	Endosulfan sulfate	7.3	U
50-29-3	4,4'-DDT	7.3	U
72-43-5	Methoxychlor	38	U
53494-70-5	Endrin ketone	7.3	U
7421-93-4	Endrin aldehyde	7.3	U
5103-71-9	alpha-Chlordane	3.8	U
5103-74-2	gamma-Chlordane	3.8	U
8001-35-2	Toxaphene	380	U
12674-11-2	Aroclor-1016	73	U
11104-28-2	Aroclor-1221	150	U
11141-16-5	Aroclor-1232	73	U
53469-21-9	Aroclor-1242	73	U
12672-29-6	Aroclor-1248	73	U
11097-69-1	Aroclor-1254	73	U
11096-82-5	Aroclor-1260	73	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-M

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7507F

% Moisture: 47 Decanted: (Y/N) N Date Received: 08/10/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/23/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	3.2	U
319-85-7	beta-BHC	3.2	U
319-86-8	delta-BHC	3.2	U
58-89-9	gamma-BHC (Lindane)	3.2	U
76-44-8	Heptachlor	3.2	U
309-00-2	Aldrin	3.2	U
1024-57-3	Heptachlor epoxide	3.2	U
959-98-8	Endosulfan I	3.2	U
60-57-1	Dieldrin	6.2	U
72-55-9	4,4'-DDE	7.4	
72-20-8	Endrin	6.2	U
33213-65-9	Endosulfan II	6.2	U
72-54-8	4,4'-DDD	6.2	U
1031-07-8	Endosulfan sulfate	7.8	
50-29-3	4,4'-DDT	24	P
72-43-5	Methoxychlor	32	U
53494-70-5	Endrin ketone	6.2	U
7421-93-4	Endrin aldehyde	6.2	U
5103-71-9	alpha-Chlordane	3.2	U
5103-74-2	gamma-Chlordane	3.2	U
8001-35-2	Toxaphene	320	U
12674-11-2	Aroclor-1016	62	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	62	U
53469-21-9	Aroclor-1242	62	U
12672-29-6	Aroclor-1248	62	U
11097-69-1	Aroclor-1254	62	U
11096-82-5	Aroclor-1260	530	P

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MRE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7558F

% Moisture: 47 Decanted: (Y/N) N Date Received: 08/10/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	3.2	U
319-85-7	beta-BHC	3.2	U
319-86-8	delta-BHC	3.2	U
58-89-9	gamma-BHC (Lindane)	3.2	U
76-44-8	Heptachlor	3.2	U
309-00-2	Aldrin	3.2	U
1024-57-3	Heptachlor epoxide	3.2	U
959-98-8	Endosulfan I	3.2	U
60-57-1	Dieldrin	6.2	U
72-55-9	4,4'-DDE	7.8	
72-20-8	Endrin	6.2	U
33213-65-9	Endosulfan II	6.2	U
72-54-8	4,4'-DDD	6.2	U
1031-07-8	Endosulfan sulfate	6.9	
50-29-3	4,4'-DDT	28	P
72-43-5	Methoxychlor	32	U
53494-70-5	Endrin ketone	6.2	U
7421-93-4	Endrin aldehyde	6.2	U
5103-71-9	alpha-Chlordane	3.2	U
5103-74-2	gamma-Chlordane	3.2	U
8001-35-2	Toxaphene	320	U
12674-11-2	Aroclor-1016	62	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	62	U
53469-21-9	Aroclor-1242	62	U
12672-29-6	Aroclor-1248	62	U
11097-69-1	Aroclor-1254	62	U
11096-82-5	Aroclor-1260	530	P

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MMS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07AMS

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E5C2112F

% Moisture: 47 Decanted: (Y/N) N Date Received: 08/10/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/28/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	3.2	U
319-85-7	beta-BHC	3.2	U
319-86-8	delta-BHC	3.2	U
58-89-9	gamma-BHC (Lindane)	21	
76-44-8	Heptachlor	25	P
309-00-2	Aldrin	25	
1024-57-3	Heptachlor epoxide	3.2	U
959-98-8	Endosulfan I	3.2	U
60-57-1	Dieldrin	57	
72-55-9	4,4'-DDE	9.7	
72-20-8	Endrin	62	
33213-65-9	Endosulfan II	6.2	U
72-54-8	4,4'-DDD	7.7	P
1031-07-8	Endosulfan sulfate	6.2	U
50-29-3	4,4'-DDT	61	P
72-43-5	Methoxychlor	32	U
53494-70-5	Endrin ketone	6.2	U
7421-93-4	Endrin aldehyde	3.3	JP
5103-71-9	alpha-Chlordane	3.2	U
5103-74-2	gamma-Chlordane	5.7	P
8001-35-2	Toxaphene	320	U
12674-11-2	Aroclor-1016	62	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	62	U
53469-21-9	Aroclor-1242	62	U
12672-29-6	Aroclor-1248	62	U
11097-69-1	Aroclor-1254	62	U
11096-82-5	Aroclor-1260	620	P

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07AMSD

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E5C2113F

% Moisture: 47 Decanted: (Y/N) N Date Received: 08/10/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/28/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	3.2	U
319-85-7	beta-BHC	3.2	U
319-86-8	delta-BHC	3.2	U
58-89-9	gamma-BHC (Lindane)	20	
76-44-8	Heptachlor	23	P
309-00-2	Aldrin	22	
1024-57-3	Heptachlor epoxide	3.2	U
959-98-8	Endosulfan I	3.2	U
60-57-1	Dieldrin	53	
72-55-9	4,4'-DDE	8.8	
72-20-8	Endrin	59	
33213-65-9	Endosulfan II	6.2	U
72-54-8	4,4'-DDD	6.5	P
1031-07-8	Endosulfan sulfate	6.3	P
50-29-3	4,4'-DDT	56	P
72-43-5	Methoxychlor	32	U
53494-70-5	Endrin ketone	6.2	U
7421-93-4	Endrin aldehyde	3.2	JP
5103-71-9	alpha-Chlordane	3.2	U
5103-74-2	gamma-Chlordane	5.9	P
8001-35-2	Toxaphene	320	U
12674-11-2	Aroclor-1016	62	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	62	U
53469-21-9	Aroclor-1242	62	U
12672-29-6	Aroclor-1248	62	U
11097-69-1	Aroclor-1254	62	U
11096-82-5	Aroclor-1260	630	P

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-06A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7543F

% Moisture: 48 Decanted: (Y/N) N Date Received: 08/10/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	3.3	U
319-85-7	beta-BHC	3.3	U
319-86-8	delta-BHC	3.3	U
58-89-9	gamma-BHC (Lindane)	3.3	U
76-44-8	Heptachlor	3.3	U
309-00-2	Aldrin	3.3	U
1024-57-3	Heptachlor epoxide	3.3	U
959-98-8	Endosulfan I	3.3	U
60-57-1	Dieldrin	6.3	U
72-55-9	4,4'-DDE	6.4	P
72-20-8	Endrin	6.3	U
33213-65-9	Endosulfan II	6.3	U
72-54-8	4,4'-DDD	6.3	U
1031-07-8	Endosulfan sulfate	8.7	
50-29-3	4,4'-DDT	29	P
72-43-5	Methoxychlor	33	U
53494-70-5	Endrin ketone	6.3	U
7421-93-4	Endrin aldehyde	6.3	U
5103-71-9	alpha-Chlordane	3.3	U
5103-74-2	gamma-Chlordane	3.3	U
8001-35-2	Toxaphene	330	U
12674-11-2	Aroclor-1016	63	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	63	U
53469-21-9	Aroclor-1242	63	U
12672-29-6	Aroclor-1248	63	U
11097-69-1	Aroclor-1254	63	U
11096-82-5	Aroclor-1260	570	P

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD08-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-11A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E2E7545F

% Moisture: 69 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.9 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	5.5	U
319-85-7	beta-BHC	5.5	U
319-86-8	delta-BHC	5.5	U
58-89-9	gamma-BHC (Lindane)	5.5	U
76-44-8	Heptachlor	5.5	U
309-00-2	Aldrin	5.5	U
1024-57-3	Heptachlor epoxide	5.5	U
959-98-8	Endosulfan I	5.5	U
60-57-1	Dieldrin	11	U
72-55-9	4,4'-DDE	11	U
72-20-8	Endrin	11	U
33213-65-9	Endosulfan II	11	U
72-54-8	4,4'-DDD	11	U
1031-07-8	Endosulfan sulfate	11	U
50-29-3	4,4'-DDT	11	U
72-43-5	Methoxychlor	55	U
53494-70-5	Endrin ketone	11	U
7421-93-4	Endrin aldehyde	11	U
5103-71-9	alpha-Chlordane	5.5	U
5103-74-2	gamma-Chlordane	5.5	U
8001-35-2	Toxaphene	550	U
12674-11-2	Aroclor-1016	110	U
11104-28-2	Aroclor-1221	220	U
11141-16-5	Aroclor-1232	110	U
53469-21-9	Aroclor-1242	110	U
12672-29-6	Aroclor-1248	110	U
11097-69-1	Aroclor-1254	110	U
11096-82-5	Aroclor-1260	110	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD09-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-10A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E2E7534F

% Moisture: 40 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.1 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.8	U
319-85-7	beta-BHC	2.8	U
319-86-8	delta-BHC	2.8	U
58-89-9	gamma-BHC (Lindane)	2.8	U
76-44-8	Heptachlor	2.8	U
309-00-2	Aldrin	2.8	U
1024-57-3	Heptachlor epoxide	2.8	U
959-98-8	Endosulfan I	2.8	U
60-57-1	Dieldrin	5.5	U
72-55-9	4,4'-DDE	5.5	U
72-20-8	Endrin	5.5	U
33213-65-9	Endosulfan II	5.5	U
72-54-8	4,4'-DDD	5.5	U
1031-07-8	Endosulfan sulfate	5.5	U
50-29-3	4,4'-DDT	5.5	U
72-43-5	Methoxychlor	28	U
53494-70-5	Endrin ketone	5.5	U
7421-93-4	Endrin aldehyde	5.5	U
5103-71-9	alpha-Chlordane	2.8	U
5103-74-2	gamma-Chlordane	2.8	U
8001-35-2	Toxaphene	280	U
12674-11-2	Aroclor-1016	55	U
11104-28-2	Aroclor-1221	110	U
11141-16-5	Aroclor-1232	55	U
53469-21-9	Aroclor-1242	55	U
12672-29-6	Aroclor-1248	55	U
11097-69-1	Aroclor-1254	55	U
11096-82-5	Aroclor-1260	55	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD10-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-12A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7546F

% Moisture: 50 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	3.4	U
319-85-7	beta-BHC	3.4	U
319-86-8	delta-BHC	3.4	U
58-89-9	gamma-BHC (Lindane)	3.4	U
76-44-8	Heptachlor	3.4	U
309-00-2	Aldrin	3.4	U
1024-57-3	Heptachlor epoxide	3.4	U
959-98-8	Endosulfan I	3.4	U
60-57-1	Dieldrin	6.6	U
72-55-9	4,4'-DDE	7.5	
72-20-8	Endrin	6.6	U
33213-65-9	Endosulfan II	6.6	U
72-54-8	4,4'-DDD	6.6	U
1031-07-8	Endosulfan sulfate	6.6	U
50-29-3	4,4'-DDT	6.6	U
72-43-5	Methoxychlor	34	U
53494-70-5	Endrin ketone	6.6	U
7421-93-4	Endrin aldehyde	6.6	U
5103-71-9	alpha-Chlordane	3.4	U
5103-74-2	gamma-Chlordane	5.0	
8001-35-2	Toxaphene	340	U
12674-11-2	Aroclor-1016	66	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	66	U
53469-21-9	Aroclor-1242	66	U
12672-29-6	Aroclor-1248	66	U
11097-69-1	Aroclor-1254	82	P
11096-82-5	Aroclor-1260	66	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD11-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-13A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7547F

% Moisture: 81 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	8.9	U
319-85-7	beta-BHC	8.9	U
319-86-8	delta-BHC	8.9	U
58-89-9	gamma-BHC (Lindane)	8.9	U
76-44-8	Heptachlor	8.9	U
309-00-2	Aldrin	8.9	U
1024-57-3	Heptachlor epoxide	8.9	U
959-98-8	Endosulfan I	8.9	U
60-57-1	Dieldrin	17	U
72-55-9	4,4'-DDE	17	U
72-20-8	Endrin	17	U
33213-65-9	Endosulfan II	17	U
72-54-8	4,4'-DDD	17	U
1031-07-8	Endosulfan sulfate	17	U
50-29-3	4,4'-DDT	17	U
72-43-5	Methoxychlor	89	U
53494-70-5	Endrin ketone	17	U
7421-93-4	Endrin aldehyde	17	U
5103-71-9	alpha-Chlordane	8.9	U
5103-74-2	gamma-Chlordane	8.9	U
8001-35-2	Toxaphene	890	U
12674-11-2	Aroclor-1016	170	U
11104-28-2	Aroclor-1221	350	U
11141-16-5	Aroclor-1232	170	U
53469-21-9	Aroclor-1242	170	U
12672-29-6	Aroclor-1248	170	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD12-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-04A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7531F

% Moisture: 63 Decanted: (Y/N) N Date Received: 08/10/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	4.6	U
319-85-7	beta-BHC	4.6	U
319-86-8	delta-BHC	4.6	U
58-89-9	gamma-BHC (Lindane)	4.6	U
76-44-8	Heptachlor	4.6	U
309-00-2	Aldrin	4.6	U
1024-57-3	Heptachlor epoxide	4.6	U
959-98-8	Endosulfan I	4.6	U
60-57-1	Dieldrin	8.9	U
72-55-9	4,4'-DDE	9.0	
72-20-8	Endrin	8.9	U
33213-65-9	Endosulfan II	8.9	U
72-54-8	4,4'-DDD	9.2	P
1031-07-8	Endosulfan sulfate	8.9	U
50-29-3	4,4'-DDT	8.9	U
72-43-5	Methoxychlor	46	U
53494-70-5	Endrin ketone	8.9	U
7421-93-4	Endrin aldehyde	8.9	U
5103-71-9	alpha-Chlordane	4.6	U
5103-74-2	gamma-Chlordane	4.6	U
8001-35-2	Toxaphene	460	U
12674-11-2	Aroclor-1016	89	U
11104-28-2	Aroclor-1221	180	U
11141-16-5	Aroclor-1232	89	U
53469-21-9	Aroclor-1242	89	U
12672-29-6	Aroclor-1248	89	U
11097-69-1	Aroclor-1254	89	U
11096-82-5	Aroclor-1260	170	P

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS02-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-15A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7516F

% Moisture: 10 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	3.7	U
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	3.7	U
* 72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	74	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS02-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-15ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7552F

% Moisture: 10 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	3.7	U
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	3.7	U
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	74	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS03-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-16A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7517F

% Moisture: 14 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.3 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	0.97	J
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	3.8	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS03-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-16ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7553F

% Moisture: 14 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.3 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	3.8	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	3.8	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS05-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-17A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7518F

% Moisture: 13 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.4 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	1.6	J
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
* 72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	2.0	JP
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS05-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-17ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7554F

% Moisture: 13 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.4 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	3.8	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	2.0	JP
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS10-S-D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-20A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7521F

% Moisture: 12 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.8 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	4.4	P
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	4.9	
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS10-S-DRE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-20ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7557F

% Moisture: 12 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.8 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	6.2	
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	4.9	
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS10-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-18A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7519F

% Moisture: 12 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.0 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	4.1	
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	4.7	
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS10-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-18ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7555F

% Moisture: 12 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.0 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	5.3	
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	4.8	
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS11-S-M

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7520F

% Moisture: 11 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	3.7	U
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	3.7	U
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	75	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS11-S-MMS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19AMS

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E5C2110F

% Moisture: 11 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/28/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	15	
76-44-8	Heptachlor	18	P
309-00-2	Aldrin	18	
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	38	
72-55-9	4,4'-DDE	2.1	J
72-20-8	Endrin	44	
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	36	
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	75	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS11-S-MMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19AMSD

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E5C2111F

% Moisture: 11 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/28/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	15	
76-44-8	Heptachlor	18	P
309-00-2	Aldrin	18	
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	38	
72-55-9	4,4'-DDE	2.5	JP
72-20-8	Endrin	45	
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	36	
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	75	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS11-S-MRE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7556F

% Moisture: 11 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.6 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	3.7	U
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	3.7	U
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	75	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2ELCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: LCS-19467

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7529F

% Moisture: 0 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	14	
76-44-8	Heptachlor	15	
309-00-2	Aldrin	15	
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	32	
72-55-9	4,4'-DDE	1.9	J
72-20-8	Endrin	39	
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4'-DDT	37	
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	67	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD01-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-05

Level (low/med): MED Date Received: 08/10/05

% Solids: 28.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	25200		*	P
7440-36-0	Antimony	1.7	J	N	P
7440-38-2	Arsenic	7.6			P
7440-39-3	Barium	461			P
7440-41-7	Beryllium	0.93	J		P
7440-43-9	Cadmium	1.8		E	P
7440-70-2	Calcium	4830			P
7440-47-3	Chromium	32.6			P
7440-48-4	Cobalt	10.9	J		P
7440-50-8	Copper	79.9			P
7439-89-6	Iron	29400			P
7439-92-1	Lead	78.4			P
7439-95-4	Magnesium	6320			P
7439-96-5	Manganese	275		N	P
7440-02-0	Nickel	37.3			P
7440-09-7	Potassium	3460			P
7782-49-2	Selenium	10.0	U	N	P
7440-22-4	Silver	3.1			P
7440-23-5	Sodium	198	J		P
7440-28-0	Thallium	7.2	U		P
7440-62-2	Vanadium	43.8			P
7440-66-6	Zinc	312			P
7439-97-6	Mercury	0.28	J	N	CV
	Cyanide	8.2	U		CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD02-S-D

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-03

Level (low/med): MED Date Received: 08/09/05

% Solids: 22.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11900		*	P
7440-36-0	Antimony	1.7	J	N	P
7440-38-2	Arsenic	14.0			P
7440-39-3	Barium	254			P
7440-41-7	Beryllium	0.66	J		P
7440-43-9	Cadmium	1.5	J	E	P
7440-70-2	Calcium	38300			P
7440-47-3	Chromium	18.9			P
7440-48-4	Cobalt	6.0	J		P
7440-50-8	Copper	46.8			P
7439-89-6	Iron	51000			P
7439-92-1	Lead	44.9			P
7439-95-4	Magnesium	4350			P
7439-96-5	Manganese	3090		N	P
7440-02-0	Nickel	19.2			P
7440-09-7	Potassium	3010			P
7782-49-2	Selenium	11.0	U	N	P
7440-22-4	Silver	3.1	U		P
7440-23-5	Sodium	725	J		P
7440-28-0	Thallium	7.8	U		P
7440-62-2	Vanadium	28.2			P
7440-66-6	Zinc	185			P
7439-97-6	Mercury	0.11	J	N	CV
	Cyanide	0.45	J		CA

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD02-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-02

Level (low/med): MED Date Received: 08/09/05

% Solids: 21.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16100		*	P
7440-36-0	Antimony	2.1	J	N	P
7440-38-2	Arsenic	18.1			P
7440-39-3	Barium	338			P
7440-41-7	Beryllium	0.90	J		P
7440-43-9	Cadmium	1.7		E	P
7440-70-2	Calcium	32000			P
7440-47-3	Chromium	25.0			P
7440-48-4	Cobalt	9.2	J		P
7440-50-8	Copper	58.0			P
7439-89-6	Iron	51200			P
7439-92-1	Lead	63.3			P
7439-95-4	Magnesium	5680			P
7439-96-5	Manganese	2880		N	P
7440-02-0	Nickel	26.1			P
7440-09-7	Potassium	3860			P
7782-49-2	Selenium	11.0	U	N	P
7440-22-4	Silver	3.3	U		P
7440-23-5	Sodium	808	J		P
7440-28-0	Thallium	8.2	U		P
7440-62-2	Vanadium	37.7			P
7440-66-6	Zinc	259			P
7439-97-6	Mercury	0.12	J	N	CV
	Cyanide	0.60	J		CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD03-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-01

Level (low/med): MED Date Received: 08/09/05

% Solids: 30.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	21300		*	P
7440-36-0	Antimony	1.8	J	N	P
7440-38-2	Arsenic	7.6			P
7440-39-3	Barium	385			P
7440-41-7	Beryllium	1.1	J		P
7440-43-9	Cadmium	0.99	J	E	P
7440-70-2	Calcium	10100			P
7440-47-3	Chromium	29.7			P
7440-48-4	Cobalt	9.2	J		P
7440-50-8	Copper	45.9			P
7439-89-6	Iron	27300			P
7439-92-1	Lead	109			P
7439-95-4	Magnesium	4210			P
7439-96-5	Manganese	550		N	P
7440-02-0	Nickel	28.6			P
7440-09-7	Potassium	2880			P
7782-49-2	Selenium	0.32	J	N	P
7440-22-4	Silver	1.4	J		P
7440-23-5	Sodium	1380			P
7440-28-0	Thallium	6.6	U		P
7440-62-2	Vanadium	38.1			P
7440-66-6	Zinc	163			P
7439-97-6	Mercury	0.15	J	N	CV
	Cyanide	7.6	U		CA

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD04-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-14

Level (low/med): MED Date Received: 08/11/05

% Solids: 29.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	68.5		*	P
7440-36-0	Antimony	8.1	J	N	P
7440-38-2	Arsenic	5.4			P
7440-39-3	Barium	3180			P
7440-41-7	Beryllium	1.2	U		P
7440-43-9	Cadmium	9.1		E	P
7440-70-2	Calcium	40300			P
7440-47-3	Chromium	3.2			P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	52.8			P
7439-89-6	Iron	288000			P
7439-92-1	Lead	43.5			P
7439-95-4	Magnesium	462	J		P
7439-96-5	Manganese	496		N	P
7440-02-0	Nickel	0.25	J		P
7440-09-7	Potassium	213	J		P
7782-49-2	Selenium	8.1	U	N	P
7440-22-4	Silver	2.3	U		P
7440-23-5	Sodium	150	J		P
7440-28-0	Thallium	5.8	U		P
7440-62-2	Vanadium	0.45	J		P
7440-66-6	Zinc	536			P
7439-97-6	Mercury	0.30	U	N	CV
	Cyanide	7.8	U		CA

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD05-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-08

Level (low/med): MED Date Received: 08/10/05

% Solids: 24.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10800		*	P
7440-36-0	Antimony	2.6	J	N	P
7440-38-2	Arsenic	13.6			P
7440-39-3	Barium	2120			P
7440-41-7	Beryllium	0.53	J		P
7440-43-9	Cadmium	2.2		E	P
7440-70-2	Calcium	170000			P
7440-47-3	Chromium	13.8			P
7440-48-4	Cobalt	8.0	J		P
7440-50-8	Copper	83.2			P
7439-89-6	Iron	59400			P
7439-92-1	Lead	73.9			P
7439-95-4	Magnesium	4360			P
7439-96-5	Manganese	6470		N	P
7440-02-0	Nickel	22.2			P
7440-09-7	Potassium	1970			P
7782-49-2	Selenium	10.0	U	N	P
7440-22-4	Silver	2.9	U		P
7440-23-5	Sodium	393	J		P
7440-28-0	Thallium	7.2	U		P
7440-62-2	Vanadium	33.5			P
7440-66-6	Zinc	400			P
7439-97-6	Mercury	0.28	J	N	CV
	Cyanide	0.66	J		CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD06-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-09

Level (low/med): MED Date Received: 08/10/05

% Solids: 45.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16100		*	P
7440-36-0	Antimony	1.1	J	N	P
7440-38-2	Arsenic	6.2			P
7440-39-3	Barium	349			P
7440-41-7	Beryllium	0.79			P
7440-43-9	Cadmium	0.73	J	E	P
7440-70-2	Calcium	5110			P
7440-47-3	Chromium	23.0			P
7440-48-4	Cobalt	9.8			P
7440-50-8	Copper	31.6			P
7439-89-6	Iron	26900			P
7439-92-1	Lead	31.9			P
7439-95-4	Magnesium	5380			P
7439-96-5	Manganese	833		N	P
7440-02-0	Nickel	24.2			P
7440-09-7	Potassium	2250			P
7782-49-2	Selenium	5.2	U	N	P
7440-22-4	Silver	1.4	J		P
7440-23-5	Sodium	137	J		P
7440-28-0	Thallium	3.7	U		P
7440-62-2	Vanadium	26.3			P
7440-66-6	Zinc	103			P
7439-97-6	Mercury	0.11	J	N	CV
	Cyanide	4.8	U		CA

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD07-S-M

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-07

Level (low/med): MED Date Received: 08/10/05

% Solids: 53.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	23500		*	P
7440-36-0	Antimony	1.2	J	N	P
7440-38-2	Arsenic	9.5			P
7440-39-3	Barium	397			P
7440-41-7	Beryllium	1.2			P
7440-43-9	Cadmium	1.6		E	P
7440-70-2	Calcium	4950			P
7440-47-3	Chromium	29.1			P
7440-48-4	Cobalt	6.4	J		P
7440-50-8	Copper	95.6			P
7439-89-6	Iron	25500			P
7439-92-1	Lead	265			P
7439-95-4	Magnesium	3620			P
7439-96-5	Manganese	210		N	P
7440-02-0	Nickel	28.3			P
7440-09-7	Potassium	2330			P
7782-49-2	Selenium	2.2	J	N	P
7440-22-4	Silver	2.7			P
7440-23-5	Sodium	580	J		P
7440-28-0	Thallium	3.3	U		P
7440-62-2	Vanadium	39.9			P
7440-66-6	Zinc	315			P
7439-97-6	Mercury	0.62		N	CV
	Cyanide	4.1	U		CA

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD07-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-06

Level (low/med): MED Date Received: 08/10/05

% Solids: 52.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11100		*	P
7440-36-0	Antimony	1.4	J	N	P
7440-38-2	Arsenic	6.6			P
7440-39-3	Barium	149			P
7440-41-7	Beryllium	0.71			P
7440-43-9	Cadmium	2.3		E	P
7440-70-2	Calcium	3760			P
7440-47-3	Chromium	23.0			P
7440-48-4	Cobalt	5.7	J		P
7440-50-8	Copper	88.8			P
7439-89-6	Iron	18800			P
7439-92-1	Lead	269			P
7439-95-4	Magnesium	3540			P
7439-96-5	Manganese	208		N	P
7440-02-0	Nickel	22.8			P
7440-09-7	Potassium	1930			P
7782-49-2	Selenium	1.8	J	N	P
7440-22-4	Silver	1.2	J		P
7440-23-5	Sodium	444	J		P
7440-28-0	Thallium	3.2	U		P
7440-62-2	Vanadium	26.8			P
7440-66-6	Zinc	332			P
7439-97-6	Mercury	0.47		N	CV
	Cyanide	4.8	U		CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD08-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-11

Level (low/med): MED Date Received: 08/11/05

% Solids: 31.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	22900		*	P
7440-36-0	Antimony	2.0	J	N	P
7440-38-2	Arsenic	4.1			P
7440-39-3	Barium	381			P
7440-41-7	Beryllium	0.97	J		P
7440-43-9	Cadmium	2.9		E	P
7440-70-2	Calcium	7150			P
7440-47-3	Chromium	31.4			P
7440-48-4	Cobalt	9.5	J		P
7440-50-8	Copper	105			P
7439-89-6	Iron	20300			P
7439-92-1	Lead	65.9			P
7439-95-4	Magnesium	6290			P
7439-96-5	Manganese	289		N	P
7440-02-0	Nickel	41.7			P
7440-09-7	Potassium	3050			P
7782-49-2	Selenium	9.8	U	N	P
7440-22-4	Silver	2.7	J		P
7440-23-5	Sodium	130	J		P
7440-28-0	Thallium	7.0	U		P
7440-62-2	Vanadium	37.5			P
7440-66-6	Zinc	472			P
7439-97-6	Mercury	0.33		N	CV
	Cyanide	7.7	U		CA

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD09-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-10

Level (low/med): MED Date Received: 08/11/05

% Solids: 60.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14600		*	P
7440-36-0	Antimony	1.9	J	N	P
7440-38-2	Arsenic	15.7			P
7440-39-3	Barium	1550			P
7440-41-7	Beryllium	1.3			P
7440-43-9	Cadmium	3.4		E	P
7440-70-2	Calcium	3290			P
7440-47-3	Chromium	21.3			P
7440-48-4	Cobalt	31.5			P
7440-50-8	Copper	24.2			P
7439-89-6	Iron	55100			P
7439-92-1	Lead	42.2			P
7439-96-5	Manganese	6580		N	P
7439-96-5	Manganese	7810		N	P
7440-02-0	Nickel	39.5			P
7440-09-7	Potassium	1720			P
7782-49-2	Selenium	4.5	U	N	P
7440-22-4	Silver	1.0	J		P
7440-23-5	Sodium	72.0	J		P
7440-28-0	Thallium	3.2	U		P
7440-62-2	Vanadium	46.1			P
7440-66-6	Zinc	136			P
7439-97-6	Mercury	0.055	J	N	CV
	Cyanide	0.24	J		CA

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD10-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-12

Level (low/med): MED Date Received: 08/11/05

% Solids: 50.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15500		*	P
7440-36-0	Antimony	2.0	J	N	P
7440-38-2	Arsenic	4.2			P
7440-39-3	Barium	220			P
7440-41-7	Beryllium	0.73	J		P
7440-43-9	Cadmium	1.6		E	P
7440-70-2	Calcium	3320			P
7440-47-3	Chromium	24.3			P
7440-48-4	Cobalt	7.2	J		P
7440-50-8	Copper	76.4			P
7439-89-6	Iron	22500			P
7439-92-1	Lead	224			P
7439-95-4	Magnesium	5830			P
7439-96-5	Manganese	195		N	P
7440-02-0	Nickel	29.2			P
7440-09-7	Potassium	2490			P
7782-49-2	Selenium	6.5	U	N	P
7440-22-4	Silver	1.9			P
7440-23-5	Sodium	120	J		P
7440-28-0	Thallium	4.6	U		P
7440-62-2	Vanadium	27.6			P
7440-66-6	Zinc	297			P
7439-97-6	Mercury	0.39		N	CV
	Cyanide	0.39	J		CA

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD11-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-13

Level (low/med): MED Date Received: 08/11/05

% Solids: 19.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7140		*	P
7440-36-0	Antimony	6.7	J	N	P
7440-38-2	Arsenic	38.2			P
7440-39-3	Barium	1480			P
7440-41-7	Beryllium	0.34	J		P
7440-43-9	Cadmium	8.7		E	P
7440-70-2	Calcium	82400			P
7440-47-3	Chromium	13.4			P
7440-48-4	Cobalt	3.4	J		P
7440-50-8	Copper	153			P
7439-89-6	Iron	198000			P
7439-92-1	Lead	90.3			P
7439-95-4	Magnesium	3240			P
7439-96-5	Manganese	4420		N	P
7440-02-0	Nickel	20.8			P
7440-09-7	Potassium	1770	J		P
7782-49-2	Selenium	14.0	U	N	P
7440-22-4	Silver	3.9	U		P
7440-23-5	Sodium	412	J		P
7440-28-0	Thallium	9.7	U		P
7440-62-2	Vanadium	19.1			P
7440-66-6	Zinc	800			P
7439-97-6	Mercury	0.32	J	N	CV
	Cyanide	0.63	J		CA

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD12-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-04

Level (low/med): MED Date Received: 08/10/05

% Solids: 37.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	23100		*	P
7440-36-0	Antimony	1.9	J	N	P
7440-38-2	Arsenic	12.3			P
7440-39-3	Barium	221			P
7440-41-7	Beryllium	1.1	J		P
7440-43-9	Cadmium	1.8		E	P
7440-70-2	Calcium	5510			P
7440-47-3	Chromium	41.6			P
7440-48-4	Cobalt	12.9			P
7440-50-8	Copper	88.8			P
7439-89-6	Iron	39000			P
7439-92-1	Lead	526			P
7439-95-4	Magnesium	9850			P
7439-96-5	Manganese	335		N	P
7440-02-0	Nickel	38.3			P
7440-09-7	Potassium	3390			P
7782-49-2	Selenium	8.2	U	N	P
7440-22-4	Silver	2.9			P
7440-23-5	Sodium	601	J		P
7440-28-0	Thallium	5.9	U		P
7440-62-2	Vanadium	44.9			P
7440-66-6	Zinc	380			P
7439-97-6	Mercury	0.39		N	CV
	Cyanide	5.9	U		CA

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SS02-S-0

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-15

Level (low/med): MED Date Received: 08/11/05

% Solids: 90.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	17600		*	P
7440-36-0	Antimony	0.92	J	N	P
7440-38-2	Arsenic	6.0			P
7440-39-3	Barium	157			P
7440-41-7	Beryllium	0.75			P
7440-43-9	Cadmium	0.66		E	P
7440-70-2	Calcium	1900			P
7440-47-3	Chromium	31.4			P
7440-48-4	Cobalt	9.0			P
7440-50-8	Copper	23.7			P
7439-89-6	Iron	23200			P
7439-92-1	Lead	28.5			P
7439-95-4	Magnesium	5970			P
7439-96-5	Manganese	420		N	P
7440-02-0	Nickel	26.2			P
7440-09-7	Potassium	2090			P
7782-49-2	Selenium	3.3	U	N	P
7440-22-4	Silver	2.1			P
7440-23-5	Sodium	54.0	J		P
7440-28-0	Thallium	2.4	U		P
7440-62-2	Vanadium	29.9			P
7440-66-6	Zinc	75.4			P
7439-97-6	Mercury	0.030	J	N	CV
	Cyanide	2.8	U		CA

Color Before: GREY Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SS03-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-16

Level (low/med): MED Date Received: 08/11/05

% Solids: 86.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18500		*	P
7440-36-0	Antimony	0.87	J	N	P
7440-38-2	Arsenic	6.6			P
7440-39-3	Barium	160			P
7440-41-7	Beryllium	0.79			P
7440-43-9	Cadmium	0.68		E	P
7440-70-2	Calcium	1720			P
7440-47-3	Chromium	27.4			P
7440-48-4	Cobalt	9.6			P
7440-50-8	Copper	24.9			P
7439-89-6	Iron	23900			P
7439-92-1	Lead	84.7			P
7439-95-4	Magnesium	6120			P
7439-96-5	Manganese	641		N	P
7440-02-0	Nickel	25.9			P
7440-09-7	Potassium	2010			P
7782-49-2	Selenium	3.5	U	N	P
7440-22-4	Silver	2.2			P
7440-23-5	Sodium	47.4	J		P
7440-28-0	Thallium	2.5	U		P
7440-62-2	Vanadium	33.2			P
7440-66-6	Zinc	97.2			P
7439-97-6	Mercury	0.027	J	N	CV
	Cyanide	0.13	J		CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SS05-S-0

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-17

Level (low/med): MED Date Received: 08/11/05

% Solids: 87.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14400		*	P
7440-36-0	Antimony	0.90	J	N	P
7440-38-2	Arsenic	6.1			P
7440-39-3	Barium	130			P
7440-41-7	Beryllium	0.60			P
7440-43-9	Cadmium	0.62		E	P
7440-70-2	Calcium	2130			P
7440-47-3	Chromium	25.5			P
7440-48-4	Cobalt	9.4			P
7440-50-8	Copper	26.0			P
7439-89-6	Iron	20700			P
7439-92-1	Lead	87.5			P
7439-95-4	Magnesium	4100			P
7439-96-5	Manganese	599		N	P
7440-02-0	Nickel	21.1			P
7440-09-7	Potassium	1620			P
7782-49-2	Selenium	3.5	U	N	P
7440-22-4	Silver	1.6			P
7440-23-5	Sodium	62.0	J		P
7440-28-0	Thallium	2.5	U		P
7440-62-2	Vanadium	25.8			P
7440-66-6	Zinc	91.1			P
7439-97-6	Mercury	0.050	J	N	CV
	Cyanide	0.26	J		CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SS10-S-D

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-20

Level (low/med): MED Date Received: 08/11/05

% Solids: 88.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16400		*	P
7440-36-0	Antimony	0.82	J	N	P
7440-38-2	Arsenic	5.4			P
7440-39-3	Barium	234			P
7440-41-7	Beryllium	0.71			P
7440-43-9	Cadmium	0.68		E	P
7440-70-2	Calcium	1070			P
7440-47-3	Chromium	17.9			P
7440-48-4	Cobalt	5.9			P
7440-50-8	Copper	20.0			P
7439-89-6	Iron	16800			P
7439-92-1	Lead	43.9			P
7439-95-4	Magnesium	4160			P
7439-96-5	Manganese	699		N	P
7440-02-0	Nickel	19.1			P
7440-09-7	Potassium	1150			P
7782-49-2	Selenium	3.2	U	N	P
7440-22-4	Silver	2.2			P
7440-23-5	Sodium	59.8	J		P
7440-28-0	Thallium	2.3	U		P
7440-62-2	Vanadium	28.3			P
7440-66-6	Zinc	98.0			P
7439-97-6	Mercury	0.18		N	CV
	Cyanide	0.19	J		CA

Color Before: BROWN Clarity Before: _____ Texture: COARSE

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SS10-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-18

Level (low/med): MED Date Received: 08/11/05

% Solids: 88.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16300		*	P
7440-36-0	Antimony	0.86	J	N	P
7440-38-2	Arsenic	5.8			P
7440-39-3	Barium	235			P
7440-41-7	Beryllium	0.71			P
7440-43-9	Cadmium	0.66		E	P
7440-70-2	Calcium	1060			P
7440-47-3	Chromium	17.8			P
7440-48-4	Cobalt	5.7			P
7440-50-8	Copper	19.4			P
7439-89-6	Iron	16500			P
7439-92-1	Lead	45.0			P
7439-95-4	Magnesium	3840			P
7439-96-5	Manganese	684		N	P
7440-02-0	Nickel	18.7			P
7440-09-7	Potassium	1250			P
7782-49-2	Selenium	3.2	U	N	P
7440-22-4	Silver	2.1			P
7440-23-5	Sodium	54.4	J		P
7440-28-0	Thallium	2.3	U		P
7440-62-2	Vanadium	29.6			P
7440-66-6	Zinc	98.2			P
7439-97-6	Mercury	0.19		N	CV
	Cyanide	0.25	J		CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SS11-S-M

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-19

Level (low/med): MED Date Received: 08/11/05

% Solids: 89.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	17900		*	P
7440-36-0	Antimony	0.90	J	N	P
7440-38-2	Arsenic	7.4			P
7440-39-3	Barium	171			P
7440-41-7	Beryllium	0.77			P
7440-43-9	Cadmium	0.59		E	P
7440-70-2	Calcium	990			P
7440-47-3	Chromium	24.1			P
7440-48-4	Cobalt	8.4			P
7440-50-8	Copper	24.5			P
7439-89-6	Iron	22300			P
7439-92-1	Lead	22.7			P
7439-95-4	Magnesium	6960			P
7439-96-5	Manganese	558		N	P
7440-02-0	Nickel	23.9			P
7440-09-7	Potassium	1970			P
7782-49-2	Selenium	3.6	U	N	P
7440-22-4	Silver	2.3			P
7440-23-5	Sodium	48.0	J		P
7440-28-0	Thallium	2.6	U		P
7440-62-2	Vanadium	32.8			P
7440-66-6	Zinc	77.6			P
7439-97-6	Mercury	0.049	J	N	CV
	Cyanide	0.18	J		CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

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7
LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Solid LCS Source:

Aqueous LCS Source:

LCS-19561

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Cyanide				5.0	5.1		3.6	6.2	102.0

U.S. EPA - CLP

7
LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Solid LCS Source:

Aqueous LCS Source:

LCS-19668

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Mercury				5.8	6.0		4.0	7.7	103.4

U.S. EPA - CLP

7
LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Solid LCS Source:

Aqueous LCS Source:

LCS-19669

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum				7640.0	8556.0		4419.7	10900.0	112.0
Antimony				84.5	63.7		0.8	188.0	75.4
Arsenic				95.9	93.6		76.5	115.0	97.6
Barium				157.0	166.1		129.0	185.0	105.8
Beryllium				50.5	49.6		41.4	59.6	98.2
Cadmium				54.6	55.3		44.5	64.7	101.3
Calcium				3800.0	3629.8		3000.1	4590.0	95.5
Chromium				68.8	71.9		54.0	83.6	104.5
Cobalt				77.5	78.8		63.4	91.6	101.7
Copper				83.8	88.9		69.0	98.6	106.1
Iron				12100.0	12114.4		6940.6	17200.2	100.1
Lead				121.0	125.0		97.5	145.0	103.3
Magnesium				2720.0	2824.2		2100.1	3339.9	103.8
Manganese				469.0	475.5		375.0	563.0	101.4
Nickel				54.5	58.7		44.4	64.6	107.7
Potassium				2190.0	2498.7		1559.9	2820.1	114.1
Selenium				102.0	95.7		77.1	127.0	93.8
Silver				106.0	100.4		64.9	147.0	94.7
Sodium				248.0	263.6	J	138.0	358.0	106.3
Thallium				182.0	188.2		138.0	226.0	103.4
Vanadium				118.0	115.8		88.2	148.0	98.1
Zinc				243.0	243.9		193.0	293.0	100.4

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Level: (low/med) LOW

	EPA SAMPLE NO.	SMC1 (TOL) #	SMC2 (BFB) #	SMC3 (DCE) #	OTHER	TOT OUT
01	VBLK1R	98	94	95		0
02	V1RLCS	95	94	98		0
03	SD07-S-M	114	76	92		0
04	SD07-S-MMS	118	75	91		0
05	SD07-S-MMSD	116	69	88		0
06	SD03-S-O	102	83	103		0
07	SD02-S-O	109	78	103		0
08	SD02-S-D	115	71	100		0
09	SD01-S-O	109	73	98		0
10	SD05-S-O	101	79	133*		1
11	SD06-S-O	96	86	108		0
12	SD08-S-O	112	66	103		0
13	SD11-S-O	105	79	99		0
14	VBLK1S	102	92	102		0
15	SD09-S-O	106	77	106		0
16	SD06-S-ORE	106	76	108		0
17	SD07-S-O	104	82	104		0
18	SD04-S-O	106	82	100		0
19	SD10-S-O	112	76	110		0
20	SD12-S-O	117	68	111		0
21	SD01-S-ORE	112	74	104		0
22	VHBLK1S	96	98	121		0
23						
24						
25						
26						
27						
28						
29						
30						

	QC LIMITS
SMC1 (TOL) = Toluene-d8	(84-138)
SMC2 (BFB) = Bromofluorobenzene	(59-113)
SMC3 (DCE) = 1,2-Dichloroethane-d4	(70-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

2B

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Level: (low/med) MED

	EPA SAMPLE NO.	SMC1 (TOL) #	SMC2 (BFB) #	SMC3 (DCE) #	OTHER	TOT OUT
01	VBLK6R	117	106	110		0
02	V6RLCS	103	93	104		0
03	SD02-S-ODL	99	97	92		0
04	SD02-S-DDL	98	90	93		0
05	SD05-S-ODL	107	99	98		0
06	SD08-S-ODL	99	94	96		0
07	SD11-S-ODL	101	95	97		0
08						
09						
10						
11						
12						
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24						
25						
26						
27						
28						
29						
30						

	QC LIMITS
SMC1 (TOL) = Toluene-d8	(84-138)
SMC2 (BFB) = Bromofluorobenzene	(59-113)
SMC3 (DCE) = 1,2-Dichloroethane-d4	(70-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	S7 (2CP) #	S8 (DCB) #	TOT OUT
01	SBLK4D	78	88	108	84	80	98	81	74	0
02	S4DLCS	74	86	110	83	77	100	80	70	0
03	SD09-S-O	65	82	101	74	66	95	69	59	0
04	SD04-S-O	78	90	105	82	77	104	80	71	0
05	SS10-S-D	66	80	99	71	63	98	68	58	0
06	SS11-S-MMS	71	85	105	72	67	100	70	63	0
07	SS11-S-MMSD	67	77	101	70	63	97	67	58	0
08	SS11-S-M	70	84	102	71	64	98	69	62	0
09	SS10-S-O	74	89	108	76	67	105	73	64	0
10	SD07-S-MMS	7*	8*	10*	7*	6*	9*	7*	6*	8
11	SD06-S-O	73	86	95	73	71	93	73	67	0
12	SS03-S-O	71	86	103	72	65	106	69	60	0
13	SD07-S-MMSD	64	84	92	66	56	99	63	53	0
14	SD07-S-M	73	84	84	71	66	100	71	62	0
15	SD07-S-O	67	81	94	73	66	95	70	62	0
16	SD05-S-O	61	74	85	60	52	90	60	51	0
17	SD03-S-O	70	80	93	71	70	96	73	63	0
18	SS02-S-O	68	87	113	75	68	108	71	59	0
19	SD08-S-O	69	83	96	74	70	101	72	61	0
20	SD07-S-MDL	75	86	84	71	67	99	73	64	0
21	SD11-S-O	72	84	96	76	71	111	75	64	0
22	SD10-S-O	69	83	95	70	61	104	69	56	0
23	SD01-S-O	86	100	111	85	82	127*	90	75	1
24	SD12-S-O	77	91	100	75	68	117	75	63	0
25	SS05-S-O	88	106	110	88	77	132*	89	76	1
26	SD02-S-D	46	55	50	47	42	70	50	43	0
27	SD02-S-O	74	92	78	75	65	121	78	64	0
28	SS05-S-ORE	91	120*	110	88	76	152*	90	77	2
29	SD02-S-ODL	70	87	75	66	54	119	71	60	0
30	SBLK4G	87	95	101	90	81	92	86	81	0

		QC LIMITS	
S1 (NBZ)	= Nitrobenzene-d5	(23-120)	
S2 (FBP)	= 2-Fluorobiphenyl	(30-115)	
S3 (TPH)	= Terphenyl-d14	(18-137)	
S4 (PHL)	= Phenol-d5	(24-113)	
S5 (2FP)	= 2-Fluorophenol	(25-121)	
S6 (TBP)	= 2,4,6-Tribromophenol	(19-122)	
S7 (2CP)	= 2-Chlorophenol-d4	(20-130)	(advisory)
S8 (DCB)	= 1,2-Dichlorobenzene-d4	(20-130)	(advisory)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

2D

SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	S7 (2CP) #	S8 (DCB) #	TOT OUT
01	S4GLCS	81	84	96	85	74	95	82	77	0
02	SD07-S-MRE	70	79	87	73	66	88	70	64	0
03	SD07-S-MREMS	70	77	88	75	60	96	72	66	0
04	SD07-S-MREMS	83	95	107	86	68	114	84	76	0
05										
06										
07										
08										
09										
10										
11										
12										
13										
14										
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22										
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24										
25										
26										
27										
28										
29										
30										

		QC LIMITS	
S1 (NBZ)	= Nitrobenzene-d5	(23-120)	
S2 (FBP)	= 2-Fluorobiphenyl	(30-115)	
S3 (TPH)	= Terphenyl-d14	(18-137)	
S4 (PHL)	= Phenol-d5	(24-113)	
S5 (2FP)	= 2-Fluorophenol	(25-121)	
S6 (TBP)	= 2,4,6-Tribromophenol	(19-122)	
S7 (2CP)	= 2-Chlorophenol-d4	(20-130)	(advisory)
S8 (DCB)	= 1,2-Dichlorobenzene-d4	(20-130)	(advisory)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

2F

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTIIID: 0.53 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	SD07-S-M	74	89	78	124			0
02	SS02-S-O	108	74	66	76			0
03	SS03-S-O	77	75	68	73			0
04	SS05-S-O	80	80	62	73			0
05	SS10-S-O	77	71	73	69			0
06	SS11-S-M	82	82	70	72			0
07	SS10-S-D	76	71	72	70			0
08	PBLK2E	88	87	95	96			0
09	P2ELCS	82	79	91	89			0
10	SD03-S-O	91	120	71	80			0
11	SD12-S-O	67	86	95	97			0
12	SD01-S-O	65	77	73	62			0
13	SD06-S-O	73	78	73	70			0
14	SD09-S-O	67	68	69	67			0
15	SD02-S-O	75	90	84	155*			1
16	SD02-S-D	70	108	81	120			0
17	SD07-S-O	70	78	89	102			0
18	SD05-S-O	72	82	66	62			0
19	SD08-S-O	76	70	73	63			0
20	SD10-S-O	77	66	113	114			0
21	SD11-S-O	67	77	59	58			0
22	SD04-S-O	74	79	64	59			0
23	SS02-S-ORE	104	78	70	76			0
24	SS03-S-ORE	78	77	79	74			0
25	SS05-S-ORE	82	79	73	77			0
26	SS10-S-ORE	78	74	73	75			0
27	SS11-S-MRE	88	84	80	74			0
28	SS10-S-DRE	78	71	64	71			0
29	SD07-S-MRE	64	94	80	133			0
30	PBLK5D	46	47	44	45			0

	QC LIMITS
(TCX) = Tetrachloro-m-xylene	(30-150)
(DCB) = Decachlorobiphenyl	(30-150)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

2F
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTIIID: 0.53 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	SS11-S-MMS	87	91	95	97			0
02	SS11-S-MMSD	89	92	97	94			0
03	SD07-S-MMS	82	84	121	95			0
04	SD07-S-MMSD	70	72	100	89			0
05								
06								
07								
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09								
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26								
27								
28								
29								
30								

	QC LIMITS
(TCX) = Tetrachloro-m-xylene	(30-150)
(DCB) = Decachlorobiphenyl	(30-150)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix Spike - EPA Sample No.: SD07-S-M Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	75	0.0	69	92	59-172
Trichloroethene	75	0.0	65	87	62-137
Benzene	75	0.0	69	92	66-142
Toluene	75	0.0	78	104	59-139
Chlorobenzene	75	0.0	67	89	60-133

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	80	79	99	7	22	59-172
Trichloroethene	80	67	84	4	24	62-137
Benzene	80	73	91	1	21	66-142
Toluene	80	86	108	4	21	59-139
Chlorobenzene	80	72	90	1	21	60-133

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix Spike - Sample No.: V1RLCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50		45	90	59-172
Trichloroethene	50		43	86	62-137
Benzene	50		45	90	66-142
Toluene	50		45	90	59-139
Chlorobenzene	50		47	94	60-133

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 5 outside limits

COMMENTS: _____

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix Spike - Sample No.: V6RLCS Level: (low/med) MED

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	6300		5000	79	61-145
Trichloroethene	6300		5800	92	71-120
Benzene	6300		6100	97	76-127
Toluene	6300		6400	102	76-125
Chlorobenzene	6300		6400	102	75-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 5 outside limits

COMMENTS: _____

3D

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix Spike - EPA Sample No.: SD07-S-M Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Phenol	4700	0.0	330	7*	26- 90
2-Chlorophenol	4700	0.0	320	7*	25-102
N-Nitroso-di-n-prop.(1)	3100	0.0	220	7*	41-126
4-Chloro-3-Methylphenol	4700	0.0	410	9*	26-103
Acenaphthene	3100	360	300	-2*	31-137
4-Nitrophenol	4700	0.0	470	10*	11-114
2,4-Dinitrotoluene	3100	0.0	270	9*	28- 89
Pentachlorophenol	4700	0.0	240	5*	17-109
Pyrene	3100	3800	800	-97*	35-142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	4700	3200	68	163*	35	26- 90
2-Chlorophenol	4700	3000	64	161*	50	25-102
N-Nitroso-di-n-prop.(1)	3100	2100	68	163*	38	41-126
4-Chloro-3-Methylphenol	4700	4100	87	163*	33	26-103
Acenaphthene	3100	2700	75	211*	19	31-137
4-Nitrophenol	4700	4600	98	163*	50	11-114
2,4-Dinitrotoluene	3100	2500	81	160*	47	28- 89
Pentachlorophenol	4700	4300	91	179*	47	17-109
Pyrene	3100	4900	35	-426	36	35-142

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 8 out of 9 outside limits
Spike Recovery: 9 out of 18 outside limits

COMMENTS: _____

3D

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix Spike - EPA Sample No.: SD07-S-MRE Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Phenol	4700	0.0	3700	79	26- 90
2-Chlorophenol	4700	0.0	3500	74	25-102
N-Nitroso-di-n-prop.(1)	3100	0.0	2400	77	41-126
4-Chloro-3-Methylphenol	4700	0.0	3900	83	26-103
Acenaphthene	3100	130	2700	83	31-137
4-Nitrophenol	4700	0.0	4400	94	11-114
2,4-Dinitrotoluene	3100	0.0	2400	77	28- 89
Pentachlorophenol	4700	0.0	4000	85	17-109
Pyrene	3100	2000	5500	113	35-142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	4700	4200	89	12	35	26- 90
2-Chlorophenol	4700	4100	87	16	50	25-102
N-Nitroso-di-n-prop.(1)	3100	2700	87	12	38	41-126
4-Chloro-3-Methylphenol	4700	4600	98	17	33	26-103
Acenaphthene	3100	3000	93	11	19	31-137
4-Nitrophenol	4700	5300	113	18	50	11-114
2,4-Dinitrotoluene	3100	2900	94*	20	47	28- 89
Pentachlorophenol	4700	4700	100	16	47	17-109
Pyrene	3100	5800	123	8	36	35-142

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 9 outside limits
Spike Recovery: 1 out of 18 outside limits

COMMENTS: _____

_____

3D

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix Spike - EPA Sample No.: SS11-S-M Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Phenol	2800	0.0	2100	75	26- 90
2-Chlorophenol	2800	0.0	2000	71	25-102
N-Nitroso-di-n-prop.(1)	1900	0.0	1300	68	41-126
4-Chloro-3-Methylphenol	2800	0.0	2400	86	26-103
Acenaphthene	1900	0.0	1500	79	31-137
4-Nitrophenol	2800	0.0	2600	93	11-114
2,4-Dinitrotoluene	1900	0.0	1400	74	28- 89
Pentachlorophenol	2800	0.0	2500	89	17-109
Pyrene	1900	0.0	1900	100	35-142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	2800	2100	75	0	35	26- 90
2-Chlorophenol	2800	1900	68	4	50	25-102
N-Nitroso-di-n-prop.(1)	1900	1300	68	0	38	41-126
4-Chloro-3-Methylphenol	2800	2400	86	0	33	26-103
Acenaphthene	1900	1500	79	0	19	31-137
4-Nitrophenol	2800	2500	89	4	50	11-114
2,4-Dinitrotoluene	1900	1400	74	0	47	28- 89
Pentachlorophenol	2800	2800	100	12	47	17-109
Pyrene	1900	1900	100	0	36	35-142

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 9 outside limits
Spike Recovery: 0 out of 18 outside limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Matrix Spike - Sample No.: S4DLCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Phenol	2500		2200	88	26- 90
2-Chlorophenol	2500		2000	80	25-102
N-Nitroso-di-n-prop.(1)	1700		1300	76	41-126
4-Chloro-3-Methylphenol	2500		2200	88	26-103
Acenaphthene	1700		1500	88	31-137
4-Nitrophenol	2500		2400	96	11-114
2,4-Dinitrotoluene	1700		1400	82	28- 89
Pentachlorophenol	2500		2600	104	17-109
Pyrene	1700		1800	106	35-142

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 9 outside limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Matrix Spike - Sample No.: S4GLCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Phenol	2500		2200	88	26- 90
2-Chlorophenol	2500		2100	84	25-102
N-Nitroso-di-n-prop.(1)	1700		1500	88	41-126
4-Chloro-3-Methylphenol	2500		2400	96	26-103
Acenaphthene	1700		1400	82	31-137
4-Nitrophenol	2500		2500	100	11-114
2,4-Dinitrotoluene	1700		1400	82	28- 89
Pentachlorophenol	2500		2800	112*	17-109
Pyrene	1700		1600	94	35-142

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 1 out of 9 outside limits

COMMENTS: _____

3F

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix Spike - EPA Sample No.: SD07-S-M

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
gamma-BHC (Lindane)	31	0.00	21	68	46-127
Heptachlor	31	0.00	25	81	35-130
Aldrin	31	0.00	25	81	34-132
Dieldrin	63	0.00	57	90	31-134
Endrin	63	0.00	62	98	42-139
4,4'-DDT	63	24	61	59	23-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
gamma-BHC (Lindane)	31	20	65	5	50	46-127
Heptachlor	31	23	74	9	31	35-130
Aldrin	31	22	71	13	43	34-132
Dieldrin	63	53	84	7	38	31-134
Endrin	63	59	94	4	45	42-139
4,4'-DDT	63	56	51	15	50	23-134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 6 outside limits
Spike Recovery: 0 out of 12 outside limits

COMMENTS: _____

3F

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix Spike - EPA Sample No.: SS11-S-M

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
gamma-BHC (Lindane)	19	0.00	15	79	46-127
Heptachlor	19	0.00	18	95	35-130
Aldrin	19	0.00	18	95	34-132
Dieldrin	37	0.00	38	103	31-134
Endrin	37	0.00	44	119	42-139
4,4'-DDT	37	0.00	36	97	23-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
gamma-BHC (Lindane)	19	15	79	0	50	46-127
Heptachlor	19	18	95	0	31	35-130
Aldrin	19	18	95	0	43	34-132
Dieldrin	37	38	103	0	38	31-134
Endrin	37	45	122	2	45	42-139
4,4'-DDT	37	36	97	0	50	23-134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 6 outside limits
Spike Recovery: 0 out of 12 outside limits

COMMENTS: _____

FORM 3
SOIL PESTICIDE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix Spike - Sample No.: P2ELCS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
gamma-BHC (Lindane)	17		14	82	46-127
Heptachlor	17		15	88	35-130
Aldrin	17		15	88	34-132
Dieldrin	33		32	97	31-134
Endrin	33		39	118	42-139
4,4'-DDT	33		37	112	23-134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS: _____

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO
SD07-S-M

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Level (low/med): MED

% Solids for Sample: 53.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony	75-125	7.3344	J	1.2268	J	13.01	46.9	N	P
Arsenic	75-125	15.9822		9.5457		5.20	123.8		P
Barium	75-125	691.4084		397.1856		260.25	113.1		P
Beryllium	75-125	8.3519		1.2314		6.51	109.4		P
Cadmium	75-125	8.2780		1.6156		6.51	102.3		P
Chromium	75-125	59.6165		29.0548		26.02	117.5		P
Cobalt	75-125	77.0105		6.3855	J	65.06	108.6		P
Copper	75-125	131.8732		95.6272		32.53	111.4		P
Lead		305.4933		264.7686		2.60	1566.3		P
Manganese	75-125	226.0112		209.7392		65.06	25.0	N	P
Nickel	75-125	100.7177		28.3237		65.06	111.3		P
Selenium	75-125	7.3222		2.1931	J	6.51	78.8		P
Silver	75-125	9.2354		2.7155		6.51	100.2		P
Thallium	75-125	6.5815		3.3000	U	6.51	101.1		P
Vanadium	75-125	109.8514		39.9188		65.06	107.5		P
Zinc		395.9993		315.2540		65.06	124.1		P
Mercury	75-125	2.4008		0.6156		0.75	238.0	N	CV
Cyanide	75-125	9.1440		4.1000	U	8.13	112.5		CA

Comments:

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO
SS11-S-M

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Level (low/med): MED

% Solids for Sample: 89.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony	75-125	4.4892	J	0.8998	J	10.40	34.5	N	P
Arsenic	75-125	11.9541		7.3594		4.16	110.4		P
Barium	75-125	390.4834		171.4519		208.07	105.3		P
Beryllium	75-125	6.2488		0.7694		5.20	105.4		P
Cadmium	75-125	6.0255		0.5856		5.20	104.6		P
Chromium	75-125	45.9764		24.0979		20.81	105.1		P
Cobalt	75-125	65.1103		8.4291		52.02	109.0		P
Copper	75-125	52.4099		24.4594		26.01	107.5		P
Lead		25.7710		22.7432		2.08	145.6		P
Manganese		677.5895		558.4417		52.02	229.0		P
Nickel	75-125	80.5230		23.9400		52.02	108.8		P
Selenium	75-125	3.3304	J	3.6000	U	5.20	64.0	N	P
Silver	75-125	7.1379		2.2874		5.20	93.3		P
Thallium	75-125	5.2854		2.6000	U	5.20	101.6		P
Vanadium	75-125	83.6278		32.8057		52.02	97.7		P
Zinc	75-125	129.8659		77.6234		52.02	100.4		P
Mercury	75-125	1.0415		0.0488	J	0.51	194.6	N	CV

Comments:

U.S. EPA - CLP

5B

POST DIGEST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO: SD07-S-M

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Level (low/med): MED

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony		126.39		9.43	J	455.0	25.7		P
Manganese		1600.59		1611.85		2270.0	0.0		P

Comments:

U.S. EPA - CLP

5B

POST DIGEST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO: SS11-S-M

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Level (low/med): MED

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony		123.65		8.65	J	455.0	25.3		P
Selenium		55.30		0.98	U	1130.0	4.9		P

Comments:

U.S. EPA - CLP

6
DUPLICATES

EPA SAMPLE NO
SD07-S-M

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Level (low/med): MED

% Solids for Sample: 53.0 % Solids for Duplicate: 53.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		23513.6572		28953.5823		20.7	*	P
Antimony		1.2268	J	1.4095	J	13.9		P
Arsenic		9.5457		10.3673		8.3		P
Barium		397.1856		438.5610		9.9		P
Beryllium	0.7	1.2314		1.4850		18.7		P
Cadmium	0.7	1.6156		1.6219		0.4		P
Calcium		4954.2278		5151.0930		3.9		P
Chromium		29.0548		32.5998		11.5		P
Cobalt	6.5	6.3855	J	7.2000		12.0		P
Copper		95.6272		85.0837		11.7		P
Iron		25517.9941		29999.9801		16.1		P
Lead		264.7686		230.6421		13.8		P
Magnesium		3623.3999		4287.9386		16.8		P
Manganese		209.7392		184.9917		12.5		P
Nickel		28.3237		31.8700		11.8		P
Potassium	650.0	2326.6934		2719.7380		15.6		P
Selenium		2.1931	J	1.5572	J	33.9		P
Silver	1.3	2.7155		3.4480		23.8		P
Sodium		579.9036	J	604.0438	J	4.1		P
Thallium		3.3000	U	3.3000	U			P
Vanadium		39.9188		46.4994		15.2		P
Zinc		315.2540		308.9449		2.0		P
Mercury	0.1	0.6156		0.6138		0.3		CV
Cyanide		4.1000	U	0.6013	J	200.0		CA

U.S. EPA - CLP

6
DUPLICATES

EPA SAMPLE NO
SS11-S-M

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Level (low/med): MED

% Solids for Sample: 89.0 % Solids for Duplicate: 89.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		17927.9805		18045.7818		0.7		P
Antimony		0.8998	J	0.8531	J	5.3		P
Arsenic		7.3594		7.6640		4.1		P
Barium		171.4519		171.3915		0.0		P
Beryllium	0.5	0.7694		0.7629		0.8		P
Cadmium	0.5	0.5856		0.5903		0.8		P
Calcium	520.0	990.0578		950.8073		4.0		P
Chromium		24.0979		23.6081		2.1		P
Cobalt	5.2	8.4291		8.6124		2.2		P
Copper		24.4594		23.9029		2.3		P
Iron		22258.9592		22407.2653		0.7		P
Lead		22.7432		23.0420		1.3		P
Magnesium		6955.5709		6863.0660		1.3		P
Manganese		558.4417		592.9935		6.0		P
Nickel		23.9400		23.5771		1.5		P
Potassium	520.0	1966.4788		2020.1348		2.7		P
Selenium		3.6000	U	3.6000	U			P
Silver	1.0	2.2874		2.3282		1.8		P
Sodium		48.0397	J	50.3131	J	4.6		P
Thallium		2.6000	U	2.6000	U			P
Vanadium		32.8057		31.8027		3.1		P
Zinc		77.6234		76.9676		0.8		P
Mercury		0.0488	J	0.0572	J	15.8		CV

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK1R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab File ID: V1G9592 Lab Sample ID: MB-19555

Date Analyzed: 08/18/05 Time Analyzed: 1242

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: V1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V1RLCS	LCS-19555	V1G9593	1321
02	SD07-S-M	D0926-07C	V1G9595	1419
03	SD07-S-MMS	D0926-07CMS	V1G9596	1446
04	SD07-S-MMSD	D0926-07CMSD	V1G9597	1513
05	SD03-S-O	D0926-01E	V1G9598	1542
06	SD02-S-O	D0926-02E	V1G9599	1611
07	SD02-S-D	D0926-03E	V1G9600	1640
08	SD01-S-O	D0926-05C	V1G9602	1736
09	SD05-S-O	D0926-08C	V1G9604	1833
10	SD06-S-O	D0926-09C	V1G9605	1901
11	SD08-S-O	D0926-11C	V1G9607	1958
12	SD11-S-O	D0926-13C	V1G9609	2055
13				
14				
15				
16				
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30				

COMMENTS: _____

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19555

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9592

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19555

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9592

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

VBLK1R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19555

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9592

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
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17.					
18.					
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20.					
21.					
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25.					
26.					
27.					
28.					
29.					
30.					

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK1S

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab File ID: V1G9634 Lab Sample ID: MB-19568

Date Analyzed: 08/19/05 Time Analyzed: 1326

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: V1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	SD09-S-O	D0926-10C	V1G9637	1508
02	SD06-S-ORE	D0926-09CRE	V1G9638	1536
03	SD07-S-O	D0926-06C	V1G9639	1604
04	SD04-S-O	D0926-14C	V1G9640	1632
05	SD10-S-O	D0926-12C	V1G9641	1702
06	SD12-S-O	D0926-04C	V1G9642	1730
07	SD01-S-ORE	D0926-05CRE	V1G9643	1759
08	VHBLK1S	VHBLK1S	V1G9649	2048
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COMMENTS: _____

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1S

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19568

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9634

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	1	J
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1S

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19568

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9634

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

VBLK1S

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19568

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9634

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
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4A

EPA SAMPLE NO.

VOLATILE METHOD BLANK SUMMARY

VBLK6R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab File ID: V6D7843 Lab Sample ID: MB-19570

Date Analyzed: 08/19/05 Time Analyzed: 1236

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: V6

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V6RLCS	LCS-19570	V6D7845	1425
02	SD02-S-ODL	D0926-02F	V6D7847	1554
03	SD02-S-DDL	D0926-03F	V6D7848	1623
04	SD05-S-ODL	D0926-08D	V6D7849	1651
05	SD08-S-ODL	D0926-11D	V6D7850	1719
06	SD11-S-ODL	D0926-13D	V6D7851	1748
07				
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09				
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COMMENTS: _____

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19570

Sample wt/vol: 4.0 (g/mL) G Lab File ID: V6D7843

Level: (low/med) MED Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	1300	U
75-01-4	Vinyl Chloride	1300	U
74-83-9	Bromomethane	1300	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	1300	U
75-35-4	1,1-Dichloroethene	1300	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1300	U
67-64-1	Acetone	1300	U
75-15-0	Carbon Disulfide	1300	U
79-20-9	Methyl Acetate	1300	U
75-09-2	Methylene Chloride	1300	U
156-60-5	trans-1,2-Dichloroethene	1300	U
1634-04-4	Methyl tert-Butyl Ether	1300	U
75-34-3	1,1-Dichloroethane	1300	U
156-59-2	cis-1,2-Dichloroethene	1300	U
78-93-3	2-Butanone	1300	U
67-66-3	Chloroform	1300	U
71-55-6	1,1,1-Trichloroethane	1300	U
110-82-7	Cyclohexane	1300	U
56-23-5	Carbon Tetrachloride	1300	U
71-43-2	Benzene	1300	U
107-06-2	1,2-Dichloroethane	1300	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19570

Sample wt/vol: 4.0 (g/mL) G Lab File ID: V6D7843

Level: (low/med) MED Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	1300	U
108-87-2	Methylcyclohexane	1300	U
78-87-5	1,2-Dichloropropane	1300	U
75-27-4	Bromodichloromethane	1300	U
10061-01-5	cis-1,3-Dichloropropene	1300	U
108-10-1	4-Methyl-2-Pentanone	1300	U
108-88-3	Toluene	1300	U
10061-02-6	trans-1,3-Dichloropropene	1300	U
79-00-5	1,1,2-Trichloroethane	1300	U
127-18-4	Tetrachloroethene	1300	U
591-78-6	2-Hexanone	1300	U
124-48-1	Dibromochloromethane	1300	U
106-93-4	1,2-Dibromoethane	1300	U
108-90-7	Chlorobenzene	1300	U
100-41-4	Ethylbenzene	1300	U
1330-20-7	Xylene (Total)	1300	U
100-42-5	Styrene	1300	U
75-25-2	Bromoform	1300	U
98-82-8	Isopropylbenzene	1300	U
79-34-5	1,1,2,2-Tetrachloroethane	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
96-12-8	1,2-Dibromo-3-chloropropane	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

VBLK6R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19570

Sample wt/vol: 4.0 (g/mL) G Lab File ID: V6D7843

Level: (low/med) MED Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK1S

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: VHBLK1S

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9649

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: not dec. _____ Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	2	JB
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK1S

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: VHBLK1S

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9649

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: not dec. _____ Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

EPA SAMPLE NO.

VHBLK1S

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: VHBLK1S

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9649

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: not dec. _____ Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK4D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab File ID: S4A9427 Lab Sample ID: MB-19468

Instrument ID: S4 Date Extracted: 08/12/05

Matrix: (soil/water) SOIL Date Analyzed: 08/24/05

Level: (low/med) LOW Time Analyzed: 1542

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	S4DLCS	LCS-19468	S4A9428	08/24/05
02	SD09-S-O	D0926-10A	S4A9430	08/24/05
03	SD04-S-O	D0926-14A	S4A9431	08/24/05
04	SS10-S-D	D0926-20A	S4A9432	08/24/05
05	SS11-S-MMS	D0926-19AMS	S4A9433	08/24/05
06	SS11-S-MMSD	D0926-19AMSD	S4A9434	08/24/05
07	SS11-S-M	D0926-19A	S4A9435	08/24/05
08	SS10-S-O	D0926-18A	S4A9436	08/24/05
09	SD07-S-MMS	D0926-07AMS	S4A9437	08/24/05
10	SD06-S-O	D0926-09A	S4A9438	08/24/05
11	SS03-S-O	D0926-16A	S4A9439	08/24/05
12	SD07-S-MMSD	D0926-07AMSD	S4A9440	08/24/05
13	SD07-S-M	D0926-07A	S4A9441	08/24/05
14	SD07-S-O	D0926-06A	S4A9442	08/24/05
15	SD05-S-O	D0926-08A	S4A9446	08/25/05
16	SD03-S-O	D0926-01A	S4A9452	08/25/05
17	SS02-S-O	D0926-15A	S4A9453	08/25/05
18	SD08-S-O	D0926-11A	S4A9454	08/25/05
19	SD07-S-MDL	D0926-07ADL	S4A9455	08/25/05
20	SD11-S-O	D0926-13A	S4A9456	08/25/05
21	SD10-S-O	D0926-12A	S4A9457	08/25/05
22	SD01-S-O	D0926-05A	S4A9458	08/25/05
23	SD12-S-O	D0926-04A	S4A9459	08/25/05
24	SS05-S-O	D0926-17A	S4A9460	08/25/05
25	SD02-S-D	D0926-03A	S4A9461	08/25/05
26	SD02-S-O	D0926-02A	S4A9462	08/25/05
27	SS05-S-ORE	D0926-17ARE	S4A9463	08/25/05
28	SD02-S-ODL	D0926-02ADL	S4A9465	08/25/05
29				
30				

COMMENTS: _____

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK4D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19468

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9427

Level: (low/med) LOW Date Received: _____

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	330	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
98-86-2	Acetophenone	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
105-60-2	Caprolactam	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	830	U
92-52-4	1,1'-Biphenyl	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	U
131-11-3	Dimethylphthalate	330	U
606-20-2	2,6-Dinitrotoluene	330	U
208-96-8	Acenaphthylene	330	U
99-09-2	3-Nitroaniline	830	U
83-32-9	Acenaphthene	330	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK4D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19468

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9427

Level: (low/med) LOW Date Received: _____

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	830	U
100-02-7	4-Nitrophenol	830	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
86-73-7	Fluorene	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
100-01-6	4-Nitroaniline	830	U
534-52-1	4,6-Dinitro-2-methylphenol	830	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	830	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	35	J
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SBLK4D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19468

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9427

Level: (low/med) LOW Date Received: _____

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: ___ Extraction: (Type) SONC

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	17.06	97	J
2.		UNKNOWN	24.38	2400	J
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
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20.					
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27.					
28.					
29.					
30.					

4B

EPA SAMPLE NO.

SEMIVOLATILE METHOD BLANK SUMMARY

SBLK4G

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab File ID: S4A9522 Lab Sample ID: MB-19676

Instrument ID: S4 Date Extracted: 08/26/05

Matrix: (soil/water) SOIL Date Analyzed: 08/31/05

Level: (low/med) LOW Time Analyzed: 1148

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	S4GLCS	LCS-19676	S4A9523	08/31/05
02	SD07-S-MRE	D0926-07ARE	S4A9524	08/31/05
03	SD07-S-MREMS	D0926-07AREMS	S4A9525	08/31/05
04	SD07-S-MREMS	D0926-07AREMSD	S4A9526	08/31/05
05				
06				
07				
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30				

COMMENTS: _____

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK4G

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19676

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9522

Level: (low/med) LOW Date Received: _____

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	330	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
98-86-2	Acetophenone	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
105-60-2	Caprolactam	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	830	U
92-52-4	1,1'-Biphenyl	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	U
131-11-3	Dimethylphthalate	330	U
606-20-2	2,6-Dinitrotoluene	330	U
208-96-8	Acenaphthylene	330	U
99-09-2	3-Nitroaniline	830	U
83-32-9	Acenaphthene	330	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK4G

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19676

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9522

Level: (low/med) LOW Date Received: _____

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	830	U
100-02-7	4-Nitrophenol	830	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
86-73-7	Fluorene	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
100-01-6	4-Nitroaniline	830	U
534-52-1	4,6-Dinitro-2-methylphenol	830	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	830	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	38	J
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SBLK4G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19676

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9522

Level: (low/med) LOW Date Received: _____

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: ___ Extraction: (Type) SONC

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	78-40-0	TRIETHYL PHOSPHATE	6.60	68	NJ
2.		UNKNOWN	11.03	280	J
3.		UNKNOWN	16.83	96	J
4.		UNKNOWN	23.56	2900	J
5.					
6.					
7.					
8.					
9.					
10.					
11.					
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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK2E

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: MB-19467 Lab File ID: E2E7528F

Matrix (soil/water) SOIL Extraction:(Type) SONC

Sulfur Cleanup (Y/N) N Date Extracted: 08/12/05

Date Analyzed (1): 08/24/05 Date Analyzed (2): 08/24/05

Time Analyzed (1): 1237 Time Analyzed (2): 1237

Instrument ID (1): E2 Instrument ID (2): E2

GC Column (1): CLPPEST ID: 0.53 (mm) GC Column (2): CLPPESTII ID: 0.53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	SD07-S-M	D0926-07A	08/23/05	08/23/05
02	SS02-S-O	D0926-15A	08/24/05	08/24/05
03	SS03-S-O	D0926-16A	08/24/05	08/24/05
04	SS05-S-O	D0926-17A	08/24/05	08/24/05
05	SS10-S-O	D0926-18A	08/24/05	08/24/05
06	SS11-S-M	D0926-19A	08/24/05	08/24/05
07	SS10-S-D	D0926-20A	08/24/05	08/24/05
08	P2ELCS	LCS-19467	08/24/05	08/24/05
09	SD03-S-O	D0926-01A	08/24/05	08/24/05
10	SD12-S-O	D0926-04A	08/24/05	08/24/05
11	SD01-S-O	D0926-05A	08/24/05	08/24/05
12	SD06-S-O	D0926-09A	08/24/05	08/24/05
13	SD09-S-O	D0926-10A	08/24/05	08/24/05
14	SD02-S-O	D0926-02A	08/24/05	08/24/05
15	SD02-S-D	D0926-03A	08/24/05	08/24/05
16	SD07-S-O	D0926-06A	08/24/05	08/24/05
17	SD05-S-O	D0926-08A	08/24/05	08/24/05
18	SD08-S-O	D0926-11A	08/24/05	08/24/05
19	SD10-S-O	D0926-12A	08/24/05	08/24/05
20	SD11-S-O	D0926-13A	08/25/05	08/25/05
21	SD04-S-O	D0926-14A	08/25/05	08/25/05
22	SS02-S-ORE	D0926-15ARE	08/25/05	08/25/05
23	SS03-S-ORE	D0926-16ARE	08/25/05	08/25/05
24	SS05-S-ORE	D0926-17ARE	08/25/05	08/25/05
25	SS10-S-ORE	D0926-18ARE	08/25/05	08/25/05
26	SS11-S-MRE	D0926-19ARE	08/25/05	08/25/05

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK2E

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: MB-19467 Lab File ID: E2E7528F

Matrix (soil/water) SOIL Extraction:(Type) SONC

Sulfur Cleanup (Y/N) N Date Extracted: 08/12/05

Date Analyzed (1): 08/24/05 Date Analyzed (2): 08/24/05

Time Analyzed (1): 1237 Time Analyzed (2): 1237

Instrument ID (1): E2 Instrument ID (2): E2

GC Column (1): CLPPEST ID: 0.53 (mm) GC Column (2): CLPPESTII ID: 0.53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	SS10-S-DRE	D0926-20ARE	08/25/05	08/25/05
02	SD07-S-MRE	D0926-07ARE	08/25/05	08/25/05
03				
04				
05				
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26				

COMMENTS: _____

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK2E

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19467

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7528F

% Moisture: 0 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.3	U
72-55-9	4,4'-DDE	3.3	U
72-20-8	Endrin	3.3	U
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	67	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK5D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: MB-19467 Lab File ID: E5C2109F

Matrix (soil/water) SOIL Extraction: (Type) SONC

Sulfur Cleanup (Y/N) N Date Extracted: 08/12/05

Date Analyzed (1): 08/28/05 Date Analyzed (2): 08/28/05

Time Analyzed (1): 1909 Time Analyzed (2): 1909

Instrument ID (1): E5 Instrument ID (2): E5

GC Column (1): CLPPEST ID: 0.53 (mm) GC Column (2): CLPPESTII ID: 0.53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	SS11-S-MMS	D0926-19AMS	08/28/05	08/28/05
02	SS11-S-MMSD	D0926-19AMSD	08/28/05	08/28/05
03	SD07-S-MMS	D0926-07AMS	08/28/05	08/28/05
04	SD07-S-MMSD	D0926-07AMSD	08/28/05	08/28/05
05				
06				
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26				

COMMENTS: _____

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK5D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19467

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E5C2109F

% Moisture: 0 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/28/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.3	U
72-55-9	4,4'-DDE	3.3	U
72-20-8	Endrin	3.3	U
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	67	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKDK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKDK

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7514F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKDK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKDK

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7514R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKDL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKDL

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7522F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKDL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKDL

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7522R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKE2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKE2

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7393F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/18/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKE2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKE2

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7393R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/18/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLKEJ

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEJ

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7490F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/23/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEJ

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEJ

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7490R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/23/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEK

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7500F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/23/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEK

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7500R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/23/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLKEL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEL

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7525F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEL

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7525R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEM

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEM

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7536F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLKEM

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEM

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7536R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLKEN

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEN

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7550F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEN

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEN

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7550R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEP

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEP

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7564F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEP

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEP

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7564R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEQ

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEQ

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7568F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEQ

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEQ

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7568R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKER

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKER

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7573F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLKER

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKER

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7573R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLKZ2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKZ2

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2106F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/28/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKZ2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKZ2

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2106R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) _____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/28/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLKZA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKZA

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2115F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/28/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKZA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKZA

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2115R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/28/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Mercury	0.200	U	0.200	U	0.200	U	0.200	U	0.100	U	

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Mercury			0.200	U	0.200	U	0.200	U			CV

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Mercury			0.200	U							CV

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C		M
Cyanide	10.0	U	10.0	U	10.0	U	10.0	U	2.500	U		

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C		M
Cyanide			10.0	U	10.0	U						CA

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum	200.0	U	200.0	U	24.5	J	39.4	J	1.739	J	
Antimony	60.0	U	60.0	U	2.3	J	1.7	J	0.159	J	
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	1.000	U	
Barium	200.0	U	200.0	U	200.0	U	200.0	U	0.139	J	
Beryllium	0.2	J	5.0	U	5.0	U	5.0	U	0.500	U	
Cadmium	5.0	U	5.0	U	5.0	U	5.0	U	0.500	U	
Calcium	41.9	J	5000.0	U	5000.0	U	60.4	J	9.821	J	
Chromium	0.4	J	0.4	J	0.4	J	0.5	J	0.090	J	
Cobalt	0.2	J	0.2	J	0.2	J	0.2	J	5.000	U	
Copper	25.0	U	25.0	U	25.0	U	25.0	U	0.491	J	
Iron	100.0	U	100.0	U	44.0	J	24.3	J	26.117		
Lead	0.5	J	0.5	J	1.1	J	0.5	J	-0.042	J	
Magnesium	5000.0	U	5000.0	U	5000.0	U	5000.0	U	500.000	U	
Manganese	15.0	U	15.0	U	15.0	U	15.0	U	1.659		
Nickel	0.6	J	0.6	J	0.6	J	0.6	J	0.104	J	
Selenium	-1.0	J	1.0	J	-1.9	J	-1.6	J	0.166	J	
Silver	10.0	U	10.0	U	10.0	U	10.0	U	1.000	U	
Thallium	25.0	U	1.4	J	2.6	J	1.3	J	2.500	U	
Vanadium	0.5	J	0.5	J	0.5	J	0.5	J	5.000	U	
Zinc	60.0	U	60.0	U	4.2	J	3.9	J	1.661	J	

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum			31.4	J	30.8	J	200.0	U			P
Antimony			2.2	J	2.3	J	3.0	J			P
Arsenic			10.0	U	10.0	U	10.0	U			P
Barium			200.0	U	200.0	U	200.0	U			P
Beryllium			5.0	U	5.0	U	5.0	U			P
Cadmium			5.0	U	5.0	U	5.0	U			P
Calcium			5000.0	U	5000.0	U	5000.0	U			P
Chromium			0.4	J	0.4	J	0.4	J			P
Cobalt			50.0	U	50.0	U	0.2	J			P
Copper			25.0	U	25.0	U	25.0	U			P
Iron			59.4	J	21.0	J	100.0	U			P
Lead			0.5	J	0.5	J	0.5	J			P
Magnesium			5000.0	U	21.2	J	5000.0	U			P
Manganese			15.0	U	15.0	U	15.0	U			P
Nickel			0.6	J	0.6	J	0.6	J			P
Selenium			1.0	J	-1.9	J	1.0	J			P
Silver			10.0	U	10.0	U	10.0	U			P
Thallium			25.0	U	1.3	J	1.4	J			P
Vanadium			0.5	J	0.5	J	0.5	J			P
Zinc			3.5	J	3.6	J	60.0	U			P

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum			25.0	J							P
Antimony			2.5	J							P
Arsenic			10.0	U							P
Barium			200.0	U							P
Beryllium			5.0	U							P
Cadmium			5.0	U							P
Calcium			59.9	J							P
Chromium			0.4	J							P
Cobalt			50.0	U							P
Copper			25.0	U							P
Iron			100.0	U							P
Lead			0.5	J							P
Magnesium			5000.0	U							P
Manganese			15.0	U							P
Nickel			0.6	J							P
Selenium			1.0	J							P
Silver			10.0	U							P
Thallium			25.0	U							P
Vanadium			0.5	J							P
Zinc			60.0	U							P

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C		M
Potassium	5000.0	U	5000.0	U	5000.0	U	5000.0	U	16.037	J		

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Potassium			5000.0	U	5000.0	U	5000.0	U			P

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Potassium			5000.0	U	5000.0	U	5000.0	U			P

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Potassium			5000.0	U	5000.0	U	5000.0	U			P

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Potassium			5000.0	U	5000.0	U	5000.0	U			P

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Potassium			5000.0	U	5000.0	U					P

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C		M
Sodium	5000.0	U	5000.0	U	5000.0	U	5000.0	U	12.824	J		

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Sodium			5000.0	U	5000.0	U	5000.0	U			P

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C		M
Sodium			5000.0	U	174.9	J	5000.0	U				P

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Sodium			5000.0	U	5000.0	U	5000.0	U			P

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Sodium			5000.0	U	5000.0	U	5000.0	U			P

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Sodium			5000.0	U	5000.0	U					P

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

EPA Sample No. (VSTD050##): VSTD0501R Date Analyzed: 08/18/05

Lab File ID (Standard): V1G9591 Time Analyzed: 1201

Instrument ID: V1 Heated Purge: (Y/N) Y

GC Column: DB-624 ID: 0.25 (mm)

		IS1 (BCM) AREA	#	RT	#	IS2 (DFB) AREA	#	RT	#	IS3 (CBZ) AREA	#	RT	#
	12 HOUR STD	151074		5.79		825813		6.93		646217		10.53	
	UPPER LIMIT	302148		6.29		1651626		7.43		1292434		11.03	
	LOWER LIMIT	75537		5.29		412907		6.43		323109		10.03	
	EPA SAMPLE												
01	VBLK1R	147626		5.79		839635		6.93		641413		10.52	
02	V1RLCS	150842		5.79		845661		6.93		652857		10.53	
03	SD07-S-M	134051		5.79		788287		6.93		512058		10.53	
04	SD07-S-MMS	101688		5.79		560161		6.93		353563		10.54	
05	SD07-S-MMSD	132572		5.80		763200		6.93		459699		10.54	
06	SD03-S-O	101325		5.79		645231		6.93		490348		10.53	
07	SD02-S-O	87988		5.79		605433		6.93		429106		10.52	
08	SD02-S-D	89282		5.79		550224		6.93		357536		10.53	
09	SD01-S-O	88649		5.79		572677		6.93		384966		10.52	
10	SD05-S-O	63617*		5.75		596641		6.90		424730		10.52	
11	SD06-S-O	91132		5.79		563266		6.93		444702		10.53	
12	SD08-S-O	83787		5.79		535402		6.93		347980		10.54	
13	SD11-S-O	71344*		5.79		452978		6.93		324372		10.52	
14													
15													
16													
17													
18													
19													
20													
21													
22													

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

EPA Sample No. (VSTD050##): VSTD0501S Date Analyzed: 08/19/05

Lab File ID (Standard): V1G9631 Time Analyzed: 1026

Instrument ID: V1 Heated Purge: (Y/N) Y

GC Column: DB-624 ID: 0.25 (mm)

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	163697	5.80	847566	6.94	697246	10.53
	UPPER LIMIT	327394	6.30	1695132	7.44	1394492	11.03
	LOWER LIMIT	81849	5.30	423783	6.44	348623	10.03
	EPA SAMPLE						
01	VBLK1S	217535	5.79	1358515	6.92	1115862	10.52
02	SD09-S-O	95203	5.78	578192	6.92	441160	10.52
03	SD06-S-ORE	34741*	5.78	200426*	6.92	140778*	10.52
04	SD07-S-O	87970	5.78	486676	6.92	381042	10.53
05	SD04-S-O	87883	5.78	537571	6.92	407220	10.53
06	SD10-S-O	87618	5.78	522280	6.92	372848	10.53
07	SD12-S-O	88694	5.78	550519	6.92	369343	10.52
08	SD01-S-ORE	83264	5.79	507047	6.92	355256	10.53
09	VHBLK1S	97027	5.78	539880	6.92	465286	10.53
10							
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19							
20							
21							
22							

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

EPA Sample No. (VSTD050##): VSTD0506Q Date Analyzed: 08/19/05

Lab File ID (Standard): V6D7841 Time Analyzed: 1114

Instrument ID: V6 Heated Purge: (Y/N) N

GC Column: DB-624 ID: 0.25 (mm)

		IS1 (BCM) AREA	#	RT	#	IS2 (DFB) AREA	#	RT	#	IS3 (CBZ) AREA	#	RT	#
	12 HOUR STD	275348		4.71		1533591		5.79		1542679		9.29	
	UPPER LIMIT	550696		5.21		3067182		6.29		3085358		9.79	
	LOWER LIMIT	137674		4.21		766796		5.29		771340		8.79	
	EPA SAMPLE												
01	VBLK6R	240305		4.71		1309764		5.79		1292873		9.29	
02	V6RLCS	216084		4.71		1156805		5.79		1095936		9.29	
03	SD02-S-ODL	260153		4.70		1431911		5.79		1358273		9.29	
04	SD02-S-DDL	280409		4.71		1565118		5.79		1476030		9.29	
05	SD05-S-ODL	265505		4.70		1491637		5.79		1380013		9.28	
06	SD08-S-ODL	274257		4.70		1559505		5.79		1490965		9.28	
07	SD11-S-ODL	272457		4.70		1540090		5.79		1474096		9.29	
08													
09													
10													
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21													
22													

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

EPA Sample No. (SSTD050##): SSTD0504T Date Analyzed: 08/24/05

Lab File ID (Standard): S4A9426 Time Analyzed: 1500

Instrument ID: S4 GC Column: DB-5MS ID: 0.25 (mm)

		IS1 (DCB) AREA	#	RT	#	IS2 (NPT) AREA	#	RT	#	IS3 (ANT) AREA	#	RT	#
	12 HOUR STD	90191		5.76		369165		8.07		217104		11.44	
	UPPER LIMIT	180382		6.26		738330		8.57		434208		11.94	
	LOWER LIMIT	45096		5.26		184583		7.57		108552		10.94	
	EPA SAMPLE NO.												
01	SBLK4D	74226		5.76		308655		8.07		167495		11.44	
02	S4DLCS	81833		5.76		347781		8.07		190878		11.44	
03	SD09-S-O	72798		5.76		309754		8.07		169220		11.44	
04	SD04-S-O	73061		5.76		301490		8.07		162781		11.44	
05	SS10-S-D	72298		5.76		303782		8.07		167215		11.44	
06	SS11-S-MMS	72713		5.76		291761		8.07		155286		11.44	
07	SS11-S-MMSD	68038		5.76		276928		8.07		154119		11.44	
08	SS11-S-M	73048		5.76		298157		8.07		161552		11.44	
09	SS10-S-O	63348		5.76		260086		8.07		142576		11.44	
10	SD07-S-MMS	67650		5.76		272050		8.07		145061		11.44	
11	SD06-S-O	65775		5.76		258997		8.07		137097		11.44	
12	SS03-S-O	64095		5.76		256282		8.07		137698		11.44	
13	SD07-S-MMSD	68526		5.76		275787		8.07		144219		11.44	
14	SD07-S-M	61474		5.76		238422		8.07		125673		11.44	
15	SD07-S-O	64493		5.76		274163		8.08		151217		11.44	
16	SD05-S-O	54135		5.77		219684		8.08		120061		11.44	
17													
18													
19													
20													
21													
22													

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

EPA Sample No. (SSTD050##): SSTD0504T Date Analyzed: 08/24/05

Lab File ID (Standard): S4A9426 Time Analyzed: 1500

Instrument ID: S4 GC Column: DB-5MS ID: 0.25 (mm)

		IS4 (PHN) AREA	#	RT	#	IS5 (CRY) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD	371192		13.61		338027		17.03		257506		18.94	
	UPPER LIMIT	742384		14.11		676054		17.53		515012		19.44	
	LOWER LIMIT	185596		13.11		169014		16.53		128753		18.44	
	EPA SAMPLE NO.												
01	SBLK4D	287362		13.61		240718		17.03		197439		18.94	
02	S4DLCS	322798		13.61		263668		17.03		215239		18.94	
03	SD09-S-O	281043		13.61		231745		17.03		181360		18.94	
04	SD04-S-O	254883		13.61		201546		17.03		162379		18.94	
05	SS10-S-D	285097		13.61		234429		17.03		176547		18.94	
06	SS11-S-MMS	248358		13.61		193143		17.03		152438		18.94	
07	SS11-S-MMSD	244466		13.61		191424		17.03		154207		18.94	
08	SS11-S-M	264355		13.61		213984		17.03		165967		18.94	
09	SS10-S-O	231423		13.61		184466		17.03		141560		18.94	
10	SD07-S-MMS	241817		13.61		203855		17.03		159826		18.94	
11	SD06-S-O	216898		13.61		176316		17.03		143682		18.94	
12	SS03-S-O	225391		13.61		187706		17.03		146446		18.94	
13	SD07-S-MMSD	231819		13.61		210666		17.04		164546		18.95	
14	SD07-S-M	195603		13.61		187824		17.04		144484		18.95	
15	SD07-S-O	237216		13.61		202015		17.04		156505		18.95	
16	SD05-S-O	194582		13.61		169910		17.04		136202		18.96	
17													
18													
19													
20													
21													
22													

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

EPA Sample No. (SSTD050##).: SSTD0504U Date Analyzed: 08/25/05

Lab File ID (Standard): S4A9451 Time Analyzed: 0940

Instrument ID: S4 GC Column: DB-5MS ID: 0.25 (mm)

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	12 HOUR STD	47557	5.76	202544	8.07	122445	11.44
	UPPER LIMIT	95114	6.26	405088	8.57	244890	11.94
	LOWER LIMIT	23779	5.26	101272	7.57	61223	10.94
	EPA SAMPLE NO.						
01	SD03-S-O	51188	5.76	210960	8.07	113420	11.44
02	SS02-S-O	51716	5.76	214294	8.07	117540	11.44
03	SD08-S-O	51249	5.76	222032	8.07	120355	11.44
04	SD07-S-MDL	45303	5.76	182388	8.07	100696	11.44
05	SD11-S-O	43815	5.76	184303	8.07	100824	11.44
06	SD10-S-O	49258	5.76	202629	8.07	113216	11.44
07	SD01-S-O	45554	5.77	183270	8.08	99495	11.44
08	SD12-S-O	39226	5.77	159392	8.08	91704	11.44
09	SS05-S-O	30142	5.77	126187	8.08	71895	11.45
10	SD02-S-D	42820	5.77	190149	8.09	103573	11.45
11	SD02-S-O	29713	5.77	128538	8.08	66300	11.45
12	SS05-S-ORE	32620	5.78	142458	8.09	68519	11.46
13	SD02-S-ODL	43224	5.77	190397	8.09	95615	11.45
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

EPA Sample No. (SSTD050##): SSTD0504U Date Analyzed: 08/25/05

Lab File ID (Standard): S4A9451 Time Analyzed: 0940

Instrument ID: S4 GC Column: DB-5MS ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	215506	13.61	190057	17.03	136834	18.94
	UPPER LIMIT	431012	14.11	380114	17.53	273668	19.44
	LOWER LIMIT	107753	13.11	95029	16.53	68417	18.44
	EPA SAMPLE NO.						
01	SD03-S-O	178716	13.61	147944	17.03	118822	18.94
02	SS02-S-O	192741	13.61	151170	17.04	119410	18.95
03	SD08-S-O	193229	13.61	152488	17.04	117774	18.95
04	SD07-S-MDL	163917	13.61	146093	17.04	108136	18.95
05	SD11-S-O	154330	13.61	127752	17.04	103280	18.95
06	SD10-S-O	175786	13.61	144948	17.04	124325	18.96
07	SD01-S-O	147141	13.62	120992	17.04	105442	18.96
08	SD12-S-O	135348	13.62	117625	17.05	98622	18.97
09	SS05-S-O	106703*	13.62	98347	17.05	86301	18.98
10	SD02-S-D	148618	13.63	152339	17.06	114585	18.99
11	SD02-S-O	90184*	13.62	100485	17.06	79836	18.99
12	SS05-S-ORE	81284*	13.63	83810*	17.06	77443	19.00
13	SD02-S-ODL	106191*	13.63	66519*	17.06	57447*	18.99
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

EPA Sample No. (SSTD050##): SSTD0504X Date Analyzed: 08/31/05

Lab File ID (Standard): S4A9521 Time Analyzed: 1113

Instrument ID: S4 GC Column: DB-5MS ID: 0.25 (mm)

		IS1 (DCB) AREA	#	RT	#	IS2 (NPT) AREA	#	RT	#	IS3 (ANT) AREA	#	RT	#
	12 HOUR STD	224855		5.48		889481		7.74		472338		11.17	
	UPPER LIMIT	449710		5.98		1778962		8.24		944676		11.67	
	LOWER LIMIT	112428		4.98		444741		7.24		236169		10.67	
	EPA SAMPLE NO.												
01	SBLK4G	240128		5.48		953206		7.74		492637		11.17	
02	S4GLCS	316652		5.49		1282951		7.74		705531		11.17	
03	SD07-S-MRE	264797		5.48		1052152		7.74		529469		11.17	
04	SD07-S-MREMS	333962		5.49		1377532		7.75		712142		11.17	
05	SD07-S-MREMS	249178		5.49		1007316		7.75		497311		11.17	
06													
07													
08													
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20													
21													
22													

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

EPA Sample No. (SSTD050##): SSTD0504X Date Analyzed: 08/31/05

Lab File ID (Standard): S4A9521 Time Analyzed: 1113

Instrument ID: S4 GC Column: DB-5MS ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	824469	13.36	735240	16.78	604452	18.60
	UPPER LIMIT	1648938	13.86	1470480	17.28	1208904	19.10
	LOWER LIMIT	412235	12.86	367620	16.28	302226	18.10
	EPA SAMPLE NO.						
01	SBLK4G	888919	13.36	750328	16.78	604214	18.59
02	S4GLCS	1211987	13.36	1020319	16.78	850550	18.59
03	SD07-S-MRE	871329	13.36	645518	16.78	527179	18.60
04	SD07-S-MREMS	1067616	13.36	771889	16.79	691429	18.61
05	SD07-S-MREMS	765997	13.36	531325	16.79	478608	18.61
06							
07							
08							
09							
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16							
17							
18							
19							
20							
21							
22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

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New York State Department of Environmental Conservation

Sample Identification and Analytical Requirements Summary

Project Name: **Old Troy Landfill** SDG: **D0926**

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		VOA GC/MS Method #	SVOA GC/MS Method #	Pest/PCB Method #	Metals	Other
SD03-S-O	D0926-01	ASP	ASP	ASP	ASP	SEE DATA
SD02-S-O	D0926-02	ASP	ASP	ASP	ASP	SEE DATA
SD02-S-O	D0926-03	ASP	ASP	ASP	ASP	SEE DATA
SD12-S-O	D0926-04	ASP	ASP	ASP	ASP	SEE DATA
SD01-S-O	D0926-05	ASP	ASP	ASP	ASP	SEE DATA
SD07-S-O	D0926-06	ASP	ASP	ASP	ASP	SEE DATA
SD07-S-M	D0926-07	ASP	ASP	ASP	ASP	SEE DATA
SD05-S-O	D0926-08	ASP	ASP	ASP	ASP	SEE DATA
SD05-S-O	D0926-09	ASP	ASP	ASP	ASP	SEE DATA
SD09-S-O	D0926-10	ASP	ASP	ASP	ASP	SEE DATA
SD08-S-O	D0926-11	ASP	ASP	ASP	ASP	SEE DATA
SD10-S-O	D0926-12	ASP	ASP	ASP	ASP	SEE DATA
SD11-S-O	D0926-13	ASP	ASP	ASP	ASP	SEE DATA
SD04-S-O	D0926-14	ASP	ASP	ASP	ASP	SEE DATA
SS02-S-O	D0926-15		ASP	ASP	ASP	SEE DATA
SS03-S-O	D0926-16		ASP	ASP	ASP	SEE DATA
SS05-S-O	D0926-17		ASP	ASP	ASP	SEE DATA
SS10-S-O	D0926-18		ASP	ASP	ASP	SEE DATA
SS11-S-M	D0926-19		ASP	ASP	ASP	SEE DATA
SS10-S-D	D0926-20		ASP	ASP	ASP	SEE DATA

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Sample Preparation and Analyses Summary
Volatile (VOA) Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Date Collected	Date Received by Lab	Date Extracted	Date Analyzed
D0926-01E	SL	08/08/2005	08/09/2005	Preserved in the field	08/18/2005
D0926-02E	SL	08/08/2005	08/09/2005	Preserved in the field	08/18/2005
D0926-03E	SL	08/09/2005	08/10/2005	Preserved in the field	08/18/2005
D0926-04C	SL	08/09/2005	08/10/2005	Preserved in the field	08/19/2005
D0926-05D	SL	08/09/2005	08/10/2005	Preserved in the field	8/18/05, 8/19/05
D0926-06C	SL	08/09/2005	08/10/2005	Preserved in the field	08/19/2005
D0926-07C	SL	08/09/2005	08/10/2005	Preserved in the field	08/18/2005
D0926-07CMS	SL	08/09/2005	08/10/2005	Preserved in the field	08/18/2005
D0926-07CMSD	SL	08/09/2005	08/10/2005	Preserved in the field	08/18/2005
D0926-08C	SL	08/08/2005	08/09/2005	Preserved in the field	8/18/05, 8/19/05
D0926-09C	SL	08/08/2005	08/09/2005	Preserved in the field	8/18/05, 8/19/05
D0926-10C	SL	08/08/2005	08/09/2005	Preserved in the field	08/19/2005
D0926-11C	SL	08/08/2005	08/09/2005	Preserved in the field	8/18/05, 8/19/05
D0926-12C	SL	08/10/2005	08/11/2005	Preserved in the field	08/19/2005
D0926-13C	SL	08/10/2005	08/11/2005	Preserved in the field	8/18/05, 8/19/05
D0926-14C	SL	08/10/2005	08/11/2005	Preserved in the field	08/19/2005

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Sample Preparation and Analyses Summary
Semivolatile (SVOA) Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Date Collected	Date Received by Lab	Date Extracted	Date Analyzed
D0926-01A	SL	08/08/2005	08/09/2005	08/12/2005	08/25/2005
D0926-02A	SL	08/08/2005	08/09/2005	08/12/2005	08/25/2005
D0926-03A	SL	08/08/2005	08/09/2005	08/12/2005	08/25/2005
D0926-04A	SL	08/09/2005	08/10/2005	08/12/2005	08/25/2005
D0926-05A	SL	08/09/2005	08/10/2005	08/12/2005	08/25/2005
D0926-06A	SL	08/09/2005	08/10/2005	08/12/2005	08/24/2005
D0926-07A	SL	08/09/2005	08/10/2005	8/12/05,8/26/05	8/24/05, 8/25/05, 8/31/05
D0926-07AMS	SL	08/09/2005	08/10/2005	8/12/05,8/26/05	8/24/05, 8/31/05
D0926-07AMSD	SL	08/09/2005	08/10/2005	8/12/05,8/26/05	8/24/05, 8/31/05
D0926-08A	SL	08/09/2005	08/10/2005	08/12/2005	08/25/2005
D0926-09A	SL	08/09/2005	08/10/2005	08/12/2005	08/24/2005
D0926-10A	SL	08/10/2005	08/11/2005	08/12/2005	08/24/2005
D0926-11A	SL	08/10/2005	08/11/2005	08/12/2005	08/25/2005
D0926-12A	SL	08/10/2005	08/11/2005	08/12/2005	08/25/2005
D0926-13A	SL	08/10/2005	08/11/2005	08/12/2005	08/25/2005
D0926-14A	SL	08/10/2005	08/11/2005	08/12/2005	08/24/2005
D0926-15A	SL	08/10/2005	08/11/2005	08/12/2005	08/25/2005
D0926-16A	SL	08/10/2005	08/11/2005	08/12/2005	08/24/2005
D0926-17A	SL	08/10/2005	08/11/2005	08/12/2005	08/25/2005
D0926-18A	SL	08/10/2005	08/11/2005	08/12/2005	08/24/2005

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Sample Preparation and Analyses Summary
Semivolatile (SVOA) Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Date Collected	Date Received by Lab	Date Extracted	Date Analyzed
D0926-19A	SL	08/10/2005	08/11/2005	08/12/2005	08/24/2005
D0926-19AMS	SL	08/10/2005	08/11/2005	08/12/2005	08/24/2005
D0926-19AMSD	SL	08/10/2005	08/11/2005	08/12/2005	08/24/2005
D0926-20A	SL	08/10/2005	08/11/2005	08/12/2005	08/24/2005

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Sample Preparation and Analyses Summary
Pesticides/PCB Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Date Collected	Date Received by Lab	Date Extracted	Date Analyzed
D0926-01A	SL	08/08/2005	08/09/2005	08/12/2005	08/24/2005
D0926-02A	SL	08/08/2005	08/09/2005	08/12/2005	08/24/2005
D0926-03A	SL	08/08/2005	08/09/2005	08/12/2005	08/24/2005
D0926-04A	SL	08/09/2005	08/10/2005	08/12/2005	08/24/2005
D0926-05A	SL	08/09/2005	08/10/2005	08/12/2005	08/24/2005
D0926-06A	SL	08/09/2005	08/10/2005	08/12/2005	08/24/2005
D0926-07A	SL	08/09/2005	08/10/2005	08/12/2005	8/23/05,8/25/05
D0926-07AMS	SL	08/09/2005	08/10/2005	08/12/2005	08/28/2005
D0926-07AMSD	SL	08/09/2005	08/10/2005	08/12/2005	08/28/2005
D0926-08A	SL	08/09/2005	08/10/2005	08/12/2005	08/24/2005
D0926-09A	SL	08/09/2005	08/10/2005	08/12/2005	08/24/2005
D0926-10A	SL	08/10/2005	08/11/2005	08/12/2005	08/24/2005
D0926-11A	SL	08/10/2005	08/11/2005	08/12/2005	08/24/2005
D0926-12A	SL	08/10/2005	08/11/2005	08/12/2005	08/24/2005
D0926-13A	SL	08/10/2005	08/11/2005	08/12/2005	08/25/2005
D0926-14A	SL	08/10/2005	08/11/2005	08/12/2005	08/25/2005
D0926-15A	SL	08/10/2005	08/11/2005	08/12/2005	8/24/05,8/25/05
D0926-16A	SL	08/10/2005	08/11/2005	08/12/2005	8/24/05,8/25/05
D0926-17A	SL	08/10/2005	08/11/2005	08/12/2005	8/24/05,8/25/05
D0926-18A	SL	08/10/2005	08/11/2005	08/12/2005	8/24/05,8/25/05

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Sample Preparation and Analyses Summary
Pesticides/PCB Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Date Collected	Date Received by Lab	Date Extracted	Date Analyzed
D0926-19A	SL	08/10/2005	08/11/2005	08/12/2005	8/24/05,8/25/05
D0926-19AMS	SL	08/10/2005	08/11/2005	08/12/2005	08/28/2005
D0926-19AMSD	SL	08/10/2005	08/11/2005	08/12/2005	08/28/2005
D0926-20A	SL	08/10/2005	08/11/2005	08/12/2005	8/24/05, 8/25/05

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Sample Preparation and Analyses Summary
Volatile (VOA) Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Low/Medium Level	Dil/Conc Factor
D0926-01E	SL	ASP	DI Water, Methanol	Low	1
D0926-02E	SL	ASP	DI Water, Methanol	Low, Medium	1
D0926-03E	SL	ASP	DI Water, Methanol	Low, Medium	1
D0926-04C	SL	ASP	DI Water, Methanol	Low	1
D0926-05D	SL	ASP	DI Water, Methanol	Low	1
D0926-06C	SL	ASP	DI Water, Methanol	Low	1
D0926-07C	SL	ASP	DI Water, Methanol	Low	1
D0926-07CMS	SL	ASP	DI Water, Methanol	Low	1
D0926-07CMSD	SL	ASP	DI Water, Methanol	Low	1
D0926-08C	SL	ASP	DI Water, Methanol	Low, Medium	1
D0926-09C	SL	ASP	DI Water, Methanol	Low	1
D0926-10C	SL	ASP	DI Water, Methanol	Low	1
D0926-11C	SL	ASP	DI Water, Methanol	Low, Medium	1
D0926-12C	SL	ASP	DI Water, Methanol	Low	1
D0926-13C	SL	ASP	DI Water, Methanol	Low, Medium	1
D0926-14C	SL	ASP	DI Water, Methanol	Low	1

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Sample Preparation and Analyses Summary
Semivolatile (SVOA) Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
D0926-01A	SL	ASP	3550B	GPC	1
D0926-02A	SL	ASP	3550B	GPC	1, 5
D0926-03A	SL	ASP	3550B	GPC	1
D0926-04A	SL	ASP	3550B	GPC	1
D0926-05A	SL	ASP	3550B	GPC	1
D0926-06A	SL	ASP	3550B	GPC	1
D0926-07A	SL	ASP	3550B	GPC	1, 2
D0926-07AMS	SL	ASP	3550B	GPC	1
D0926-07AMSD	SL	ASP	3550B	GPC	1
D0926-08A	SL	ASP	3550B	GPC	1
D0926-09A	SL	ASP	3550B	GPC	1
D0926-10A	SL	ASP	3550B	GPC	1
D0926-11A	SL	ASP	3550B	GPC	1
D0926-12A	SL	ASP	3550B	GPC	1
D0926-13A	SL	ASP	3550B	GPC	1
D0926-14A	SL	ASP	3550B	GPC	1
D0926-15A	SL	ASP	3550B	GPC	1
D0926-16A	SL	ASP	3550B	GPC	1
D0926-17A	SL	ASP	3550B	GPC	1
D0926-18A	SL	ASP	3550B	GPC	1

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Sample Preparation and Analyses Summary
Semivolatile (SVOA) Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
D0926-19A	SL	ASP	3550B	GPC	1
D0926-19AMS	SL	ASP	3550B	GPC	1
D0926-19AMSD	SL	ASP	3550B	GPC	1
D0926-20A	SL	ASP	3550B	GPC	1

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Sample Preparation and Analyses Summary
Pesticides/PCB Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
D0926-01A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-02A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-03A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-04A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-05A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-06A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-07A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-07AMS	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-07AMSD	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-08A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-09A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-10A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-11A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-12A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-13A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-14A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-15A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-16A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-17A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-18A	SL	ASP	3550B	GPC/Florisil/Sulfur	1

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Sample Preparation and Analyses Summary
Pesticides/PCB Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
D0926-19A	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-19AMS	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-19AMSD	SL	ASP	3550B	GPC/Florisil/Sulfur	1
D0926-20A	SL	ASP	3550B	GPC/Florisil/Sulfur	1

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New York State Department of Environmental Conservation

Sample Preparation and Analyses Summary
Inorganic Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Metals Requested	Date Received by Lab	Date Analyzed
D0926-01B	SL	ASP	08/09/2005	8/19/05 - 9/3/05
D0926-02B	SL	ASP	08/09/2005	8/19/05 - 9/3/05
D0926-03B	SL	ASP	08/09/2005	8/19/05 - 9/3/05
D0926-04B	SL	ASP	08/10/2005	8/19/05 - 9/3/05
D0926-05B	SL	ASP	08/10/2005	8/19/05 - 9/3/05
D0926-06B	SL	ASP	08/10/2005	8/19/05 - 9/3/05
D0926-07B	SL	ASP	08/10/2005	8/19/05 - 9/3/05
D0926-07BMS	SL	ASP	08/10/2005	8/19/05 - 9/3/05
D0926-07BMSD	SL	ASP	08/10/2005	8/19/05 - 9/3/05
D0926-08B	SL	ASP	08/10/2005	8/19/05 - 9/3/05
D0926-09B	SL	ASP	08/10/2005	8/19/05 - 9/3/05
D0926-10B	SL	ASP	08/11/2005	8/19/05 - 9/3/05
D0926-11B	SL	ASP	08/11/2005	8/19/05 - 9/3/05
D0926-12B	SL	ASP	08/11/2005	8/19/05 - 9/3/05
D0926-13B	SL	ASP	08/11/2005	8/19/05 - 9/3/05
D0926-14B	SL	ASP	08/11/2005	8/19/05 - 9/3/05
D0926-15B	SL	ASP	08/11/2005	8/19/05 - 9/3/05
D0926-16B	SL	ASP	08/11/2005	8/19/05 - 9/3/05
D0926-17B	SL	ASP	08/11/2005	8/19/05 - 9/3/05
D0926-18B	SL	ASP	08/11/2005	8/19/05 - 9/3/05

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New York State Department of Environmental Conservation

Sample Preparation and Analyses Summary
Inorganic Analyses

Project Name: **Old Troy Landfill** SDG: **D0926**

Laboratory Sample ID	Matrix	Metals Requested	Date Received by Lab	Date Analyzed
D0926-19B	SL	ASP	08/11/2005	8/19/05 - 9/3/05
D0926-19BMS	SL	ASP	08/11/2005	8/19/05 - 9/3/05
D0926-19BMSD	SL	ASP	08/11/2005	8/19/05 - 9/3/05
D0926-20B	SL	ASP	08/11/2005	8/19/05 - 9/3/05

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Analytical Data Package for Ecology & Environment

Client Project No.: Old Troy Landfill

Mitkem Work Order ID: D0926

September 6, 2005

Prepared For:

Ecology & Environment
368 Pleasantview Drive
Lancaster, NY 14086
Attn: Mr. Jon Nickerson

Prepared By:

Mitkem Corporation
175 Metro Center Boulevard
Warwick, RI 02886
(401) 732-3400

SDG Narrative

Mitkem Corporation submits the enclosed data package in response to Ecology & Environment's 93 Main Street project. Under this deliverable, analysis results are presented for twenty soil samples that were received from August 9 through August 11, 2005. Analyses were performed per specifications in the project's contract and the chain of custody forms. Due to the limitations in CLP data reporting software, client sample IDs were shortened. A table of full ID, shortened ID and laboratory ID follows this narrative, along with the Mitkem Work Order.

The analyses were performed and reported per NYSDEC ASP (2000 update) requirement for Category B deliverable with the exception of total organic carbon. The analysis results for total organic carbon are reported in the standard Mitkem format with supporting raw data.

The following observation and/or deviations are observed for the following analyses:

1. Overall observation:

Where needed, manual integrations were performed to improve data quality. The corrections were reviewed and associated hardcopies generated and reported as required. Manual integrations are coded to provide the data reviewer justification for such action. The codes are labeled on the ion chromatogram signal (GC/MS signal) and chromatogram for GC based analysis as follows:

- M1 peak tailing or fronting.
- M2 peak co-elution.
- M3 rising or falling baseline.
- M4 retention time shift.
- M5 miscellaneous – under this category, the justification is explained.

The enclosed report includes the originals of all data with the exception of logbook pages and certain initial calibrations. Photocopies of logbook pages are included, with the originals maintained on file at the laboratory. The originals of initial calibrations that are shared among several cases are maintained on file at the laboratory, with photocopies included in the data package.

2. Volatile Analysis:

Trap used for instruments V1 and V6: OI Analytical #10 trap containing 8 cm each of Tenax, silica gel and carbon molecular sieve.

GC column used: 30 m x 0.25 mm id (1.4 um film thickness) DB-624 capillary column.

The soil samples for volatiles were pre-preserved in the field. The samples were preserved in DI water and 10mL of methanol. The two vials containing DI water were frozen after login. For samples SD03-S-O, SD02-S-O and SD02-S-D, sample labels covered the tare weights on the vials for both the DI water and methanol. The samples were re-collected and received on August 10.

Surrogate recovery: recoveries were within the QC limits with the exception of high recovery of 1,2-dichloroethane-d4 in sample SD05-S-O. The sample was re-analyzed at dilution by the medium-level with surrogate recoveries within the QC limits.

Lab control sample: spike recoveries were within the QC limits.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on sample SD07-S-M. Spike recoveries and replicate RPDs were within the QC limits.

Sample analysis: internal standard area counts were within QC criteria with the exception of samples SD05-S-O, SD11-S-O and SD06-S-ORE. Samples SD05-S-O and SD11-S-O were re-analyzed at dilution by medium-level with all internal standard area counts within QC criteria. Internal standard area counts were within QC criteria in the initial analysis for sample SD06-S-O. The sample was re-analyzed due to potential carryover of acetone. The sample could not be re-analyzed at third time due to insufficient sample volume (only two vials with DI water). Sample SD01-S-O was also re-analyzed due to potential carryover of acetone. The re-analysis had acetone above the instrument calibration range (qualified with an "E"). The medium-level analysis was not analyzed. Due to the high concentration of acetone, the following samples were re-analyzed at dilution by medium-level: SD02-S-O, SD05-S-O, SD08-S-O and SD11-S-O. In the re-analyses at dilution, acetone was present, by methyl acetate was high. No other unusual observation was made for the analysis.

3. Semivolatile Analysis:

GC column: 30 m x 0.25 mm id (0.5 um film thickness) DB-5MS capillary column

Alkanes were determined as part of tentatively identified compounds. The alkanes are reported in the Alkane Narrative Report, following the SDG narrative.

Surrogate recovery: recoveries were within the QC limits with the exception high recovery of 2,4,6-tribromophenol in samples SD01-S-O and SS05-S-O and low recovery of all surrogates in sample SD07-S-MMS. Sample SS05-S-O was re-analyzed with high recovery of 2-fluorobiphenyl and 2,4,6-tribromophenol. The matrix spike and matrix spike duplicate were re-extracted and analyzed with surrogate recoveries within the QC limits.

Lab control sample: spike recoveries were within the QC limits with the exception of marginally high recovery of pentachlorophenol in S4GLCS.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on SD07-S-M and SS11-S-M. Spike recoveries were within the QC limits with the exception of all spike recoveries for the matrix spike for sample SD07-S-M. The matrix spike and matrix spike duplicate for sample SD07-S-M were re-extracted and analyzed with spike recoveries within QC limits except for 2,4-dinitrotoluene in the matrix spike duplicate. Replicate RPDs were within the QC limits for sample SS11-S-M and the re-extract of SD07-S-M. All replicate RPDs were outside of QC limits in the initial extraction of sample SD07-S-M.

Sample analysis: internal standard area counts were within QC criteria with the exception of the following samples: SS05-S-O and SD02-S-O. Sample SS05-S-O was re-analyzed and SD02-S-O re-analyzed at dilution with similar findings. Please note that sample SS05-S-O has a large unresolved area. Sample SS07-S-M and its associated matrix spike and matrix spike duplicate were re-extracted. The re-extract was performed outside of hold time. The initial extractions were performed within hold, but the matrix spike had non-compliant surrogate and spike recoveries. In order to calculate the spike recoveries and replicate RPDs correctly, the native sample and matrix spike duplicate had to be re-extracted. Due to high concentration of target analytes, the following samples were re-analyzed at dilution: SD02-S-O (5x) and SD07-S-M (2x). No other unusual observation was made for the analysis.

4. Pesticides/PCB Analysis:

GC column used: 30 m x 0.53 mm id (0.5 um film thickness) CLPPest and 30 m x 0.53 mm id (0.42 um film thickness) CLPPestII megabore columns

Surrogate recovery: recoveries were within the QC limits with the exception high recovery of decachlorobiphenyl in one column for sample SD02-S-O. This is due to co-elution.

Lab control sample: spike recoveries were within the QC limits. The lab control sample was not extracted with the samples.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on samples SD07-S-M and SS-11-S-M. Spike recoveries and replicate RPDs were within the QC limits.

Sample analysis: the following samples were re-analyzed as the endrin ketone was high in the associated calibration verifications: SS11-S-M, SD07-S-M, SS-02, S-O, SS03-S-O, SS05-S-O, SS10-S-O and SS10-S-D. The initial analysis for sample SD07-S-M is also associated with a non-compliant opening calibration verification. Please note that endrin ketone was not detected in sample SD07-S-M. No other unusual observation was made for the analysis.

5. Metals Analysis:

Mercury was analyzed using a Perkin Elmer Model 100 FIMS cold vapor atomic absorption analyzer. The other elements were analyzed using either a Perkin Elmer Model 3100XL Optima or a Perkin Elmer Model 4300DV ICAP.

Lab control sample: spike recoveries were within the QC limits.

Matrix spike: matrix spike was performed on samples SD07-S-M and SS11-S-M. Spike recoveries were within the QC limits with the exception of antimony, manganese and mercury for sample SD07-S-M and antimony, selenium and mercury for sample SS11-S-M. These elements are flagged with a "N" on the data report forms. A post digest spike was performed and reported for antimony, manganese and selenium.

Matrix duplicate: matrix duplicate was performed on samples SD07-S-M and SS11-S-M. Replicate RPDs were within the QC limits with the exception of aluminum in sample SD07-S-M. Aluminum is qualified with an "*" on the data report forms.

Sample analysis: serial dilution was performed on samples SD07-S-M and SS11-S-M with replicate RPDs within the QC limits with the exception of cadmium in sample SS11-S-M. Cadmium is flagged with an "E" on the data report forms. The preparation blank contained iron and manganese above the CRDL. While iron and manganese were also detected in the samples from this preparation batch, the concentration in the samples exceeded ten times the concentration in the blank. The iron and manganese in the blank does not significantly effect the iron and manganese concentrations in the samples. No other unusual observation was made for the analysis.

6. Cyanide Analysis:

The cyanide samples were prepared using minidistill apparatus by Kontes. The resultant distillates were analyzed using a Lachat QuikChem 8000 autoanalyzer.

Lab control sample: spike recovery was within the QC limits.

Matrix spike: matrix spike was performed on sample SD07-S-M. Spike recovery was within the QC limits.

Matrix duplicate: matrix duplicate was performed on sample SD07-S-M. Replicate RPD was within the QC limits.

Sample analysis: no unusual observation was made for the analysis.

7. Total organic carbon Analysis:

Lab control sample: spike recovery was within the QC limits.

Sample analysis: the results are qualified with an "E". Due to small sample aliquot used (about 10mg), the analysis could not be performed at dilution. No other unusual observation was made for the analysis.

All pages in this report have been numbered consecutively, starting with the title page and ending with a page saying only "Last Page of Data Report".

I certify that this data package is in compliance, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Agnes Ng
CLP Project Manager
09/06/05

ALKANE NARRATIVE REPORT
Report date : 09/01/2005
SDG: MD0926

Client Sample ID: SBLK4D Lab Sample ID: MB-19468 File ID: S4A9427

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.16	730	J
Cyclic Alkane	12.76	84	J

Client Sample ID: SD09-S-O Lab Sample ID: D0926-10A File ID: S4A9430

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.16	1300	JB
Cyclic Alkane	12.76	300	JB
Straight-Chain Alkane	15.94	150	J
Branched Alkane	16.78	400	J
Straight-Chain Alkane	17.57	340	J
Straight-Chain Alkane	18.40	1100	J
Straight-Chain Alkane	19.45	730	J

Client Sample ID: SD04-S-O Lab Sample ID: D0926-14A File ID: S4A9431

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.16	2500	JB
Cyclic Alkane	12.76	510	JB
Straight-Chain Alkane	16.78	440	J
Branched Alkane	17.18	330	J
Straight-Chain Alkane	17.56	1400	J
Straight-Chain Alkane	17.96	790	J
Straight-Chain Alkane	18.40	2800	J
Straight-Chain Alkane	19.45	2500	J
Straight-Chain Alkane	20.87	1600	J

Client Sample ID: SS10-S-D Lab Sample ID: D0926-20A File ID: S4A9432

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.16	850	JB
Cyclic Alkane	12.76	240	JB
Straight-Chain Alkane	15.94	120	J
Straight-Chain Alkane	17.57	320	J
Straight-Chain Alkane	18.40	1900	J
Cyclic Alkane	18.47	650	J
Straight-Chain Alkane	19.45	1500	J
Branched Alkane	20.86	970	J

Client Sample ID: SS11-S-M Lab Sample ID: D0926-19A File ID: S4A9435

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.16	730	JB
Cyclic Alkane	12.76	200	JB
Straight-Chain Alkane	16.78	160	J
Straight-Chain Alkane	17.57	140	J
Branched Alkane	17.96	100	J
Branched Alkane	18.40	460	J
Straight-Chain Alkane	19.45	540	J

Branched Alkane	20.86	430	J

Client Sample ID: SS10-S-O Lab Sample ID: D0926-18A File ID: S4A9436

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.16	920	JB
Cyclic Alkane	12.76	280	JB
Straight-Chain Alkane	15.01	80	J
Straight-Chain Alkane	15.94	120	J
Cyclic Alkane	16.79	470	J
Straight-Chain Alkane	17.18	91	J
Straight-Chain Alkane	17.57	400	J
Branched Alkane	17.96	180	J
Branched Alkane	18.40	2300	J
Straight-Chain Alkane	18.89	130	J
Straight-Chain Alkane	19.45	1900	J
Straight-Chain Alkane	20.86	1000	J

Client Sample ID: SD06-S-O Lab Sample ID: D0926-09A File ID: S4A9438

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.16	1700	JB
Cyclic Alkane	12.76	280	JB
Straight-Chain Alkane	13.98	320	J
Straight-Chain Alkane	15.94	220	J
Straight-Chain Alkane	16.78	1400	J
Straight-Chain Alkane	17.18	150	J
Branched Alkane	17.56	5800	J
Branched Alkane	17.96	290	J
Straight-Chain Alkane	18.40	4000	J
Straight-Chain Alkane	19.45	360	J

Client Sample ID: SS03-S-O Lab Sample ID: D0926-16A File ID: S4A9439

Compound	RT	Est. Conc.	Q
Cyclic Alkane	12.76	300	JB
Straight-Chain Alkane	16.78	190	J
Straight-Chain Alkane	17.57	210	J
Cyclic Alkane	17.60	230	J
Straight-Chain Alkane	18.40	1100	J
Straight-Chain Alkane	18.89	130	J
Straight-Chain Alkane	19.45	1600	J
Straight-Chain Alkane	20.86	760	J

Client Sample ID: SD07-S-M Lab Sample ID: D0926-07A File ID: S4A9441

Compound	RT	Est. Conc.	Q
Cyclic Alkane	12.76	520	JB

Client Sample ID: SD07-S-O Lab Sample ID: D0926-06A File ID: S4A9442

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.17	1600	JB
Cyclic Alkane	12.76	560	JB
Straight-Chain Alkane	17.57	130	J
Straight-Chain Alkane	19.45	230	J

Client Sample ID: SD05-S-O Lab Sample ID: D0926-08A File ID: S4A9446

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.17	2300	JB
Cyclic Alkane	12.76	1000	JB
Branched Alkane	12.84	1400	J
Branched Alkane	13.47	1100	J
Cyclic Alkane	16.79	770	J
Straight-Chain Alkane	17.57	1500	J
Straight-Chain Alkane	18.40	1700	J
Straight-Chain Alkane	19.46	900	J

Client Sample ID: SD03-S-O Lab Sample ID: D0926-01A File ID: S4A9452

Compound	RT	Est. Conc.	Q
Cyclic Alkane	12.76	900	JB
Straight-Chain Alkane	17.57	230	J
Straight-Chain Alkane	18.39	930	J
Straight-Chain Alkane	19.45	320	J

Client Sample ID: SS02-S-O Lab Sample ID: D0926-15A File ID: S4A9453

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.17	880	JB
Cyclic Alkane	12.76	330	JB
Straight-Chain Alkane	17.57	220	J
Cyclic Alkane	17.62	150	J
Straight-Chain Alkane	18.40	630	J
Straight-Chain Alkane	19.46	730	J
Straight-Chain Alkane	20.10	390	J
Straight-Chain Alkane	20.87	650	J

Client Sample ID: SD08-S-O Lab Sample ID: D0926-11A File ID: S4A9454

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.17	2300	JB
Straight-Chain Alkane	16.79	1600	J
Straight-Chain Alkane	18.40	4400	J
Straight-Chain Alkane	19.45	910	J

Client Sample ID: SD07-S-MDL Lab Sample ID: D0926-07ADL File ID: S4A94

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.17	1600	JBD
Cyclic Alkane	12.76	660	JBD

Client Sample ID: SD11-S-O Lab Sample ID: D0926-13A File ID: S4A9456

Compound	RT	Est. Conc.	Q
Straight-Chain Alkane	12.81	2200	J
Straight-Chain Alkane	15.94	1000	J
Branched Alkane	17.18	1200	J
Straight-Chain Alkane	17.58	38000	J

Straight-Chain Alkane	17.96	1700	J
Straight-Chain Alkane	18.41	32000	J
Straight-Chain Alkane	18.89	1100	J
Cyclic Alkane	19.27	4500	J
Straight-Chain Alkane	19.46	4300	J

Client Sample ID: SD10-S-O Lab Sample ID: D0926-12A File ID: S4A9457

Compound	RT	Est. Conc.	Q
Cyclic Alkane	12.76	1000	JB
Branched Alkane	15.94	180	J
Straight-Chain Alkane	16.36	200	J
Cyclic Alkane	16.79	1400	J
Straight-Chain Alkane	17.97	430	J
Branched Alkane	18.41	3400	J
Branched Alkane	19.46	1300	J

Client Sample ID: SD01-S-O Lab Sample ID: D0926-05A File ID: S4A9458

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.17	3300	JB
Branched Alkane	15.02	480	J
Straight-Chain Alkane	15.94	990	J
Straight-Chain Alkane	16.37	360	J
Straight-Chain Alkane	16.79	1900	J
Branched Alkane	17.18	440	J
Straight-Chain Alkane	17.58	2500	J
Branched Alkane	18.41	5300	J
Cyclic Alkane	18.47	1300	J
Straight-Chain Alkane	19.47	4900	J
Branched Alkane	20.89	4500	J

Client Sample ID: SD12-S-O Lab Sample ID: D0926-04A File ID: S4A9459

Compound	RT	Est. Conc.	Q
Cyclic Alkane	11.17	2300	JB
Straight-Chain Alkane	16.79	280	J
Straight-Chain Alkane	17.97	410	J
Branched Alkane	18.41	1100	J
Branched Alkane	19.47	670	J

Client Sample ID: SS05-S-O Lab Sample ID: D0926-17A File ID: S4A9460

Compound	RT	Est. Conc.	Q
Branched Alkane	11.17	950	J
Branched Alkane	19.48	1300	J

Client Sample ID: SD02-S-D Lab Sample ID: D0926-03A File ID: S4A9461

Compound	RT	Est. Conc.	Q
Cyclic Alkane	12.77	670	JB
Straight-Chain Alkane	12.82	390	J
Straight-Chain Alkane	17.59	2800	J
Branched Alkane	19.48	1400	J

Client Sample ID: SD02-S-O Lab Sample ID: D0926-02A File ID: S4A9462

Compound	RT	Est. Conc.	Q
Branched Alkane	16.80	1700	J
Straight-Chain Alkane	17.59	2900	J
Straight-Chain Alkane	19.48	3600	J

Client Sample ID: SS05-S-ORE Lab Sample ID: D0926-17ARE File ID: S4A94

Compound	RT	Est. Conc.	Q
Cyclic Alkane	12.77	570	JB
Straight-Chain Alkane	17.59	250	J
Straight-Chain Alkane	19.49	1500	J

Client Sample ID: SD02-S-ODL Lab Sample ID: D0926-02ADL File ID: S4A94

Compound	RT	Est. Conc.	Q
Branched Alkane	17.58	6400	JD

Client Sample ID: SBLK4G Lab Sample ID: MB-19676 File ID: S4A9522

Compound	RT	Est. Conc.	Q
Cyclic Alkane	12.53	160	J

Client Sample ID: SD07-S-MRE Lab Sample ID: D0926-07ARE File ID: S4A95

Compound	RT	Est. Conc.	Q
Branched Alkane	11.02	730	J
Straight-Chain Alkane	14.79	140	J
Straight-Chain Alkane	16.56	330	J
Branched Alkane	18.12	1300	J
Straight-Chain Alkane	19.10	860	J

*Mitkem and Client Sample ID Summary Report**

Mitkem Workorder: D0926

Client Name: Ecology and Environm

Mitkem Sample ID	*Reported Client Sample ID*	*Full Client Sample ID*
D0926-01A	SD03-S-O	OTMI-SD03-S-O
D0926-01B	SD03-S-O	OTMI-SD03-S-O
D0926-01C	SD03-S-O	OTMI-SD03-S-O
D0926-01D	SD03-S-O	OTMI-SD03-S-O
D0926-01E	SD03-S-O	OTMI-SD03-S-O
D0926-01F	SD03-S-O	OTMI-SD03-S-O
D0926-02A	SD02-S-O	OTMI-SD02-S-O
D0926-02B	SD02-S-O	OTMI-SD02-S-O
D0926-02C	SD02-S-O	OTMI-SD02-S-O
D0926-02D	SD02-S-O	OTMI-SD02-S-O
D0926-02E	SD02-S-O	OTMI-SD02-S-O
D0926-02F	SD02-S-O	OTMI-SD02-S-O
D0926-03A	SD02-S-D	OTMI-SD02-S-D
D0926-03B	SD02-S-D	OTMI-SD02-S-D
D0926-03C	SD02-S-D	OTMI-SD02-S-D
D0926-03D	SD02-S-D	OTMI-SD02-S-D
D0926-03E	SD02-S-D	OTMI-SD02-S-D
D0926-03F	SD02-S-D	OTMI-SD02-S-D
D0926-04A	SD12-S-O	OTMI-SD12-S-O
D0926-04B	SD12-S-O	OTMI-SD12-S-O
D0926-04C	SD12-S-O	OTMI-SD12-S-O
D0926-04D	SD12-S-O	OTMI-SD12-S-O
D0926-05A	SD01-S-O	OTMI-SD01-S-O
D0926-05B	SD01-S-O	OTMI-SD01-S-O
D0926-05C	SD01-S-O	OTMI-SD01-S-O
D0926-05D	SD01-S-O	OTMI-SD01-S-O
D0926-06A	SD07-S-O	OTMI-SD07-S-O
D0926-06B	SD07-S-O	OTMI-SD07-S-O
D0926-06C	SD07-S-O	OTMI-SD07-S-O
D0926-06D	SD07-S-O	OTMI-SD07-S-O
D0926-07A	SD07-S-M	OTMI-SD07-S-M
D0926-07B	SD07-S-M	OTMI-SD07-S-M
D0926-07C	SD07-S-M	OTMI-SD07-S-M
D0926-07D	SD07-S-M	OTMI-SD07-S-M
D0926-08A	SD05-S-O	OTMI-SD05-S-O
D0926-08B	SD05-S-O	OTMI-SD05-S-O
D0926-08C	SD05-S-O	OTMI-SD05-S-O
D0926-08D	SD05-S-O	OTMI-SD05-S-O
D0926-09A	SD06-S-O	OTMI-SD06-S-O
D0926-09B	SD06-S-O	OTMI-SD06-S-O

** If client sample ID has not been truncated, the full client sample ID is listed in the column labeled "Reported Client Sample ID"*

Mitkem Sample ID	*Reported Client Sample ID*	*Full Client Sample ID*
D0926-09C	SD06-S-O	OTMI-SD06-S-O
D0926-09D	SD06-S-O	OTMI-SD06-S-O
D0926-10A	SD09-S-O	OTMI-SD09-S-O
D0926-10B	SD09-S-O	OTMI-SD09-S-O
D0926-10C	SD09-S-O	OTMI-SD09-S-O
D0926-10D	SD09-S-O	OTMI-SD09-S-O
D0926-11A	SD08-S-O	OTMI-SD08-S-O
D0926-11B	SD08-S-O	OTMI-SD08-S-O
D0926-11C	SD08-S-O	OTMI-SD08-S-O
D0926-11D	SD08-S-O	OTMI-SD08-S-O
D0926-12A	SD10-S-O	OTMI-SD10-S-O
D0926-12B	SD10-S-O	OTMI-SD10-S-O
D0926-12C	SD10-S-O	OTMI-SD10-S-O
D0926-12D	SD10-S-O	OTMI-SD10-S-O
D0926-13A	SD11-S-O	OTMI-SD11-S-O
D0926-13B	SD11-S-O	OTMI-SD11-S-O
D0926-13C	SD11-S-O	OTMI-SD11-S-O
D0926-13D	SD11-S-O	OTMI-SD11-S-O
D0926-14A	SD04-S-O	OTMI-SD04-S-O
D0926-14B	SD04-S-O	OTMI-SD04-S-O
D0926-14C	SD04-S-O	OTMI-SD04-S-O
D0926-14D	SD04-S-O	OTMI-SD04-S-O
D0926-15A	SS02-S-O	OTMI-SS02-S-O
D0926-15B	SS02-S-O	OTMI-SS02-S-O
D0926-16A	SS03-S-O	OTMI-SS03-S-O
D0926-16B	SS03-S-O	OTMI-SS03-S-O
D0926-17A	SS05-S-O	OTMI-SS05-S-O
D0926-17B	SS05-S-O	OTMI-SS05-S-O
D0926-18A	SS10-S-O	OTMI-SS10-S-O
D0926-18B	SS10-S-O	OTMI-SS10-S-O
D0926-19A	SS11-S-M	OTMI-SS11-S-M
D0926-19B	SS11-S-M	OTMI-SS11-S-M
D0926-20A	SS10-S-D	OTMI-SS10-S-D
D0926-20B	SS10-S-D	OTMI-SS10-S-D

** If client sample ID has not been truncated, the full client sample ID is listed in the column labeled "Reported Client Sample ID"*

Mitkem Corporation *22/Aug/05 11:25* WorkOrder: D0926

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-01A	SD03-S-O	08/08/05 18:12	08/09/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist	ILM5.3	☐	☐	☐	A5
D0926-01B	SD03-S-O	08/08/05 18:12	08/09/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-01C	SD03-S-O	08/08/05 18:12	08/09/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☑	☐	☐	VOA
D0926-01D	SD03-S-O	08/08/05 18:12	08/09/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☑	☐	☐	VOA
D0926-01E	SD03-S-O	08/09/05 11:55	08/10/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-01F	SD03-S-O	08/09/05 11:55	08/10/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☑	☐	☐	VOA
D0926-02A	SD02-S-O	08/08/05 16:22	08/09/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5

Client Rep: Benjamin F Dodge

0014

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-02A	SD02-S-O	08/08/05 16:22	08/09/05	Soil	OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-02B	SD02-S-O	08/08/05 16:22	08/09/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-02C	SD02-S-O	08/08/05 16:22	08/09/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☑	☐	☐	VOA
D0926-02D	SD02-S-O	08/08/05 16:22	08/09/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-02E	SD02-S-O	08/09/05 11:43	08/10/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-02F	SD02-S-O	08/09/05 11:43	08/10/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-03A	SD02-S-D	08/08/05 16:22	08/09/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5

Client Rep: Benjamin F Dodge

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-03A	SD02-S-D	08/08/05 16:22	08/09/05	Soil	OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-03B	SD02-S-D	08/08/05 16:22	08/09/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-03C	SD02-S-D	08/08/05 16:22	08/09/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☑	☐	☐	VOA
D0926-03D	SD02-S-D	08/08/05 16:22	08/09/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-03E	SD02-S-D	08/09/05 11:43	08/10/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-03F	SD02-S-D	08/09/05 11:43	08/10/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-04A	SD12-S-O	08/09/05 08:46	08/10/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5

Client Rep: Benjamin F Dodge

0016

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-04A	SD12-S-O	08/09/05 08:46	08/10/05	Soil	PMoist		☐	☐	☐	A5
D0926-04B	SD12-S-O	08/09/05 08:46	08/10/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-04C	SD12-S-O	08/09/05 08:46	08/10/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-04D	SD12-S-O	08/09/05 08:46	08/10/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☑	☐	☐	VOA
D0926-05A	SD01-S-O	08/09/05 17:27	08/10/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-05B	SD01-S-O	08/09/05 17:27	08/10/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5

Client Rep: Benjamin F Dodge

0017

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-05B	SD01-S-O	08/09/05 17:27	08/10/05	Soil	ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-05C	SD01-S-O	08/09/05 17:27	08/10/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-05D	SD01-S-O	08/09/05 17:27	08/10/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☑	☐	☐	VOA
D0926-06A	SD07-S-O	08/09/05 10:00	08/10/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-06B	SD07-S-O	08/09/05 10:00	08/10/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-06C	SD07-S-O	08/09/05 10:00	08/10/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-06D	SD07-S-O	08/09/05 10:00	08/10/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☑	☐	☐	VOA

Client Rep: Benjamin F Dodge

00118

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-07A	SD07-S-M	08/09/05 10:00	08/10/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☑	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☑	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☑	☐	A5
					PMoist		☐	☐	☐	A5
D0926-07B	SD07-S-M	08/09/05 10:00	08/10/05	Soil	E415_LK_TOC_S		☐	☑	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☑	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☑	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☑	☑	A5
D0926-07C	SD07-S-M	08/09/05 10:00	08/10/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☑	☐	VOA
D0926-07D	SD07-S-M	08/09/05 10:00	08/10/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☑	☑	☐	VOA
D0926-08A	SD05-S-O	08/09/05 12:34	08/10/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5

Client Rep: Benjamin F Dodge

0019

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-08B	SD05-S-O	08/09/05 12:34	08/10/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-08C	SD05-S-O	08/09/05 12:34	08/10/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-08D	SD05-S-O	08/09/05 12:34	08/10/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-09A	SD06-S-O	08/09/05 13:57	08/10/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-09B	SD06-S-O	08/09/05 13:57	08/10/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5

Client Rep: Benjamin F Dodge

0020

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-09C	SD06-S-O	08/09/05 13:57	08/10/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-09D	SD06-S-O	08/09/05 13:57	08/10/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☑	☐	☐	VOA
D0926-10A	SD09-S-O	08/10/05 08:00	08/11/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-10B	SD09-S-O	08/10/05 08:00	08/11/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-10C	SD09-S-O	08/10/05 08:00	08/11/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-10D	SD09-S-O	08/10/05 08:00	08/11/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☑	☐	☐	VOA

Client Rep: Benjamin F Dodge

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-11A	SD08-S-O	08/10/05 08:24	08/11/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-11B	SD08-S-O	08/10/05 08:24	08/11/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-11C	SD08-S-O	08/10/05 08:24	08/11/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-11D	SD08-S-O	08/10/05 08:24	08/11/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-12A	SD10-S-O	08/10/05 08:44	08/11/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5

Client Rep: Benjamin F Dodge

0022

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-12B	SD10-S-O	08/10/05 08:44	08/11/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-12C	SD10-S-O	08/10/05 08:44	08/11/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-12D	SD10-S-O	08/10/05 08:44	08/11/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☑	☐	☐	VOA
D0926-13A	SD11-S-O	08/10/05 10:47	08/11/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-13B	SD11-S-O	08/10/05 10:47	08/11/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5

Client Rep: Benjamin F Dodge

0023

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-13C	SD11-S-O	08/10/05 10:47	08/11/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-13D	SD11-S-O	08/10/05 10:47	08/11/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-14A	SD04-S-O	08/10/05 12:14	08/11/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-14B	SD04-S-O	08/10/05 12:14	08/11/05	Soil	E415_LK_TOC_S		☐	☐	☐	A5
					ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-14C	SD04-S-O	08/10/05 12:14	08/11/05	Soil	OLM4.2_VOA_LOW_S	OLM, NYS-Add LCS	☐	☐	☐	VOA
D0926-14D	SD04-S-O	08/10/05 12:14	08/11/05	Soil	OLM4.2_VOA_MED_S	OLM, NYS-Add LCS	☑	☐	☐	VOA
D0926-15A	SS02-S-O	08/10/05 17:48	08/11/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5

Client Rep: Benjamin F Dodge

Client ID: ENE **Case:** **Report Level:** ASP-B
Project: Old Troy Landfill **SDG:** **EDD:** ADAPT
Location: **PO:** TN 000699.NV26.02 **HC Due:** 09/01/05
Comments: N/A **Fax Due:**

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
D0926-15A	SS02-S-O	08/10/05 17:48	08/11/05	Soil	OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-15B	SS02-S-O	08/10/05 17:48	08/11/05	Soil	ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-16A	SS03-S-O	08/10/05 17:32	08/11/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-16B	SS03-S-O	08/10/05 17:32	08/11/05	Soil	ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-17A	SS05-S-O	08/10/05 17:09	08/11/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5

Client Rep: Benjamin F Dodge

0025

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-17A	SS05-S-O	08/10/05 17:09	08/11/05	Soil	OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-17B	SS05-S-O	08/10/05 17:09	08/11/05	Soil	ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-18A	SS10-S-O	08/10/05 16:53	08/11/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-18B	SS10-S-O	08/10/05 16:53	08/11/05	Soil	ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5
D0926-19A	SS11-S-M	08/10/05 16:32	08/11/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☑	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☑	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☑	☐	A5

Client Rep: Benjamin F Dodge

00026

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/01/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D0926-19A	SS11-S-M	08/10/05 16:32	08/11/05	Soil	PMoist		☐	☐	☐	A5
D0926-19B	SS11-S-M	08/10/05 16:32	08/11/05	Soil	ILM5.3_CN_S	ILM5.3	☐	☑	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☑	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☑	☑	A5
D0926-20A	SS10-S-D	08/10/05 16:53	08/11/05	Soil	OLM4.2_PH	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_PP_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					OLM4.2_SVOA_S	OLM, NYS-Add LCS	☐	☐	☐	A5
					PMoist		☐	☐	☐	A5
D0926-20B	SS10-S-D	08/10/05 16:53	08/11/05	Soil	ILM5.3_CN_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_HG_S	ILM5.3	☐	☐	☐	A5
					ILM5.3_ICP_S	ILM5.3	☐	☐	☑	A5

Client Rep: Benjamin F Dodge

0027

Sample Transmittal Documentation

MITKEM CORPORATION
175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

REPORT TO

COMPANY: Ecology + Environment, PHONE: 716-684-8060
NAME: Jon Nickerson FAX: 716 644 0884
ADDRESS: 368 Pleasantview Dr
CITY/ST/ZIP: Lancaster, NY 14086

INVOICE TO

COMPANY: Same PHONE:
NAME: FAX:
ADDRESS:
CITY/ST/ZIP:

LAB PROJECT #: D0926
TURNAROUND TIME:

CLIENT PROJECT NAME: Old Troy Manuf. Incin.
CLIENT PROJECT #: 699NY36.02
CLIENT P.O.#:

REQUESTED ANALYSES

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	TCL VOCs	TAL Metals/Mercury Cyanide/TDC	SVOCs/PCBs TAL Metals/Mercury Boron/Sulfides	SVOCs	TCL PCBs/Pesticides	TKN/Nitrogen (Ammonia)	COD	BOD	TOC	TDS/Hardness/Alkalinity Chlorides/Fluoride Phenols	COMMENTS
OTM1-SW03-W-0	8/8/05 1812		✓	✓				12			1	2	1	1	2	1	2	1	1	
OTM1-SD03-S0	8/8/05 1812		✓		✓		01	5	3	1	1									
	/																			
	/																			
	/																			
	/																			
	/																			
	/																			
	/																			
	/																			
	/																			
	/																			

8/8/05

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
		8/8/05 1845		8/9/05 840	FedEx 841334576750	4°C
		/		/		
		/		/		

0029

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

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email: mitkem@mitkem.com

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

REPORT TO

COMPANY: Ecology + Environment | PHONE: 716/684-8060
NAME: Jon Nickerson | FAX: 716/684-8060
ADDRESS: 368 Pleasantview Dr
CITY/ST/ZIP: Lancaster, NY 14086

INVOICE TO

COMPANY: Same | PHONE:
NAME: | FAX:
ADDRESS:
CITY/ST/ZIP:

LAB PROJECT #: D0926
TURNAROUND TIME: Standard

CLIENT PROJECT NAME: Old Troy Munic. Incin.
CLIENT PROJECT #: 699NV26.02
CLIENT P.O.#:

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES: TCL VOCs (OLM04.3)	TAL Metals/Mercury + Cyanide	SVOCs/PCBs (TCL)	TAL Metals/Mercury Boron/Hardness	SVOCs	TCL Pest/Pesticides	TKN, Nitrogen (Ammonia)	COD	BOD	TOC	TDS/Anions/Alkalinity/Chloride/Sulfate	Phenols	COMMENTS
TB01-W-T	8/4/05 / 1505		✓	✓				2	✓												
OTM1-SW02-W-O	/ 1622		✓	✓				14	2	~~2~~	1	2	1	1	2	1	2	1	1		
OTM1-SW02-W-D	/ 1622		✓	✓				14	2		1	2	1	1	2	1	2	1	1		
OTM1-SD02-S-O	/ 1622		✓		✓		02	5	3	1	1										
OTM1-SD02-S-D	/ 1622		✓		✓		03	5	3	1	1										
OTM1-SW03-W-O	/ 1812		✓	✓					2												
~~OTM1-SD03-S-O~~	~~/~~																				
	/																				
	/																				
	/																				
	/																				
	/																				

8/8/05

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME
		8/8/05 / 1845		8/9/05 / 840
		/		/
		/		/

ADDITIONAL REMARKS: Shipped via FedEX 841334576740

COOLER TEMP: 3°C

0030

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CHAIN-OF-CUSTODY RECORD

Page 1 of 1

REPORT TO		INVOICE TO		
COMPANY: Ecology + Environment	PHONE:	COMPANY: Same	PHONE:	LAB PROJECT #: D0926
NAME: Jon Nickerson	FAX:	NAME:	FAX:	
ADDRESS: 368 Pleasantview Dr		ADDRESS:		TURNAROUND TIME: Standard
CITY/ST/ZIP: Lancaster, NY 14086		CITY/ST/ZIP:		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
Old Troy Municipal Incin	699.NY26.02	

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES: TCL VOCs	TAL Metals/Mercury/Cyanide TOC	SVOCs/PCBs	TAL Metals/Mercury/Hardness	SVOCs	TCL PCBs/Pesticides	TKN/Nitrogen (Ammonia)	COD	BOD	TOC	TDS/Anions/Alkalinity/Color/Conductivity/Phenols	COMMENTS
TB02-W-T	8/9/05 0800		✓	✓				2	2											
OTM1-SW12-W-0	8/9/05 0846		✓	✓					2			1	2	1	1	2	1	2	1	1	
OTM1-SD12-S-0	8/9/05 0846		✓		✓		04	5	3	1	1										
OTM1-SW07-W-~~0~~ MS	8/9/05 1000		✓	✓				~~2~~ 4	~~2~~ x4												MS/MSD only
OTM1-SW07-W-0	8/9/05 1000		✓	✓				2	2												
OTM1-SW05-W-0	8/9/05 1234		✓	✓				2	2												
OTM1-SW06-W-0	8/9/05 1357		✓	✓				2	2												
OTM1-SW01-W-0	8/9/05 1727		✓	✓				2	2												
OTM1-SD01-S-0	8/9/05 1727		✓		✓		05	5	3	1	1										

Lee Smith 8/9/05

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
	Lee Smith	8/9/05 1830	Gjusrkg	8/10/05 845	FedEx: 8413 345 7 6728	2°C
		/		/		
		/		/		

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Cooler 2 of 4

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CHAIN-OF-CUSTODY RECORD

Page 1 of 1

REPORT TO		INVOICE TO		
COMPANY Ecology + Environment	PHONE 716 684 8060	COMPANY Same	PHONE	LAB PROJECT #: D0926
NAME Jon Nickerson	FAX 716 6840844	NAME	FAX	
ADDRESS 3368 Pleasantview Dr		ADDRESS		TURNAROUND TIME: Standard
CITY/ST/ZIP Lancaster NY 14086		CITY/ST/ZIP		

CLIENT PROJECT NAME: Old Troy Munic. Incin

CLIENT PROJECT #: 699.NY26.02

CLIENT P.O.#:

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	TCL VOCs	TAL Metals / Mercury / Cyanide / TOC	SVOCs / PCBs	TAL Metals / Mercury Hardness	SVOCs	TCL PCBs / Pesticides	TKN, Nitrogen (Ammonia)	COD	BOD	TOC	TDS / Anions / Alkalinity / Color / Cyanide / Phenols	COMMENTS
OTM1-SW07-W-D	8/9/05 1000		✓	✓				12												
OTM1-SW07-W-M	/			✓				24												
OTM1-SD07-S-O	/				✓			3 3 1 1												
OTM1-SD07-S-M	/		✓		✓		07	6 ~~6~~ 2 2												
OTM1-SD02-S-D	8/9/05 1143				✓		03	3 3												
OTM1-SD02-S-O	8/9/05 1143		✓		✓		02	3 3												
OTM1-SD03-S-O	8/9/05 1155		✓		✓		01	3 3												
	/																			
	/																			
	/																			
	/																			
	/																			
	/																			
	/																			

1 2 1 1 2 1 2 1 1
2 4 2 2 4 2 4 2 2

MS/MSD only

MS/MSD only
Resubmittal
Resubmittal

8/9/05

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
		8/9/05 1630		8/10/05 845	FedEx 8413 3457 6739	6°C
		/		/		
		/		/		

0022

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Cooler 3 of 4

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

REPORT TO		INVOICE TO		
COMPANY: Ecology & Environment	PHONE: 716-684-8060	COMPANY: Same	PHONE	LAB PROJECT #: D0926
NAME: Jon Nickerson	FAX: 716 684 0844	NAME	FAX	
ADDRESS: 368 Pleasantview Dr		ADDRESS		TURNAROUND TIME: Standard
CITY/ST/ZIP: Lancaster NY 14086		CITY/ST/ZIP		

CLIENT PROJECT NAME: Old Troy

CLIENT PROJECT #: 699 NV26.02

CLIENT P.O.#:

REQUESTED ANALYSES

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	TCL VOCs	TAL metals (Mercury, Cyanide) TOC	SVOCs TAL Metals (Mercury, Boron) Hexavalent Chromium	SVOCs TCL PCBs	TCL PCBs Pesticides	TKN, Nitrogen (Ammonia)	COD	BOD	TOC	TDS Anions (Nitrate, Nitrite, Chloride, Fluoride, Sulfate)	Color Phenols	COMMENTS
OTM1-SW05-S-0	8/9/05 1234		✓	✓				12				1	2	1	1	2	1	2	1	1
OTM1-SD05-S-0	8/9/05 1234		✓		✓		08	5	3	1	1									
OTM1-SW06-W-0	8/9/05 1357		✓	✓				12				1	2	1	1	2	1	2	1	1
OTM1-SD06-S-0	8/9/05 1357		✓		✓		09	5	3	1	1									

8/9/05

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
		8/9/05 1830		8/10/05 845	FedEx 8468 2885 2876	5°C
		/		/		
		/		/		

0033

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Cooler 1 of 3

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CHAIN-OF-CUSTODY RECORD

Page 1 of 1

REPORT TO			INVOICE TO		
COMPANY Ecology & Environment	PHONE 7166848060		COMPANY Same	PHONE	LAB PROJECT #: D0926
NAME Jon Nickerson	FAX 716 6840844		NAME	FAX	
ADDRESS 368 Pleasantview Dr			ADDRESS		TURNAROUND TIME: Standard
CITY/ST/ZIP Lancaster NY 14086			CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
Old Troy Mun. Incin	699 NV26.02	

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES: TCL VOCs; TAL Metals/Mercury (Aqueous); TCL SVOCs; TAL Metals/Mercury (Soil/Sediment); TCL PCBs/Pesticides; SVOCs; TCL PCBs/Pesticides; Ammonia Nitrogen (Aqueous); COD; BOD; TOC; TDS; Phenols; Cyanide	COMMENTS
OTM1-SW09-W-0	8/10/05 0800		✓	✓				14	2 1 2 1 1 2 1 2 1 1	
OTM1-SW08-W-0	8/10/05 0824		✓	✓				14	2 1 2 1 1 2 1 2 1 1	
OTM1-SD09-S-0	/ 0800		✓		✓		10	5	3 1 1	
OTM1-SD08-S-0	/ 0824		✓		✓		11	5	3 1 1	
OTM1-SD10-S-0	/ 0844		✓		✓		12	5	3 1 1	
TB03-W-T	/ 0745		✓	✓				2	2	
OTM1-SW11-W-0	/ 1047		✓	✓				2	2	
OTM1-SW04-W-0	/ 1214		✓	✓				2	2	
	/									
	/		8/8/05							
	/									
	/									

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
		8/10/05 1845		8/11/05 840	FedEx 8468 2885 2854	2°C
		/		/		
		/		/		

0034

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Cooler 4 of 2

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CHAIN-OF-CUSTODY RECORD

Page 1 of ___

REPORT TO			INVOICE TO			
COMPANY	Ecology & Environment	PHONE 716 6848060	COMPANY	Same	PHONE	LAB PROJECT #: D0926
NAME	Jon Nickerson	FAX 716 6840844	NAME		FAX	
ADDRESS	368 Pleasantview Dr		ADDRESS			TURNAROUND TIME: Standard
CITY/ST/ZIP	Lancaster NY 14086		CITY/ST/ZIP			

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
Old Troy Mun. Incin	699NV26.02	

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES: TCL VOCs; TAL Metals/Mercury; SVOCs; TCL PCBs/Pesticides; TAL Nitrogen (Ammonia); COD; BOD; TOC; TPS/Amenable Cyanide; Phenols	COMMENTS
OTM1-SW11-W-0	8/10/05 1047		✓	✓				12	3 1 1 1 2 1 1 2 1 2 1 1	
OTM1-SD11-S-0	1047		✓		✓		13	5		
OTM1-SW04-W-0	1214		✓	✓				12		
OTM1-SD04-S-0	✓ 1214		✓		✓		14	5		
	/									
	/									
	/									
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	/									
	/									

Relinquished by Driver 8/10/05

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
		8/10/05 1825		8/11/05 840	FedEx 8468 2885 2810	2°C
		/		/		
		/		/		

0035

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Cooler 5 of 5

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

REPORT TO		INVOICE TO		
COMPANY Ecology + Environment	PHONE 716-684-8060	COMPANY Same	PHONE	LAB PROJECT #: D0926
NAME Jon Nickerson	FAX 716-684-0844	NAME	FAX	
ADDRESS 368 Pleasantview Dr		ADDRESS		TURNAROUND TIME: Standard
CITY/ST/ZIP Lancaster NY 14086		CITY/ST/ZIP		

CLIENT PROJECT NAME: Old Troy Munic Incin.

CLIENT PROJECT #: 699NV26.02

CLIENT P.O.#:

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	TCL SVOCs	TCL Pest/PCBs	TAL Metals, Mercury	Cyanide	TAL Metals (Hg) Cyanide SVOCs Pest/PCBs	COMMENTS
OTM1-SS-RB-W-R	8/10/05 1545		✓	✓				5	2	1	1	1		
OTM1-SS02-SO	8/10/05 1748	✓			✓		15					1	1	
OTM1-SS03-S-O	8/10/05 1732						16					1	1	
OTM1-SS05-S-O	8/10/05 1709						17					1	1	
OTM1-SS10-S-O	8/10/05 1653						18					1	1	
OTM1-SS11-S-~~X~~MS	8/10/05 1632						19					3	3	MS/MSD
OTM1-SS10-S-D	8/10/05 1653						20					1	1	

8/10/05

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
		8/10/05 1845		8/11/05 840	Fed Ex 8468-2885-7821	3°C
		/		/		
		/		/		

0036

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MITKEM CORPORATION
Sample Condition Form

Received By: ARN | Reviewed By: JAH | Date: 8/9/05 | MITKEM Project #: D0926

Client Project: Old Troy | Client: E&E

Cooler Sealed (Yes) / No

1) Custody Seal(s) (Present) / Absent
(Coolers) / Bottles
(Intact) / Broken

2) Custody Seal Number(s) NA

3) Chain-of-Custody (Present) / Absent

4) Cooler Temperature 3°C/4°C
Coolant Condition Ice

5) Airbill(s) (Present) / Absent
Airbill Number(s) FedEx
841334576740
841334576750

6) Sample Bottles (Intact) Broken/Leakin

7) Date Received 8/9/05

8) Time Received 840

Preservative Name/Lot No:

Lab Sample ID		Preservation (pH) HNO_3	H_2SO_4	HCl	NaOH	VOA Matrix	Soil Headspace or Air Bubbles ≥ 1/4"
D0926	01					F/M	
↓	02					↓	
D0926	03						

VOA Matrix Key:
US = Unpreserved Soil **A** = Air
UA = Unpreserved Aqueo **H** = HCl
M/N= MeOH & $NaHSO_4$ **E** = Encore
N = $NaHSO_4$ **M** =MeOH

F/M: DI H_2O + MeOH

See Sample Condition Notification/Corrective Action Form yes (no)

Rad OK yes/ no

Form ID: SampleCond.Form-11/04

MITKEM CORPORATION
Sample Condition Form

Page 1 of 1

amd 8/10/05

Received By: ARN | Reviewed By: [signature] | Date: 8/10/05 | MITKEM Project #: ~~D0925~~ D0926

Client Project: Old Troy | Client: E+E

Cooler Sealed (Yes) / No

1) Custody Seal(s) (Present) / Absent
(Coolers) / Bottles
(Intact) / Broken

2) Custody Seal Number(s) NA

3) Chain-of-Custody (Present) / Absent

4) Cooler Temperature 2°C / 6°C / 5°C
Coolant Condition Ice

5) Airbill(s) (Present) / Absent
Airbill Number(s) FedEx
8468 2885 2876
8413 3345 7673 4
8468 2885 2865
8413 3345 7672 8

6) Sample Bottles (Intact) / Broken / Leaking

7) Date Received 8/10/05

8) Time Received 845

Preservative Name/Lot No:

Lab Sample ID		Preservation (pH) HNO_3	H_2SO_4	HCl	NaOH	VOA Matrix	Soil Headspace or Air Bubbles ≥ 1/4"
D0926	01					F/M	
	02						
	03						
	04						
	05						
	06						
	07						
	08						
D0926	09						

VOA Matrix Key:
US = Unpreserved Soil **A** = Air
UA = Unpreserved Aqueo **H** = HCl
M/N = MeOH & $NaHSO_4$ **E** = Encore
N = $NaHSO_4$ **M** = MeOH

F/M = DI H_2O + MeOH

See Sample Condition Notification/Corrective Action Form yes / (no)

Rad OK yes/ no

Form ID: SampleCond.Form-11/04

MITKEM CORPORATION
Sample Condition Form

Received By: ARN | Reviewed By: DC | Date: 8/11/05 | MITKEM Project #: D0926

Client Project: Old Troy | Client: E + E

Cooler Sealed (Yes) / No

1) Custody Seal(s) (Present) / Absent
(Coolers) / Bottles
(Intact) / Broken

2) Custody Seal Number(s) NA

3) Chain-of-Custody (Present) / Absent

4) Cooler Temperature 2°C | 2°C | 3°C
Coolant Condition Ice

5) Airbill(s) (Present) / Absent
Airbill Number(s) FedEx
846828852810
846828852821
846828852854

6) Sample Bottles (Intact)/Broken/Leakin

7) Date Received 8/11/05

8) Time Received 840

Preservative Name/Lot No:

Lab Sample ID		Preservation (pH) HNO_3	H_2SO_4	HCl	NaOH	VOA Matrix	Soil Headspace or Air Bubbles ≥ 1/4"
D0926	10					F/M	
	11					↓	
	12						
	13					↓	
	14					F/M	
	15						
	16						
	17						
	18						
↓	19						
D0926	20						

VOA Matrix Key:
US = Unpreserved Soil **A** = Air
UA = Unpreserved Aqueo **H** = HCl
M/N= MeOH & $NaHSO_4$ **E** = Encore
N = $NaHSO_4$ **M** =MeOH
F/M = DI H_2O + MeOH

See Sample Condition Notification/Corrective Action Form yes (no)

Rad OK yes/ no

Form ID: SampleCond.Form-11/04

MITKEM CORPORATION

* Volatiles *

2B
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Level: (low/med) LOW

	EPA SAMPLE NO.	SMC1 (TOL) #	SMC2 (BFB) #	SMC3 (DCE) #	OTHER	TOT OUT
01	VBLK1R	98	94	95		0
02	V1RLCS	95	94	98		0
03	SD07-S-M	114	76	92		0
04	SD07-S-MMS	118	75	91		0
05	SD07-S-MMSD	116	69	88		0
06	SD03-S-O	102	83	103		0
07	SD02-S-O	109	78	103		0
08	SD02-S-D	115	71	100		0
09	SD01-S-O	109	73	98		0
10	SD05-S-O	101	79	133*		1
11	SD06-S-O	96	86	108		0
12	SD08-S-O	112	66	103		0
13	SD11-S-O	105	79	99		0
14	VBLK1S	102	92	102		0
15	SD09-S-O	106	77	106		0
16	SD06-S-ORE	106	76	108		0
17	SD07-S-O	104	82	104		0
18	SD04-S-O	106	82	100		0
19	SD10-S-O	112	76	110		0
20	SD12-S-O	117	68	111		0
21	SD01-S-ORE	112	74	104		0
22	VHBLK1S	96	98	121		0
23						
24						
25						
26						
27						
28						
29						
30						

	QC LIMITS
SMC1 (TOL) = Toluene-d8	(84-138)
SMC2 (BFB) = Bromofluorobenzene	(59-113)
SMC3 (DCE) = 1,2-Dichloroethane-d4	(70-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

2B

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Level: (low/med) MED

	EPA SAMPLE NO.	SMC1 (TOL) #	SMC2 (BFB) #	SMC3 (DCE) #	OTHER	TOT OUT
01	VBLK6R	117	106	110		0
02	V6RLCS	103	93	104		0
03	SD02-S-ODL	99	97	92		0
04	SD02-S-DDL	98	90	93		0
05	SD05-S-ODL	107	99	98		0
06	SD08-S-ODL	99	94	96		0
07	SD11-S-ODL	101	95	97		0
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	QC LIMITS
SMC1 (TOL) = Toluene-d8	(84-138)
SMC2 (BFB) = Bromofluorobenzene	(59-113)
SMC3 (DCE) = 1,2-Dichloroethane-d4	(70-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix Spike - EPA Sample No.: SD07-S-M Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	75	0.0	69	92	59-172
Trichloroethene	75	0.0	65	87	62-137
Benzene	75	0.0	69	92	66-142
Toluene	75	0.0	78	104	59-139
Chlorobenzene	75	0.0	67	89	60-133

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	80	79	99	7	22	59-172
Trichloroethene	80	67	84	4	24	62-137
Benzene	80	73	91	1	21	66-142
Toluene	80	86	108	4	21	59-139
Chlorobenzene	80	72	90	1	21	60-133

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix Spike - Sample No.: V1RLCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50		45	90	59-172
Trichloroethene	50		43	86	62-137
Benzene	50		45	90	66-142
Toluene	50		45	90	59-139
Chlorobenzene	50		47	94	60-133

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 5 outside limits

COMMENTS: _____

_____

FORM III VOA

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix Spike - Sample No.: V6RLCS Level: (low/med) MED

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	6300		5000	79	61-145
Trichloroethene	6300		5800	92	71-120
Benzene	6300		6100	97	76-127
Toluene	6300		6400	102	76-125
Chlorobenzene	6300		6400	102	75-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 5 outside limits

COMMENTS: _____

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK1R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab File ID: V1G9592 Lab Sample ID: MB-19555

Date Analyzed: 08/18/05 Time Analyzed: 1242

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: V1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V1RLCS	LCS-19555	V1G9593	1321
02	SD07-S-M	D0926-07C	V1G9595	1419
03	SD07-S-MMS	D0926-07CMS	V1G9596	1446
04	SD07-S-MMSD	D0926-07CMSD	V1G9597	1513
05	SD03-S-O	D0926-01E	V1G9598	1542
06	SD02-S-O	D0926-02E	V1G9599	1611
07	SD02-S-D	D0926-03E	V1G9600	1640
08	SD01-S-O	D0926-05C	V1G9602	1736
09	SD05-S-O	D0926-08C	V1G9604	1833
10	SD06-S-O	D0926-09C	V1G9605	1901
11	SD08-S-O	D0926-11C	V1G9607	1958
12	SD11-S-O	D0926-13C	V1G9609	2055
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COMMENTS: _____

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK1S

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab File ID: V1G9634 Lab Sample ID: MB-19568

Date Analyzed: 08/19/05 Time Analyzed: 1326

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: V1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	SD09-S-O	D0926-10C	V1G9637	1508
02	SD06-S-ORE	D0926-09CRE	V1G9638	1536
03	SD07-S-O	D0926-06C	V1G9639	1604
04	SD04-S-O	D0926-14C	V1G9640	1632
05	SD10-S-O	D0926-12C	V1G9641	1702
06	SD12-S-O	D0926-04C	V1G9642	1730
07	SD01-S-ORE	D0926-05CRE	V1G9643	1759
08	VHBLK1S	VHBLK1S	V1G9649	2048
09				
10				
11				
12				
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COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK6R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab File ID: V6D7843 Lab Sample ID: MB-19570

Date Analyzed: 08/19/05 Time Analyzed: 1236

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: V6

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V6RLCS	LCS-19570	V6D7845	1425
02	SD02-S-ODL	D0926-02F	V6D7847	1554
03	SD02-S-DDL	D0926-03F	V6D7848	1623
04	SD05-S-ODL	D0926-08D	V6D7849	1651
05	SD08-S-ODL	D0926-11D	V6D7850	1719
06	SD11-S-ODL	D0926-13D	V6D7851	1748
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COMMENTS: _____

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab File ID: V1G9580 BFB Injection Date: 08/18/05

Instrument ID: V1 BFB Injection Time: 0300

GC Column: DB-624 ID: 0.25 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	25.9
75	30.0 - 66.0% of mass 95	53.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	77.7
175	4.0 - 9.0% of mass 174	5.8 (7.4)1
176	93.0 - 101.0% of mass 174	78.3 (100.7)1
177	5.0 - 9.0% of mass 176	5.7 (7.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD0501Q	VSTD0501Q	V1G9581	08/18/05	0328
02	VSTD0101Q	VSTD0101Q	V1G9582	08/18/05	0356
03	VSTD2001Q	VSTD2001Q	V1G9583	08/18/05	0425
04	VSTD1001Q	VSTD1001Q	V1G9584	08/18/05	0452
05	VSTD0201Q	VSTD0201Q	V1G9585	08/18/05	0521
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5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab File ID: V1G9590 BFB Injection Date: 08/18/05

Instrument ID: V1 BFB Injection Time: 1135

GC Column: DB-624 ID: 0.25 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	25.5
75	30.0 - 66.0% of mass 95	56.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	79.4
175	4.0 - 9.0% of mass 174	6.3 (8.0)1
176	93.0 - 101.0% of mass 174	76.4 (96.3)1
177	5.0 - 9.0% of mass 176	4.8 (6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD0501R	VSTD0501R	V1G9591	08/18/05	1201
02	VBLK1R	MB-19555	V1G9592	08/18/05	1242
03	V1RLCS	LCS-19555	V1G9593	08/18/05	1321
04	SD07-S-M	D0926-07C	V1G9595	08/18/05	1419
05	SD07-S-MMS	D0926-07CMS	V1G9596	08/18/05	1446
06	SD07-S-MMSD	D0926-07CMSD	V1G9597	08/18/05	1513
07	SD03-S-O	D0926-01E	V1G9598	08/18/05	1542
08	SD02-S-O	D0926-02E	V1G9599	08/18/05	1611
09	SD02-S-D	D0926-03E	V1G9600	08/18/05	1640
10	SD01-S-O	D0926-05C	V1G9602	08/18/05	1736
11	SD05-S-O	D0926-08C	V1G9604	08/18/05	1833
12	SD06-S-O	D0926-09C	V1G9605	08/18/05	1901
13	SD08-S-O	D0926-11C	V1G9607	08/18/05	1958
14	SD11-S-O	D0926-13C	V1G9609	08/18/05	2055
15					
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5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab File ID: V1G9630 BFB Injection Date: 08/19/05

Instrument ID: V1 BFB Injection Time: 1000

GC Column: DB-624 ID: 0.25 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	23.9
75	30.0 - 66.0% of mass 95	53.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	76.8
175	4.0 - 9.0% of mass 174	5.7 (7.4)1
176	93.0 - 101.0% of mass 174	74.2 (96.6)1
177	5.0 - 9.0% of mass 176	5.1 (6.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD0501S	VSTD0501S	V1G9631	08/19/05	1026
02	VBLK1S	MB-19568	V1G9634	08/19/05	1326
03	SD09-S-O	D0926-10C	V1G9637	08/19/05	1508
04	SD06-S-ORE	D0926-09CRE	V1G9638	08/19/05	1536
05	SD07-S-O	D0926-06C	V1G9639	08/19/05	1604
06	SD04-S-O	D0926-14C	V1G9640	08/19/05	1632
07	SD10-S-O	D0926-12C	V1G9641	08/19/05	1702
08	SD12-S-O	D0926-04C	V1G9642	08/19/05	1730
09	SD01-S-ORE	D0926-05CRE	V1G9643	08/19/05	1759
10	VHBLK1S	VHBLK1S	V1G9649	08/19/05	2048
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5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab File ID: V6D7770 BFB Injection Date: 08/17/05

Instrument ID: V6 BFB Injection Time: 1127

GC Column: DB-624 ID: 0.25 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	20.0
75	30.0 - 66.0% of mass 95	53.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	1.0 (1.2)1
174	50.0 - 120.0% of mass 95	81.3
175	4.0 - 9.0% of mass 174	5.7 (7.0)1
176	93.0 - 101.0% of mass 174	79.0 (97.1)1
177	5.0 - 9.0% of mass 176	4.9 (6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD0506L	VSTD0506L	V6D7778	08/18/05	0244
02	VSTD0106L	VSTD0506L	V6D7779	08/18/05	0313
03	VSTD2006L	VSTD2006L	V6D7780	08/18/05	0341
04	VSTD1006L	VSTD1006L	V6D7781	08/18/05	0409
05	VSTD0206L	VSTD0206L	V6D7782	08/18/05	0438
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5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab File ID: V6D7840 BFB Injection Date: 08/19/05

Instrument ID: V6 BFB Injection Time: 1005

GC Column: DB-624 ID: 0.25 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	19.2
75	30.0 - 66.0% of mass 95	48.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.6 (0.7)1
174	50.0 - 120.0% of mass 95	90.1
175	4.0 - 9.0% of mass 174	5.9 (6.5)1
176	93.0 - 101.0% of mass 174	86.3 (95.7)1
177	5.0 - 9.0% of mass 176	5.8 (6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD0506Q	VSTD0506Q	V6D7841	08/19/05	1114
02	VBLK6R	MB-19570	V6D7843	08/19/05	1236
03	V6RLCS	LCS-19570	V6D7845	08/19/05	1425
04	SD02-S-ODL	D0926-02F	V6D7847	08/19/05	1554
05	SD02-S-DDL	D0926-03F	V6D7848	08/19/05	1623
06	SD05-S-ODL	D0926-08D	V6D7849	08/19/05	1651
07	SD08-S-ODL	D0926-11D	V6D7850	08/19/05	1719
08	SD11-S-ODL	D0926-13D	V6D7851	08/19/05	1748
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8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

EPA Sample No. (VSTD050##): VSTD0501R Date Analyzed: 08/18/05

Lab File ID (Standard): V1G9591 Time Analyzed: 1201

Instrument ID: V1 Heated Purge: (Y/N) Y

GC Column: DB-624 ID: 0.25 (mm)

		IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #
	12 HOUR STD	151074	5.79	825813	6.93	646217	10.53
	UPPER LIMIT	302148	6.29	1651626	7.43	1292434	11.03
	LOWER LIMIT	75537	5.29	412907	6.43	323109	10.03
	EPA SAMPLE						
01	VBLK1R	147626	5.79	839635	6.93	641413	10.52
02	V1RLCS	150842	5.79	845661	6.93	652857	10.53
03	SD07-S-M	134051	5.79	788287	6.93	512058	10.53
04	SD07-S-MMS	101688	5.79	560161	6.93	353563	10.54
05	SD07-S-MMSD	132572	5.80	763200	6.93	459699	10.54
06	SD03-S-O	101325	5.79	645231	6.93	490348	10.53
07	SD02-S-O	87988	5.79	605433	6.93	429106	10.52
08	SD02-S-D	89282	5.79	550224	6.93	357536	10.53
09	SD01-S-O	88649	5.79	572677	6.93	384966	10.52
10	SD05-S-O	63617*	5.75	596641	6.90	424730	10.52
11	SD06-S-O	91132	5.79	563266	6.93	444702	10.53
12	SD08-S-O	83787	5.79	535402	6.93	347980	10.54
13	SD11-S-O	71344*	5.79	452978	6.93	324372	10.52
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

EPA Sample No. (VSTD050##): VSTD0501S Date Analyzed: 08/19/05

Lab File ID (Standard): V1G9631 Time Analyzed: 1026

Instrument ID: V1 Heated Purge: (Y/N) Y

GC Column: DB-624 ID: 0.25 (mm)

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	163697	5.80	847566	6.94	697246	10.53
	UPPER LIMIT	327394	6.30	1695132	7.44	1394492	11.03
	LOWER LIMIT	81849	5.30	423783	6.44	348623	10.03
	EPA SAMPLE						
01	VBLK1S	217535	5.79	1358515	6.92	1115862	10.52
02	SD09-S-O	95203	5.78	578192	6.92	441160	10.52
03	SD06-S-ORE	34741*	5.78	200426*	6.92	140778*	10.52
04	SD07-S-O	87970	5.78	486676	6.92	381042	10.53
05	SD04-S-O	87883	5.78	537571	6.92	407220	10.53
06	SD10-S-O	87618	5.78	522280	6.92	372848	10.53
07	SD12-S-O	88694	5.78	550519	6.92	369343	10.52
08	SD01-S-ORE	83264	5.79	507047	6.92	355256	10.53
09	VHBLK1S	97027	5.78	539880	6.92	465286	10.53
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

EPA Sample No. (VSTD050##): VSTD0506Q Date Analyzed: 08/19/05

Lab File ID (Standard): V6D7841 Time Analyzed: 1114

Instrument ID: V6 Heated Purge: (Y/N) N

GC Column: DB-624 ID: 0.25 (mm)

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	275348	4.71	1533591	5.79	1542679	9.29
	UPPER LIMIT	550696	5.21	3067182	6.29	3085358	9.79
	LOWER LIMIT	137674	4.21	766796	5.29	771340	8.79
	EPA SAMPLE						
01	VBLK6R	240305	4.71	1309764	5.79	1292873	9.29
02	V6RLCS	216084	4.71	1156805	5.79	1095936	9.29
03	SD02-S-ODL	260153	4.70	1431911	5.79	1358273	9.29
04	SD02-S-DDL	280409	4.71	1565118	5.79	1476030	9.29
05	SD05-S-ODL	265505	4.70	1491637	5.79	1380013	9.28
06	SD08-S-ODL	274257	4.70	1559505	5.79	1490965	9.28
07	SD11-S-ODL	272457	4.70	1540090	5.79	1474096	9.29
08							
09							
10							
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19							
20							
21							
22							

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD01-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-05C

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1G9602

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 72 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	34	U
74-87-3	Chloromethane	34	U
75-01-4	Vinyl Chloride	34	U
74-83-9	Bromomethane	34	U
75-00-3	Chloroethane	34	U
75-69-4	Trichlorofluoromethane	34	U
75-35-4	1,1-Dichloroethene	34	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	34	U
67-64-1	Acetone	570	
75-15-0	Carbon Disulfide	9	J
79-20-9	Methyl Acetate	34	U
75-09-2	Methylene Chloride	150	
156-60-5	trans-1,2-Dichloroethene	34	U
1634-04-4	Methyl tert-Butyl Ether	34	U
75-34-3	1,1-Dichloroethane	34	U
156-59-2	cis-1,2-Dichloroethene	34	U
78-93-3	2-Butanone	150	
67-66-3	Chloroform	8	J
71-55-6	1,1,1-Trichloroethane	34	U
110-82-7	Cyclohexane	34	U
56-23-5	Carbon Tetrachloride	34	U
71-43-2	Benzene	34	U
107-06-2	1,2-Dichloroethane	34	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD01-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-05C

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1G9602

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 72 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	34	U
108-87-2	Methylcyclohexane	34	U
78-87-5	1,2-Dichloropropane	34	U
75-27-4	Bromodichloromethane	34	U
10061-01-5	cis-1,3-Dichloropropene	34	U
108-10-1	4-Methyl-2-Pentanone	34	U
108-88-3	Toluene	34	U
10061-02-6	trans-1,3-Dichloropropene	34	U
79-00-5	1,1,2-Trichloroethane	34	U
127-18-4	Tetrachloroethene	12	J
591-78-6	2-Hexanone	34	U
124-48-1	Dibromochloromethane	34	U
106-93-4	1,2-Dibromoethane	34	U
108-90-7	Chlorobenzene	34	U
100-41-4	Ethylbenzene	34	U
1330-20-7	Xylene (Total)	34	U
100-42-5	Styrene	34	U
75-25-2	Bromoform	34	U
98-82-8	Isopropylbenzene	34	U
79-34-5	1,1,2,2-Tetrachloroethane	34	U
541-73-1	1,3-Dichlorobenzene	34	U
106-46-7	1,4-Dichlorobenzene	34	U
95-50-1	1,2-Dichlorobenzene	34	U
96-12-8	1,2-Dibromo-3-chloropropane	34	U
120-82-1	1,2,4-Trichlorobenzene	34	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD01-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-05C

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1G9602

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 72 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.13	36	J
2.	75-18-3	DIMETHYL SULFIDE	3.73	38	NJ
3.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.26	70	NJ
4.					
5.					
6.					
7.					
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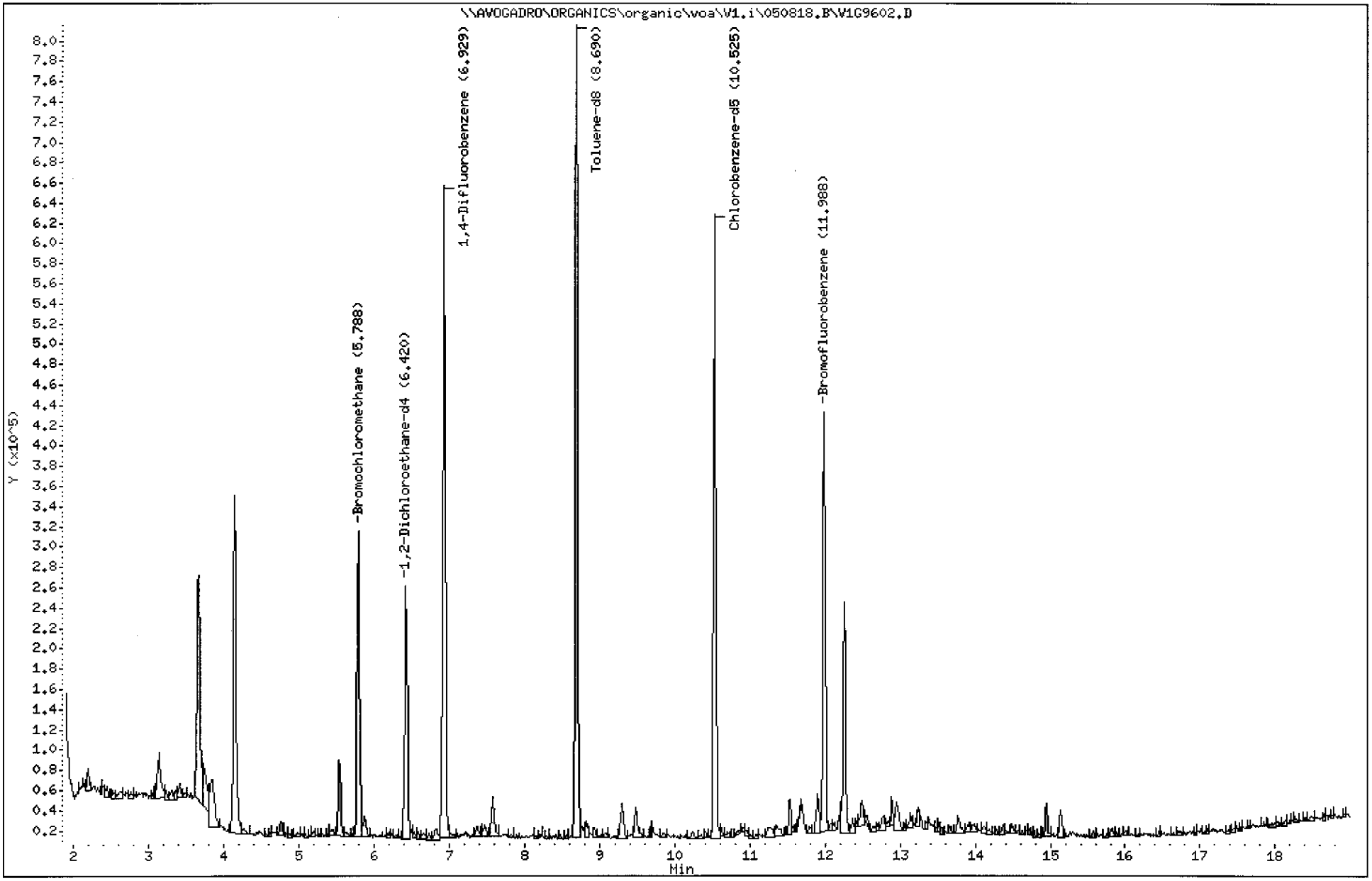
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9602.D
Date : 18-AUG-2005 17:36
Client ID: SD01-S-0
Instrument: V1.i
Sample Info: ,D0926-05C,,19555,
Operator: LG SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



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Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9602.D
Report Date: 01-Sep-2005 11:05

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9602.D
Lab Smp Id: D0926-05C Client Smp ID: SD01-S-O
Inj Date : 18-AUG-2005 17:36
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-05C,,19555,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:48 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.200	Weight of sample (g)
M	72.000	% Moisture (not decanted)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
9	Acetone	43	3.667	3.667	(0.634)	450384	167.052	570
10	Carbon Disulfide	76	3.853	3.866	(0.666)	35252	2.53918	9(a)
12	Methylene Chloride	84	4.138	4.139	(0.715)	172569	44.2650	150
16	2-Butanone	43	5.527	5.527	(0.955)	137165	45.1125	150(H)
* 18	Bromochloromethane	128	5.788	5.788	(1.000)	88649	50.0000	
19	Chloroform	83	5.875	5.875	(1.015)	16391	2.37421	8(a)
$ 23	1,2-Dichloroethane-d4	65	6.420	6.420	(1.109)	219849	48.7568	170
* 26	1,4-Difluorobenzene	114	6.929	6.929	(1.000)	572677	50.0000	
$ 33	Toluene-d8	98	8.690	8.690	(0.826)	583116	54.4635	190
37	Tetrachloroethene	164	9.483	9.483	(0.901)	9250	3.43122	12(a)
* 42	Chlorobenzene-d5	117	10.525	10.525	(1.000)	384966	50.0000	
$ 50	Bromofluorobenzene	95	11.988	11.988	(1.139)	156335	36.2870	120

9/1/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9602.D
Report Date: 01-Sep-2005 11:05

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9602.D
Report Date: 01-Sep-2005 11:05

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9602.D
Lab Smp Id: D0926-05C Client Smp ID: SD01-S-O
Inj Date : 18-AUG-2005 17:36
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-05C,,19555,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:48 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.200	Weight of sample (g)
M	72.000	% Moisture (not decanted)

ISTD	RT	AREA	AMOUNT
* 18 Bromochloromethane	5.788	710005	50.000
* 42 Chlorobenzene-d5	10.525	1335457	50.000

	RT	AREA	CONCENTRATIONS ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Unknown						CAS #:		
	3.134	150054	10.5671087	36	0		0	18
Dimethyl sulfide						CAS #: 75-18-3		
	3.729	155709	10.9653453	38	86	NIST98.L	326	18

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9602.D
Report Date: 01-Sep-2005 11:05

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Cyclotetrasiloxane, octamethyl-				CAS #: 556-67-2			
12.261	545902	20.4387711	70	91	NIST98.L	115616	42

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9602.D

Date : 18-AUG-2005 17:36

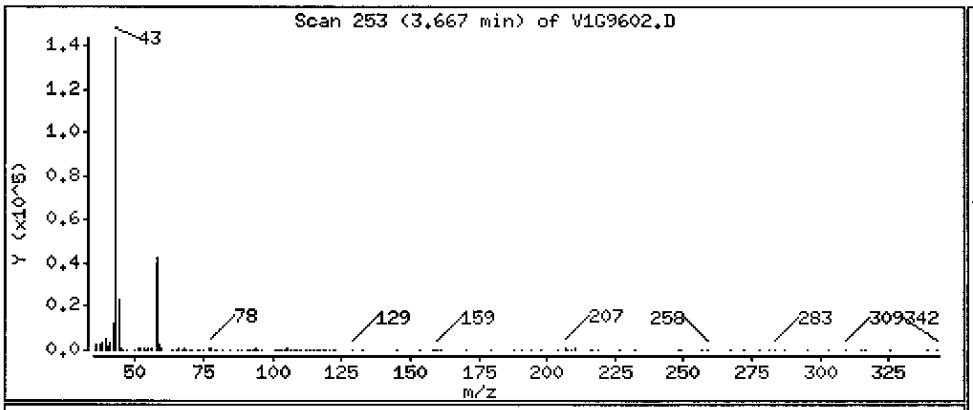
Client ID: SD01-S-0 Instrument: V1.i

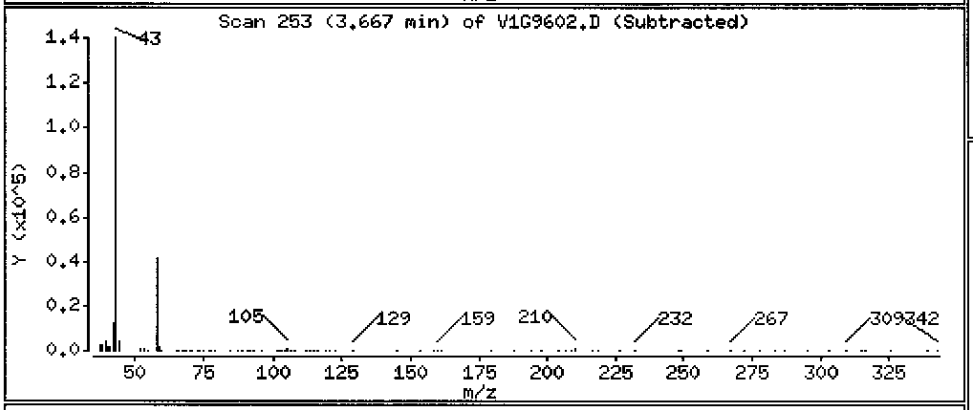
Sample Info: ,D0926-05C,,19555,

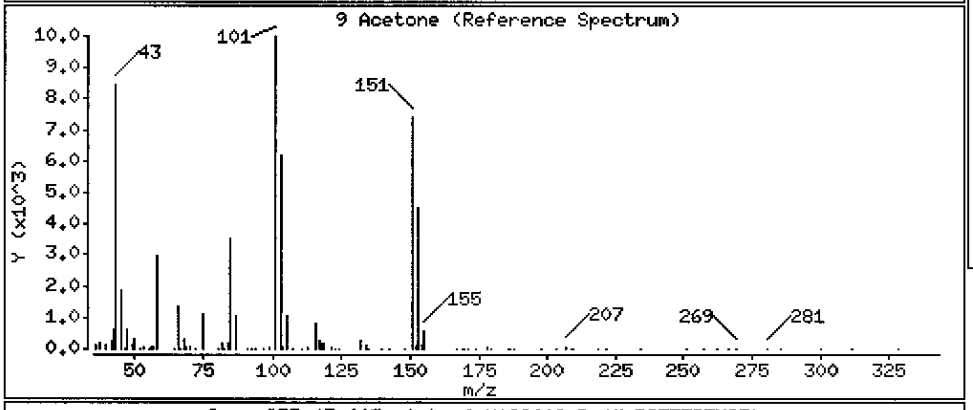
Operator: LG SRC: LIMS

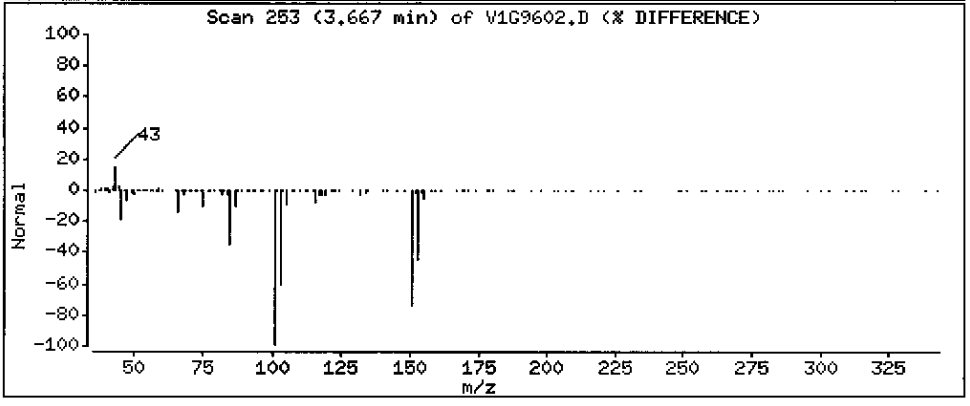
Column phase: DB-624 Column diameter: 0.25

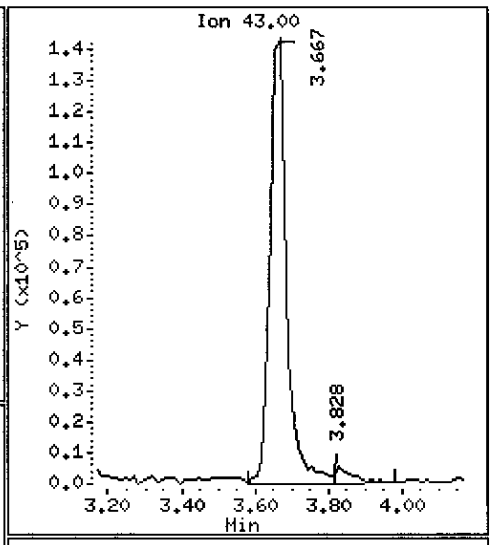
9 Acetone Concentration: 570 ug/Kg

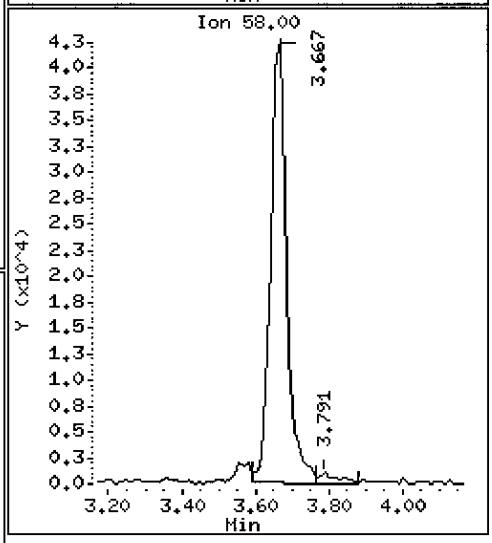












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9602.D

Date : 18-AUG-2005 17:36

Client ID: SD01-S-O

Instrument: V1.i

Sample Info: ,D0926-05C,,19555,

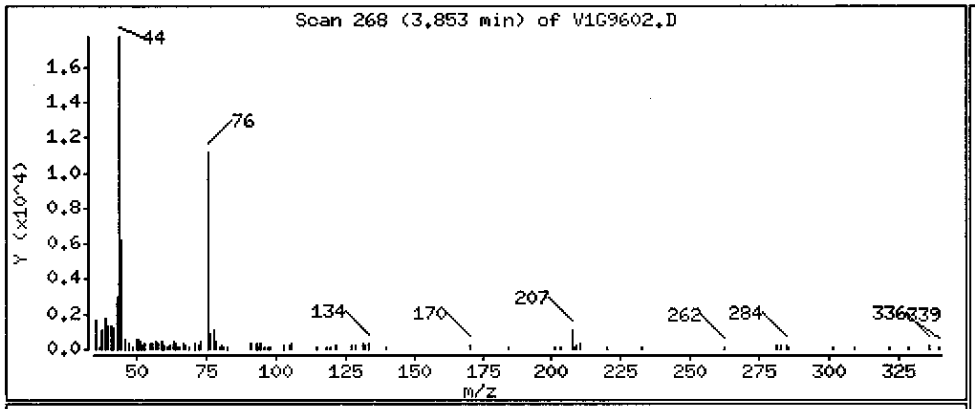
Operator: LG SRC: LIMS

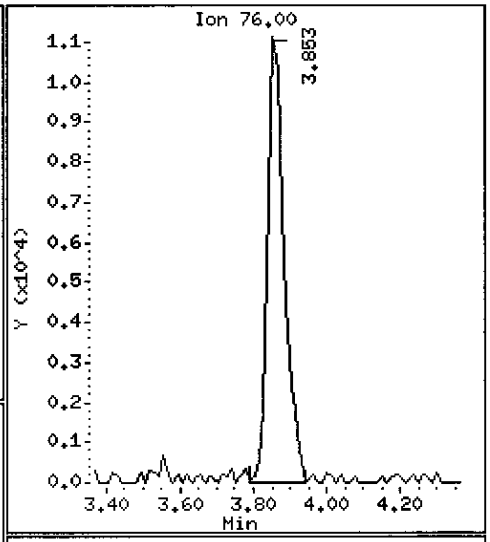
Column phase: DB-624

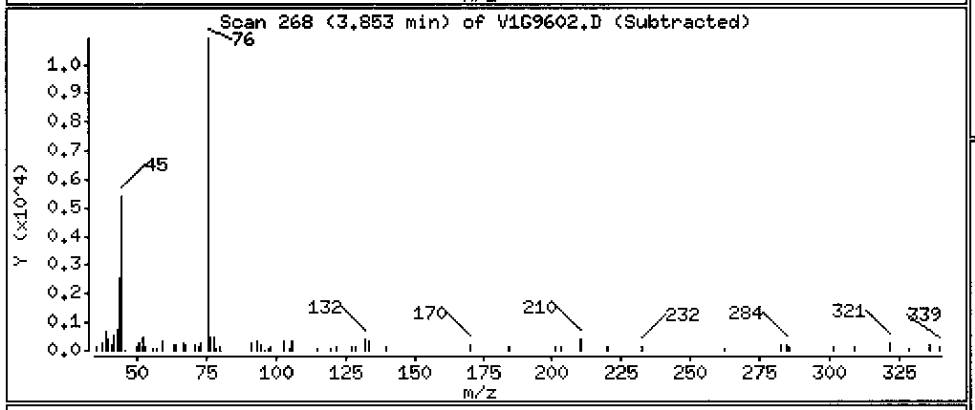
Column diameter: 0.25

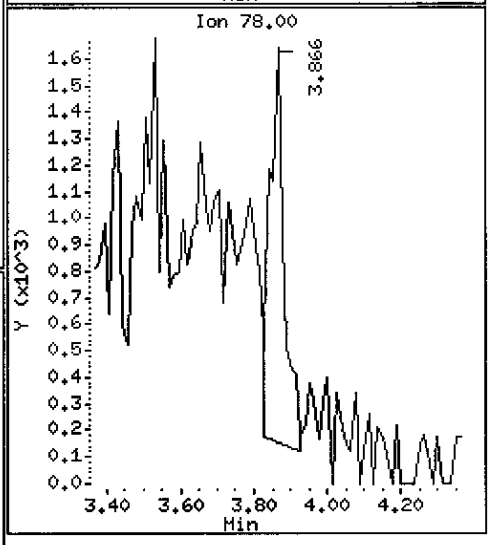
10 Carbon Disulfide

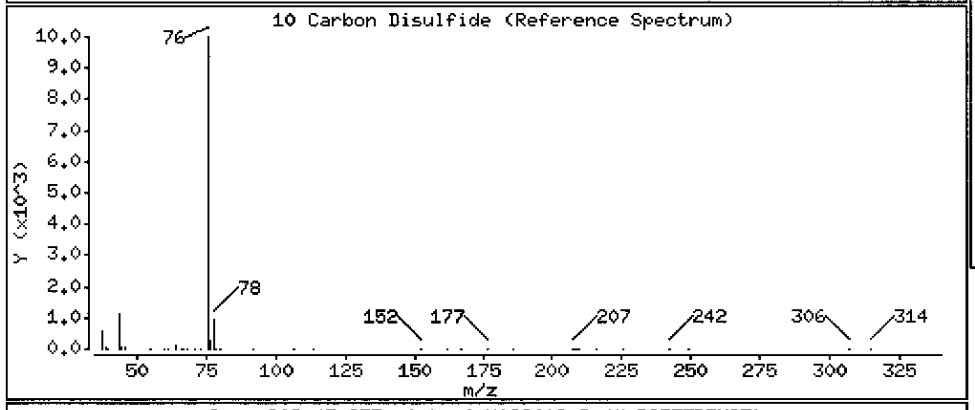
Concentration: 9 ug/Kg

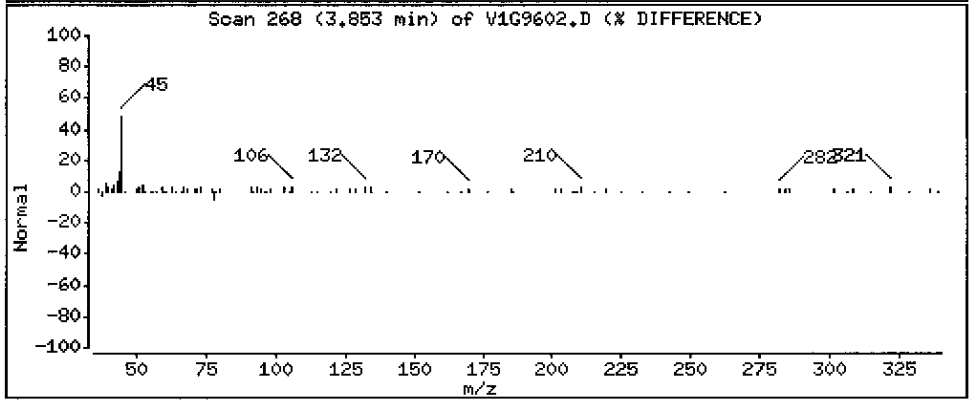












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9602.D

Date : 18-AUG-2005 17:36

Client ID: SD01-S-0

Instrument: V1.i

Sample Info: ,D0926-05C,,19555,

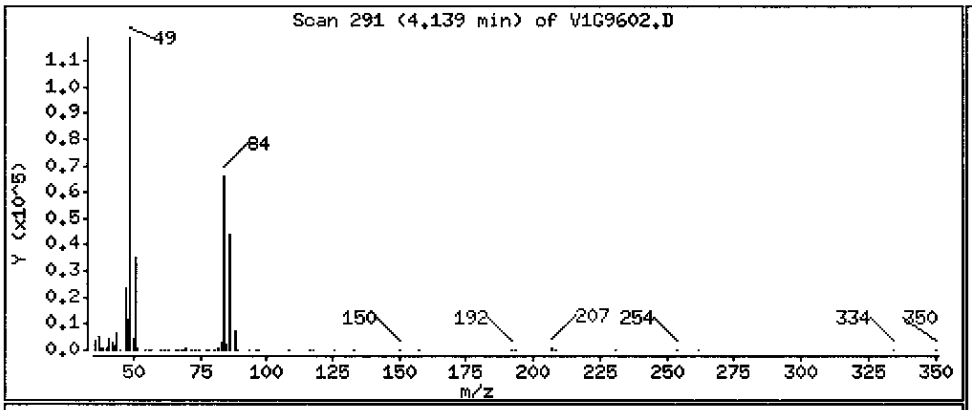
Operator: LG SRC: LIMS

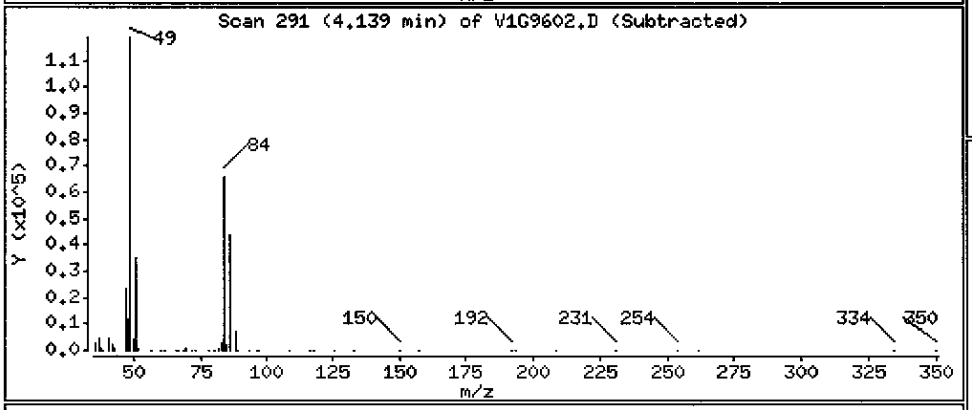
Column phase: DB-624

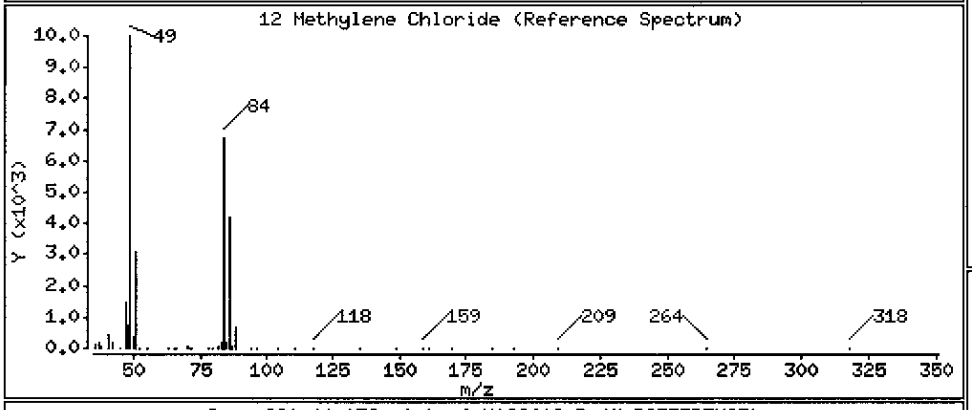
Column diameter: 0.25

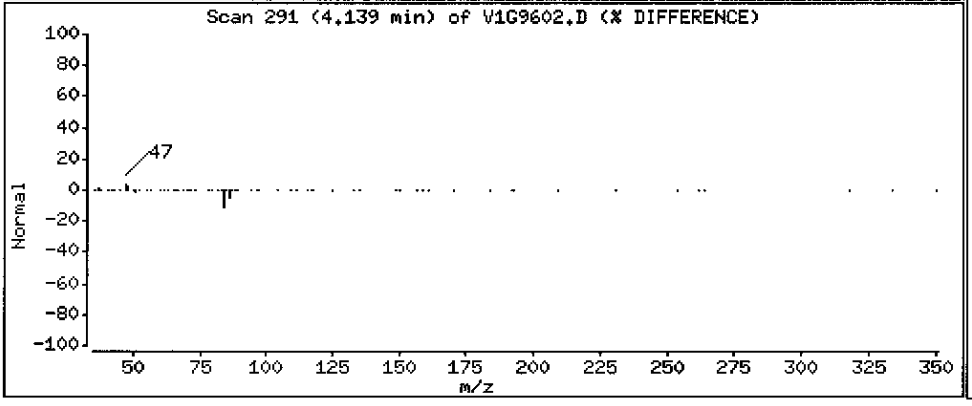
12 Methylene Chloride

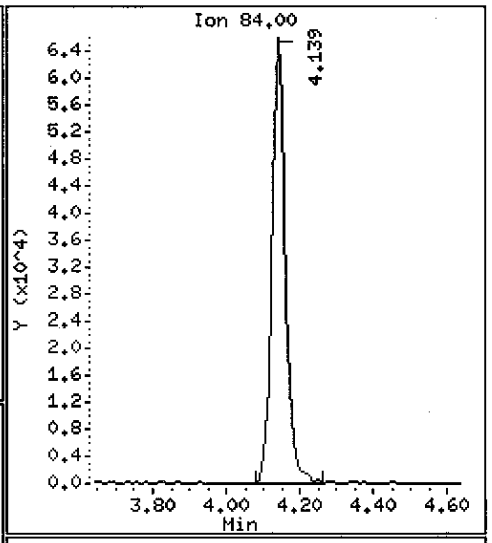
Concentration: 150 ug/Kg

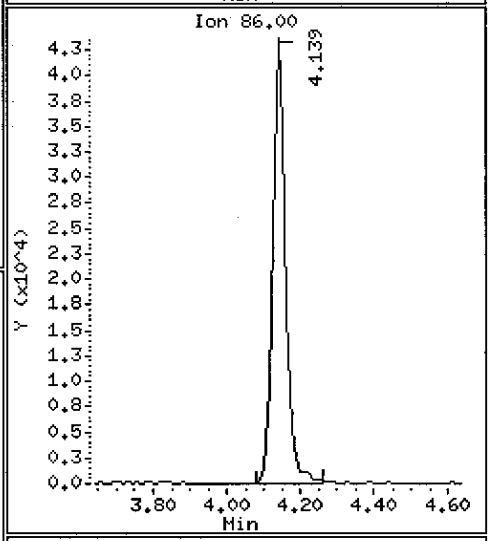


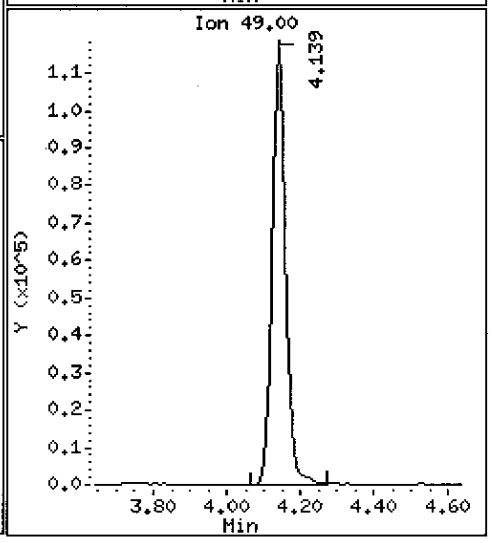












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9602.D

Date : 18-AUG-2005 17:36

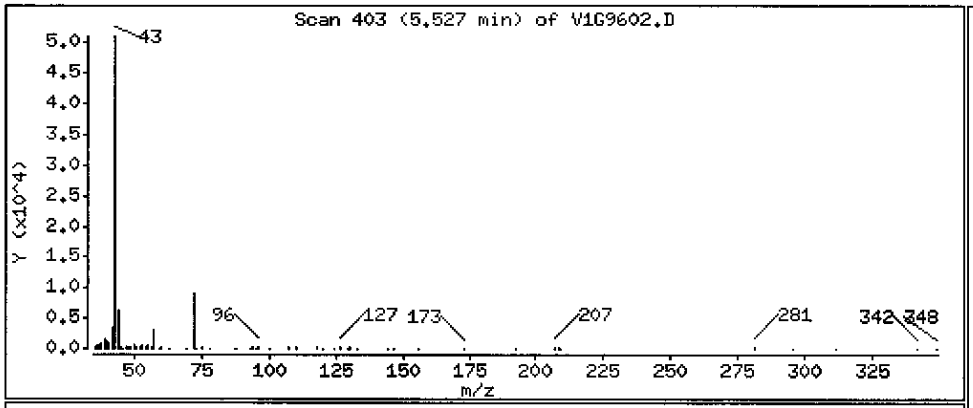
Client ID: SD01-S-0 Instrument: V1.i

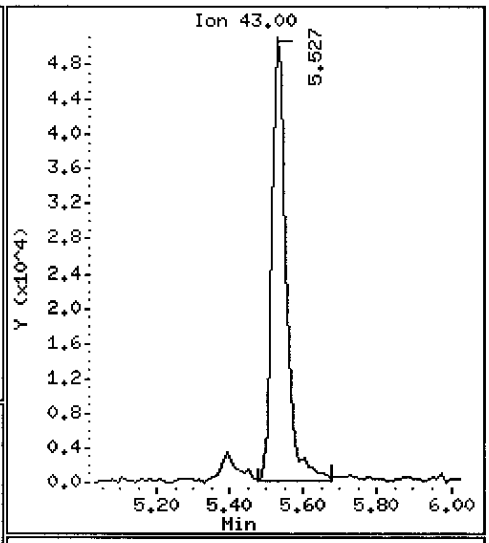
Sample Info: ,D0926-05C,,19555,

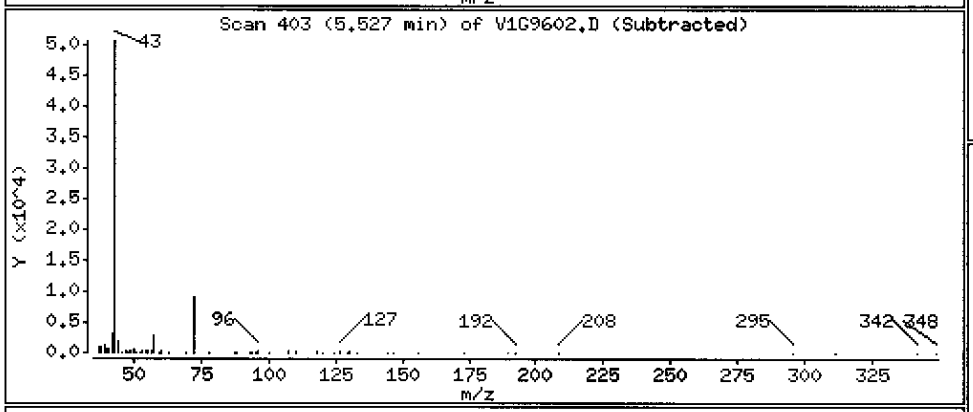
Operator: LG SRC: LIMS

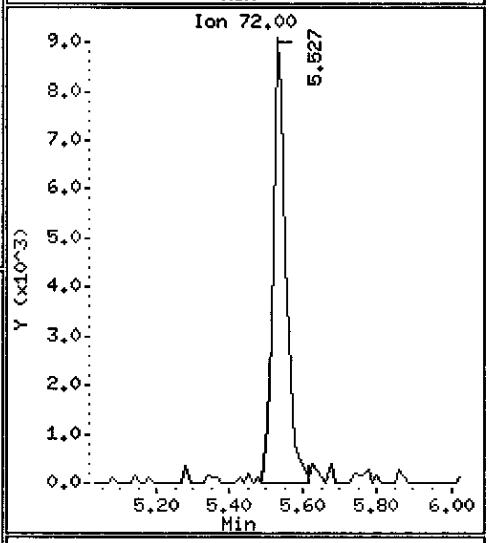
Column phase: DB-624 Column diameter: 0.25

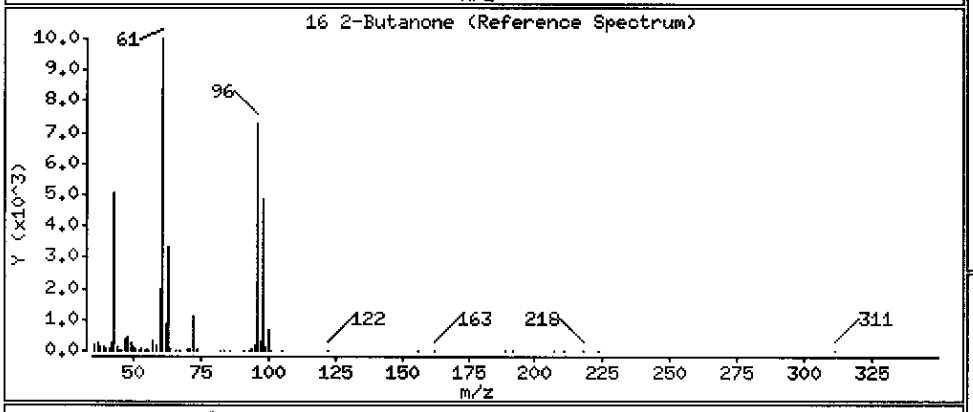
16 2-Butanone Concentration: 150 ug/Kg

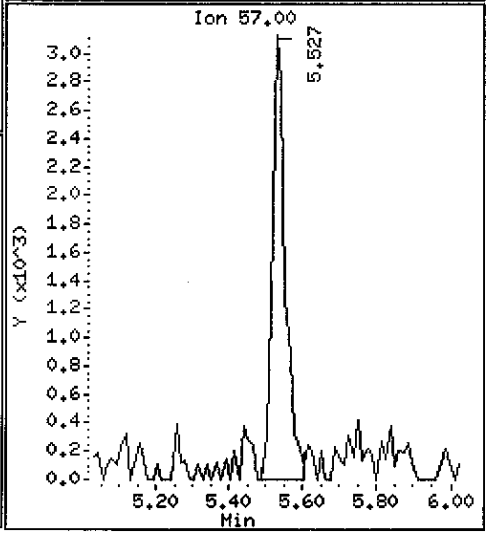


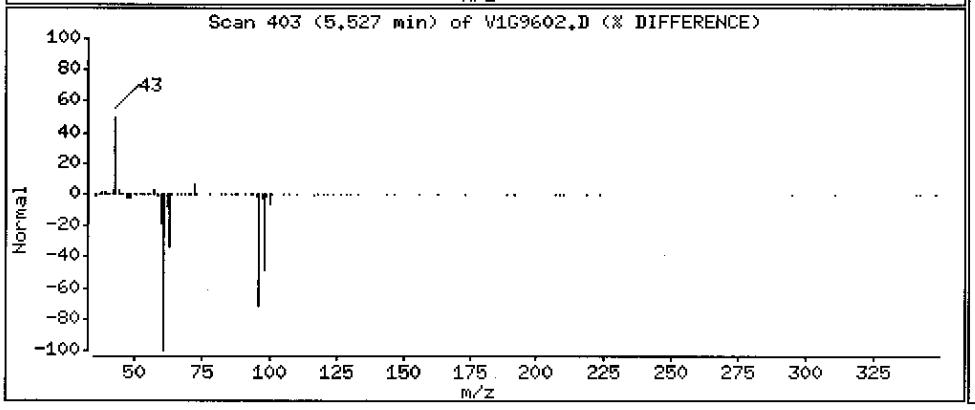












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Date : 18-AUG-2005 17:36

Client ID: SD01-S-0

Instrument: V1.i

Sample Info: ,D0926-05C,,19555,

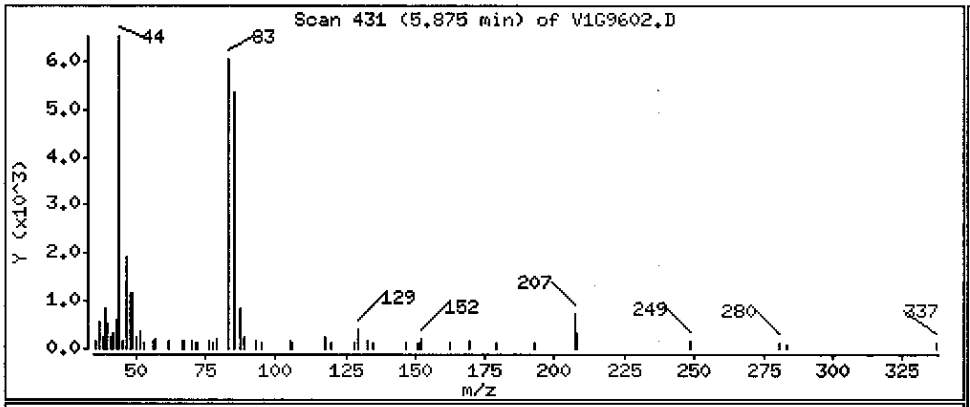
Operator: LG SRC: LIMS

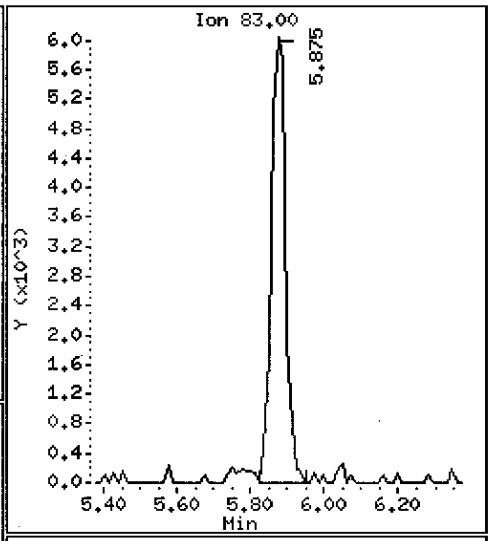
Column phase: DB-624

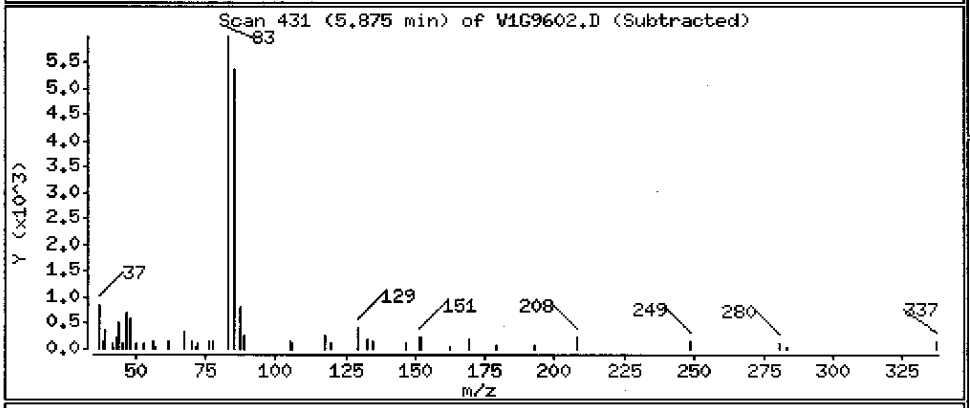
Column diameter: 0.25

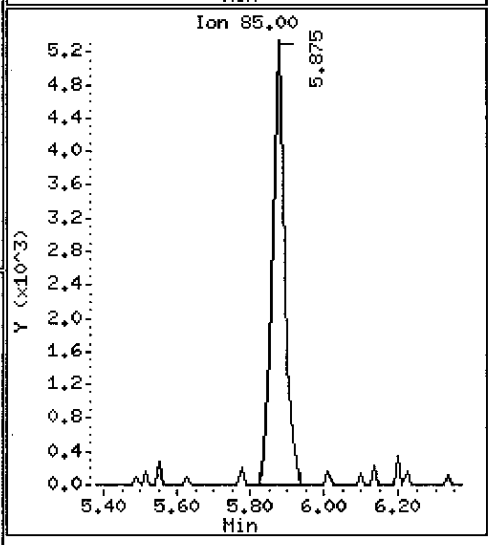
19 Chloroform

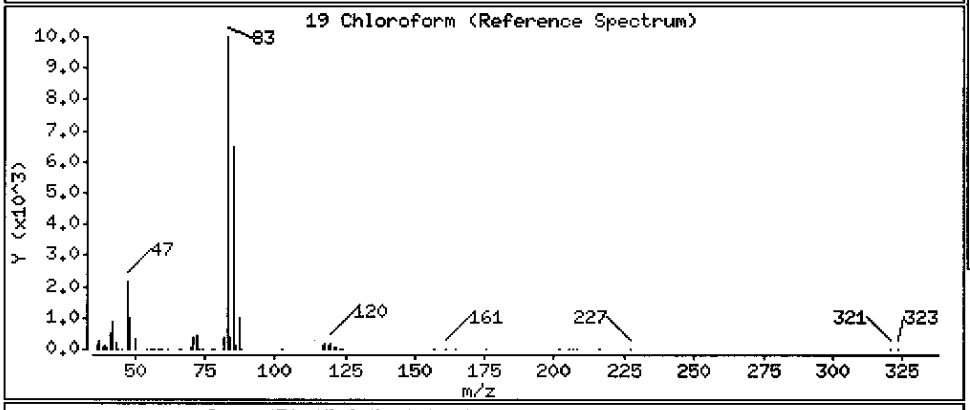
Concentration: 8 ug/Kg

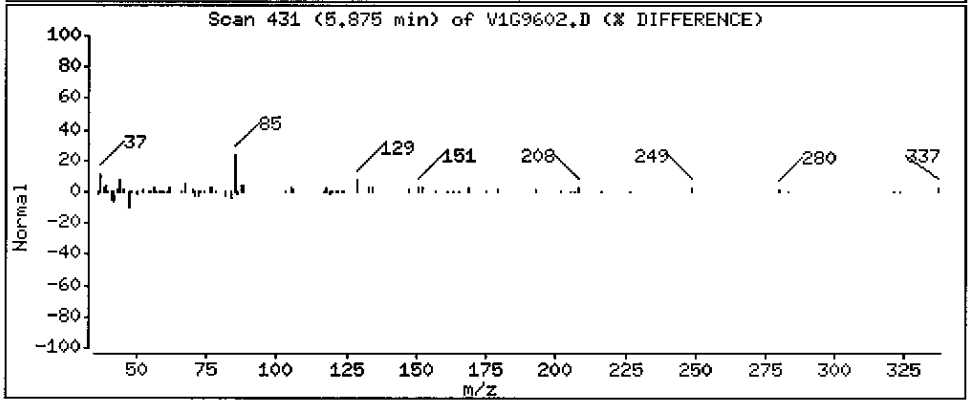












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9602.D

Date : 18-AUG-2005 17:36

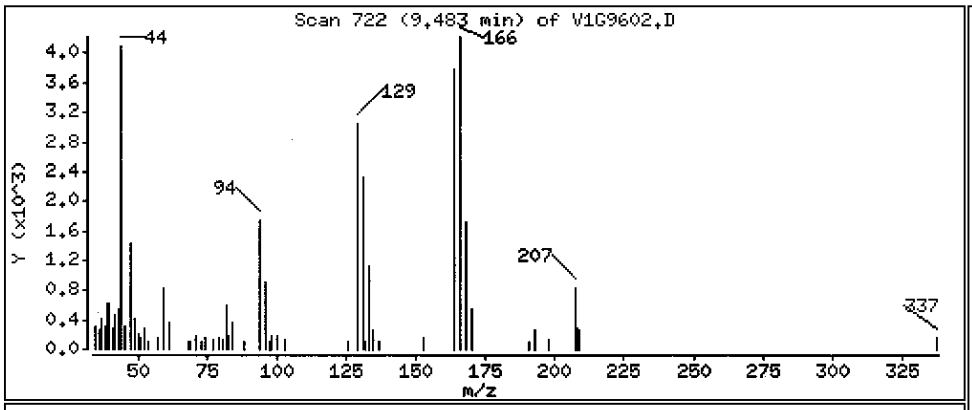
Client ID: SD01-S-0 Instrument: V1.i

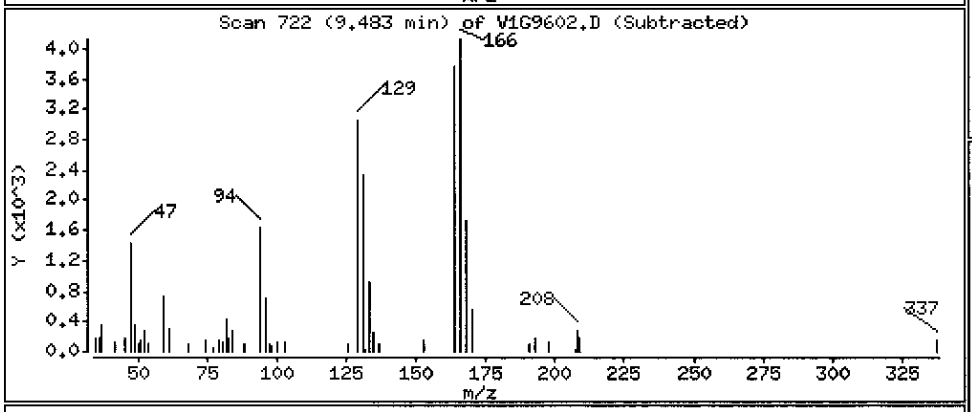
Sample Info: ,D0926-05C,,19555,

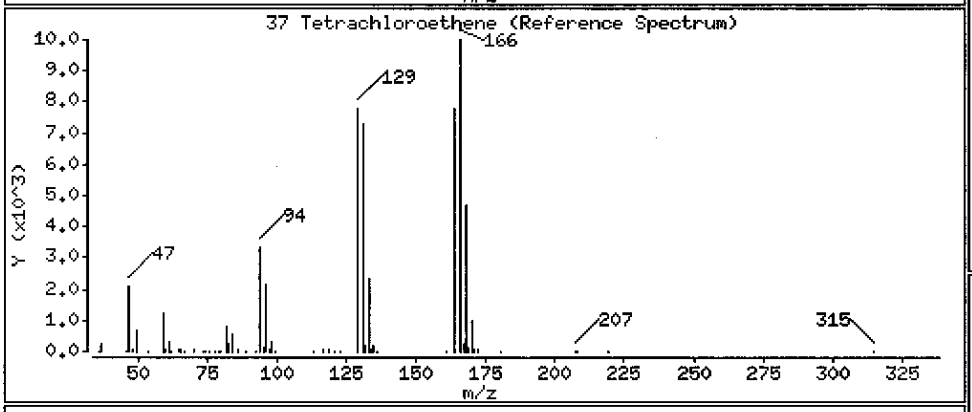
Operator: LG SRC: LIMS

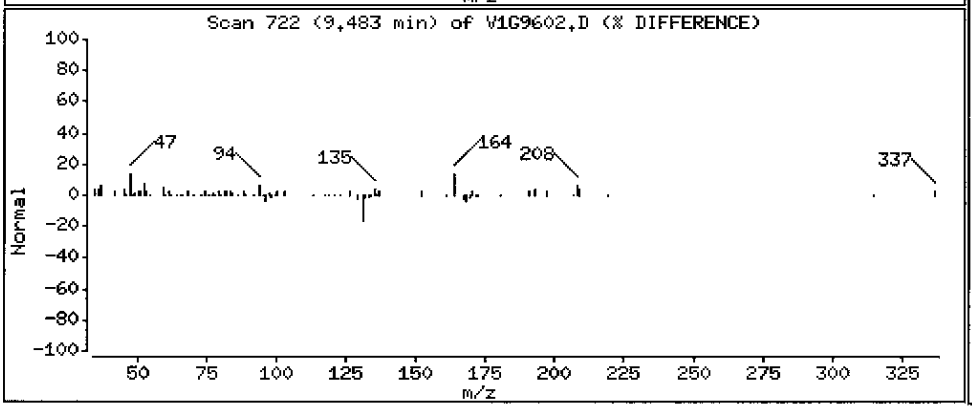
Column phase: DB-624 Column diameter: 0.25

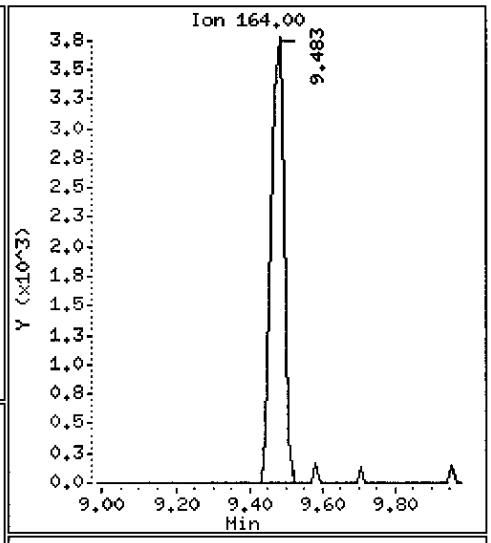
37 Tetrachloroethene Concentration: 12 ug/Kg

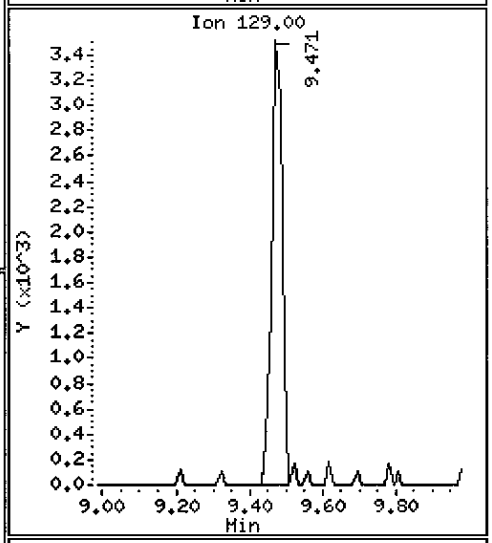


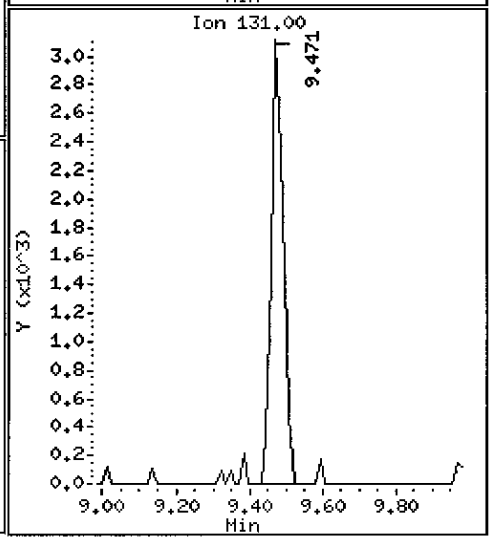












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Date : 18-AUG-2005 17:36

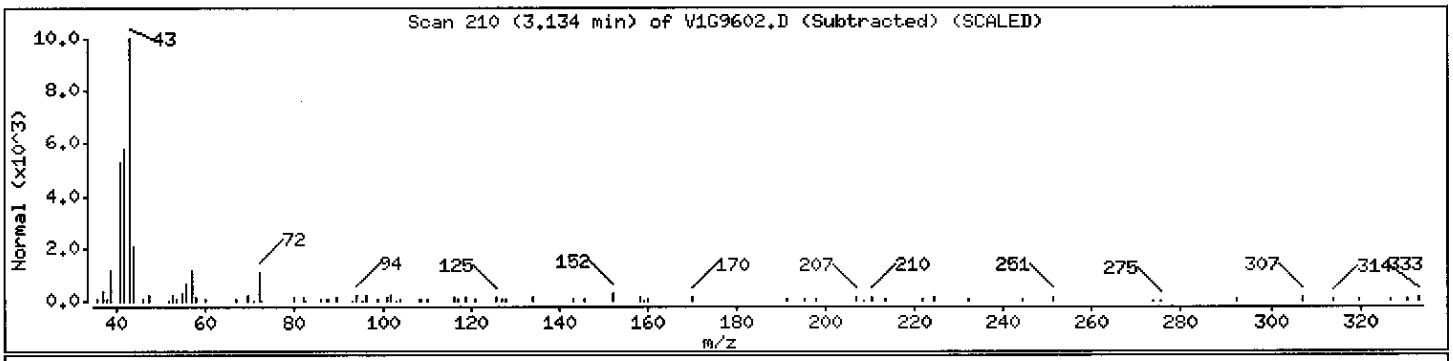
Client ID: SD01-S-0 Instrument: V1.i

Sample Info: ,D0926-05C,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 18-AUG-2005 17:36

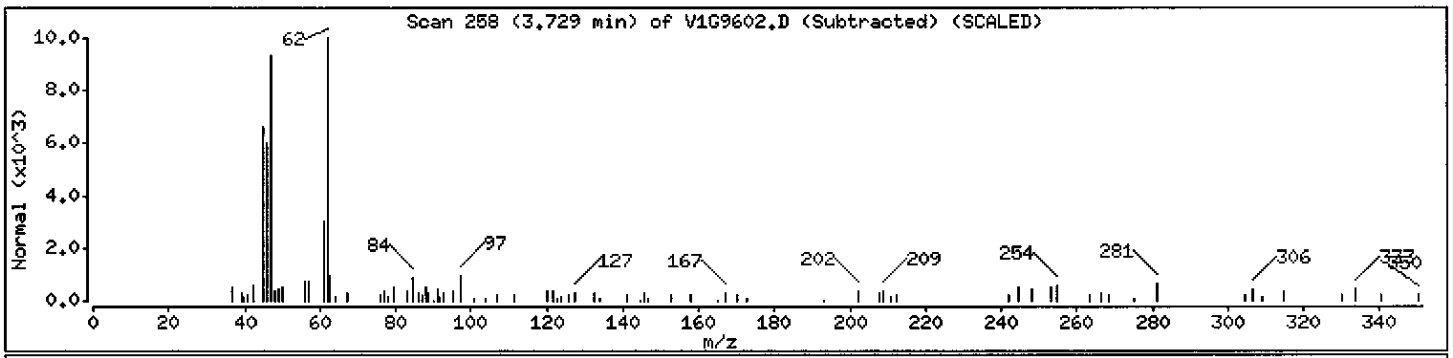
Client ID: SD01-S-0 Instrument: V1.i

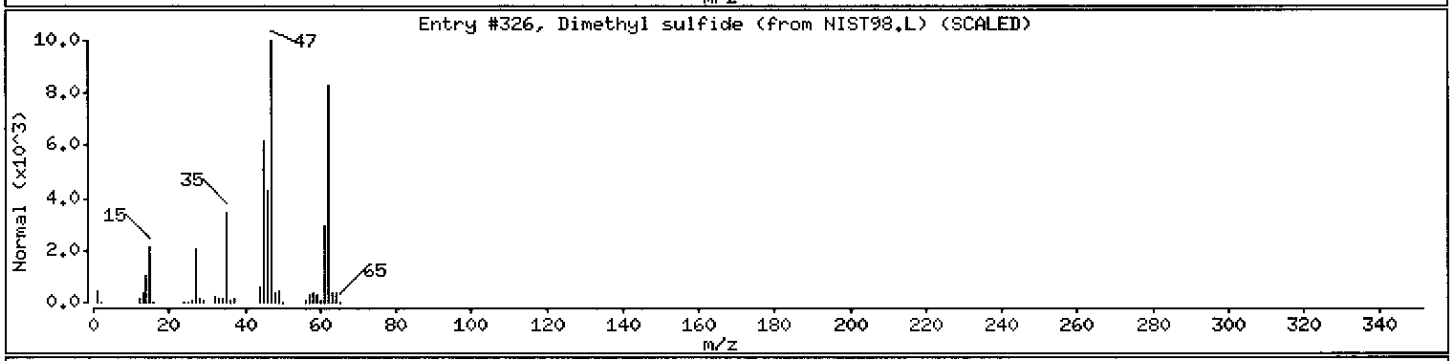
Sample Info: ,D0926-05C,,19555,

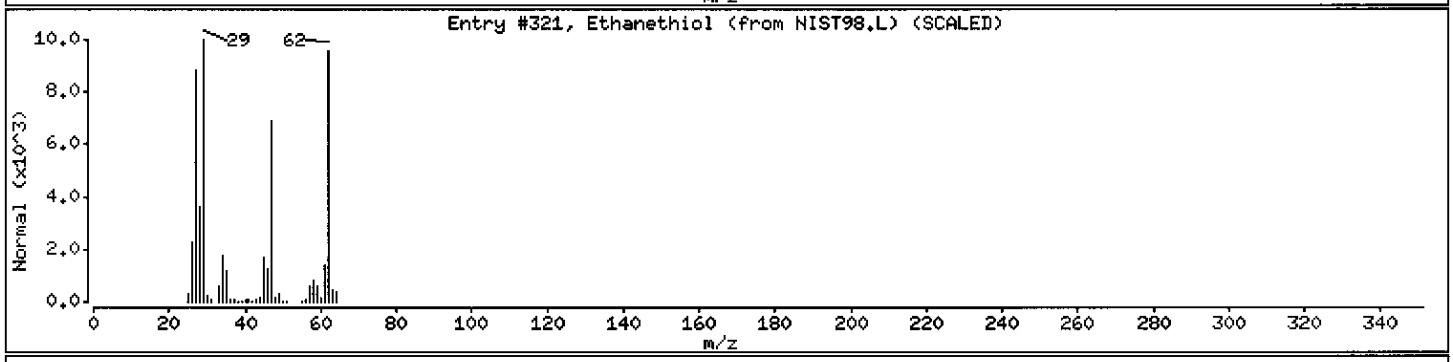
Operator: LG SRC: LIMS

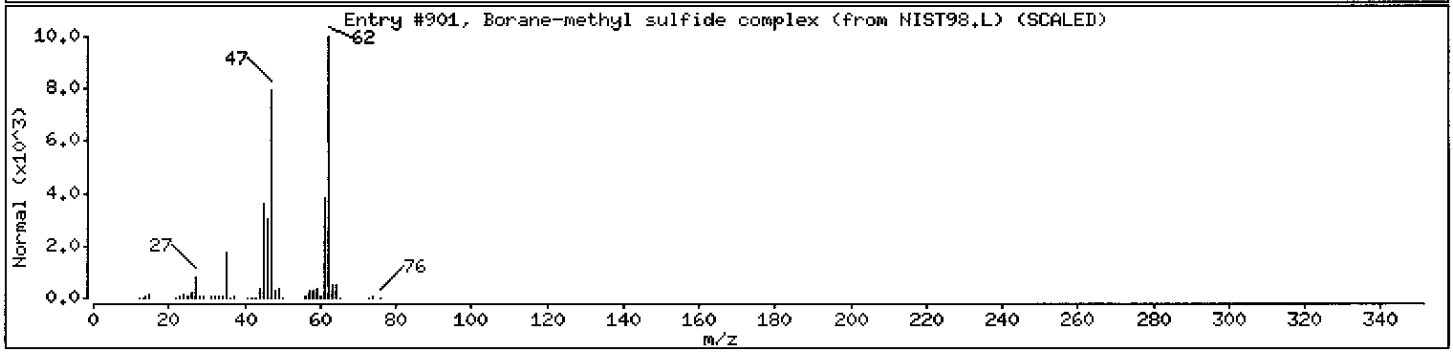
Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethyl sulfide	75-18-3	NIST98.L	326	86	C2H6S	62
Ethanethiol	75-08-1	NIST98.L	321	80	C2H6S	62
Borane-methyl sulfide complex	13292-87-0	NIST98.L	901	72	C2H9BS	76









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Date : 18-AUG-2005 17:36

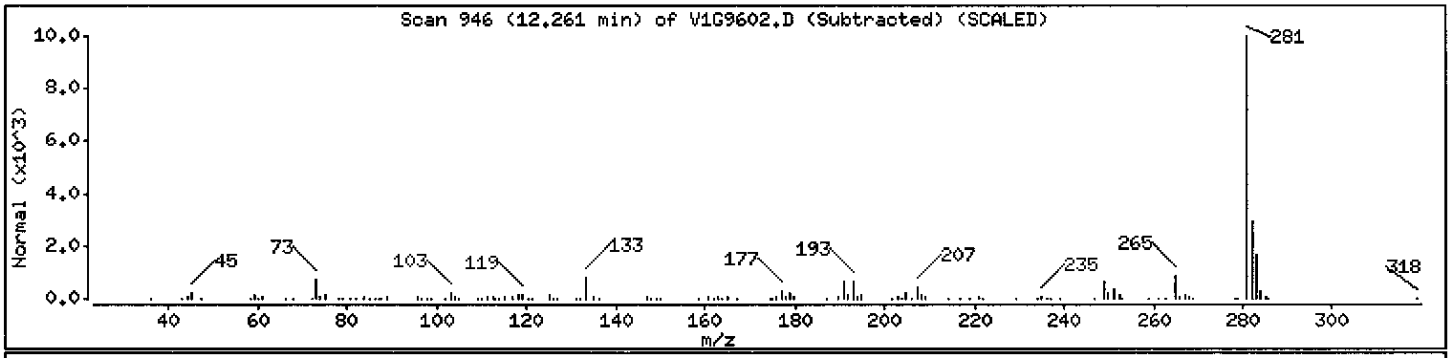
Client ID: SD01-S-0 Instrument: V1.i

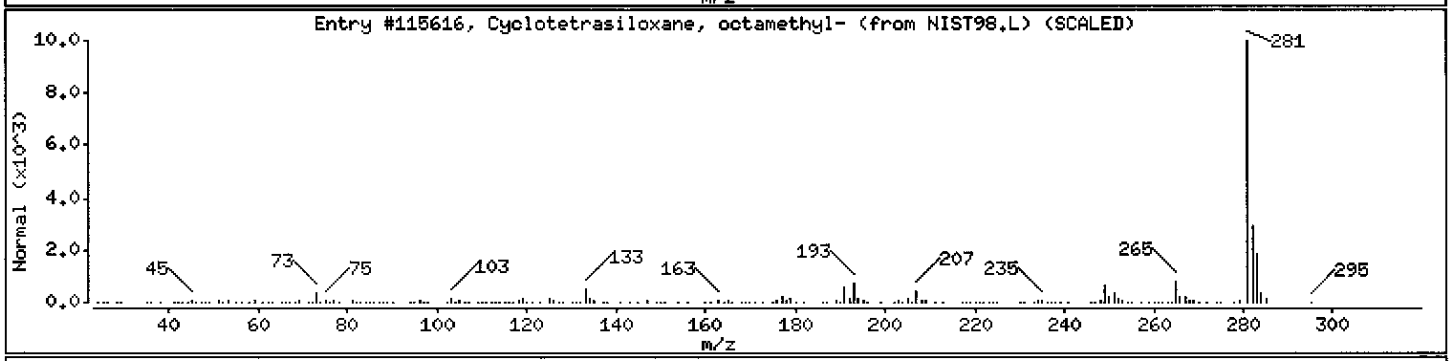
Sample Info: ,D0926-05C,,19555,

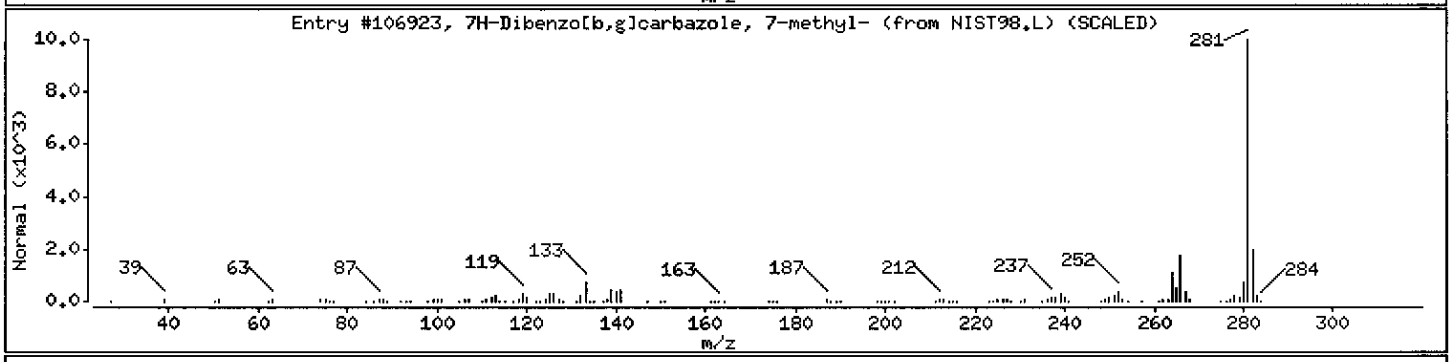
Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST98.L	115616	91	C8H24O4Si4	296
7H-Dibenzo[b,g]carbazole, 7-methyl-	3557-49-1	NIST98.L	106923	72	C21H15N	281







VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD01-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-05CRE

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1G9643

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 72 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	34	U
74-87-3	Chloromethane	34	U
75-01-4	Vinyl Chloride	34	U
74-83-9	Bromomethane	34	U
75-00-3	Chloroethane	34	U
75-69-4	Trichlorofluoromethane	34	U
75-35-4	1,1-Dichloroethene	34	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	34	U
67-64-1	Acetone	1100	E
75-15-0	Carbon Disulfide	13	J
79-20-9	Methyl Acetate	34	U
75-09-2	Methylene Chloride	130	
156-60-5	trans-1,2-Dichloroethene	34	U
1634-04-4	Methyl tert-Butyl Ether	34	U
75-34-3	1,1-Dichloroethane	34	U
156-59-2	cis-1,2-Dichloroethene	34	U
78-93-3	2-Butanone	310	
67-66-3	Chloroform	5	JB
71-55-6	1,1,1-Trichloroethane	34	U
110-82-7	Cyclohexane	34	U
56-23-5	Carbon Tetrachloride	34	U
71-43-2	Benzene	34	U
107-06-2	1,2-Dichloroethane	34	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD01-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-05CRE

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1G9643

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 72 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	34	U
108-87-2	Methylcyclohexane	34	U
78-87-5	1,2-Dichloropropane	34	U
75-27-4	Bromodichloromethane	34	U
10061-01-5	cis-1,3-Dichloropropene	34	U
108-10-1	4-Methyl-2-Pentanone	34	U
108-88-3	Toluene	34	U
10061-02-6	trans-1,3-Dichloropropene	34	U
79-00-5	1,1,2-Trichloroethane	34	U
127-18-4	Tetrachloroethene	34	U
591-78-6	2-Hexanone	34	U
124-48-1	Dibromochloromethane	34	U
106-93-4	1,2-Dibromoethane	34	U
108-90-7	Chlorobenzene	34	U
100-41-4	Ethylbenzene	34	U
1330-20-7	Xylene (Total)	34	U
100-42-5	Styrene	34	U
75-25-2	Bromoform	34	U
98-82-8	Isopropylbenzene	34	U
79-34-5	1,1,2,2-Tetrachloroethane	34	U
541-73-1	1,3-Dichlorobenzene	34	U
106-46-7	1,4-Dichlorobenzene	34	U
95-50-1	1,2-Dichlorobenzene	34	U
96-12-8	1,2-Dibromo-3-chloropropane	34	U
120-82-1	1,2,4-Trichlorobenzene	34	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD01-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-05CRE

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1G9643

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 72 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.73	47	J
2.		UNKNOWN	12.26	28	J
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
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21.					
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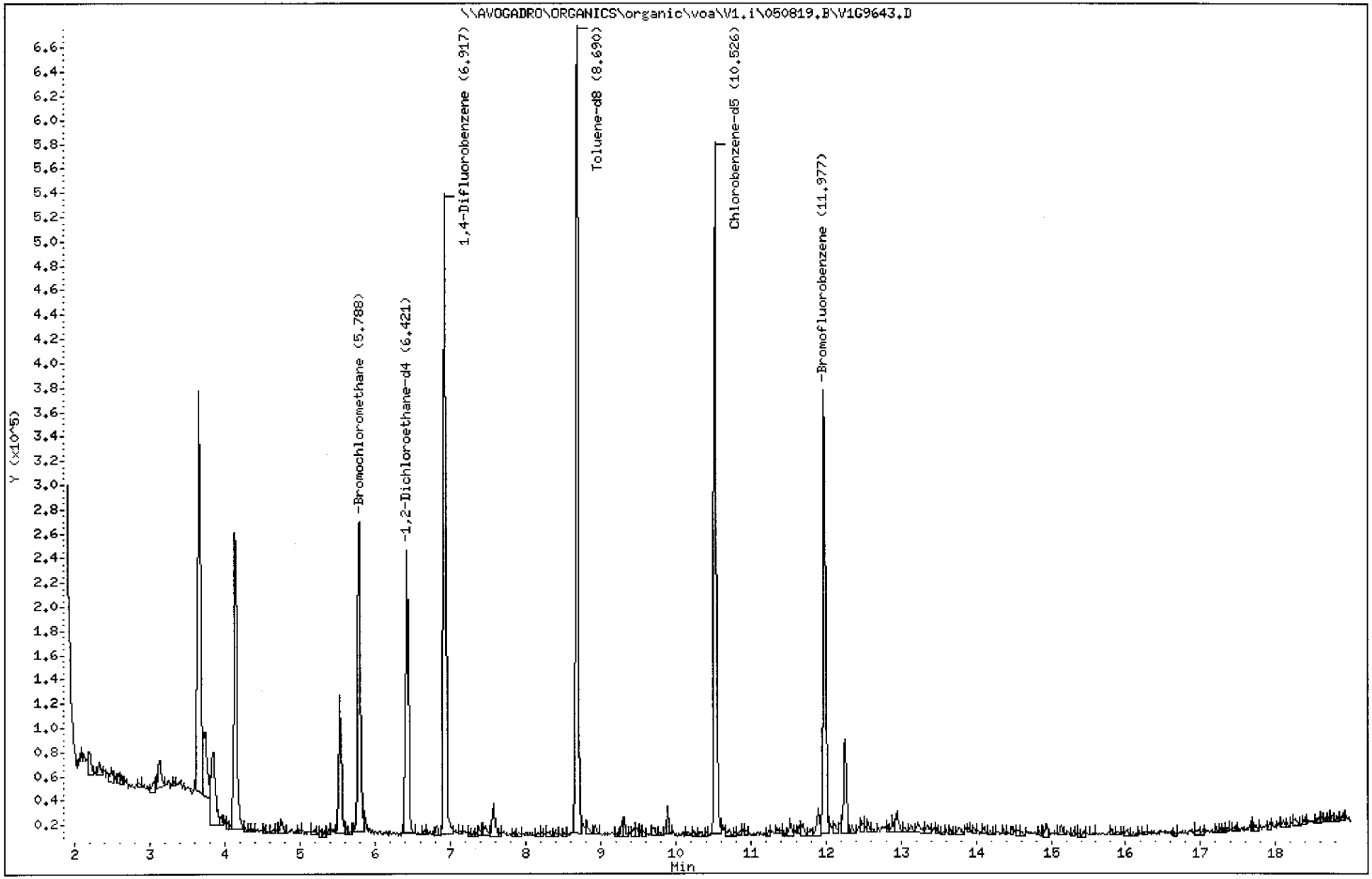
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9643.D
Date : 19-AUG-2005 17:59
Client ID: SD01-S-ORE
Instrument: V1.i
Sample Info: ,D0926-05CRE,,19568,
Operator: LC SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



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Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9643.D
Report Date: 24-Aug-2005 14:54

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9643.D
Lab Smp Id: D0926-05CRE Client Smp ID: SD01-S-ORE
Inj Date : 19-AUG-2005 17:59
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-05CRE,,19568,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\v1clp4h.m
Meth Date : 23-Aug-2005 13:46 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 10:26 Cal File: V1G9631.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.200	Weight of sample (g)
M	72.000	% Moisture (not decanted)

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
	9	Acetone	43	3.656	3.668	(0.632)	637168	324.801	1100(A)
	10	Carbon Disulfide	76	3.854	3.866	(0.666)	42208	3.69179	13(a)
	12	Methylene Chloride	84	4.127	4.152	(0.713)	143508	38.4457	130
	16	2-Butanone	43	5.528	5.540	(0.955)	203186	90.1760	310
*	18	Bromochloromethane	128	5.789	5.801	(1.000)	83264	50.0000	
	19	Chloroform	83	5.875	5.888	(1.015)	9250	1.56995	5(a)
$	23	1,2-Dichloroethane-d4	65	6.421	6.433	(1.109)	201920	51.9789	180
*	26	1,4-Difluorobenzene	114	6.917	6.942	(1.000)	507047	50.0000	
$	33	Toluene-d8	98	8.690	8.703	(0.826)	523643	55.9548	190
*	42	Chlorobenzene-d5	117	10.526	10.526	(1.000)	355256	50.0000	
$	50	Bromofluorobenzene	95	11.977	11.989	(1.138)	145034	37.0626	130

SB 8/24/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9643.D
Report Date: 24-Aug-2005 14:54

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9643.D
Report Date: 24-Aug-2005 14:54

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9643.D
Lab Smp Id: D0926-05CRE Client Smp ID: SD01-S-ORE
Inj Date : 19-AUG-2005 17:59
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-05CRE,,19568,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\v1clp4h.m
Meth Date : 23-Aug-2005 13:46 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 10:26 Cal File: V1G9631.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.200	Weight of sample (g)
M	72.000	% Moisture (not decanted)

ISTD	RT	AREA	AMOUNT
* 18 Bromochloromethane	5.788	690213	50.000
* 42 Chlorobenzene-d5	10.526	1205434	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
3.730	187596	13.5897180	47	0		0	18
Unknown				CAS #:			
12.262	193945	8.04461298	28	0		0	42

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9643.D

Date : 19-AUG-2005 17:59

Client ID: SD01-S-ORE

Instrument: V1.i

Sample Info: ,D0926-05CRE,,19568,

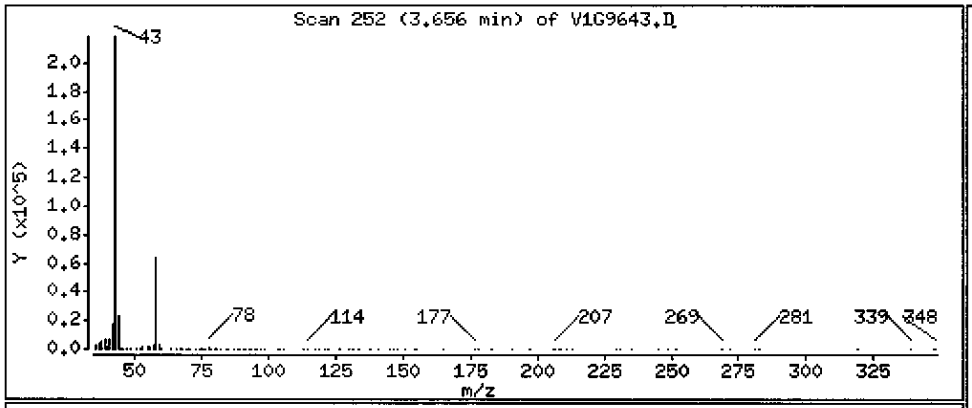
Operator: LG SRC: LIMS

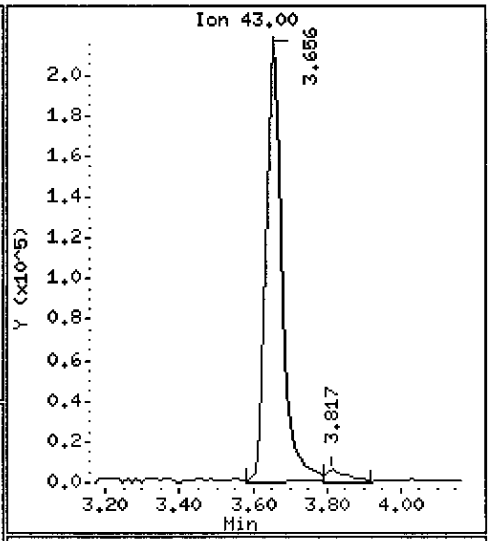
Column phase: DB-624

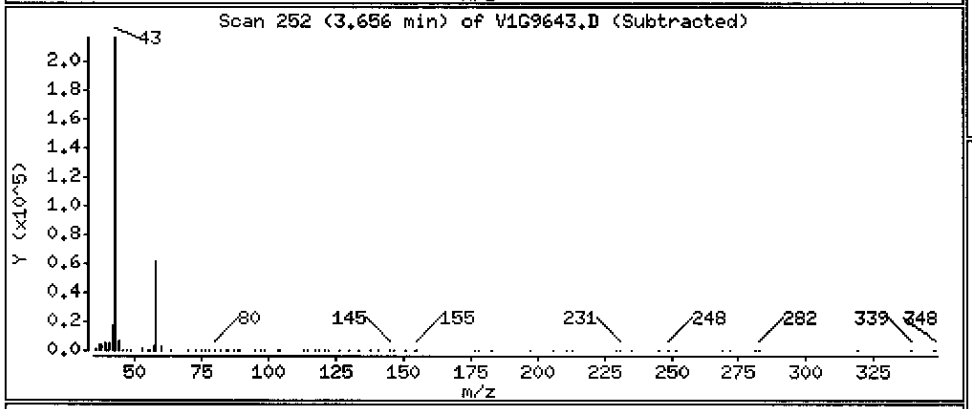
Column diameter: 0.25

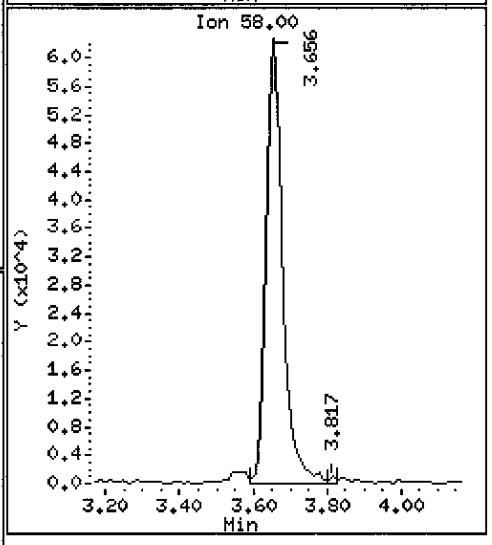
9 Acetone

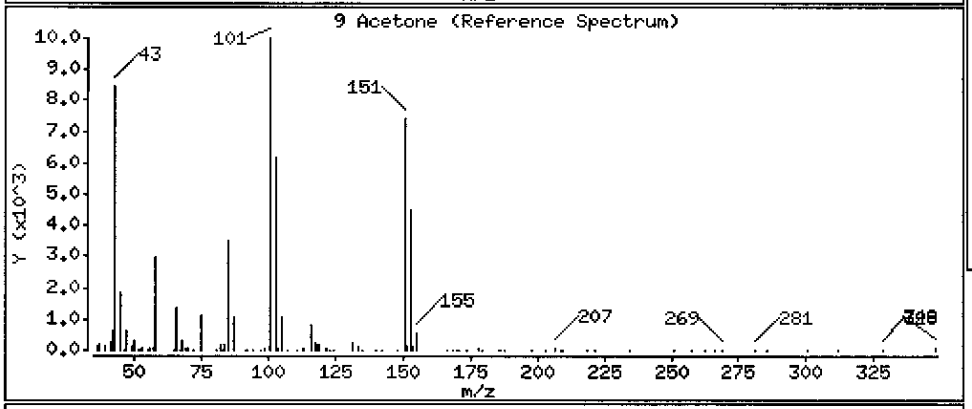
Concentration: 1100 ug/Kg

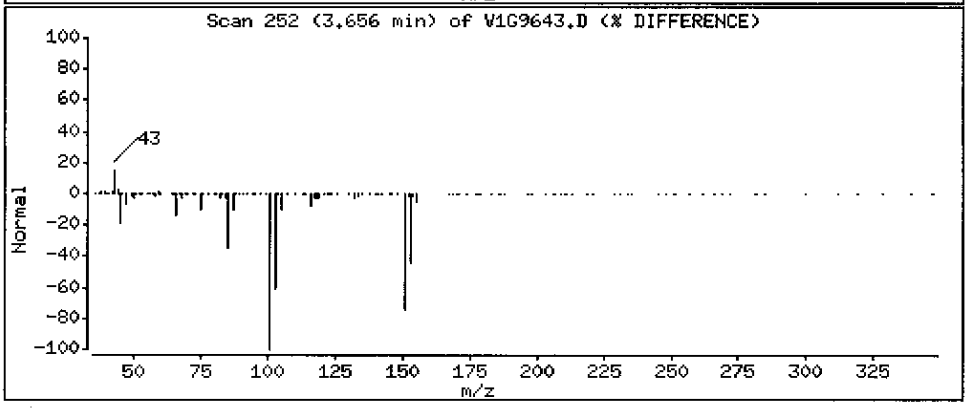












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9643.D

Date : 19-AUG-2005 17:59

Client ID: SD01-S-ORE

Instrument: V1.i

Sample Info: ,D0926-05CRE,,19568,

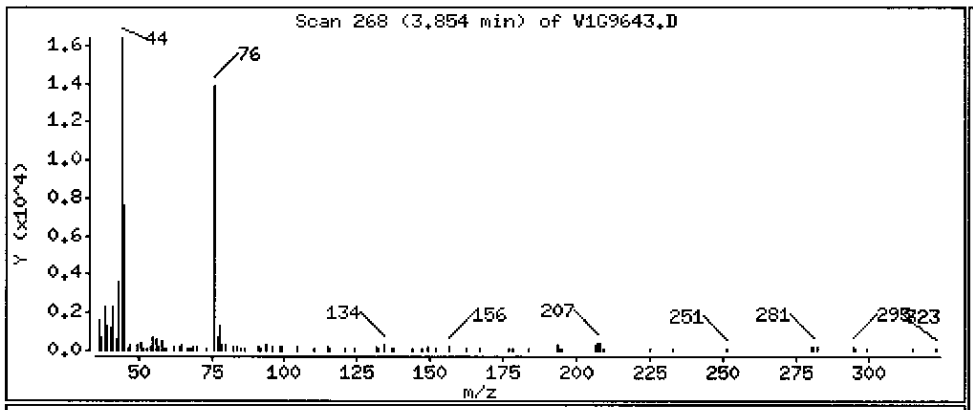
Operator: LG SRC: LIMS

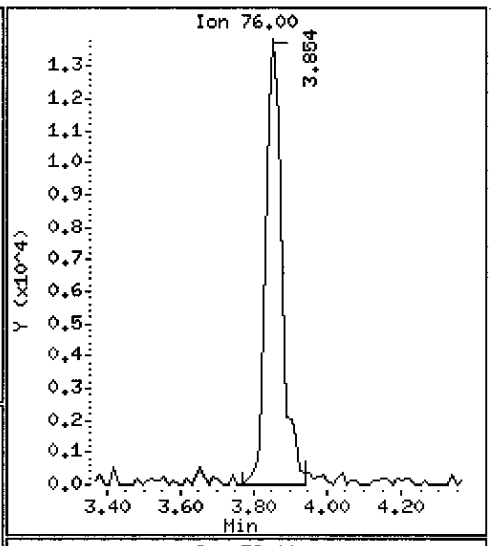
Column phase: DB-624

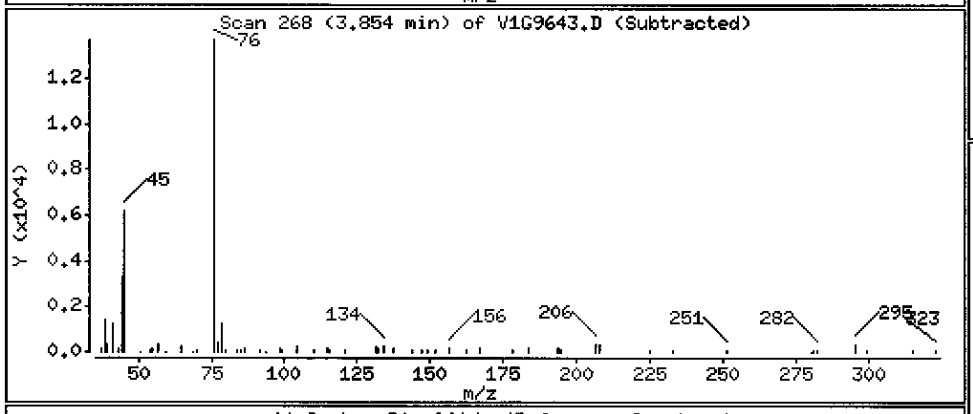
Column diameter: 0.25

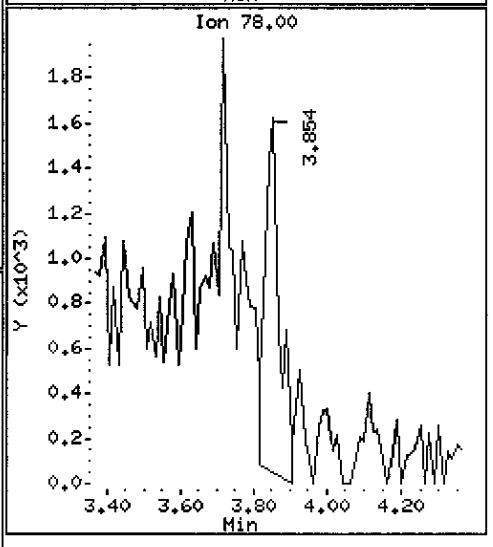
10 Carbon Disulfide

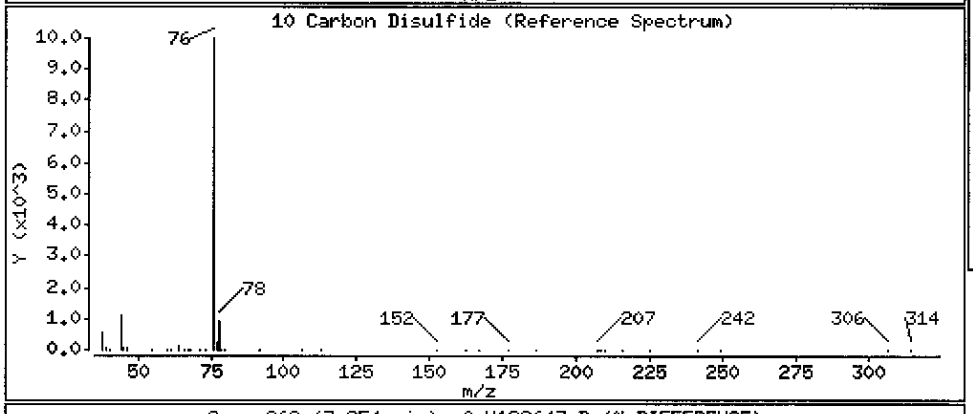
Concentration: 13 ug/Kg

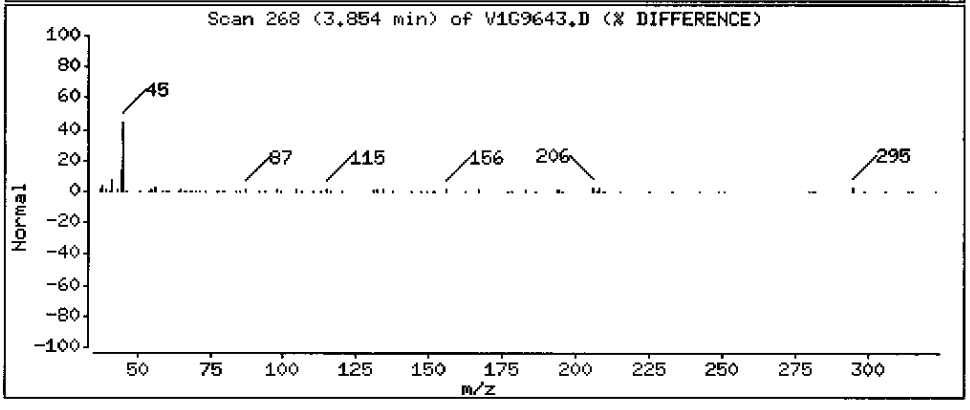












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9643.D

Date : 19-AUG-2005 17:59

Client ID: SD01-S-ORE

Instrument: V1.i

Sample Info: ,D0926-05CRE,,19568,

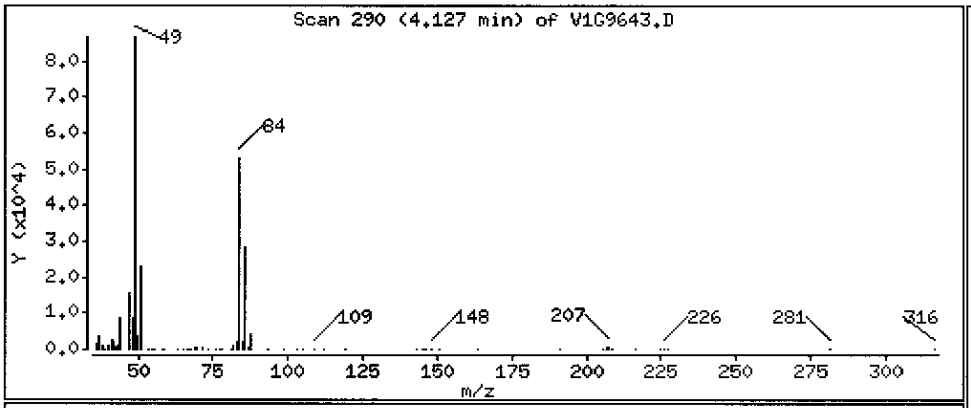
Operator: LG SRC: LIMS

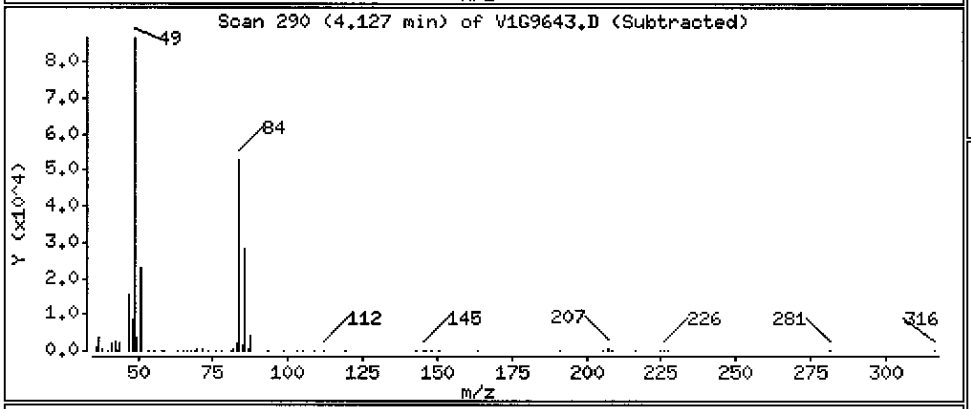
Column phase: DB-624

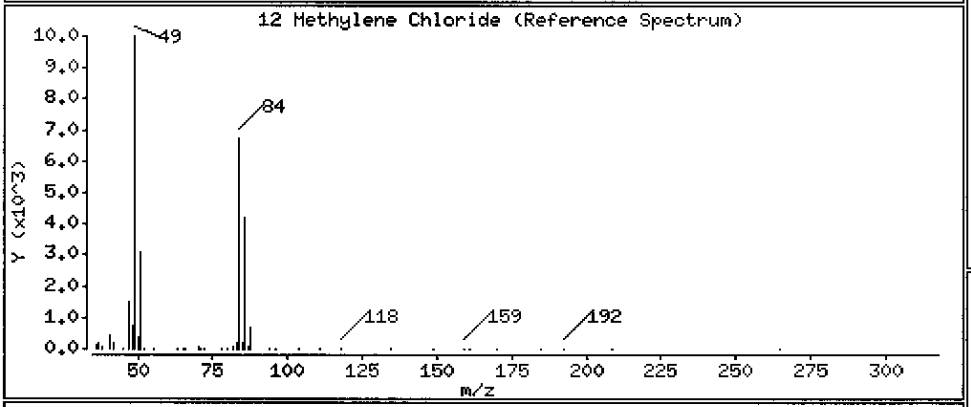
Column diameter: 0.25

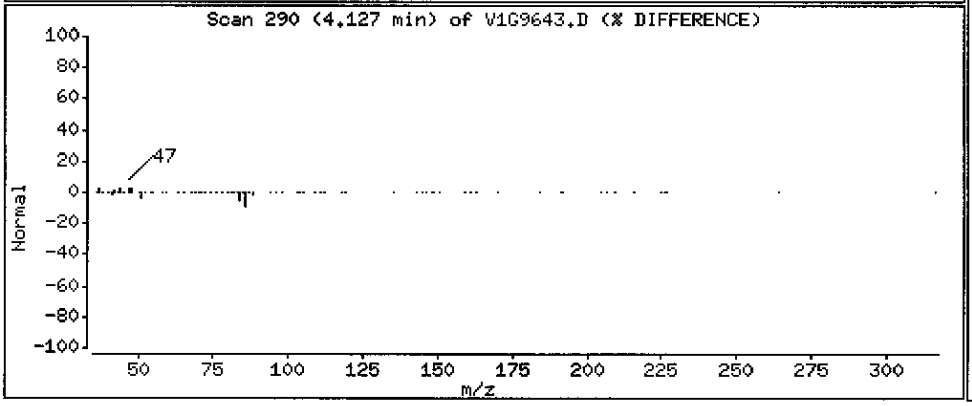
12 Methylene Chloride

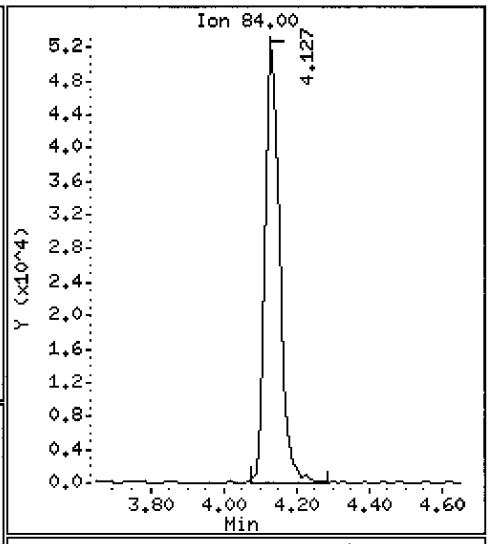
Concentration: 130 ug/Kg

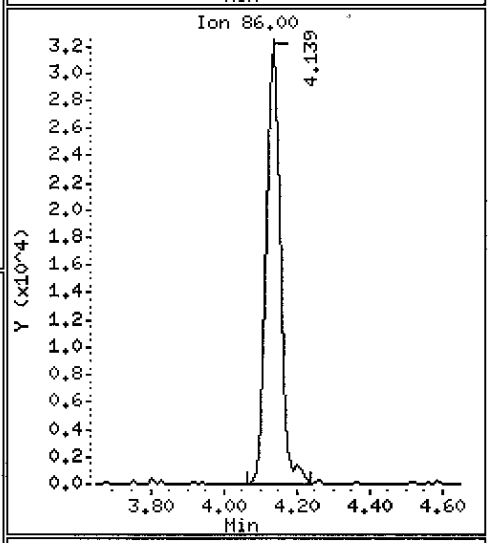


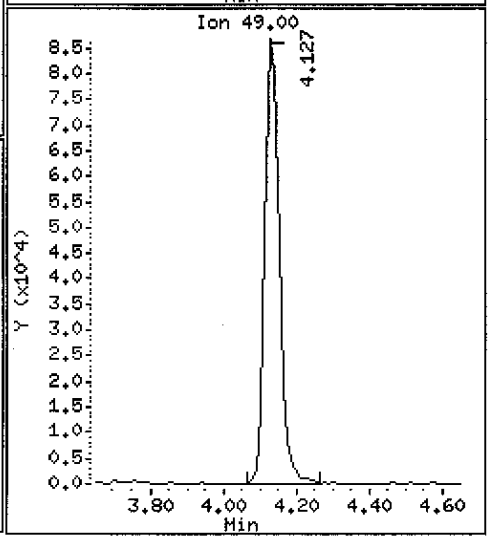












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9643.D

Date : 19-AUG-2005 17:59

Client ID: SD01-S-ORE

Instrument: V1.i

Sample Info: ,D0926-05CRE,,19568,

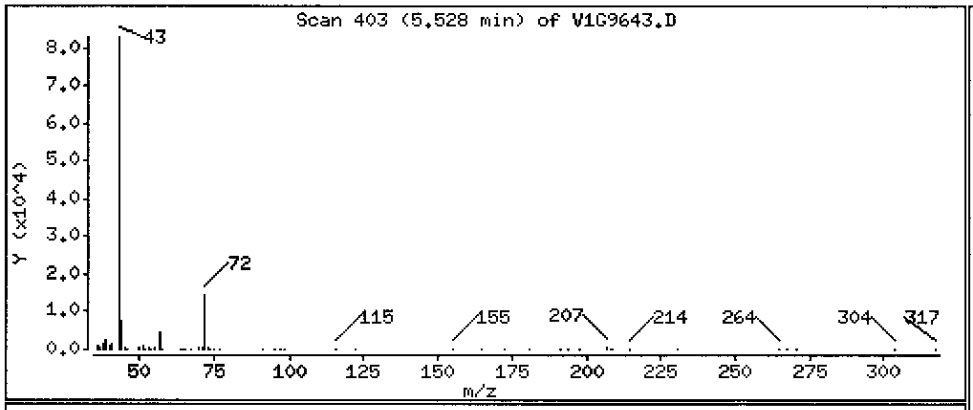
Operator: LG SRC: LIMS

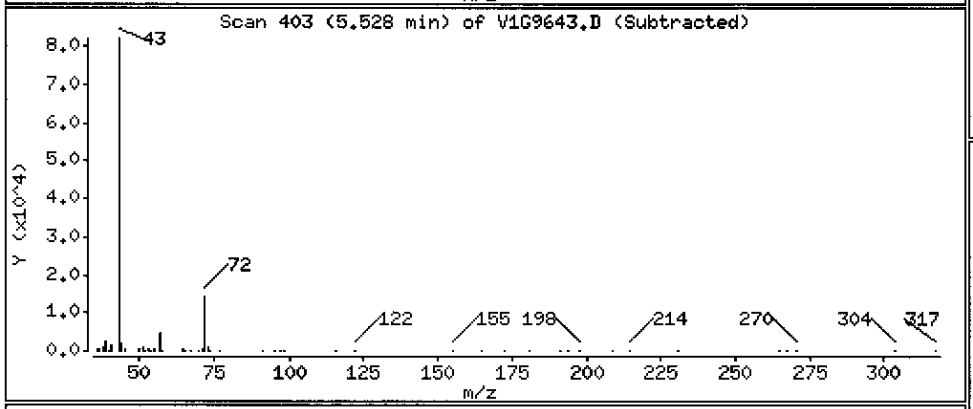
Column phase: DB-624

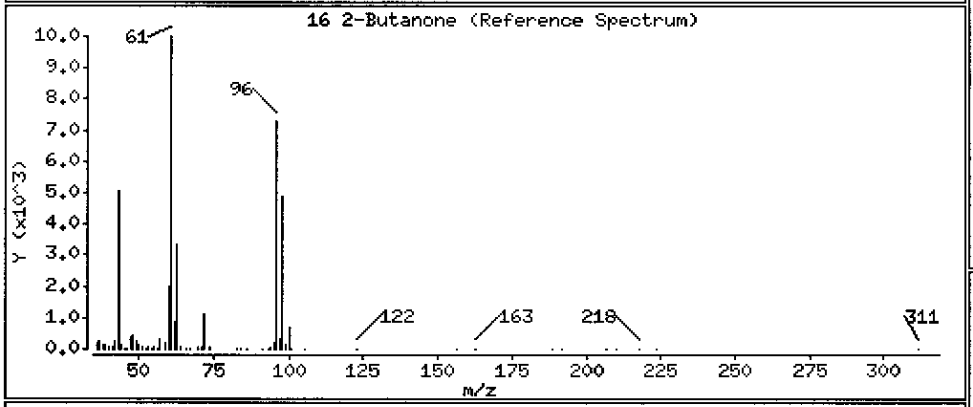
Column diameter: 0.25

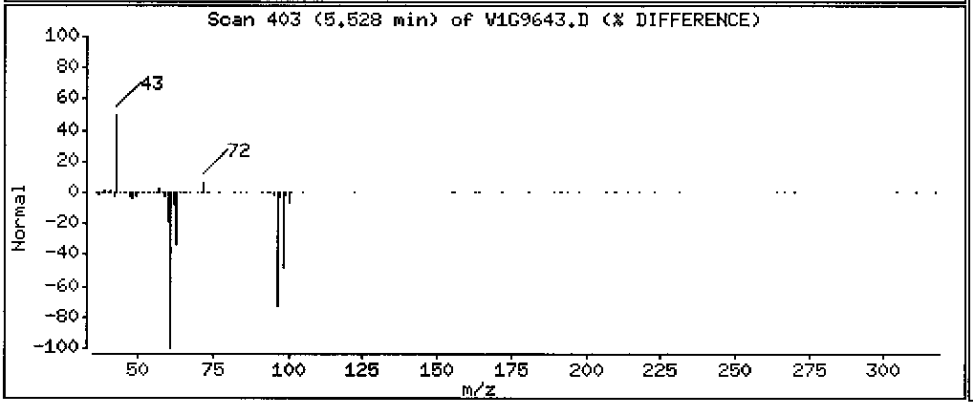
16 2-Butanone

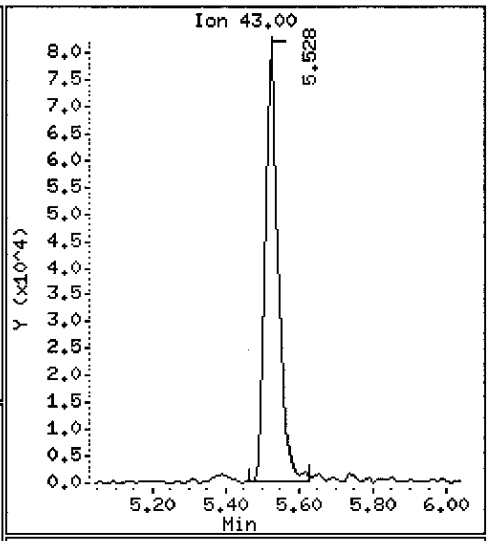
Concentration: 310 ug/Kg

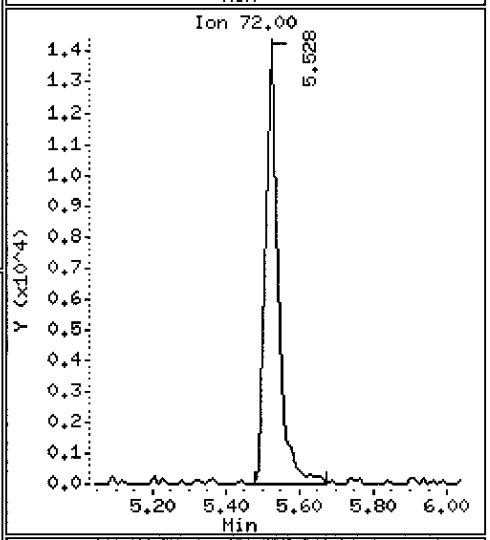


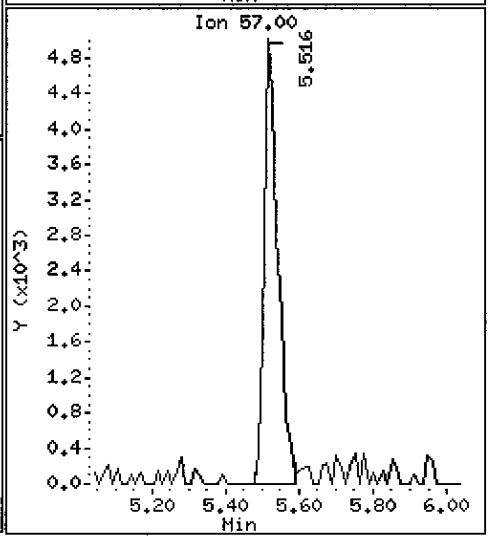












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9643.D

Date : 19-AUG-2005 17:59

Client ID: SD01-S-ORE

Instrument: V1.i

Sample Info: ,D0926-05CRE,,19568,

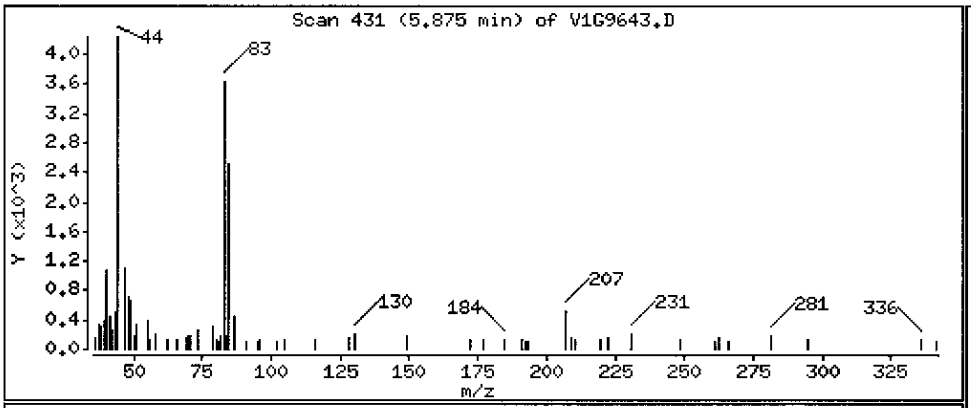
Operator: LG SRC: LIMS

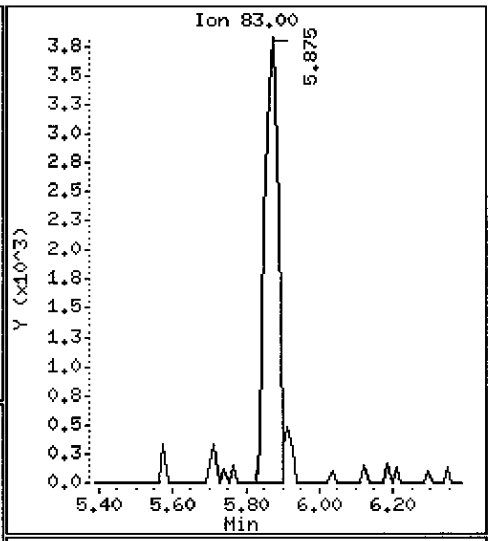
Column phase: DB-624

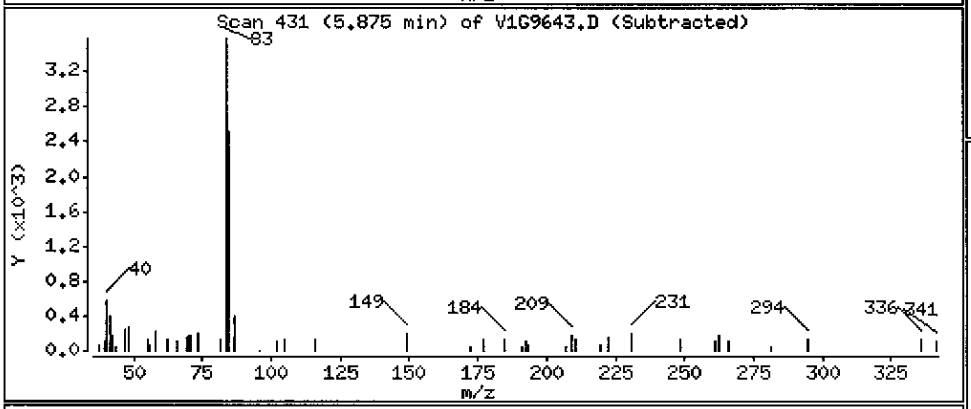
Column diameter: 0.25

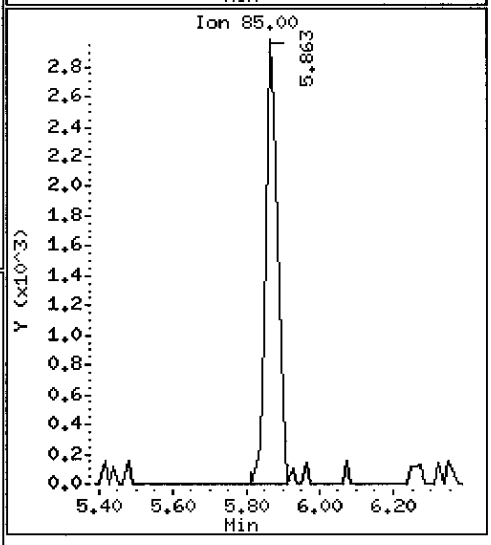
19 Chloroform

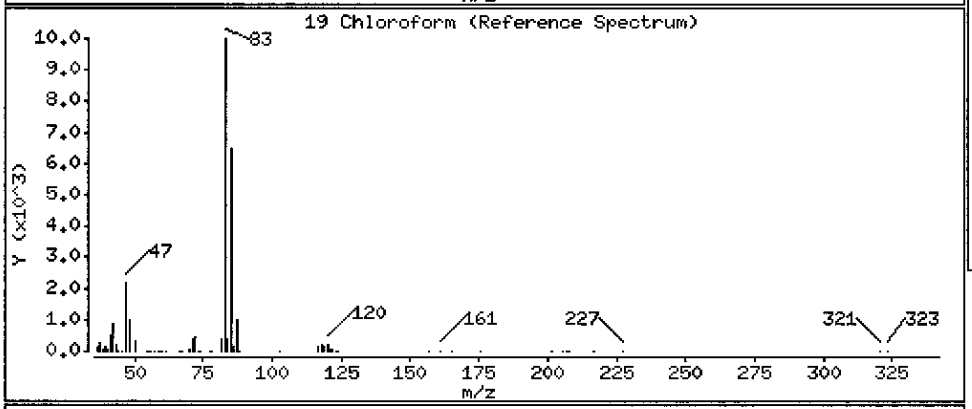
Concentration: 5 ug/Kg

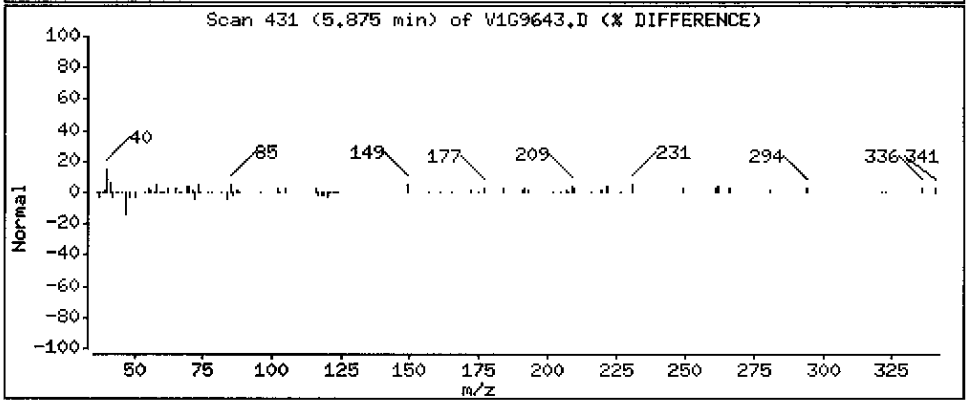












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9643.D

Date : 19-AUG-2005 17:59

Client ID: SD01-S-ORE

Instrument: V1.i

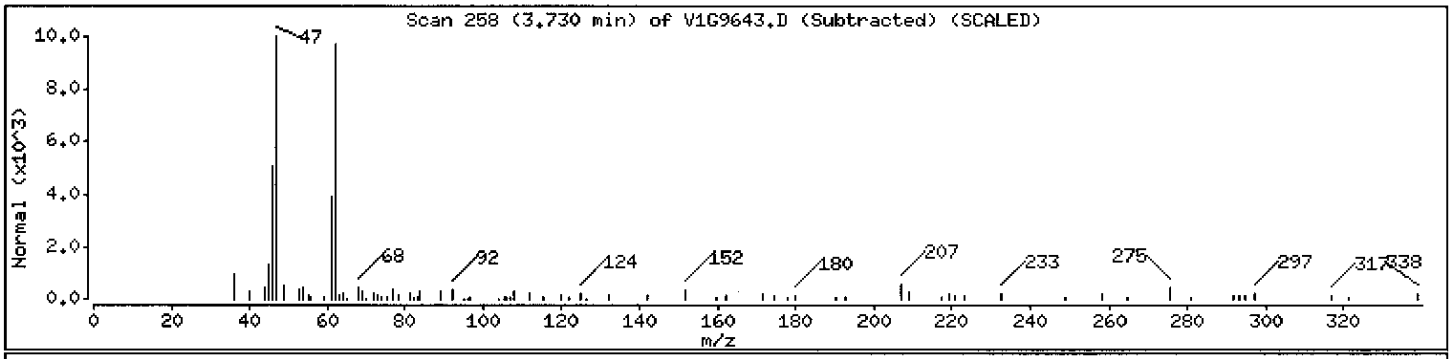
Sample Info: ,D0926-05CRE,,19568,

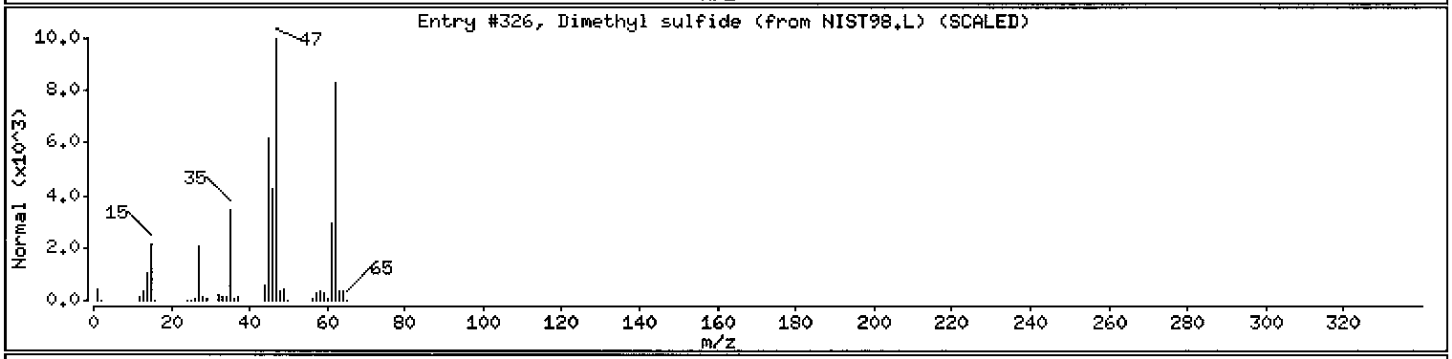
Operator: LG SRC: LIMS

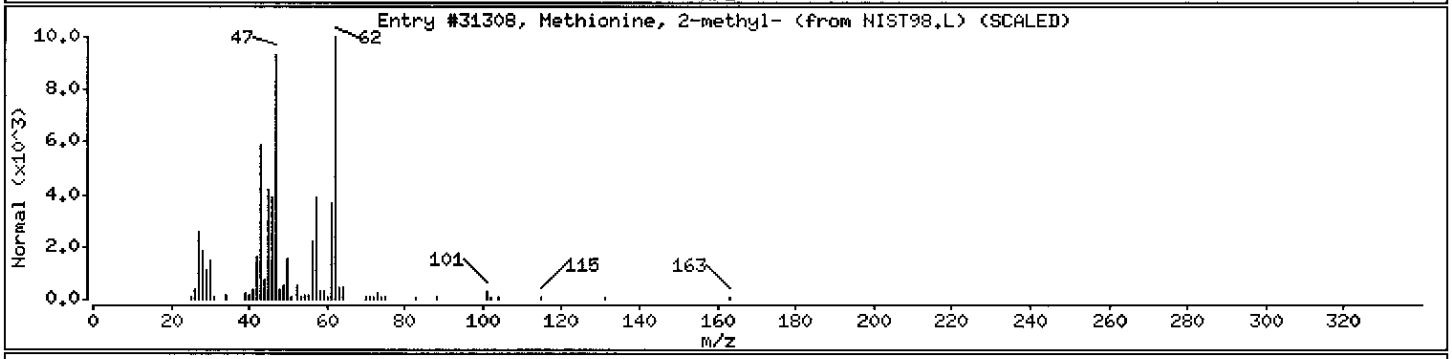
Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Dimethyl sulfide	75-18-3	NIST98.L	326	83	C2H6S	62
Methionine, 2-methyl-	562-48-1	NIST98.L	31308	74	C6H13NO2S	163







Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9643.D

Date : 19-AUG-2005 17:59

Client ID: SD01-S-ORE

Instrument: V1.i

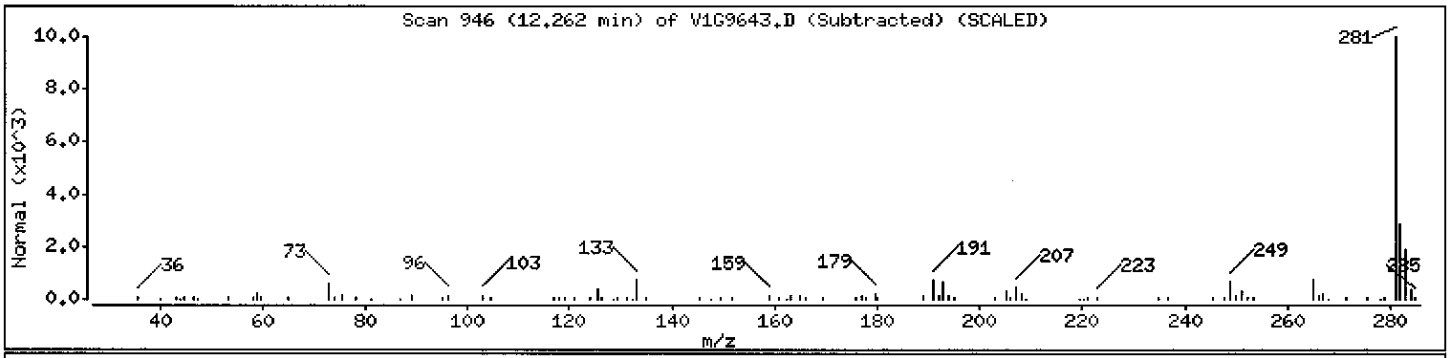
Sample Info: ,D0926-05CRE,,19568,

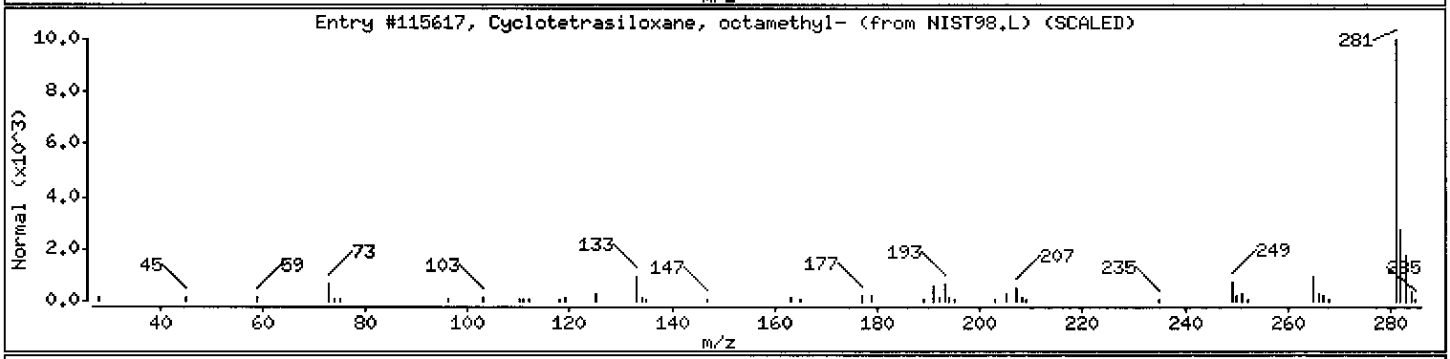
Operator: LG SRC: LIMS

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST98.L	115617	83	C8H24O4Si4	296





1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-03E

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V1G9600

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 78 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	43	U
74-87-3	Chloromethane	43	U
75-01-4	Vinyl Chloride	43	U
74-83-9	Bromomethane	43	U
75-00-3	Chloroethane	43	U
75-69-4	Trichlorofluoromethane	43	U
75-35-4	1,1-Dichloroethene	43	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	43	U
67-64-1	Acetone	1400	E
75-15-0	Carbon Disulfide	29	J
79-20-9	Methyl Acetate	43	U
75-09-2	Methylene Chloride	240	
156-60-5	trans-1,2-Dichloroethene	43	U
1634-04-4	Methyl tert-Butyl Ether	43	U
75-34-3	1,1-Dichloroethane	43	U
156-59-2	cis-1,2-Dichloroethene	43	U
78-93-3	2-Butanone	610	
67-66-3	Chloroform	43	U
71-55-6	1,1,1-Trichloroethane	43	U
110-82-7	Cyclohexane	43	U
56-23-5	Carbon Tetrachloride	43	U
71-43-2	Benzene	43	U
107-06-2	1,2-Dichloroethane	43	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-03E

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V1G9600

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 78 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	43	U
108-87-2	Methylcyclohexane	43	U
78-87-5	1,2-Dichloropropane	43	U
75-27-4	Bromodichloromethane	43	U
10061-01-5	cis-1,3-Dichloropropene	43	U
108-10-1	4-Methyl-2-Pentanone	43	U
108-88-3	Toluene	43	U
10061-02-6	trans-1,3-Dichloropropene	43	U
79-00-5	1,1,2-Trichloroethane	43	U
127-18-4	Tetrachloroethene	11	J
591-78-6	2-Hexanone	43	U
124-48-1	Dibromochloromethane	43	U
106-93-4	1,2-Dibromoethane	43	U
108-90-7	Chlorobenzene	43	U
100-41-4	Ethylbenzene	43	U
1330-20-7	Xylene (Total)	43	U
100-42-5	Styrene	43	U
75-25-2	Bromoform	43	U
98-82-8	Isopropylbenzene	43	U
79-34-5	1,1,2,2-Tetrachloroethane	43	U
541-73-1	1,3-Dichlorobenzene	43	U
106-46-7	1,4-Dichlorobenzene	43	U
95-50-1	1,2-Dichlorobenzene	43	U
96-12-8	1,2-Dibromo-3-chloropropane	43	U
120-82-1	1,2,4-Trichlorobenzene	43	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD02-S-D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-03E

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V1G9600

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 78 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

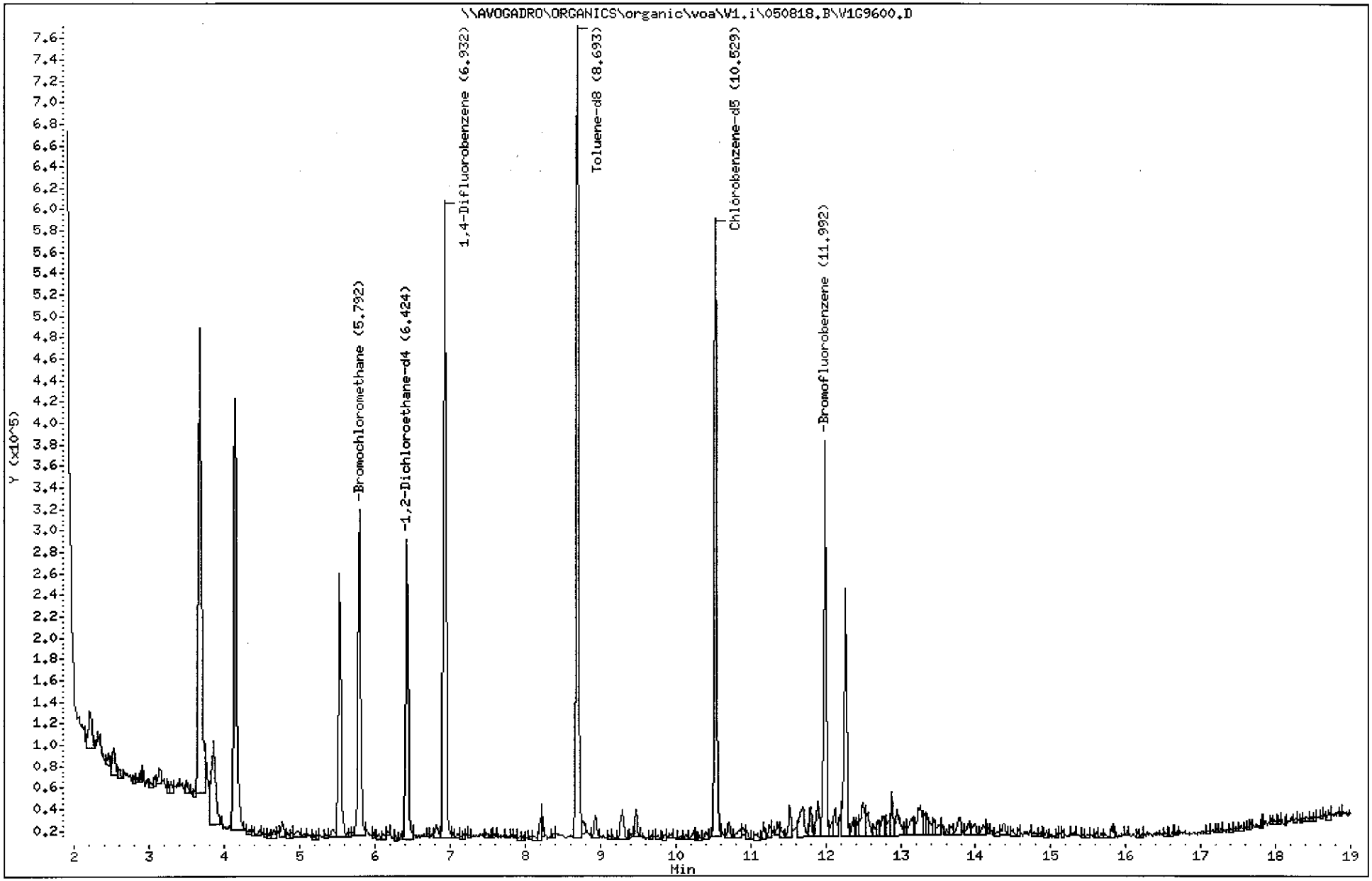
Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	2.20	32	J
2.		UNKNOWN	2.52	22	J
3.		UNKNOWN	11.69	24	J
4.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.26	99	NJ
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9600.D
Date : 18-AUG-2005 16:40
Client ID: SD02-S-D
Instrument: V1.i
Sample Info: ,D0926-03E,,19555,
Operator: LG SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



V1G9600

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9600.D
Report Date: 22-Aug-2005 14:43

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9600.D
Lab Smp Id: D0926-03E Client Smp ID: SD02-S-D
Inj Date : 18-AUG-2005 16:40
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-03E,,19555,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D ✓
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.300	Weight of sample (g)
M	78.000	% Moisture (not decanted)

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	9	Acetone	43	3.659	3.667	(0.632)	873931	321.851	1400(A)
	10	Carbon Disulfide	76	3.857	3.866	(0.666)	95460	6.82717	29(a)
	12	Methylene Chloride	84	4.142	4.139	(0.715)	215840	54.9718	240
	16	2-Butanone	43	5.531	5.527	(0.955)	438221	143.106	610
*	18	Bromochloromethane	128	5.792	5.788	(1.000)	89282	50.0000	
$	23	1,2-Dichloroethane-d4	65	6.424	6.420	(1.109)	227801	50.1621	220
*	26	1,4-Difluorobenzene	114	6.932	6.929	(1.000)	550224	50.0000	
$	33	Toluene-d8	98	8.693	8.690	(0.826)	570207	57.3437	250
	37	Tetrachloroethene	164	9.475	9.483	(0.900)	6637	2.65083	11(a)
*	42	Chlorobenzene-d5	117	10.529	10.525	(1.000)	357536	50.0000	
$	50	Bromofluorobenzene	95	11.992	11.988	(1.139)	141583	35.3842	150

SB

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9600.D
Report Date: 22-Aug-2005 14:43

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9600.D
Report Date: 22-Aug-2005 14:43

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9600.D
Lab Smp Id: D0926-03E Client Smp ID: SD02-S-D
Inj Date : 18-AUG-2005 16:40
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-03E,,19555,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.300	Weight of sample (g)
M	78.000	% Moisture (not decanted)

ISTD	RT	AREA	AMOUNT
* 18 Bromochloromethane	5.792	774055	50.000
* 42 Chlorobenzene-d5	10.529	1225443	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
2.195	117268	7.57491393	32	0		0	18
Unknown				CAS #:			
2.518	77929	5.03381543	22	0		0	18

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9600.D
Report Date: 22-Aug-2005 14:43

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
11.694	134690	5.49556365	24	0		0	42
Cyclotetrasiloxane, octamethyl-				CAS #: 556-67-2			
12.265	566311	23.1063787	99	91	NIST98.L	115616	42

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9600.D

Date : 18-AUG-2005 16:40

Client ID: SD02-S-D

Instrument: V1.i

Sample Info: ,D0926-03E,,19555,

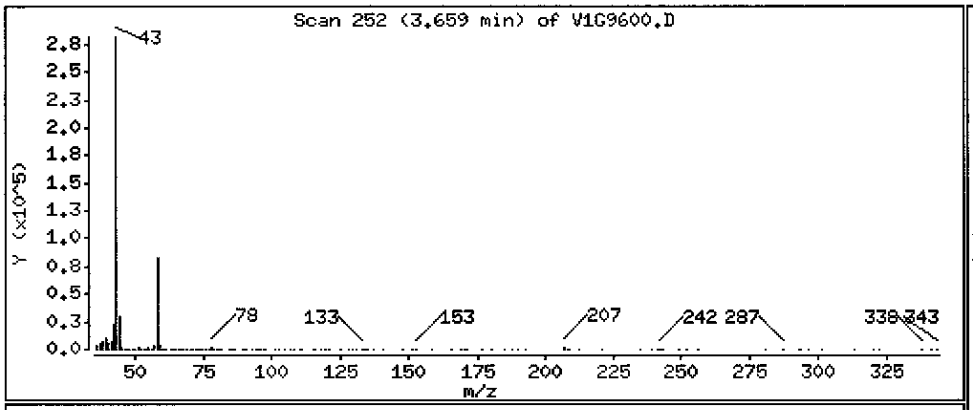
Operator: LG SRC: LIMS

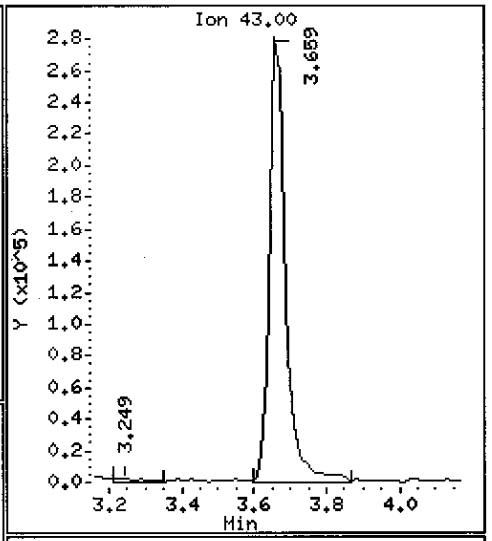
Column phase: DB-624

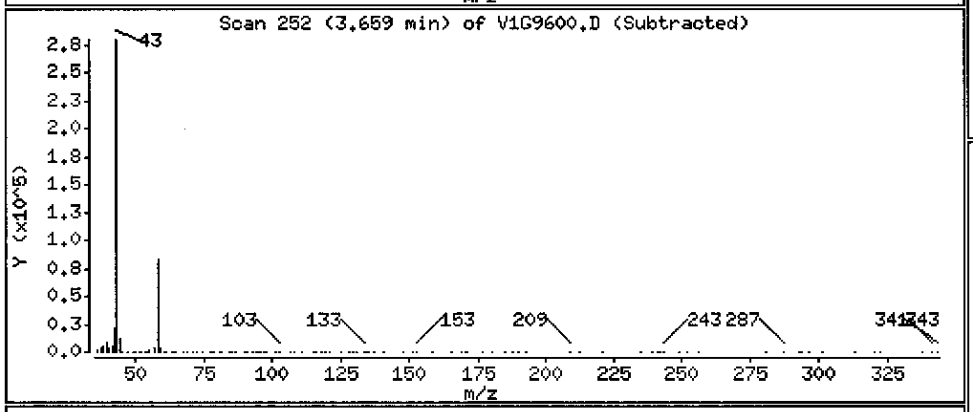
Column diameter: 0.25

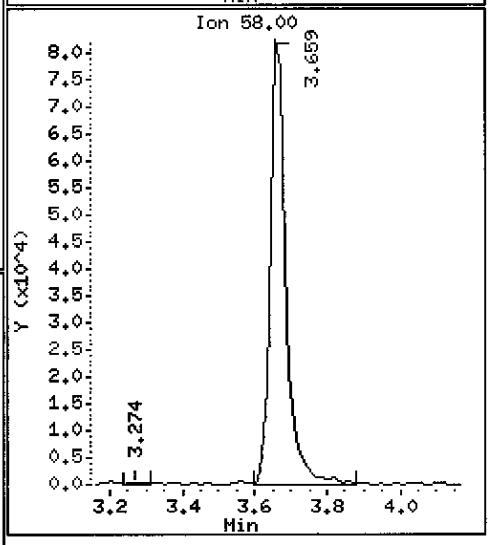
9 Acetone

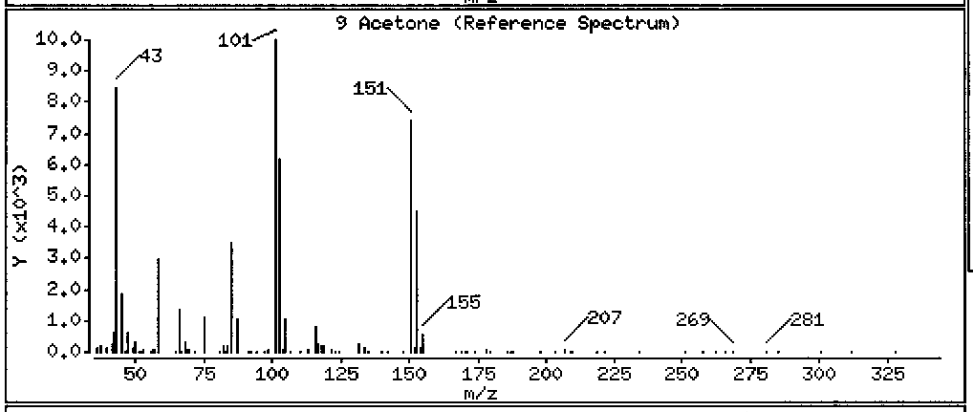
Concentration: 1400 ug/Kg

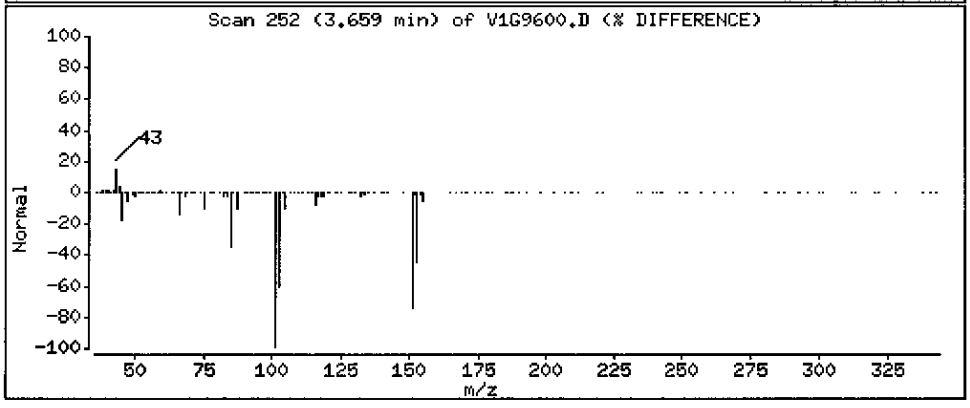












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9600.D

Date : 18-AUG-2005 16:40

Client ID: SD02-S-D

Instrument: V1.i

Sample Info: ,D0926-03E,,19555,

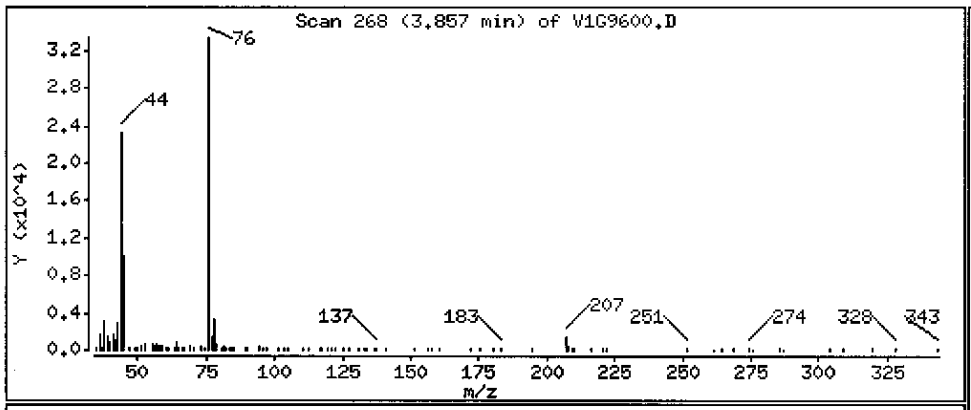
Operator: LG SRC: LIMS

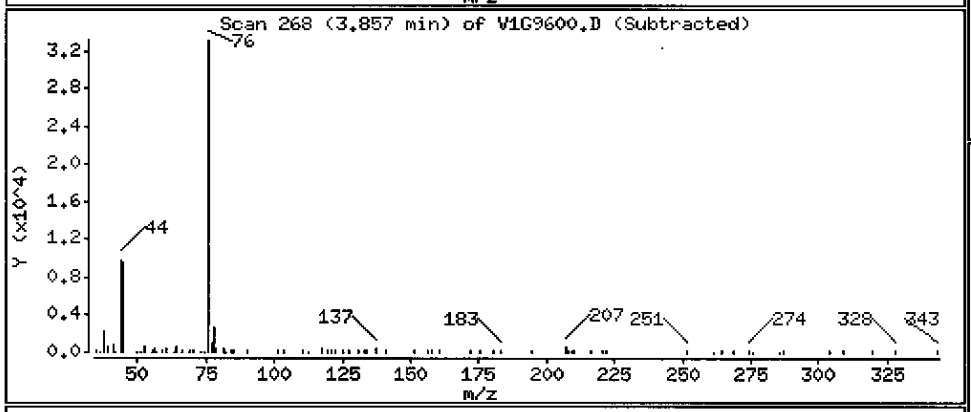
Column phase: DB-624

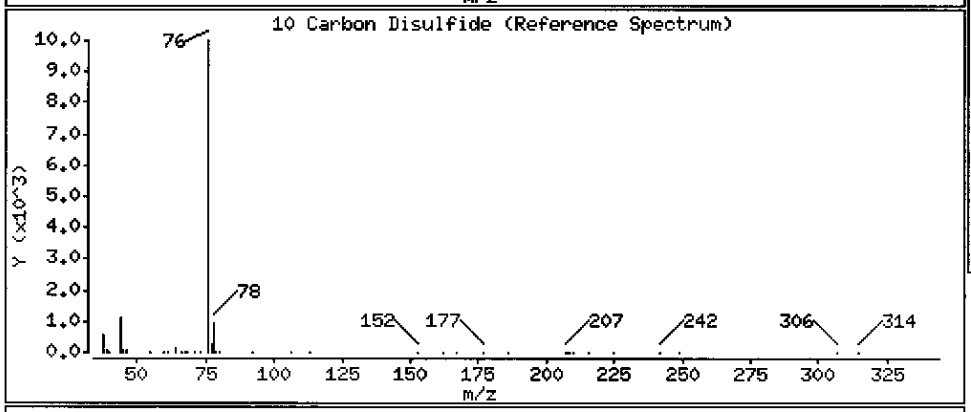
Column diameter: 0.25

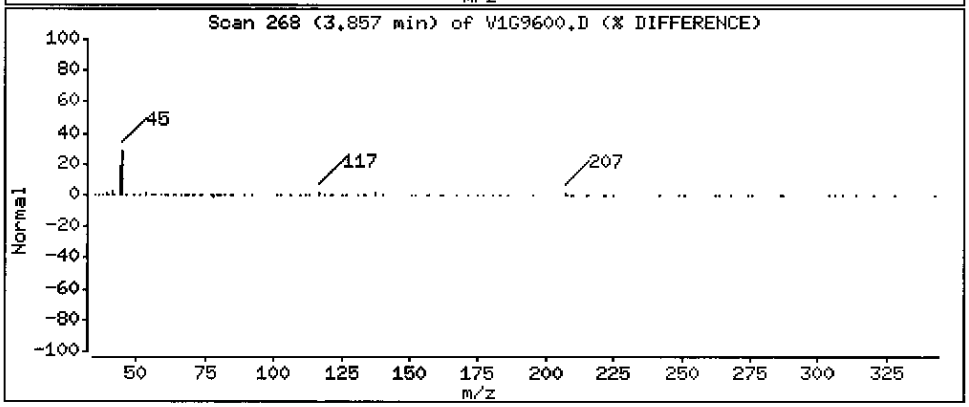
10 Carbon Disulfide

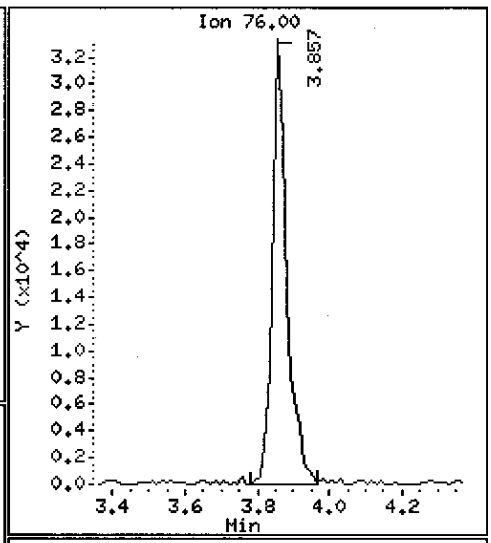
Concentration: 29 ug/Kg

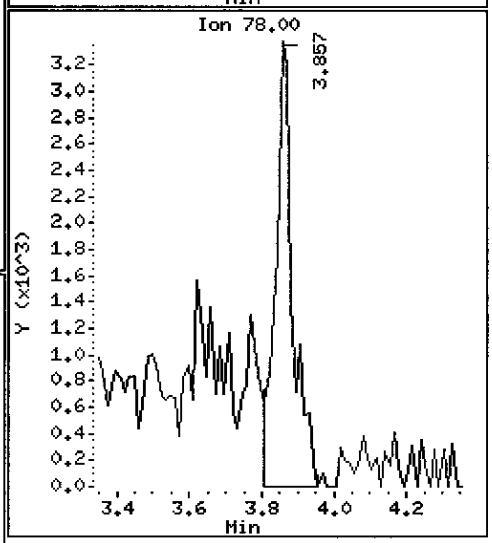












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9600.D

Date : 18-AUG-2005 16:40

Client ID: SD02-S-D

Instrument: V1.i

Sample Info: ,D0926-03E,,19555,

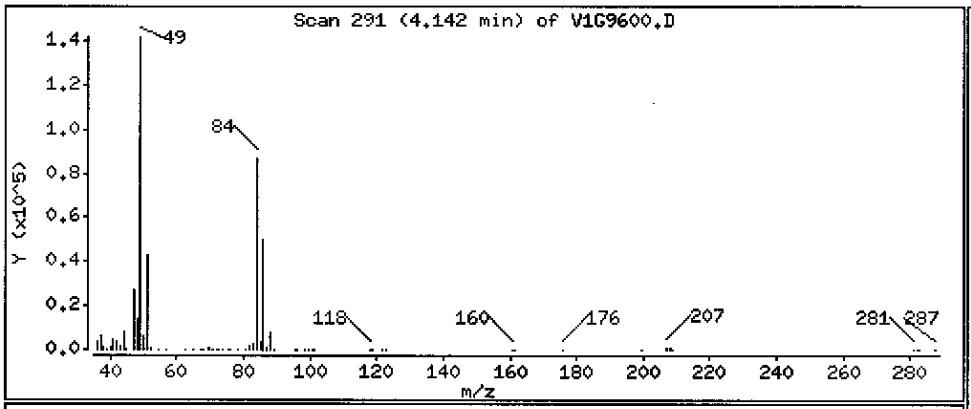
Operator: LG SRC: LIMS

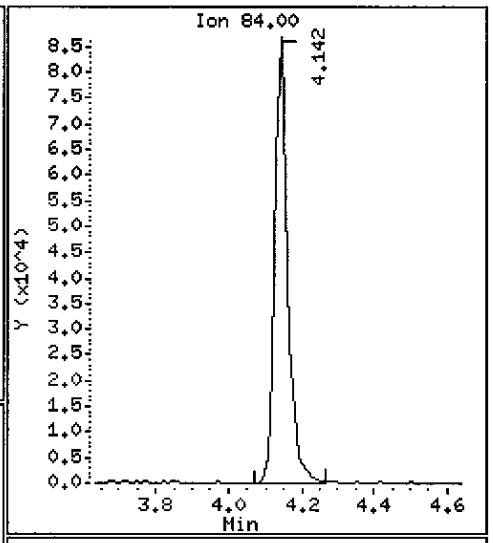
Column phase: DB-624

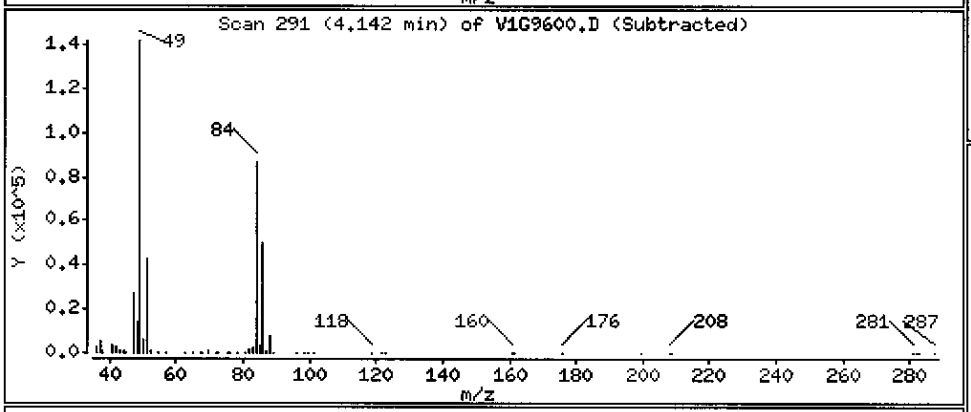
Column diameter: 0.25

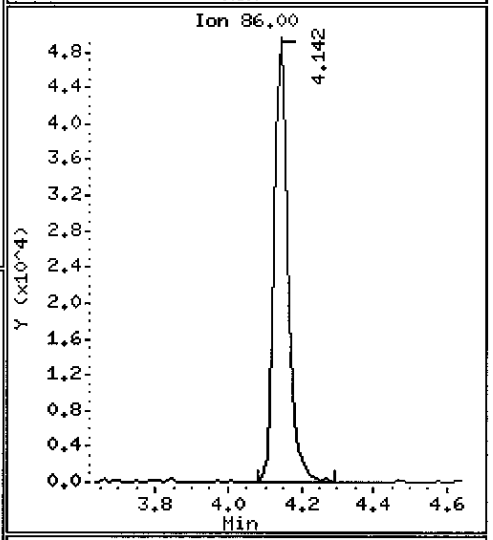
12 Methylene Chloride

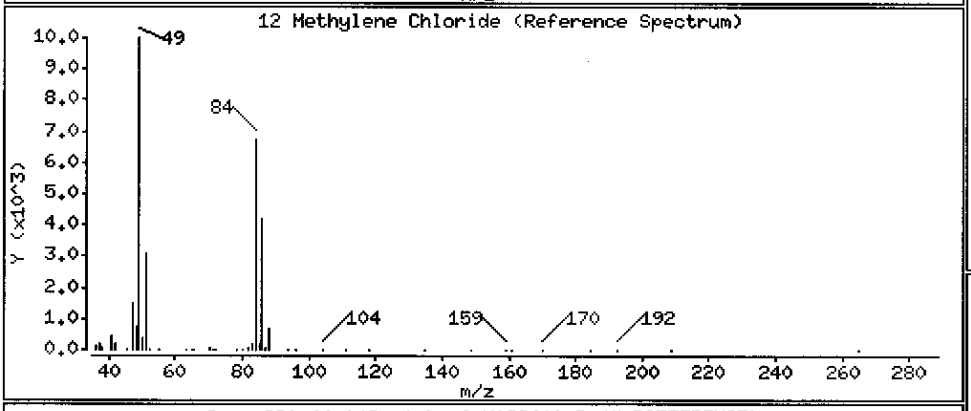
Concentration: 240 ug/Kg

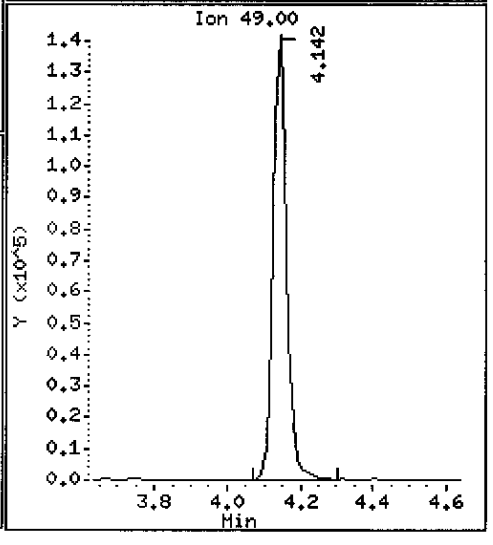


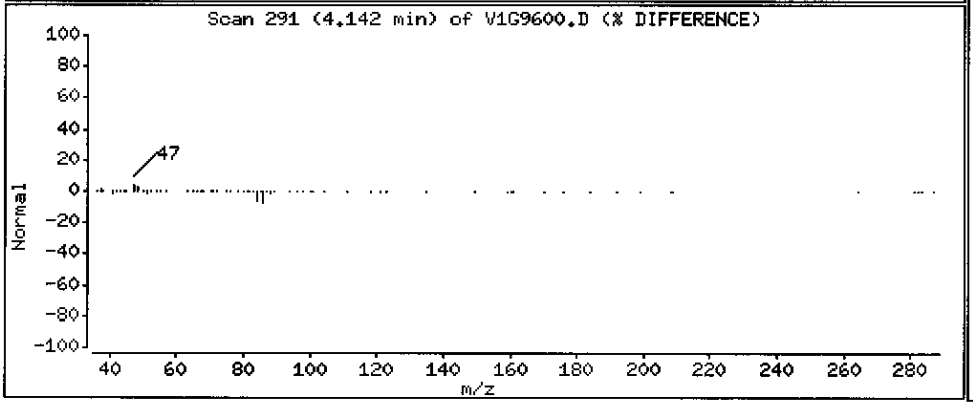












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9600.D

Date : 18-AUG-2005 16:40

Client ID: SD02-S-D

Instrument: V1.i

Sample Info: ,D0926-03E,,19555,

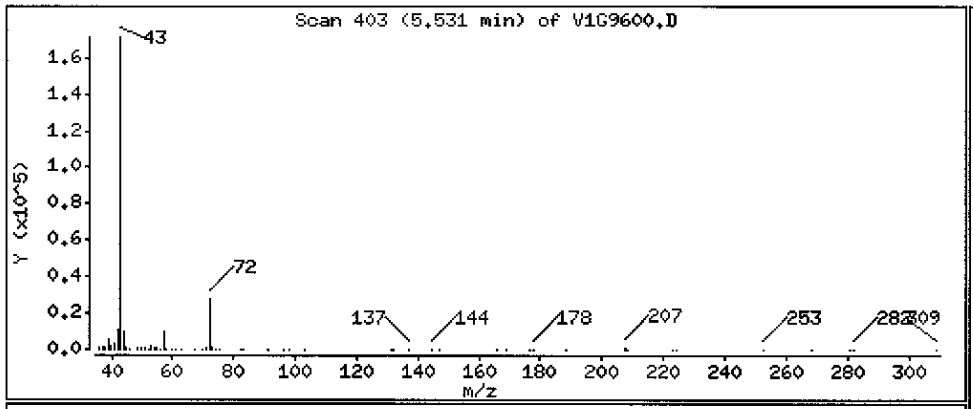
Operator: LG SRC: LIMS

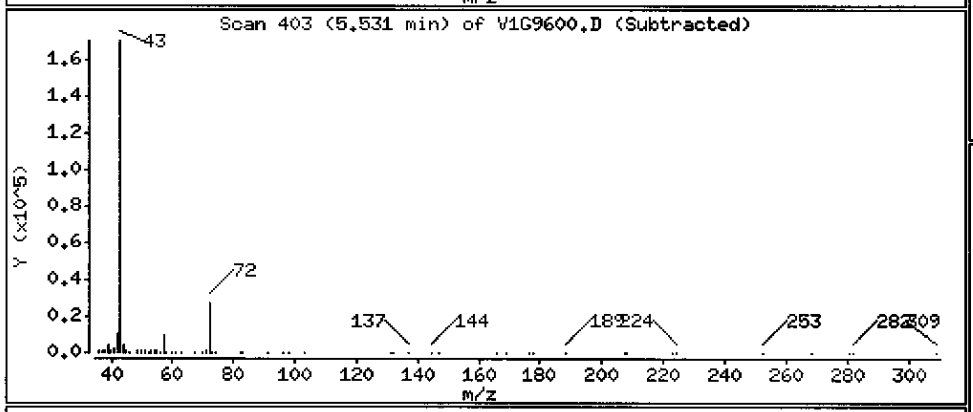
Column phase: DB-624

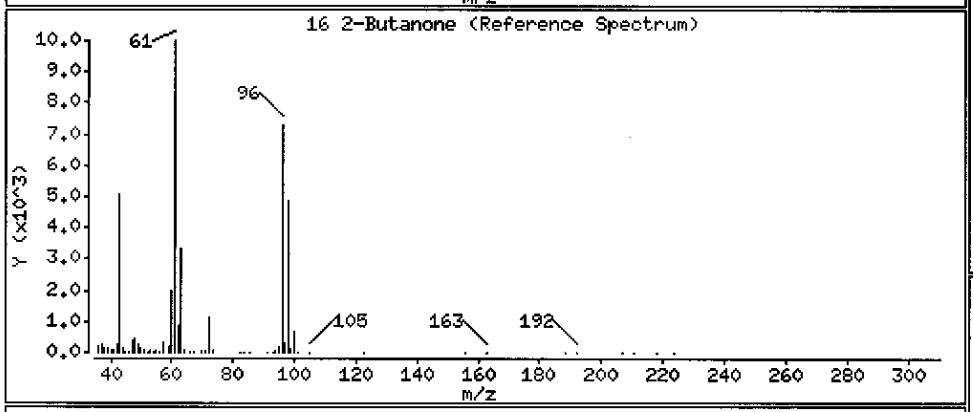
Column diameter: 0.25

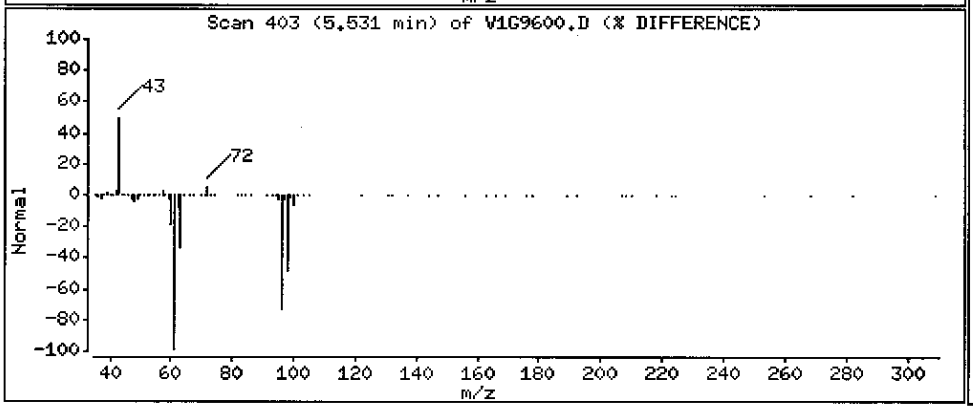
16 2-Butanone

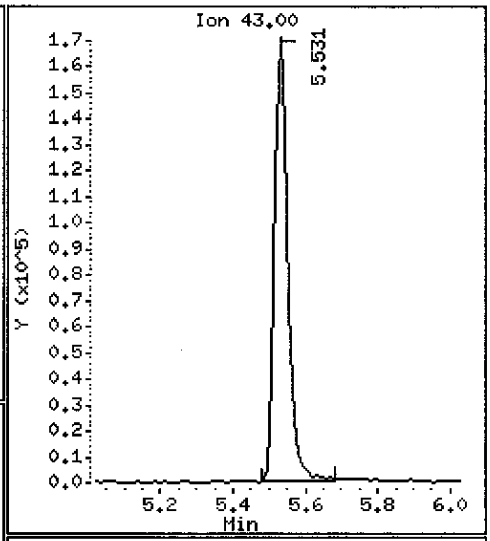
Concentration: 610 ug/Kg

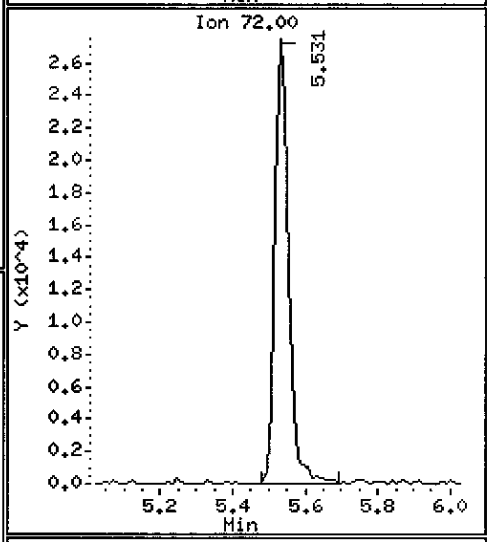


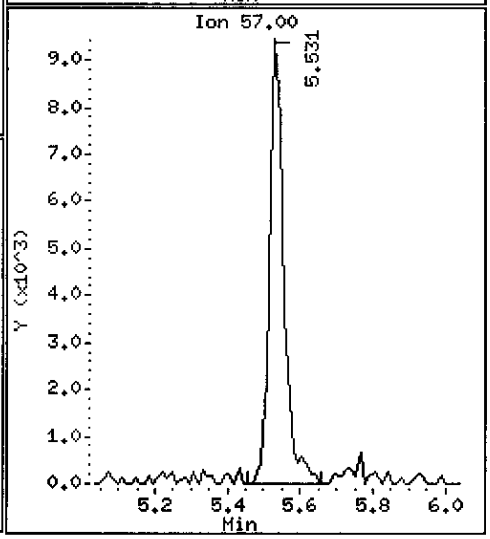












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9600.D

Date : 18-AUG-2005 16:40

Client ID: SD02-S-D

Instrument: V1.i

Sample Info: ,D0926-03E,,19555,

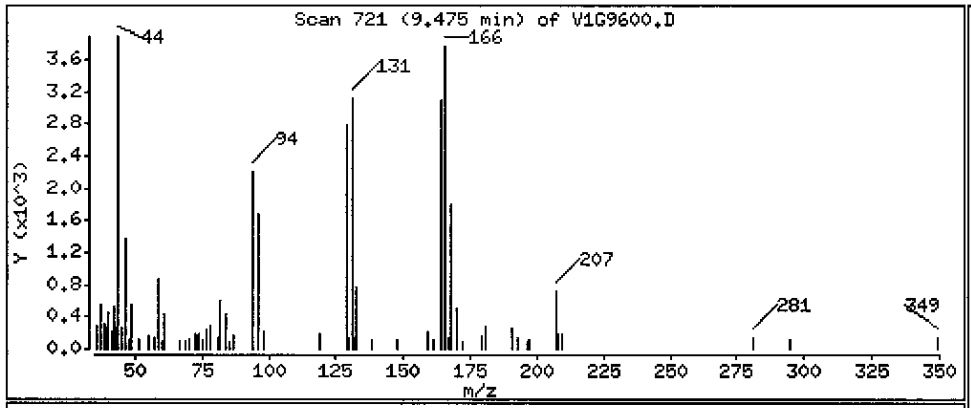
Operator: LG SRC: LIMS

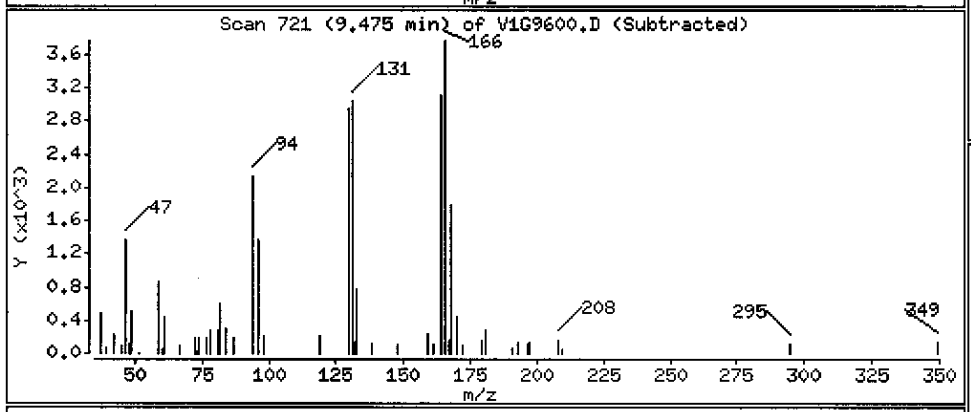
Column phase: DB-624

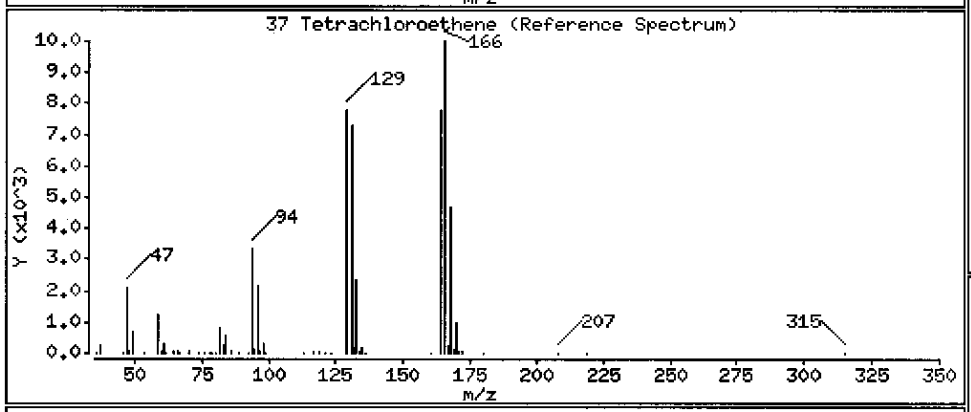
Column diameter: 0.25

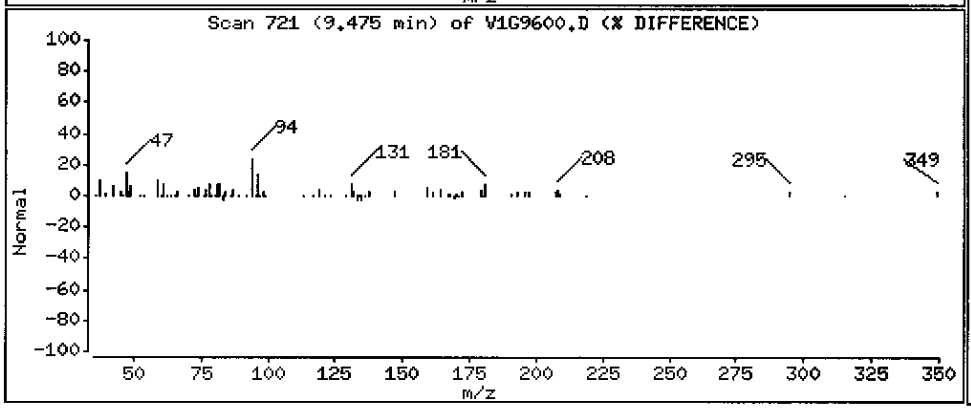
37 Tetrachloroethene

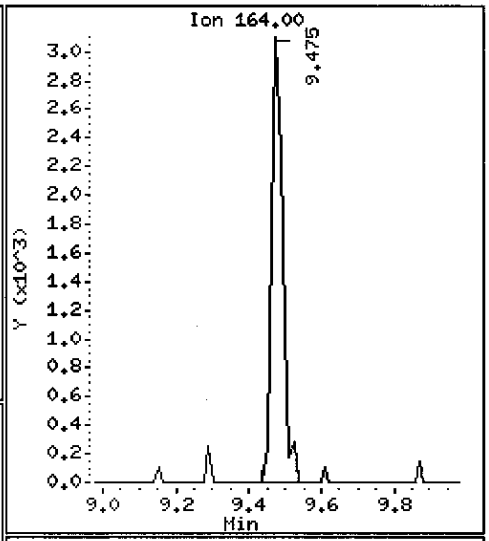
Concentration: 11 ug/Kg

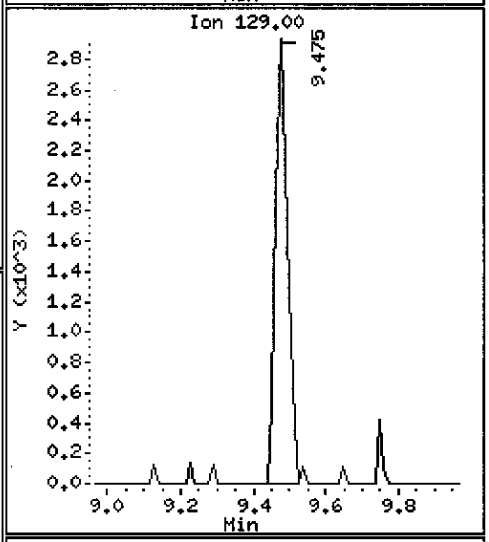


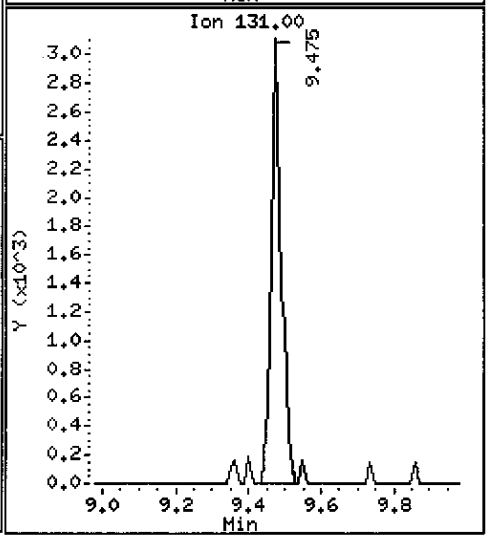












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9600.D

Date : 18-AUG-2005 16:40

Client ID: SD02-S-D

Instrument: V1.i

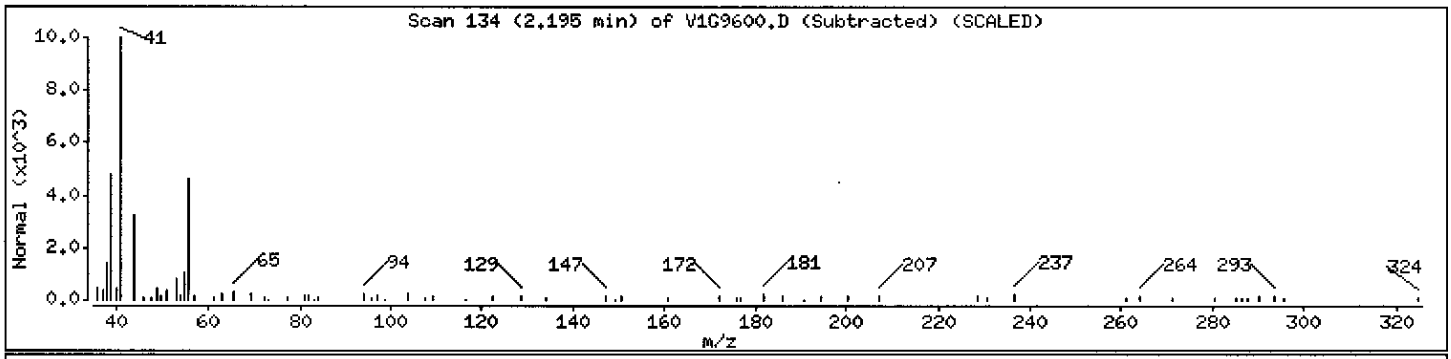
Sample Info: ,D0926-03E,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 18-AUG-2005 16:40

Client ID: SD02-S-D

Instrument: V1.i

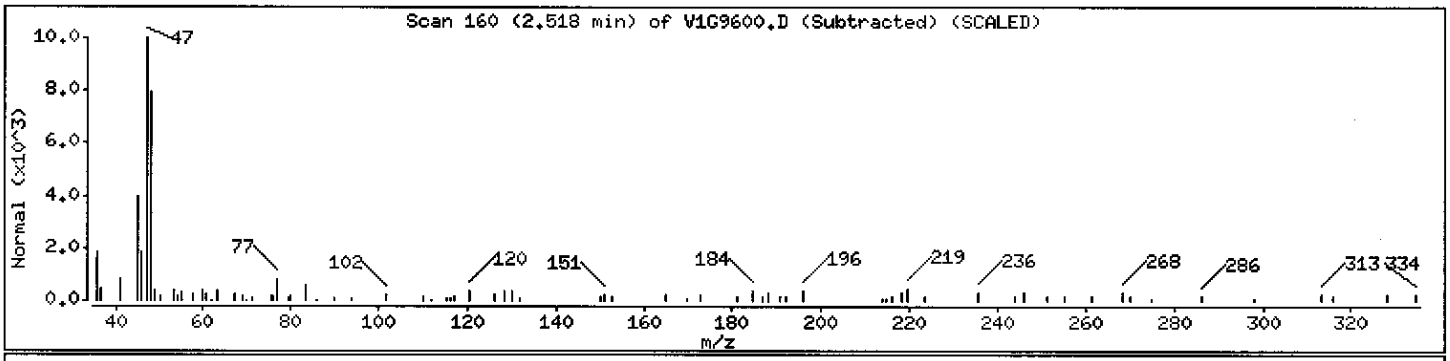
Sample Info: ,D0926-03E,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 18-AUG-2005 16:40

Client ID: SD02-S-D

Instrument: V1.i

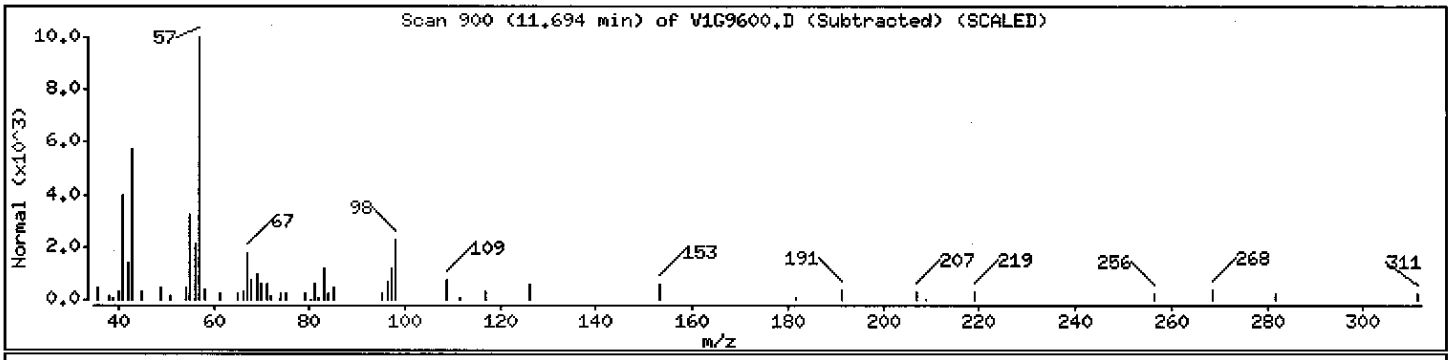
Sample Info: ,D0926-03E,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 18-AUG-2005 16:40

Client ID: SD02-S-D

Instrument: V1.i

Sample Info: ,D0926-03E,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
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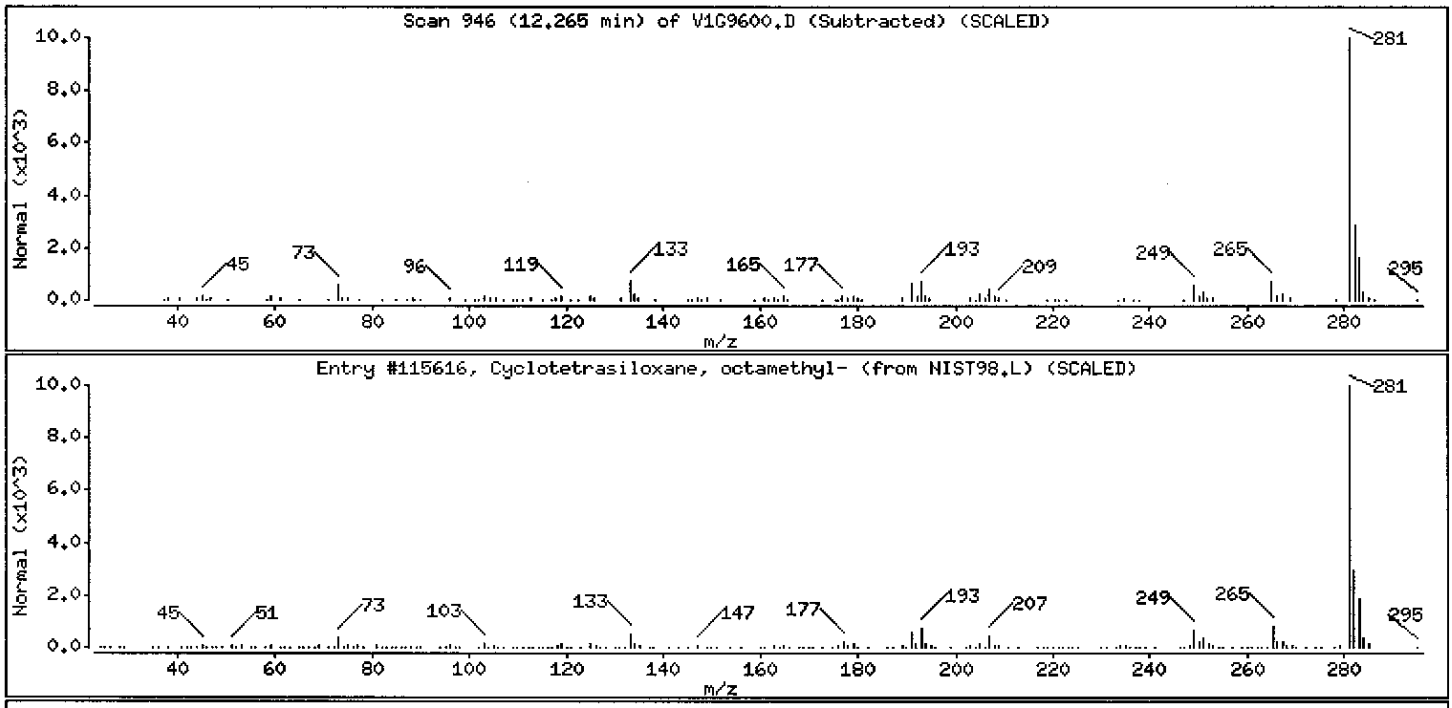


1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-DDL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-03F

Sample wt/vol: 4.5 (g/mL) G Lab File ID: V6D7848

Level: (low/med) MED Date Received: 08/10/05

% Moisture: not dec. 78 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	6800	U
74-87-3	Chloromethane	6800	U
75-01-4	Vinyl Chloride	6800	U
74-83-9	Bromomethane	6800	U
75-00-3	Chloroethane	6800	U
75-69-4	Trichlorofluoromethane	6800	U
75-35-4	1,1-Dichloroethene	6800	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6800	U
67-64-1	Acetone	3600	DJ
75-15-0	Carbon Disulfide	6800	U
79-20-9	Methyl Acetate	11000	D
75-09-2	Methylene Chloride	3600	DJ
156-60-5	trans-1,2-Dichloroethene	6800	U
1634-04-4	Methyl tert-Butyl Ether	6800	U
75-34-3	1,1-Dichloroethane	6800	U
156-59-2	cis-1,2-Dichloroethene	6800	U
78-93-3	2-Butanone	6800	U
67-66-3	Chloroform	6800	U
71-55-6	1,1,1-Trichloroethane	6800	U
110-82-7	Cyclohexane	6800	U
56-23-5	Carbon Tetrachloride	6800	U
71-43-2	Benzene	6800	U
107-06-2	1,2-Dichloroethane	6800	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-DDL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-03F

Sample wt/vol: 4.5 (g/mL) G Lab File ID: V6D7848

Level: (low/med) MED Date Received: 08/10/05

% Moisture: not dec. 78 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	6800	U
108-87-2	Methylcyclohexane	6800	U
78-87-5	1,2-Dichloropropane	6800	U
75-27-4	Bromodichloromethane	6800	U
10061-01-5	cis-1,3-Dichloropropene	6800	U
108-10-1	4-Methyl-2-Pentanone	6800	U
108-88-3	Toluene	6800	U
10061-02-6	trans-1,3-Dichloropropene	6800	U
79-00-5	1,1,2-Trichloroethane	6800	U
127-18-4	Tetrachloroethene	6800	U
591-78-6	2-Hexanone	6800	U
124-48-1	Dibromochloromethane	6800	U
106-93-4	1,2-Dibromoethane	6800	U
108-90-7	Chlorobenzene	6800	U
100-41-4	Ethylbenzene	6800	U
1330-20-7	Xylene (Total)	6800	U
100-42-5	Styrene	6800	U
75-25-2	Bromoform	6800	U
98-82-8	Isopropylbenzene	6800	U
79-34-5	1,1,2,2-Tetrachloroethane	6800	U
541-73-1	1,3-Dichlorobenzene	6800	U
106-46-7	1,4-Dichlorobenzene	6800	U
95-50-1	1,2-Dichlorobenzene	6800	U
96-12-8	1,2-Dibromo-3-chloropropane	6800	U
120-82-1	1,2,4-Trichlorobenzene	6800	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD02-S-DDL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-03F

Sample wt/vol: 4.5 (g/mL) G Lab File ID: V6D7848

Level: (low/med) MED Date Received: 08/10/05

% Moisture: not dec. 78 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Number TICs found: 0

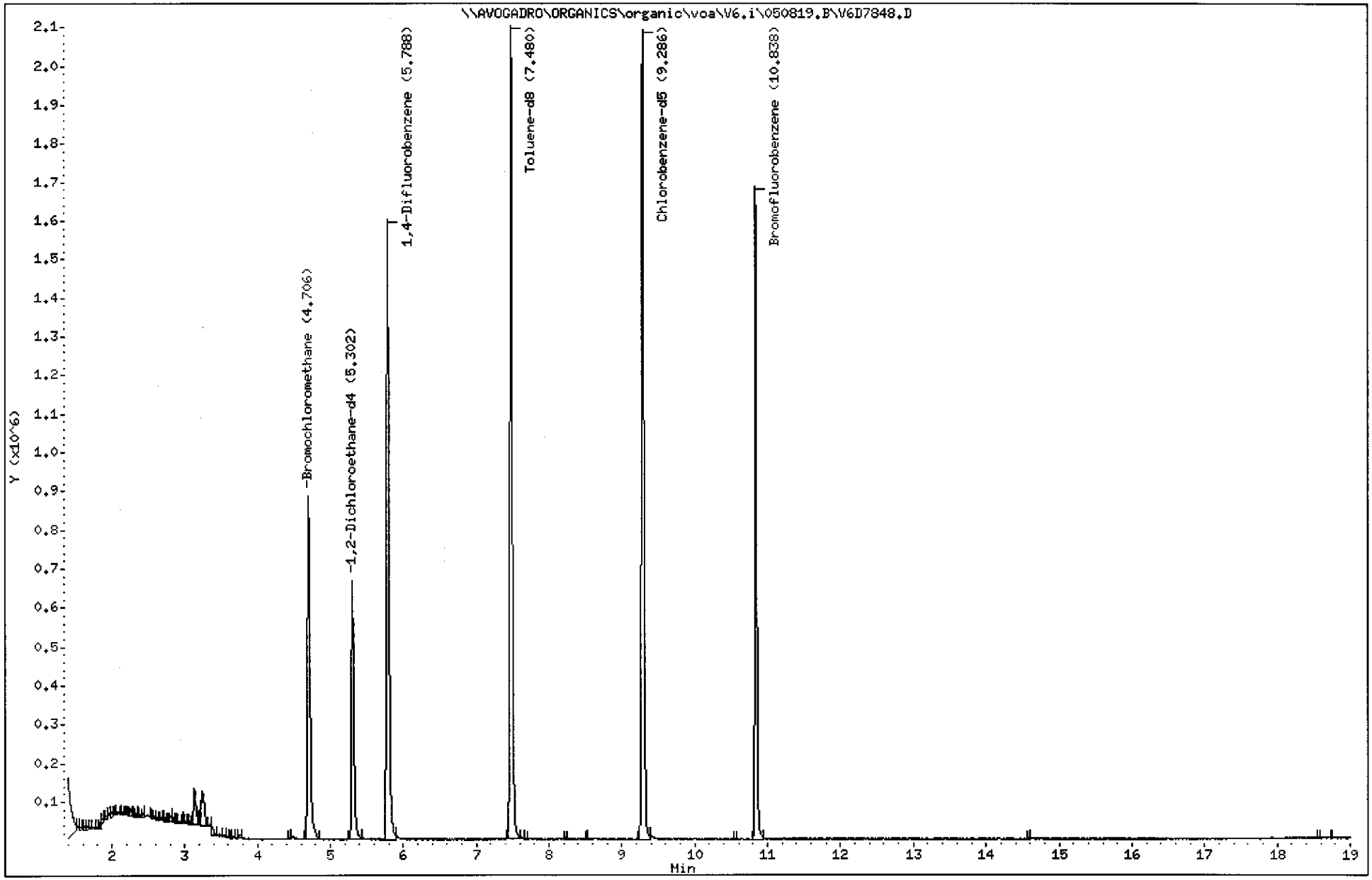
CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7848.D
Date : 19-AUG-2005 16:23
Client ID: SD02-S-DDL
Sample Info: ,D0926-03F,,19570

Instrument: V6.i

Operator: SB SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



8010

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7848.D
Report Date: 23-Aug-2005 14:49

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7848.D
Lab Smp Id: D0926-03F Client Smp ID: SD02-S-DDL
Inj Date : 19-AUG-2005 16:23
Operator : SB SRC: LIMS Inst ID: V6.i
Smp Info : ,D0926-03F,,19570
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\v6clp4s.m
Meth Date : 23-Aug-2005 14:45 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 11:14 Cal File: V6D7841.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula:
Amt * DF * Uf * ((Vt+(Ws*M *10)) * 5)/(Va * Ws * ((100-M)/100))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	4.500	Weight of sample extracted (g)
M	78.000	% Moisture (not decanted)
Vt	10000.000	Methanol extract volume (uL)
Va	100.000	Aliquot of methanol (uL)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	9 Acetone	43	2.820	2.816	(0.599)	25022	5.33198	3600(a)
	11 Methyl Acetate	43	3.130	3.133	(0.665)	141120	16.4916	11000
	12 Methylene Chloride	84	3.246	3.261	(0.690)	78700	5.30300	3600(aQ)
*	18 Bromochloromethane	128	4.706	4.708	(1.000)	280409	50.0000	
$	23 1,2-Dichloroethane-d4	65	5.302	5.305	(1.127)	566029	46.4030	32000
*	26 1,4-Difluorobenzene	114	5.789	5.791	(1.000)	1565118	50.0000	
$	33 Toluene-d8	98	7.480	7.482	(0.805)	1712782	48.8291	33000
*	42 Chlorobenzene-d5	117	9.287	9.289	(1.000)	1476030	50.0000	
$	50 Bromofluorobenzene	95	10.838	10.841	(1.167)	672601	44.9188	31000

SB 8/23/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7848.D
Report Date: 23-Aug-2005 14:49

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7848.D
Report Date: 23-Aug-2005 14:49

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7848.D
Lab Smp Id: D0926-03F Client Smp ID: SD02-S-DDL
Inj Date : 19-AUG-2005 16:23
Operator : SB SRC: LIMS Inst ID: V6.i
Smp Info : ,D0926-03F,,19570
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\v6clp4s.m
Meth Date : 23-Aug-2005 14:45 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 11:14 Cal File: V6D7841.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7848.D

Date : 19-AUG-2005 16:23

Client ID: SD02-S-DDL

Instrument: V6.i

Sample Info: ,D0926-03F,,19570

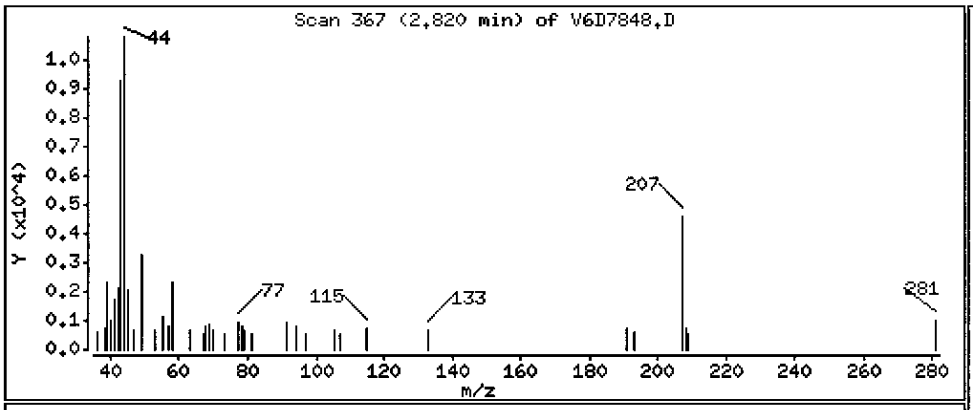
Operator: SB SRC: LIMS

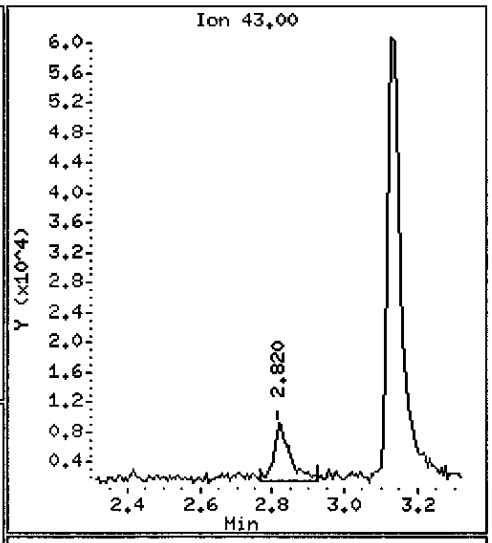
Column phase: DB-624

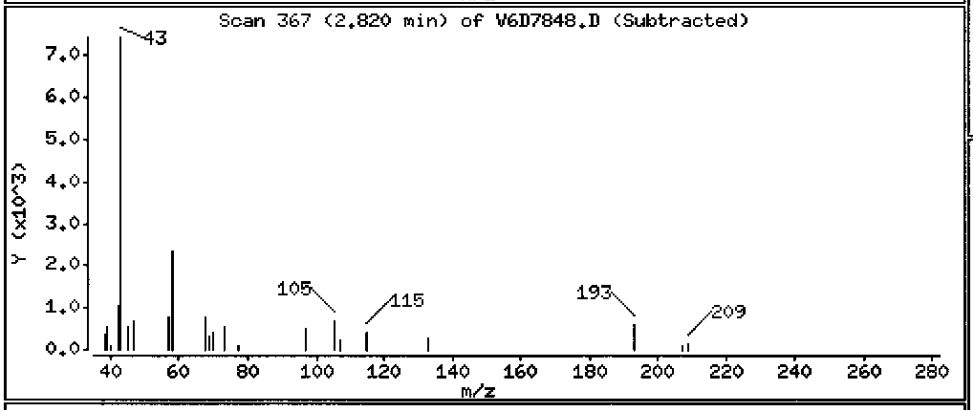
Column diameter: 0.25

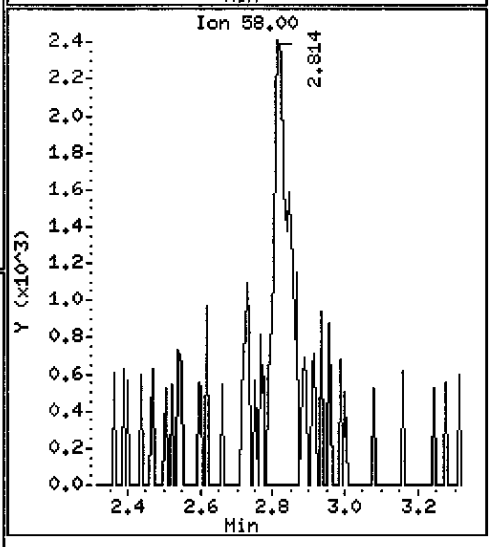
9 Acetone

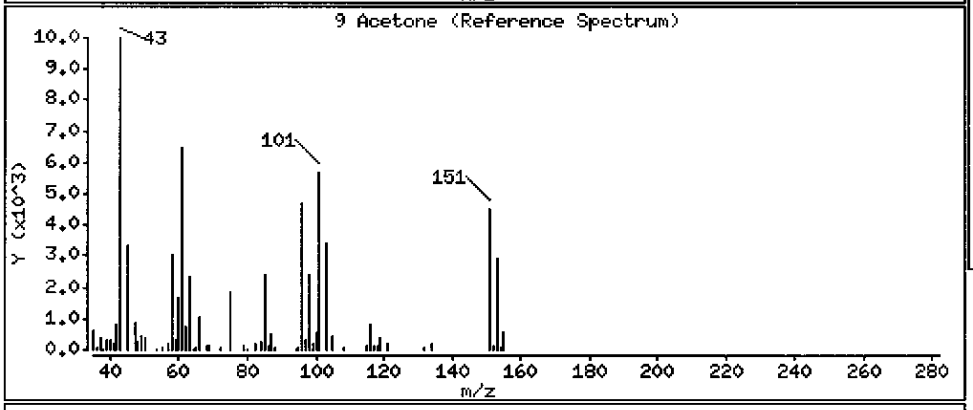
Concentration: 3600 ug/Kg

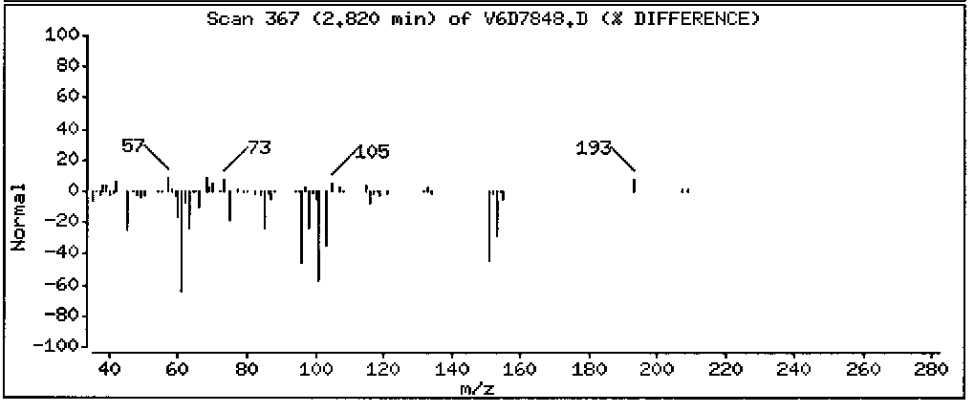












Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7848.D

Date : 19-AUG-2005 16:23

Client ID: SD02-S-DDL

Instrument: V6.i

Sample Info: ,D0926-03F,,19570

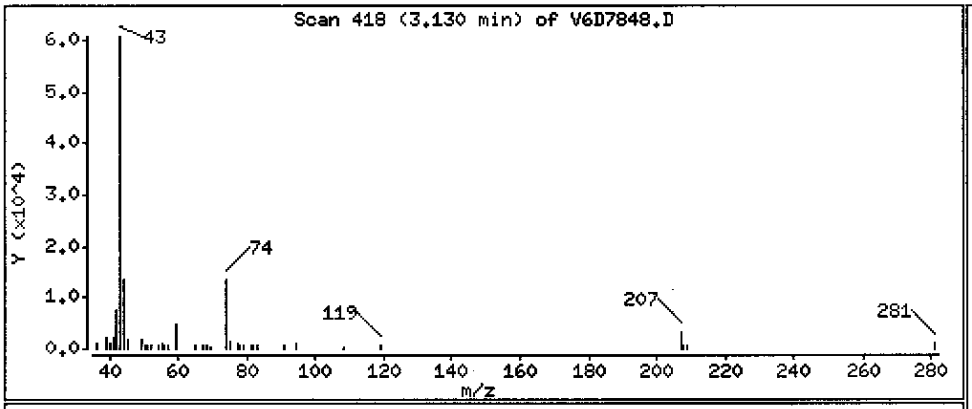
Operator: SB SRC: LIMS

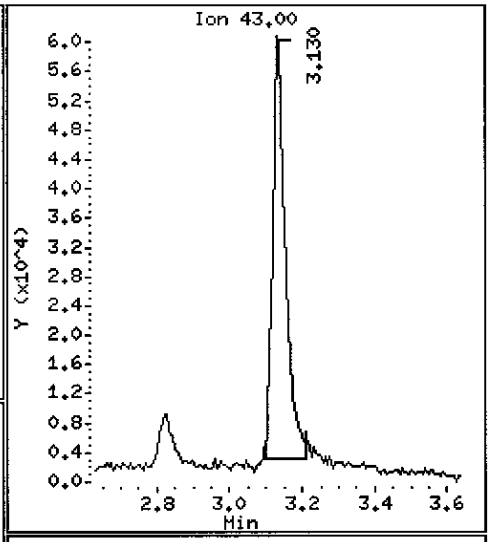
Column phase: DB-624

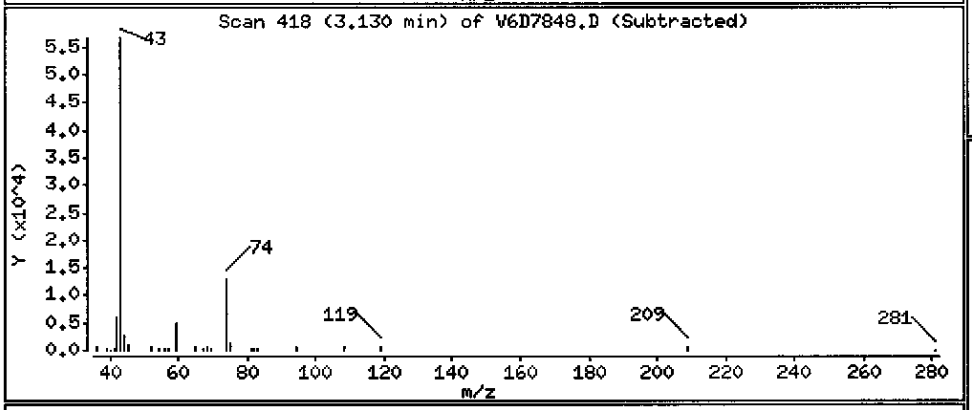
Column diameter: 0.25

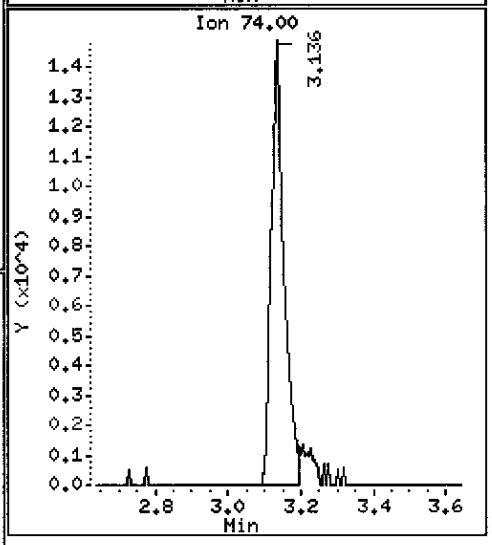
11 Methyl Acetate

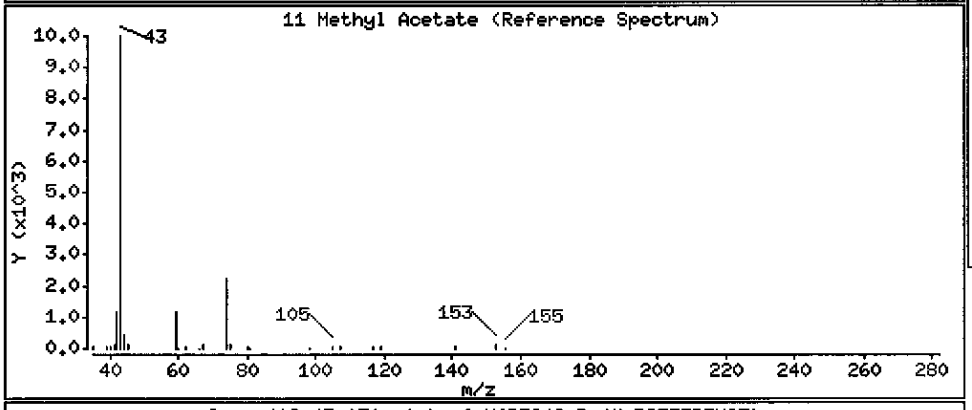
Concentration: 11000 ug/Kg

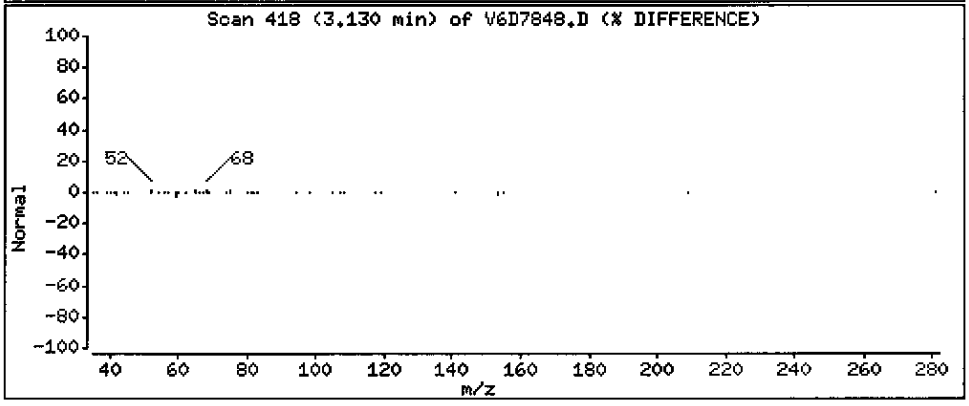












Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7848.D

Date : 19-AUG-2005 16:23

Client ID: SD02-S-DDL

Instrument: V6.i

Sample Info: ,D0926-03F,,19570

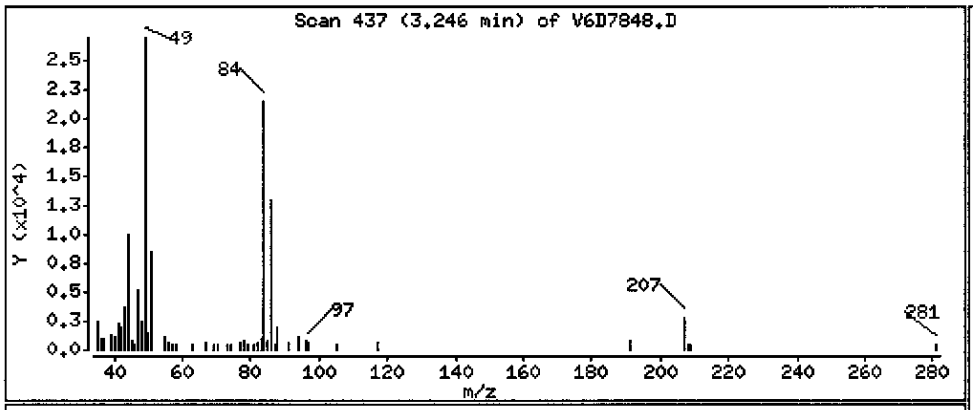
Operator: SB SRC: LIMS

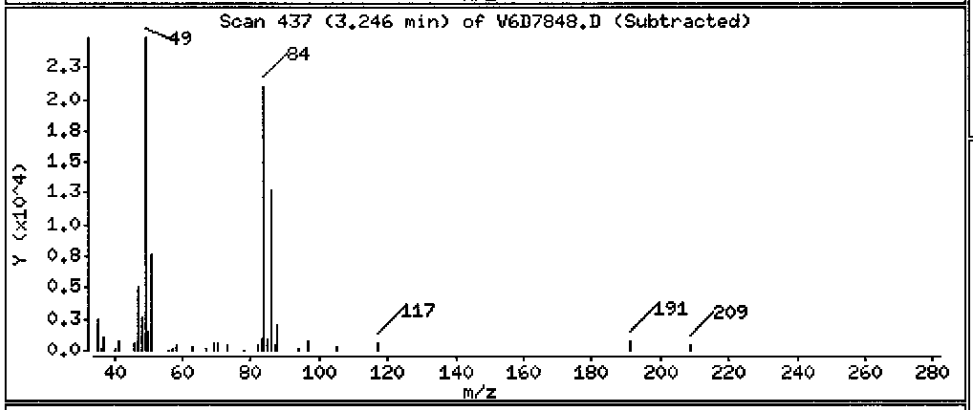
Column phase: DB-624

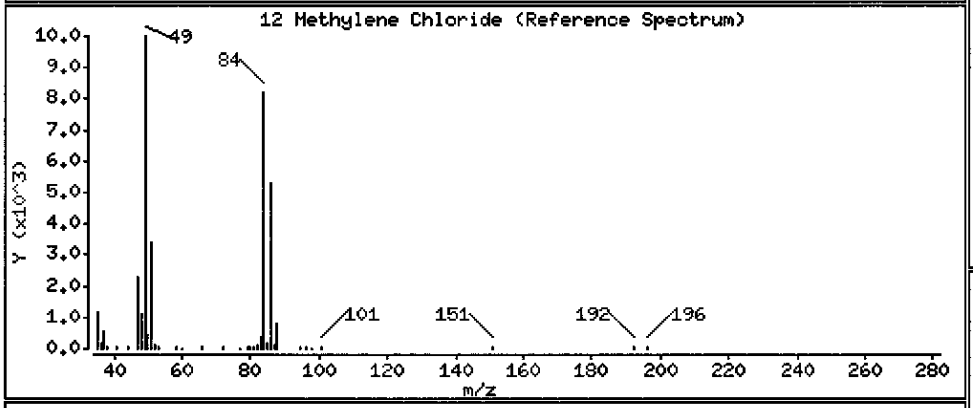
Column diameter: 0.25

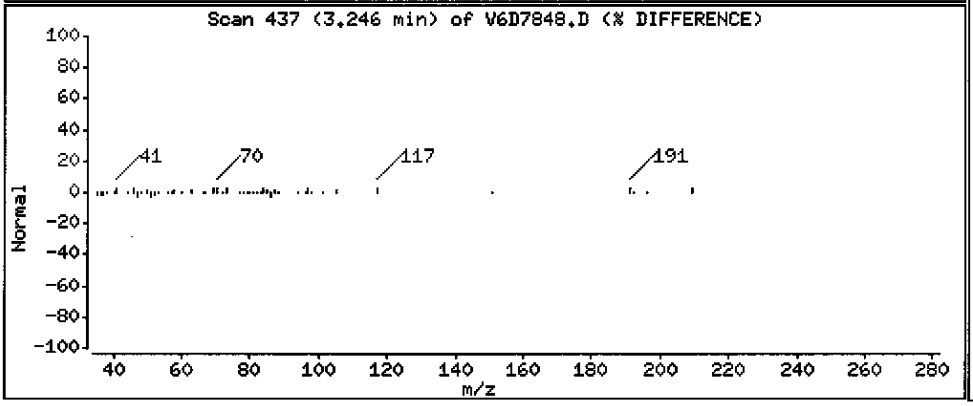
12 Methylene Chloride

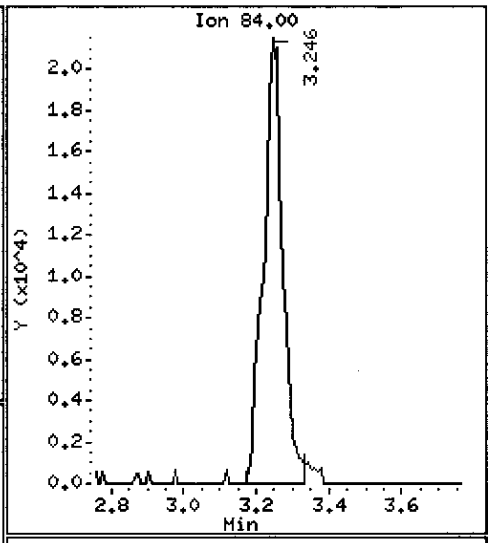
Concentration: 3600 ug/Kg

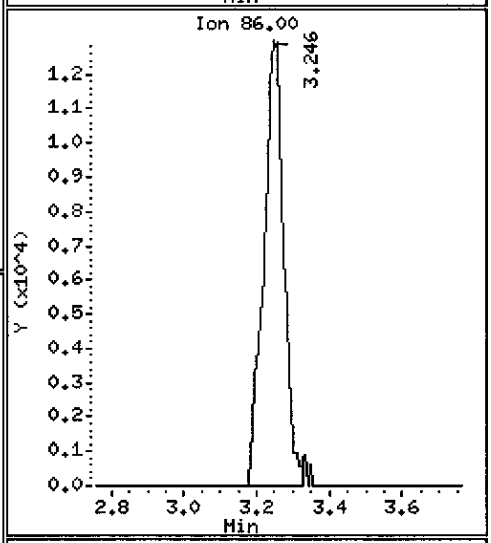


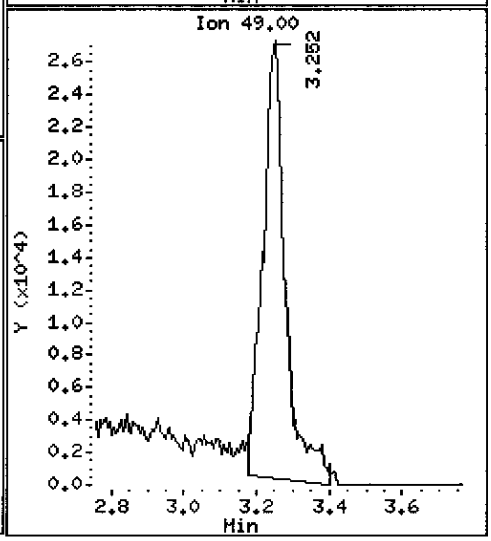












1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02E

Sample wt/vol: 5.6 (g/mL) G Lab File ID: V1G9599

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 79 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	43	U
74-87-3	Chloromethane	43	U
75-01-4	Vinyl Chloride	43	U
74-83-9	Bromomethane	43	U
75-00-3	Chloroethane	43	U
75-69-4	Trichlorofluoromethane	43	U
75-35-4	1,1-Dichloroethene	43	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	43	U
67-64-1	Acetone	1400	E
75-15-0	Carbon Disulfide	27	J
79-20-9	Methyl Acetate	43	U
75-09-2	Methylene Chloride	180	
156-60-5	trans-1,2-Dichloroethene	43	U
1634-04-4	Methyl tert-Butyl Ether	43	U
75-34-3	1,1-Dichloroethane	43	U
156-59-2	cis-1,2-Dichloroethene	43	U
78-93-3	2-Butanone	610	
67-66-3	Chloroform	43	U
71-55-6	1,1,1-Trichloroethane	43	U
110-82-7	Cyclohexane	43	U
56-23-5	Carbon Tetrachloride	43	U
71-43-2	Benzene	43	U
107-06-2	1,2-Dichloroethane	43	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02E

Sample wt/vol: 5.6 (g/mL) G Lab File ID: V1G9599

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 79 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	43	U
108-87-2	Methylcyclohexane	43	U
78-87-5	1,2-Dichloropropane	43	U
75-27-4	Bromodichloromethane	43	U
10061-01-5	cis-1,3-Dichloropropene	43	U
108-10-1	4-Methyl-2-Pentanone	43	U
108-88-3	Toluene	43	U
10061-02-6	trans-1,3-Dichloropropene	43	U
79-00-5	1,1,2-Trichloroethane	43	U
127-18-4	Tetrachloroethene	11	J
591-78-6	2-Hexanone	43	U
124-48-1	Dibromochloromethane	43	U
106-93-4	1,2-Dibromoethane	43	U
108-90-7	Chlorobenzene	43	U
100-41-4	Ethylbenzene	43	U
1330-20-7	Xylene (Total)	43	U
100-42-5	Styrene	43	U
75-25-2	Bromoform	43	U
98-82-8	Isopropylbenzene	43	U
79-34-5	1,1,2,2-Tetrachloroethane	43	U
541-73-1	1,3-Dichlorobenzene	43	U
106-46-7	1,4-Dichlorobenzene	43	U
95-50-1	1,2-Dichlorobenzene	43	U
96-12-8	1,2-Dibromo-3-chloropropane	43	U
120-82-1	1,2,4-Trichlorobenzene	43	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD02-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02E

Sample wt/vol: 5.6 (g/mL) G Lab File ID: V1G9599

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 79 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 5

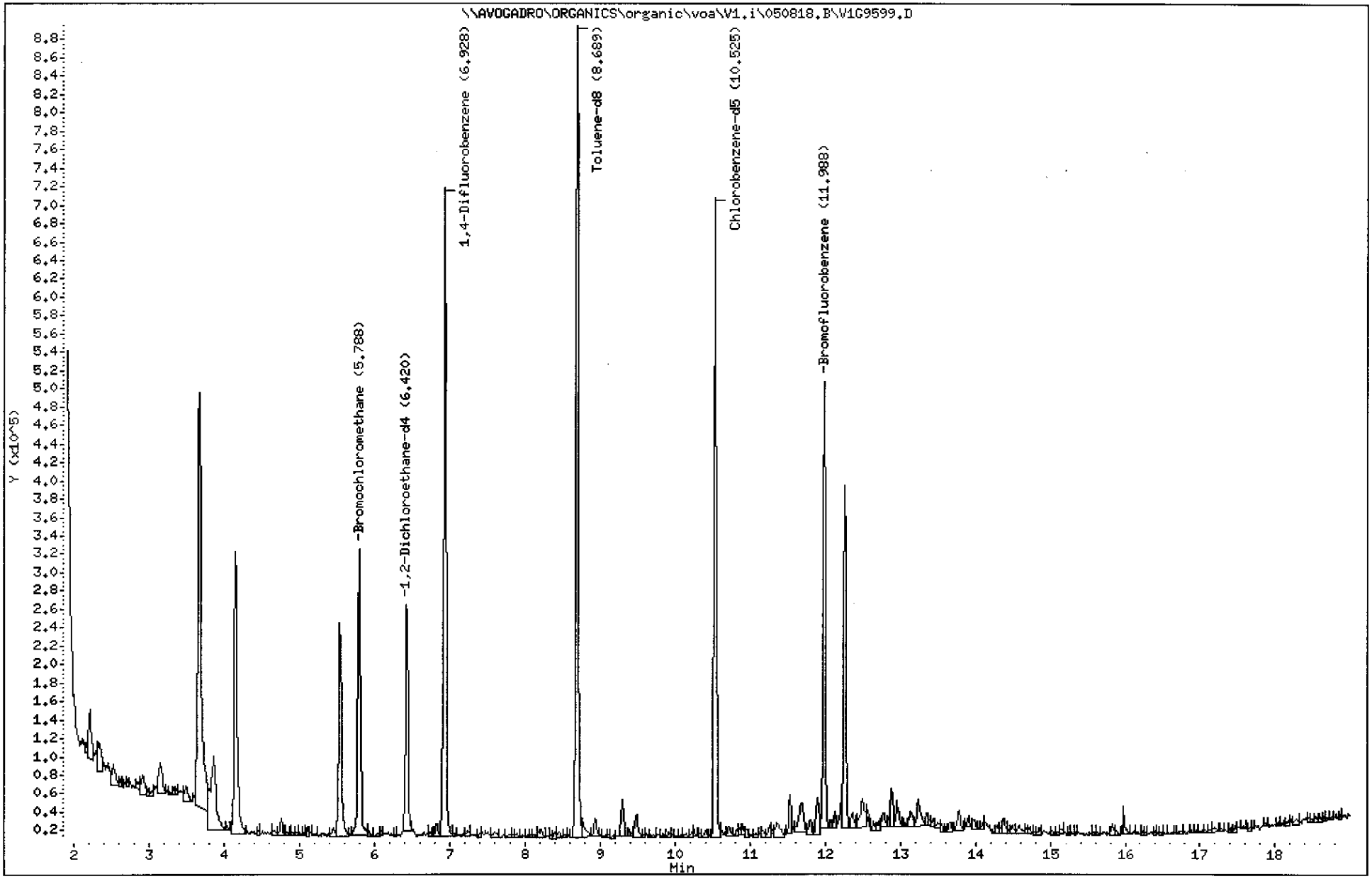
CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	2.20	39	J
2.		UNKNOWN	2.33	28	J
3.		UNKNOWN	3.15	33	J
4.		UNKNOWN	11.68	22	J
5.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.26	120	NJ
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9599.D
Date : 18-AUG-2005 16:11
Client ID: SD02-S-0
Sample Info: ,D0926-02E,,19555,

Instrument: V1.i

Operator: LG SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9599.D
Report Date: 22-Aug-2005 14:43

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9599.D
Lab Smp Id: D0926-02E Client Smp ID: SD02-S-O
Inj Date : 18-AUG-2005 16:11
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-02E,,19555,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D ✓
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.600	Weight of sample (g)
M	79.000	% Moisture (not decanted)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
9	Acetone	43	3.667	3.667	(0.634)	885943	331.073	1400(A)
10	Carbon Disulfide	76	3.865	3.866	(0.668)	88994	6.45834	27(a)
12	Methylene Chloride	84	4.138	4.139	(0.715)	162377	41.9636	180
16	2-Butanone	43	5.527	5.527	(0.955)	430092	142.517	610
* 18	Bromochloromethane	128	5.788	5.788	(1.000)	87988	50.0000	
$ 23	1,2-Dichloroethane-d4	65	6.420	6.420	(1.109)	231405	51.7051	220
* 26	1,4-Difluorobenzene	114	6.928	6.929	(1.000)	605433	50.0000	
$ 33	Toluene-d8	98	8.689	8.690	(0.826)	648576	54.3462	230
37	Tetrachloroethene	164	9.483	9.483	(0.901)	7431	2.47293	11(a)
* 42	Chlorobenzene-d5	117	10.525	10.525	(1.000)	429106	50.0000	
$ 50	Bromofluorobenzene	95	11.988	11.988	(1.139)	187828	39.1123	170

SB
8/22/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9599.D
Report Date: 22-Aug-2005 14:43

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9599.D
Report Date: 22-Aug-2005 14:43

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9599.D
Lab Smp Id: D0926-02E Client Smp ID: SD02-S-O
Inj Date : 18-AUG-2005 16:11
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-02E,,19555,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.600	Weight of sample (g)
M	79.000	% Moisture (not decanted)

ISTD	RT	AREA	AMOUNT
* 18 Bromochloromethane	5.788	806703	50.000
* 42 Chlorobenzene-d5	10.525	1516121	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
2.204	148372	9.19619736	39	0		0	18
Unknown				CAS #:			
2.328	105150	6.51726844	28	0		0	18

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9599.D
Report Date: 22-Aug-2005 14:43

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
3.146	123445	7.65120497	33	0		0	18
Unknown				CAS #:			
11.678	153663	5.06763642	22	0		0	42
Cyclotetrasiloxane, octamethyl-				CAS #: 556-67-2			
12.261	849824	28.0262591	120	91	NIST98.L	115616	42

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9599.D

Date : 18-AUG-2005 16:11

Client ID: SD02-S-O

Instrument: V1.i

Sample Info: ,D0926-02E,,19555,

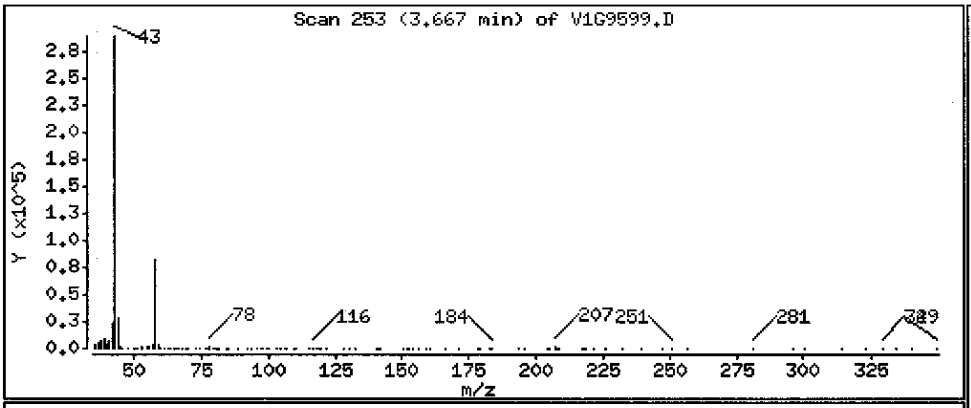
Operator: LG SRC: LIMS

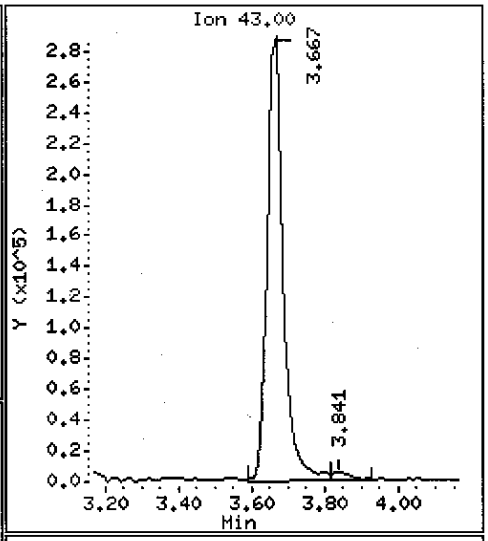
Column phase: DB-624

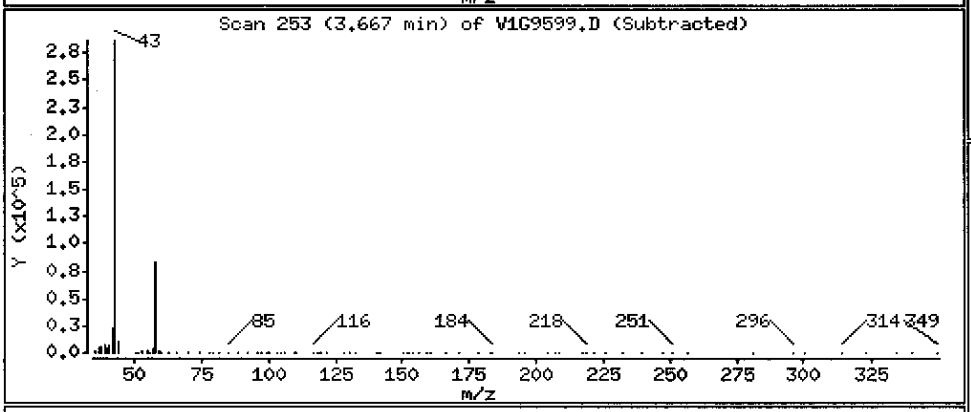
Column diameter: 0.25

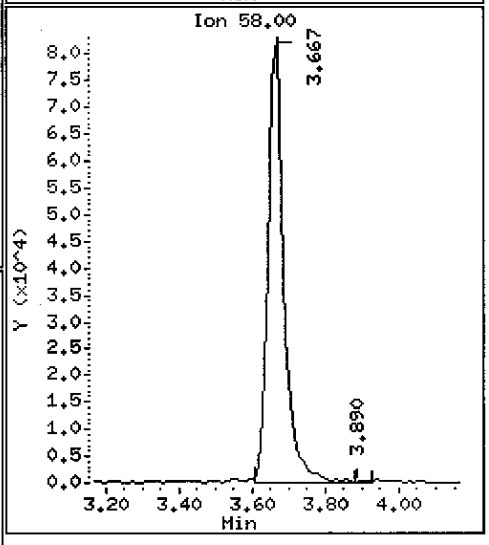
9 Acetone

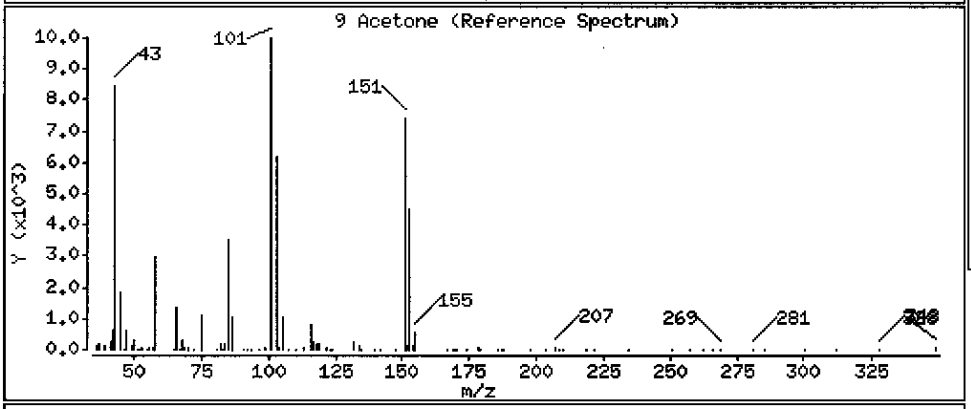
Concentration: 1400 ug/Kg

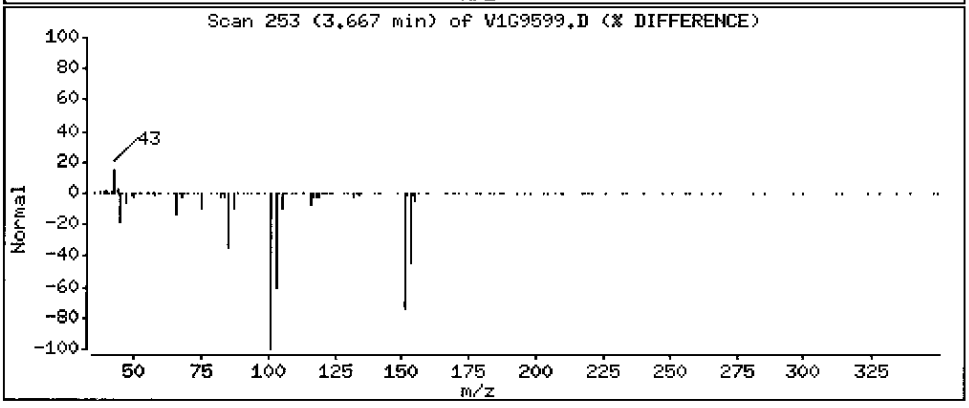












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9599.D

Date : 18-AUG-2005 16:11

Client ID: SD02-S-0

Instrument: V1.i

Sample Info: ,D0926-02E,,19555,

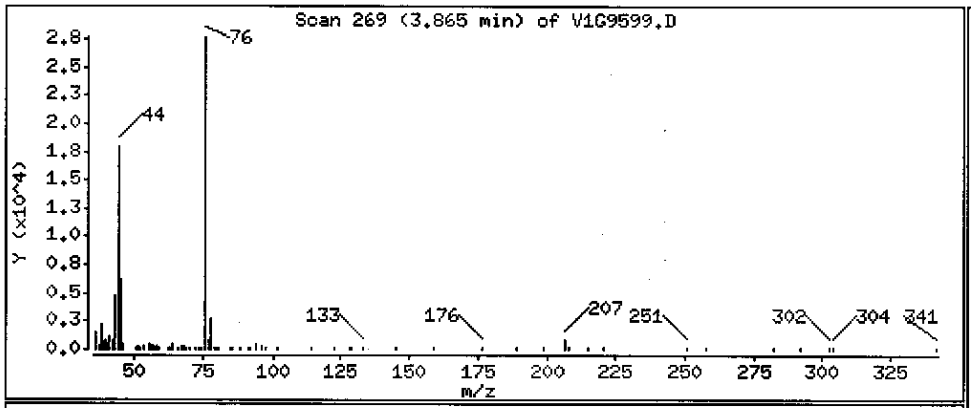
Operator: LG SRC: LIMS

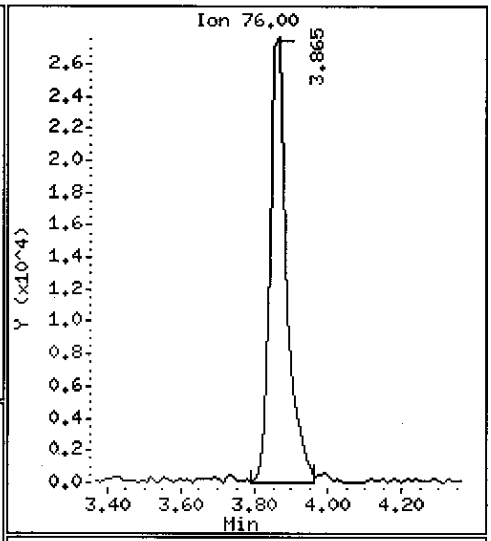
Column phase: DB-624

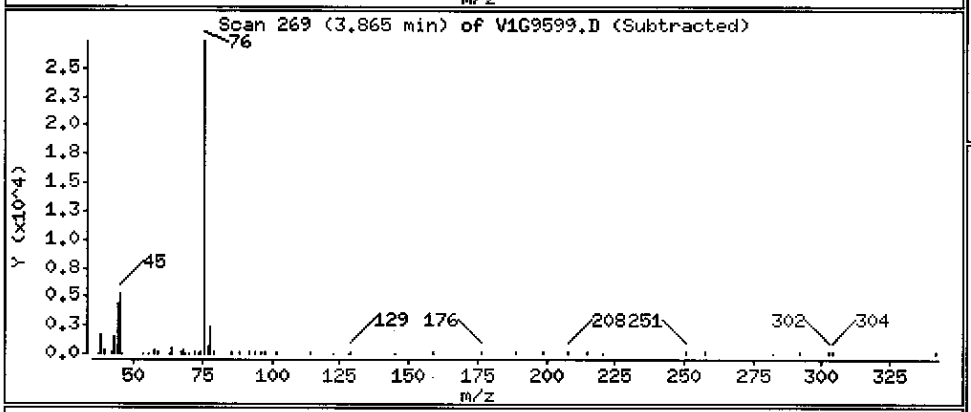
Column diameter: 0.25

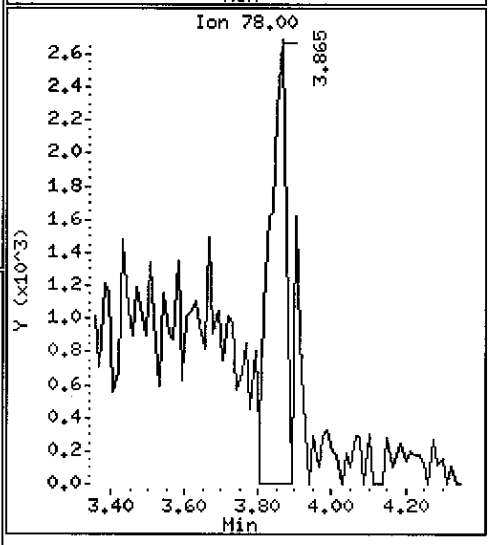
10 Carbon Disulfide

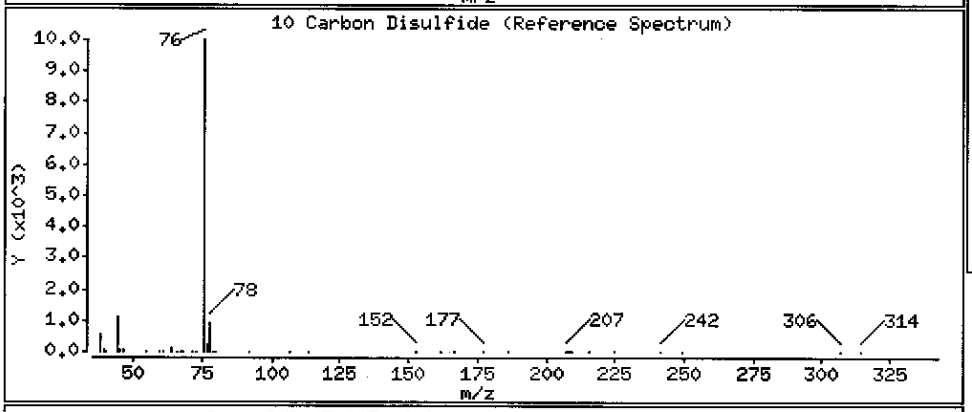
Concentration: 27 ug/Kg

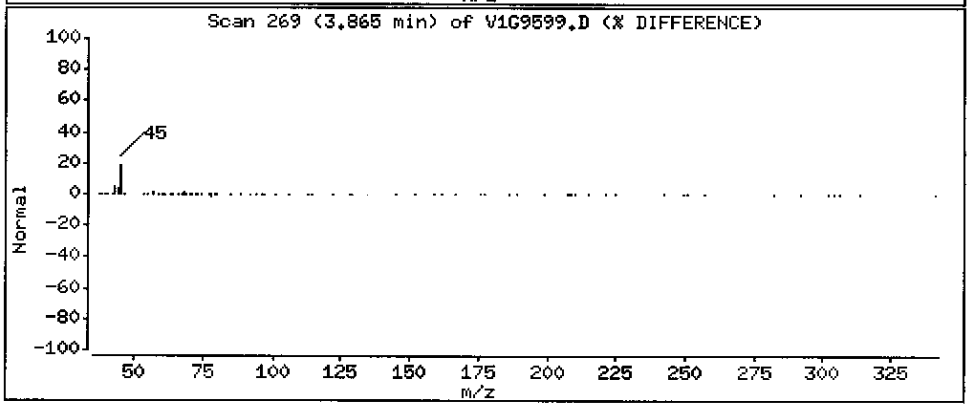












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9599.D

Date : 18-AUG-2005 16:11

Client ID: SD02-S-O

Instrument: V1.i

Sample Info: ,D0926-02E,,19555,

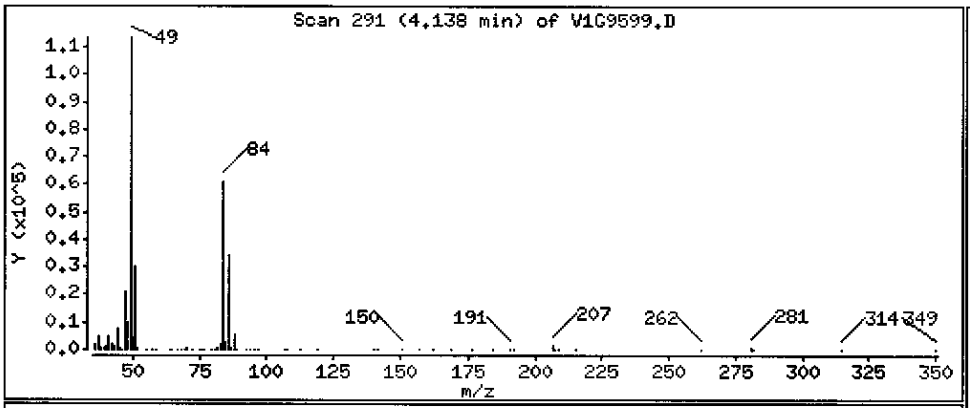
Operator: LG SRC: LIMS

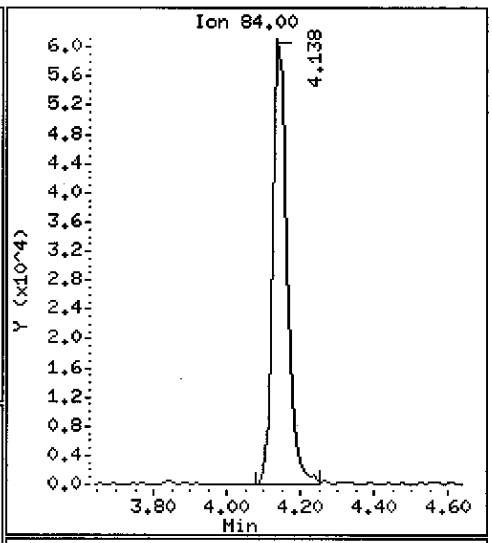
Column phase: DB-624

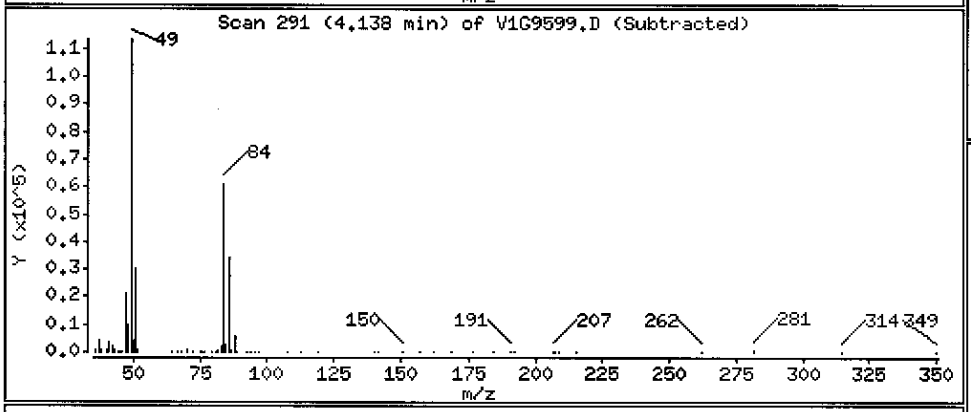
Column diameter: 0.25

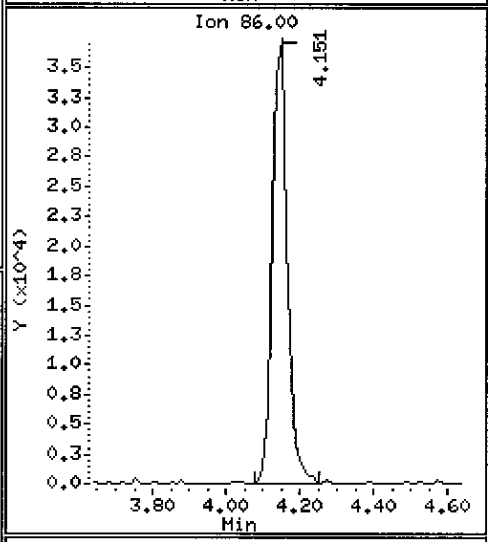
12 Methylene Chloride

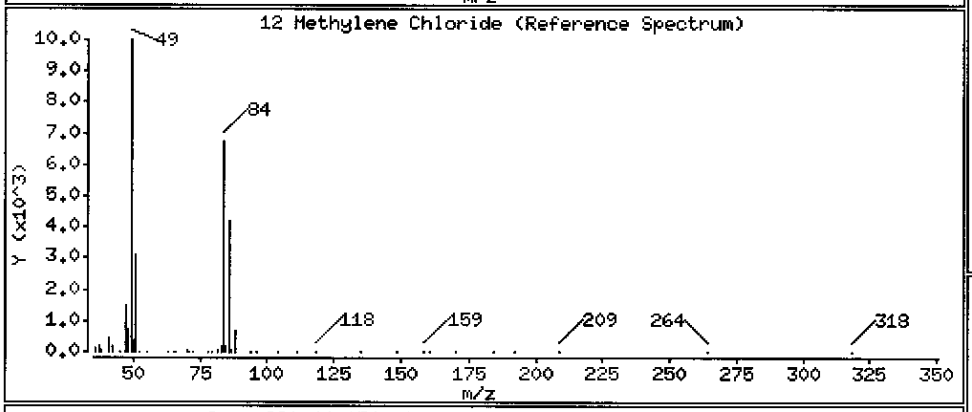
Concentration: 180 ug/Kg

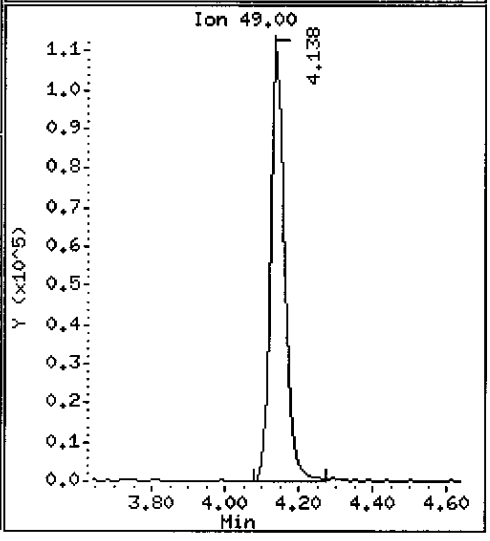


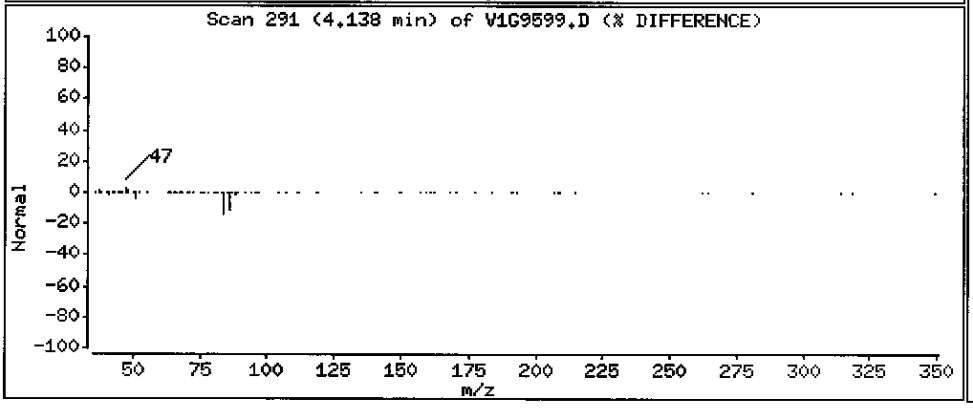












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9599.D

Date : 18-AUG-2005 16:11

Client ID: SD02-S-0

Instrument: V1.i

Sample Info: ,D0926-02E,,19555,

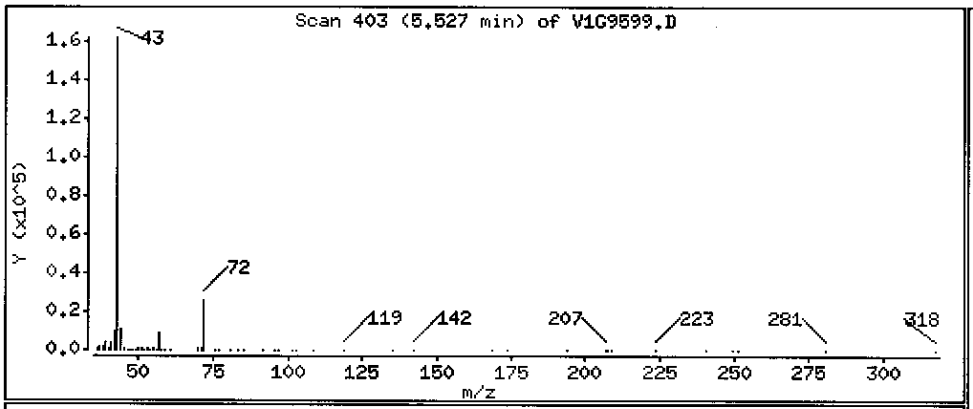
Operator: LG SRC: LIMS

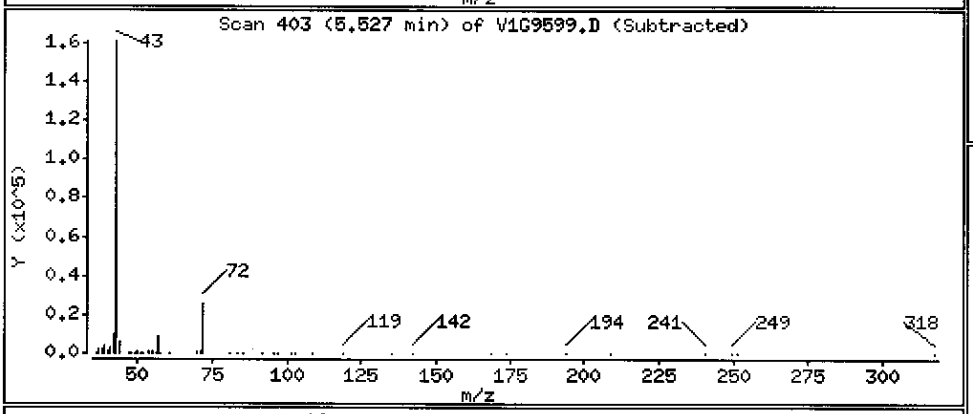
Column phase: DB-624

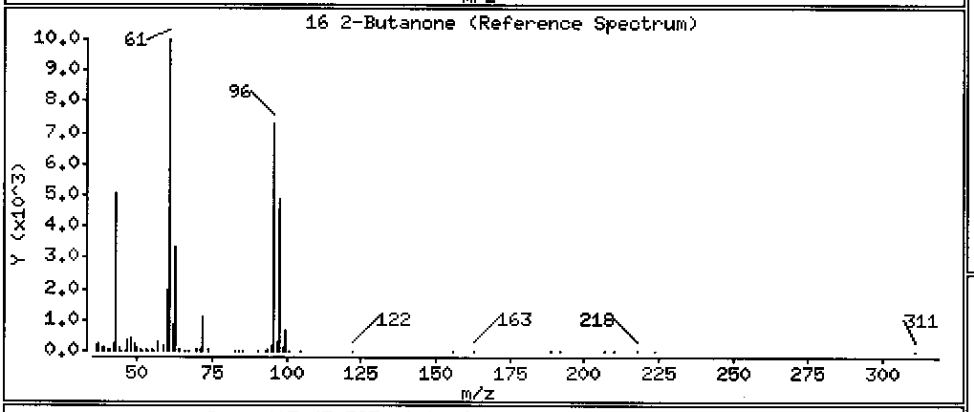
Column diameter: 0.25

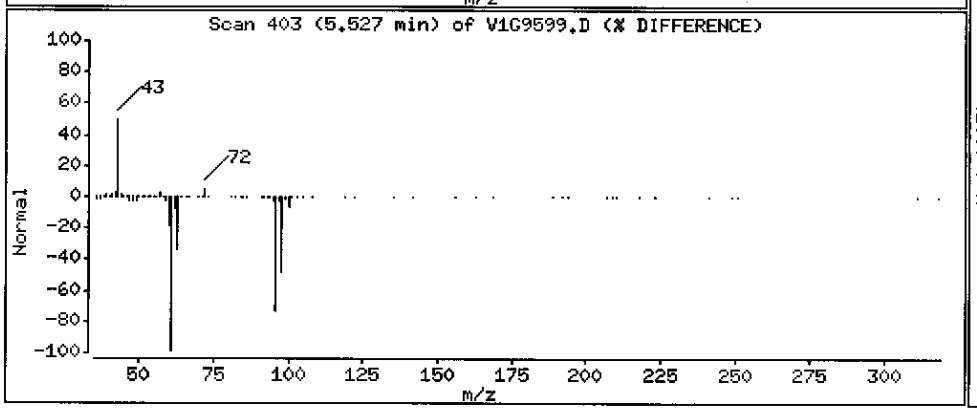
16 2-Butanone

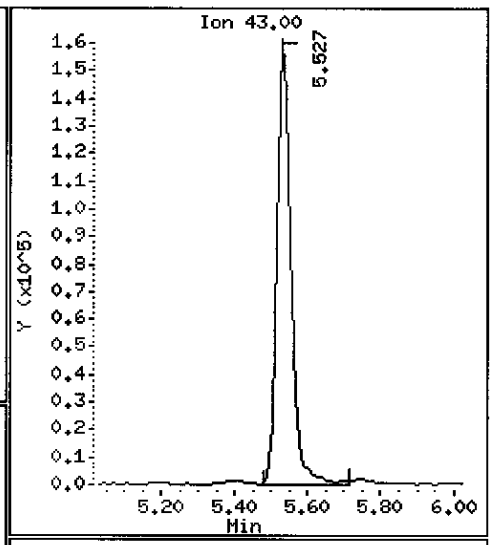
Concentration: 610 ug/Kg

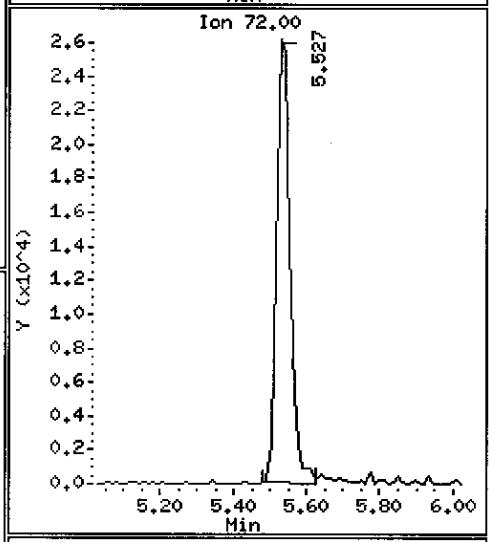


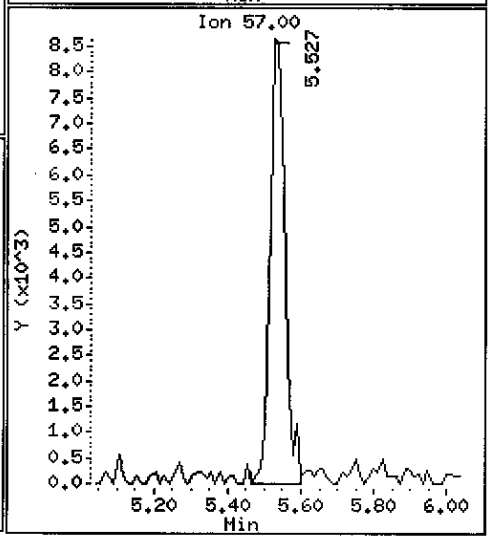












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9599.D

Date : 18-AUG-2005 16:11

Client ID: SD02-S-0

Instrument: V1.i

Sample Info: ,D0926-02E,,19555,

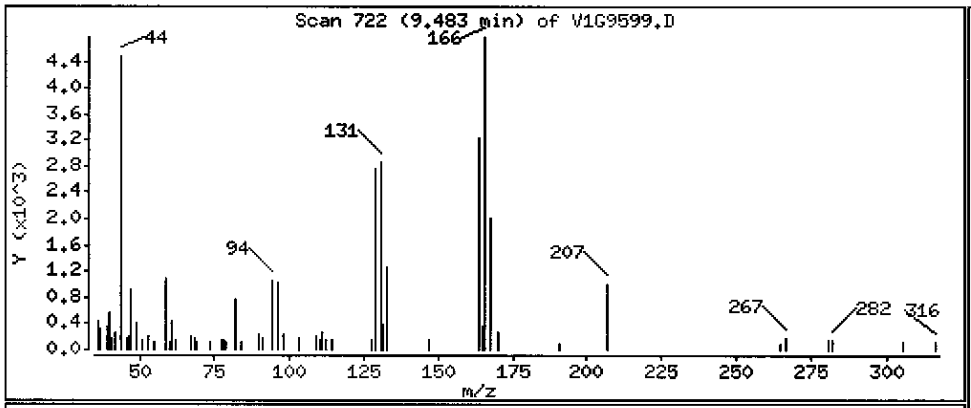
Operator: LG SRC: LIMS

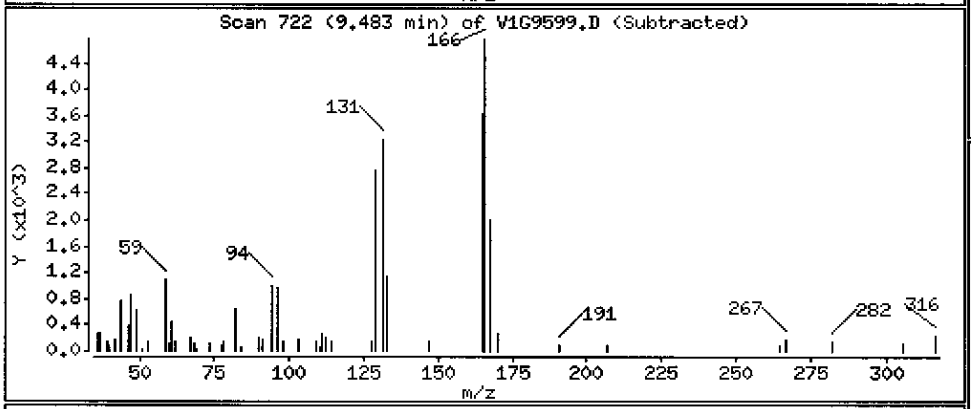
Column phase: DB-624

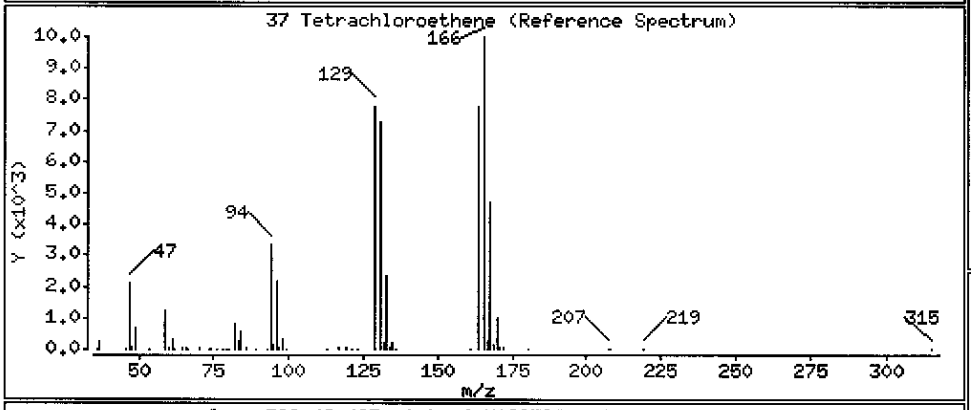
Column diameter: 0.25

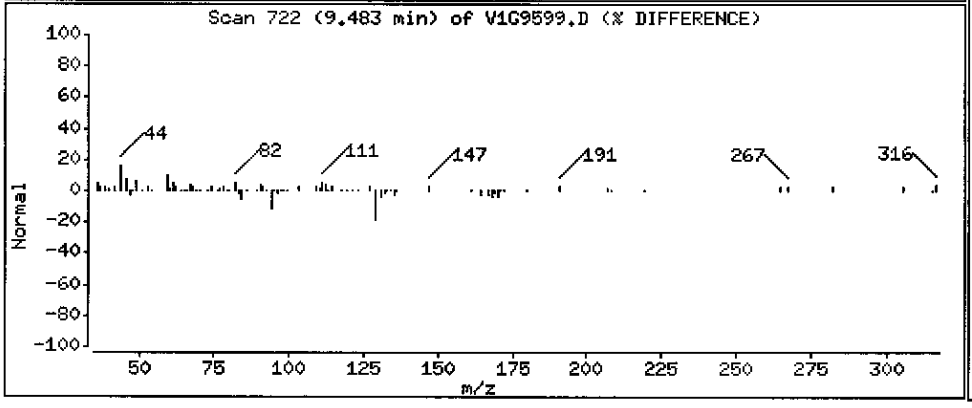
37 Tetrachloroethene

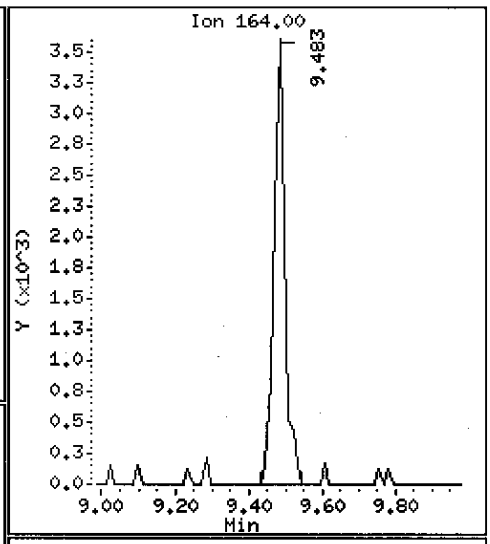
Concentration: 11 ug/Kg

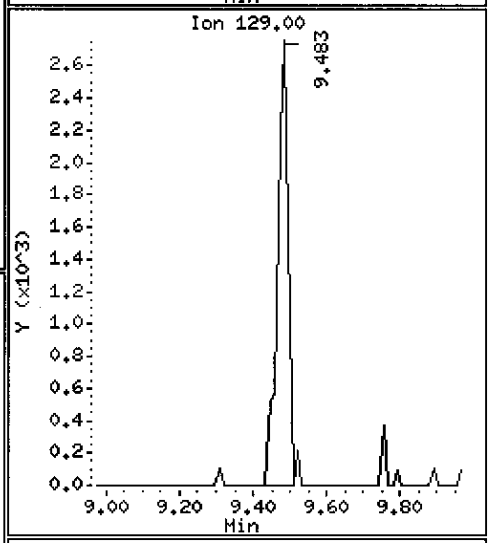


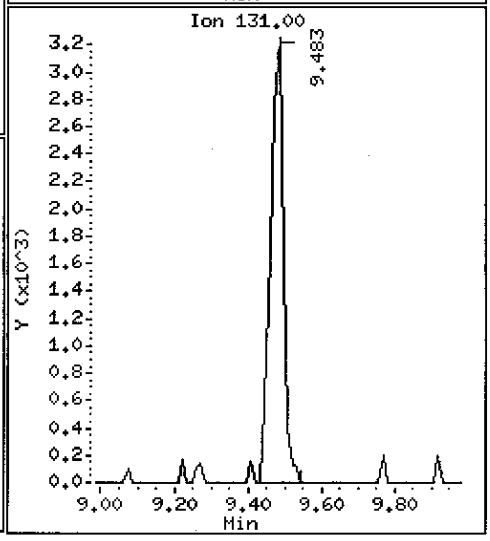












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9599.D

Date : 18-AUG-2005 16:11

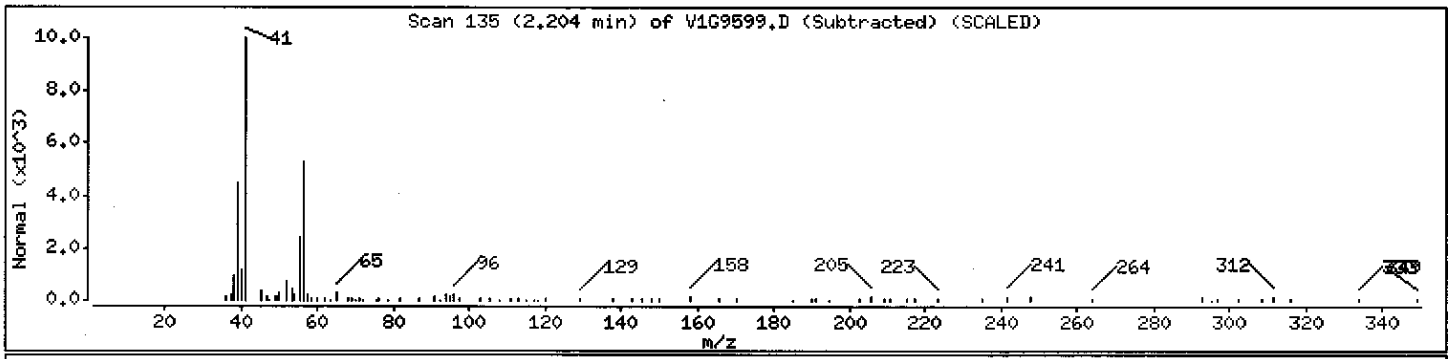
Client ID: SD02-S-0 Instrument: V1.i

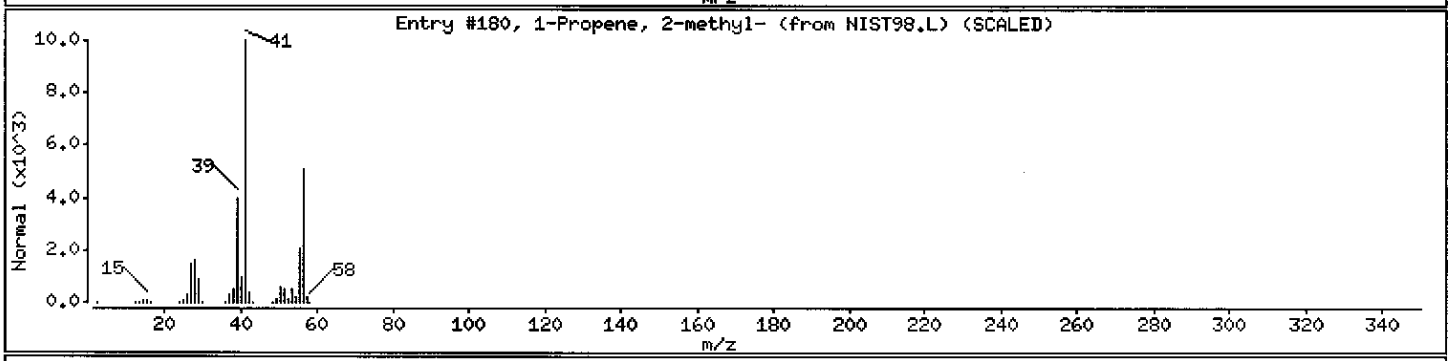
Sample Info: ,D0926-02E,,19555,

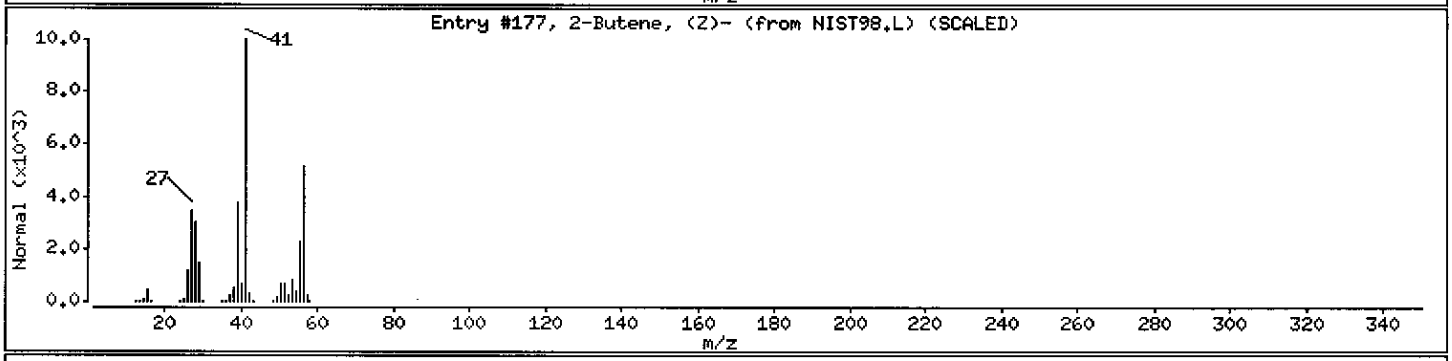
Operator: LG SRC: LIMS

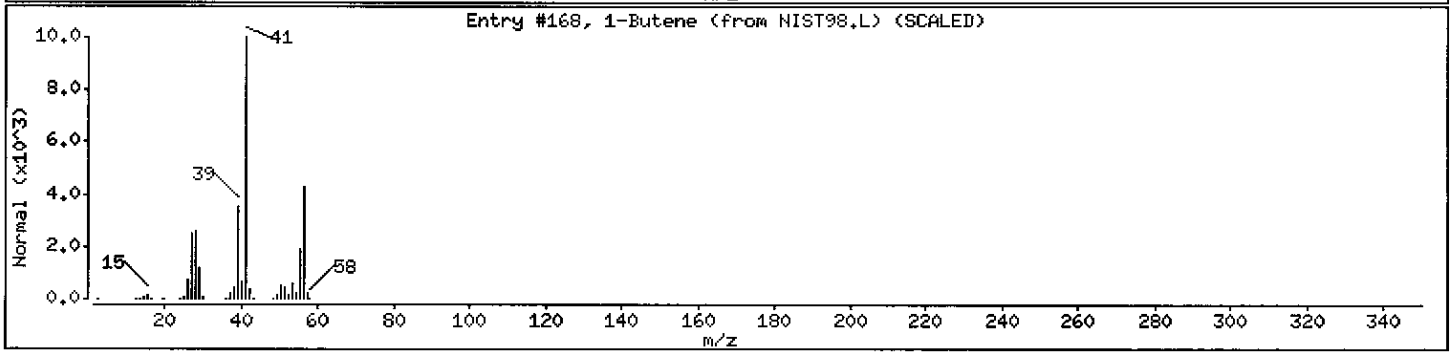
Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Propene, 2-methyl-	115-11-7	NIST98.L	180	74	C4H8	56
2-Butene, (Z)-	590-18-1	NIST98.L	177	72	C4H8	56
1-Butene	106-98-9	NIST98.L	168	72	C4H8	56









Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9599.D

Date : 18-AUG-2005 16:11

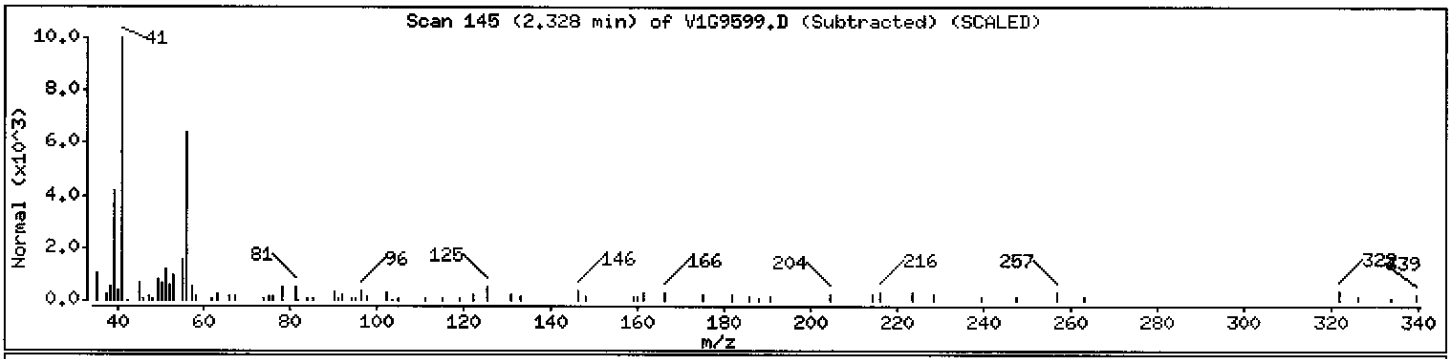
Client ID: SD02-S-0 Instrument: V1.i

Sample Info: ,D0926-02E,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9599.D

Date : 18-AUG-2005 16:11

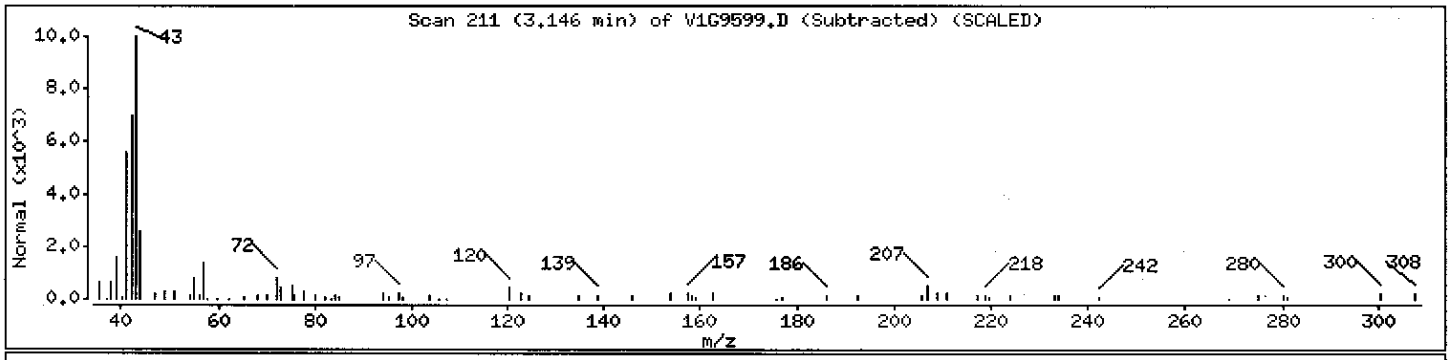
Client ID: SD02-S-0 Instrument: V1.i

Sample Info: ,D0926-02E,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9599.D

Date : 18-AUG-2005 16:11

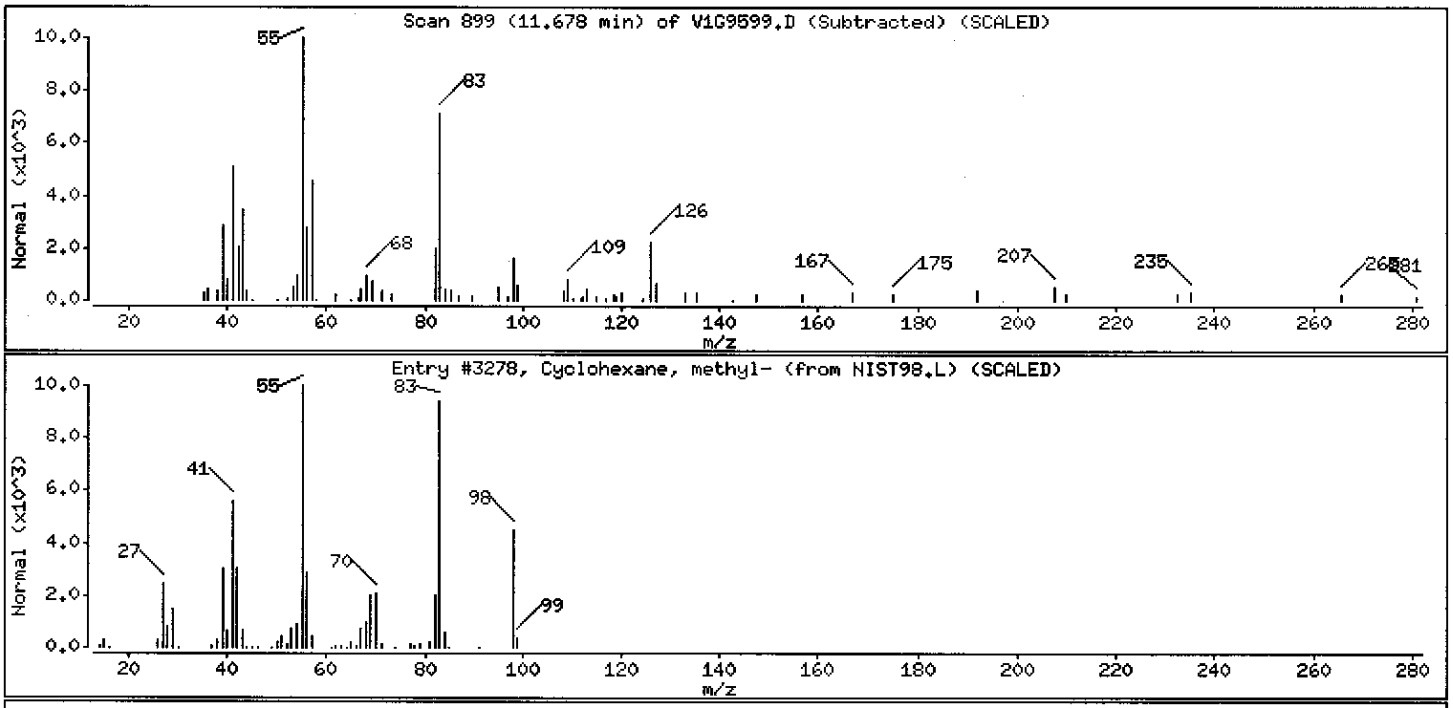
Client ID: SD02-S-0 Instrument: V1.i

Sample Info: ,D0926-02E,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclohexane, methyl-	108-87-2	NIST98.L	3278	72	C7H14	98



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9599.D

Date : 18-AUG-2005 16:11

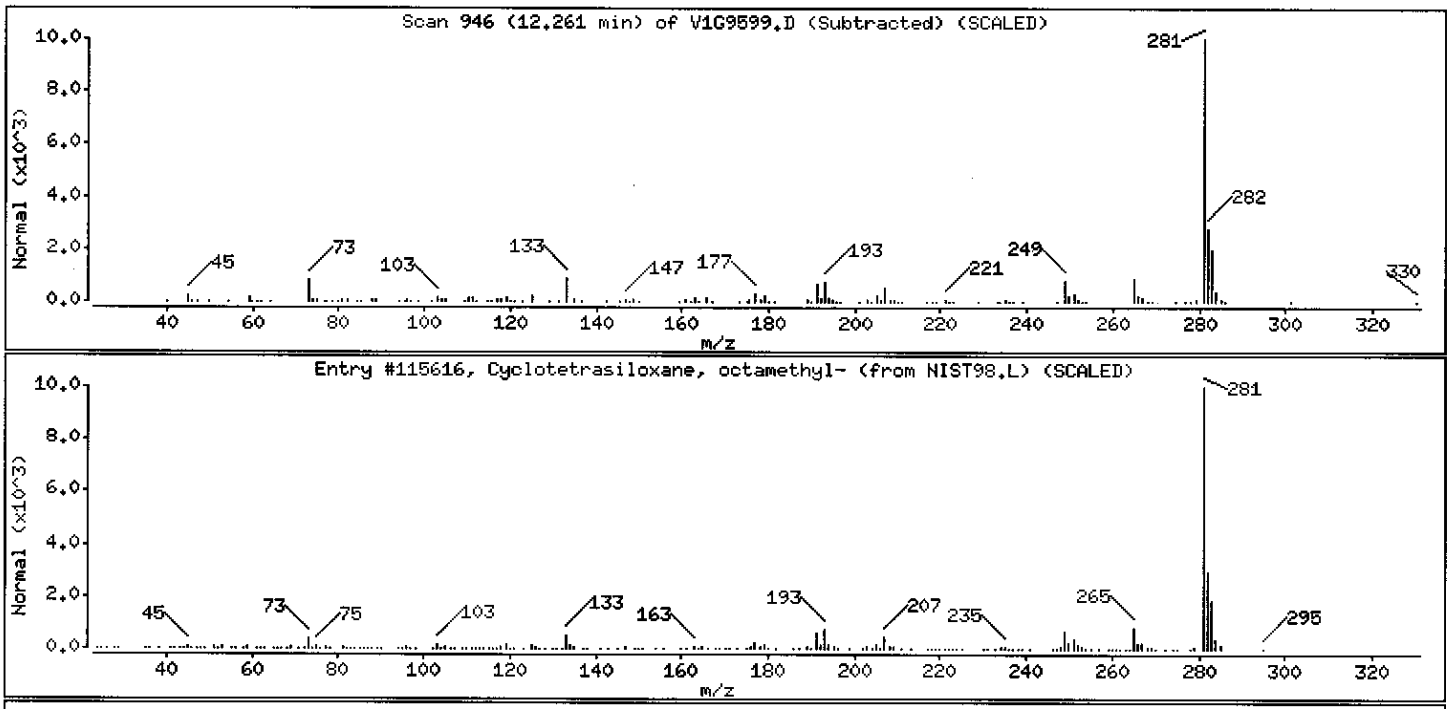
Client ID: SD02-S-0 Instrument: V1.i

Sample Info: ,D0926-02E,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST98.L	115616	91	C8H24O4Si4	296



1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02F

Sample wt/vol: 4.0 (g/mL) G Lab File ID: V6D7847

Level: (low/med) MED Date Received: 08/10/05

% Moisture: not dec. 79 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	7800	U
74-87-3	Chloromethane	7800	U
75-01-4	Vinyl Chloride	7800	U
74-83-9	Bromomethane	7800	U
75-00-3	Chloroethane	7800	U
75-69-4	Trichlorofluoromethane	7800	U
75-35-4	1,1-Dichloroethene	7800	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7800	U
67-64-1	Acetone	3100	DJ
75-15-0	Carbon Disulfide	7800	U
79-20-9	Methyl Acetate	13000	D
75-09-2	Methylene Chloride	4900	DJ
156-60-5	trans-1,2-Dichloroethene	7800	U
1634-04-4	Methyl tert-Butyl Ether	7800	U
75-34-3	1,1-Dichloroethane	7800	U
156-59-2	cis-1,2-Dichloroethene	7800	U
78-93-3	2-Butanone	7800	U
67-66-3	Chloroform	7800	U
71-55-6	1,1,1-Trichloroethane	7800	U
110-82-7	Cyclohexane	7800	U
56-23-5	Carbon Tetrachloride	7800	U
71-43-2	Benzene	7800	U
107-06-2	1,2-Dichloroethane	7800	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02F

Sample wt/vol: 4.0 (g/mL) G Lab File ID: V6D7847

Level: (low/med) MED Date Received: 08/10/05

% Moisture: not dec. 79 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	7800	U
108-87-2	Methylcyclohexane	7800	U
78-87-5	1,2-Dichloropropane	7800	U
75-27-4	Bromodichloromethane	7800	U
10061-01-5	cis-1,3-Dichloropropene	7800	U
108-10-1	4-Methyl-2-Pentanone	7800	U
108-88-3	Toluene	7800	U
10061-02-6	trans-1,3-Dichloropropene	7800	U
79-00-5	1,1,2-Trichloroethane	7800	U
127-18-4	Tetrachloroethene	7800	U
591-78-6	2-Hexanone	7800	U
124-48-1	Dibromochloromethane	7800	U
106-93-4	1,2-Dibromoethane	7800	U
108-90-7	Chlorobenzene	7800	U
100-41-4	Ethylbenzene	7800	U
1330-20-7	Xylene (Total)	7800	U
100-42-5	Styrene	7800	U
75-25-2	Bromoform	7800	U
98-82-8	Isopropylbenzene	7800	U
79-34-5	1,1,2,2-Tetrachloroethane	7800	U
541-73-1	1,3-Dichlorobenzene	7800	U
106-46-7	1,4-Dichlorobenzene	7800	U
95-50-1	1,2-Dichlorobenzene	7800	U
96-12-8	1,2-Dibromo-3-chloropropane	7800	U
120-82-1	1,2,4-Trichlorobenzene	7800	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SD02-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02F

Sample wt/vol: 4.0 (g/mL) G Lab File ID: V6D7847

Level: (low/med) MED Date Received: 08/10/05

% Moisture: not dec. 79 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Number TICs found: 0

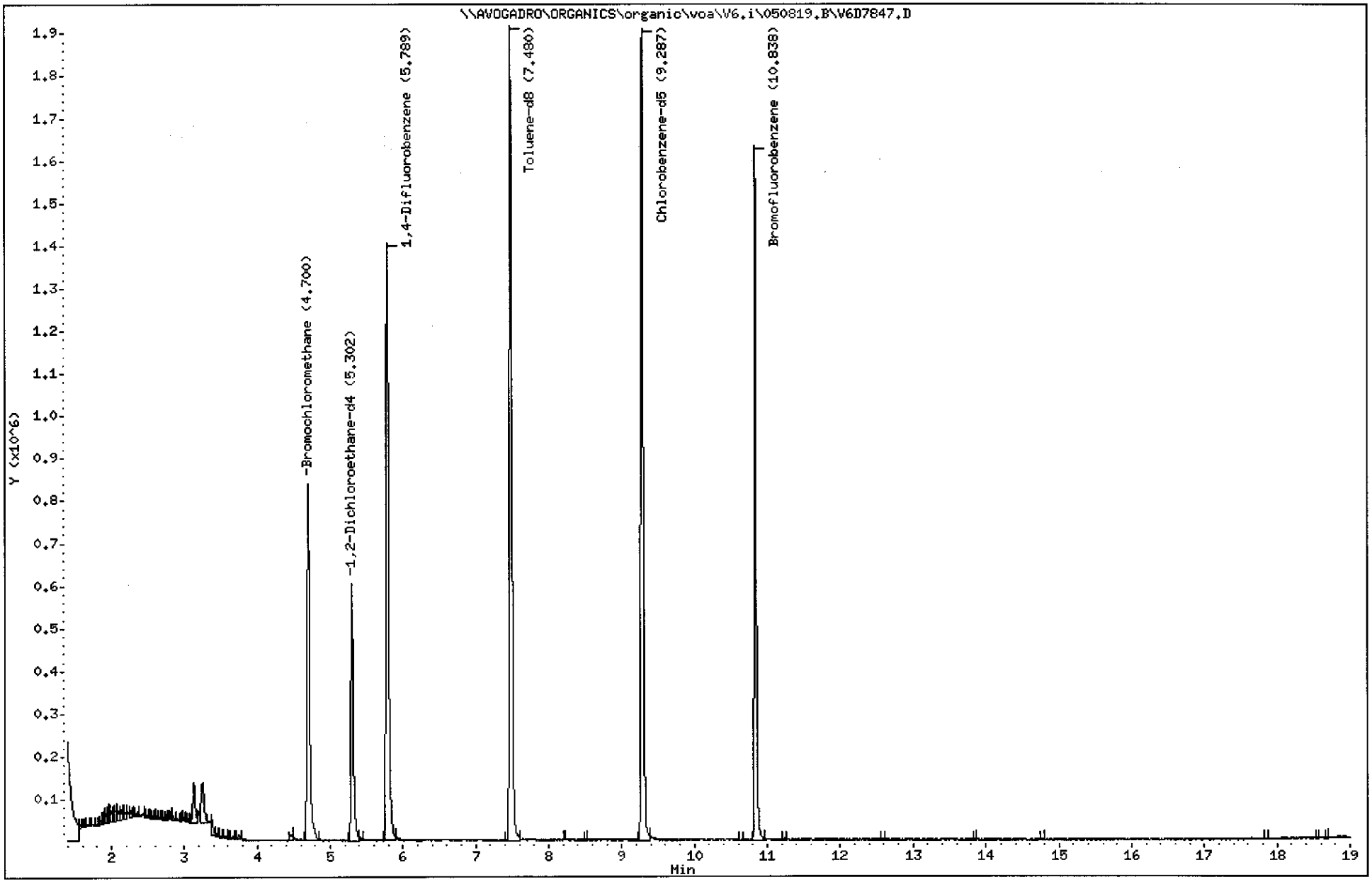
CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7847.D
Date : 19-AUG-2005 15:54
Client ID: SD02-S-ODL
Sample Info: ,D0926-02F,,19570

Instrument: V6.i

Operator: SB SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7847.D
Report Date: 23-Aug-2005 14:49

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7847.D
Lab Smp Id: D0926-02F Client Smp ID: SD02-S-ODL
Inj Date : 19-AUG-2005 15:54
Operator : SB SRC: LIMS Inst ID: V6.i
Smp Info : ,D0926-02F,,19570
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\v6clp4s.m
Meth Date : 23-Aug-2005 14:45 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 11:14 Cal File: V6D7841.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula:
Amt * DF * Uf * ((Vt+(Ws*M *10)) * 5)/(Va * Ws * ((100-M)/100))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	4.000	Weight of sample extracted (g)
M	79.000	% Moisture (not decanted)
Vt	10000.000	Methanol extract volume (uL)
Va	100.000	Aliquot of methanol (uL)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	9 Acetone	43	2.820	2.816	(0.600)	17372	3.99010	3100(a)
	11 Methyl Acetate	43	3.130	3.133	(0.666)	136675	17.2158	13000
	12 Methylene Chloride	84	3.252	3.261	(0.692)	86035	6.24869	4900(a)
*	18 Bromochloromethane	128	4.700	4.708	(1.000)	260153	50.0000	
$	23 1,2-Dichloroethane-d4	65	5.302	5.305	(1.128)	522598	46.1782	36000
*	26 1,4-Difluorobenzene	114	5.789	5.791	(1.000)	1431911	50.0000	
$	33 Toluene-d8	98	7.480	7.482	(0.805)	1594693	49.4040	39000
*	42 Chlorobenzene-d5	117	9.287	9.289	(1.000)	1358273	50.0000	
$	50 Bromofluorobenzene	95	10.838	10.841	(1.167)	665137	48.2714	38000

SB 8/23/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7847.D
Report Date: 23-Aug-2005 14:49

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7847.D
Report Date: 23-Aug-2005 14:49

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7847.D
Lab Smp Id: D0926-02F Client Smp ID: SD02-S-ODL
Inj Date : 19-AUG-2005 15:54
Operator : SB SRC: LIMS Inst ID: V6.i
Smp Info : ,D0926-02F,,19570
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\v6clp4s.m
Meth Date : 23-Aug-2005 14:45 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 11:14 Cal File: V6D7841.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7847.D

Date : 19-AUG-2005 15:54

Client ID: SD02-S-ODL

Instrument: V6.i

Sample Info: ,D0926-02F,,19570

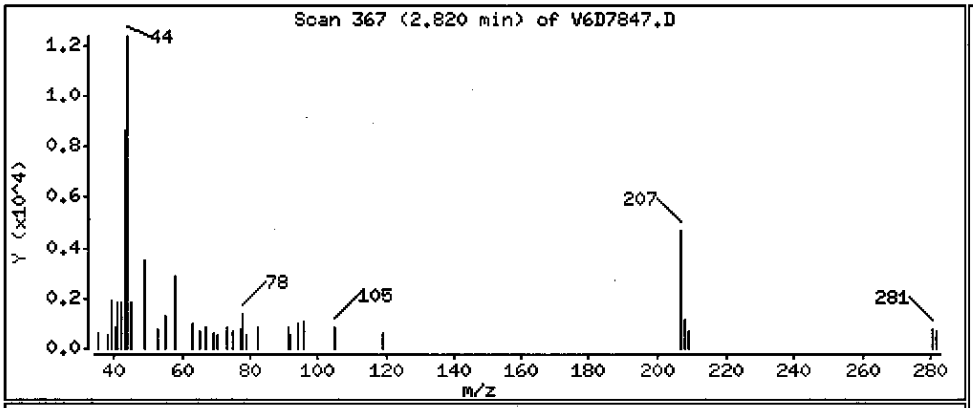
Operator: SB SRC: LIMS

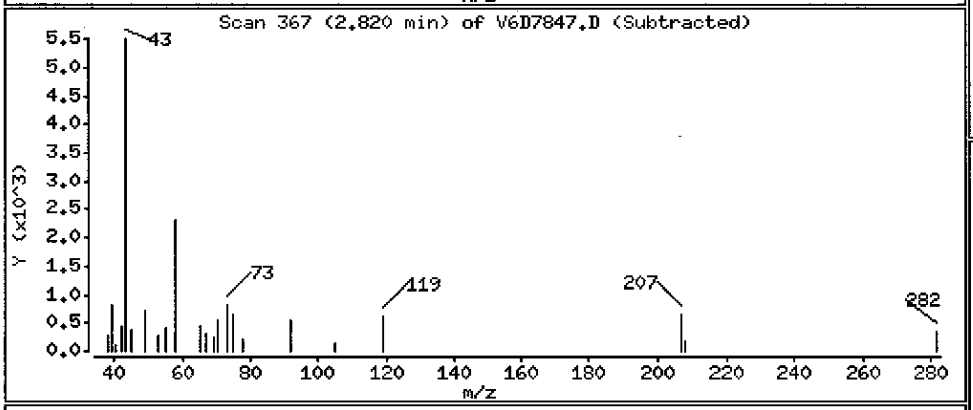
Column phase: DB-624

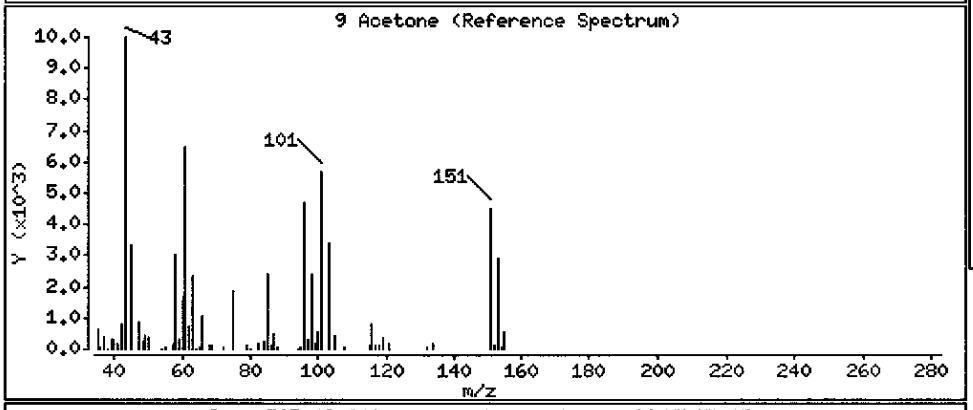
Column diameter: 0.25

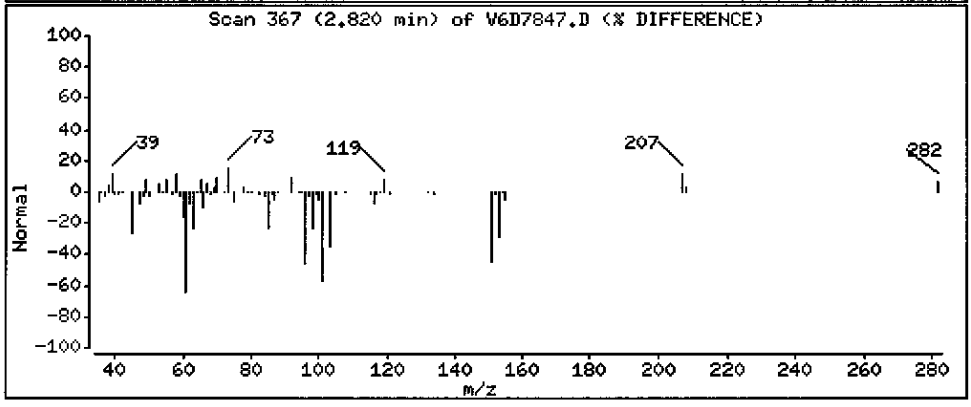
9 Acetone

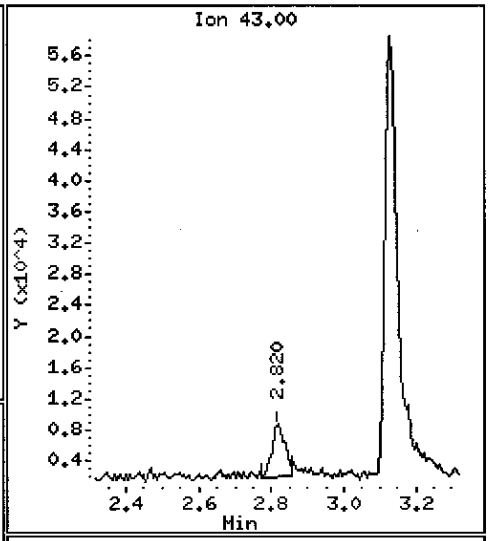
Concentration: 3100 ug/Kg

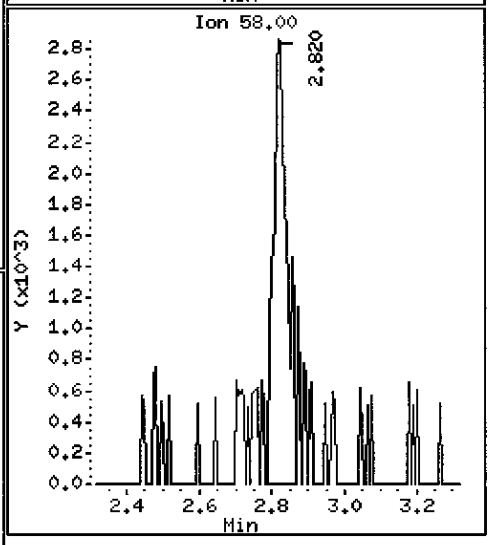












Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7847.D

Date : 19-AUG-2005 15:54

Client ID: SD02-S-ODL

Instrument: V6.i

Sample Info: ,D0926-02F,,19570

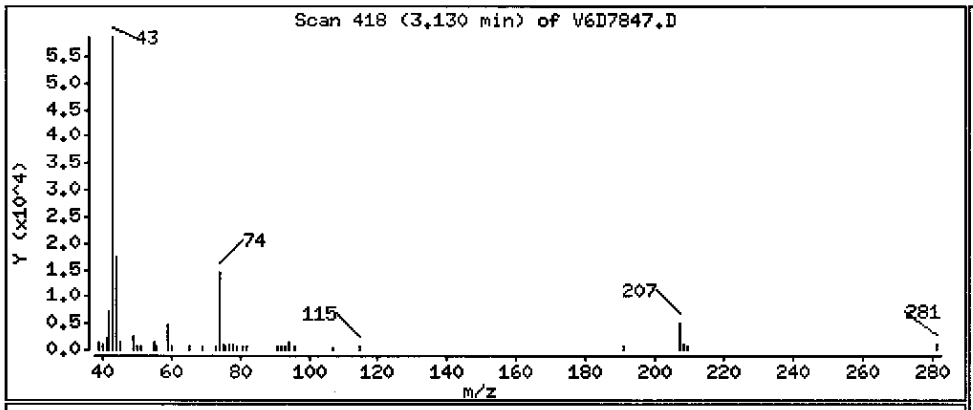
Operator: SB SRC: LIMS

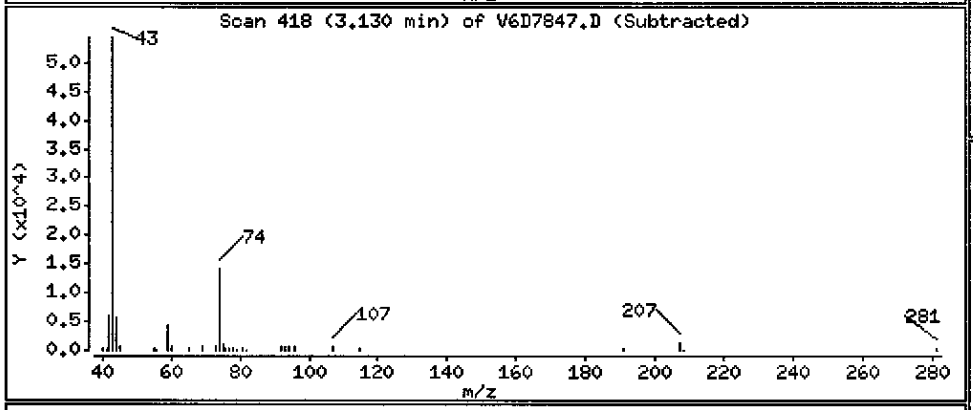
Column phase: DB-624

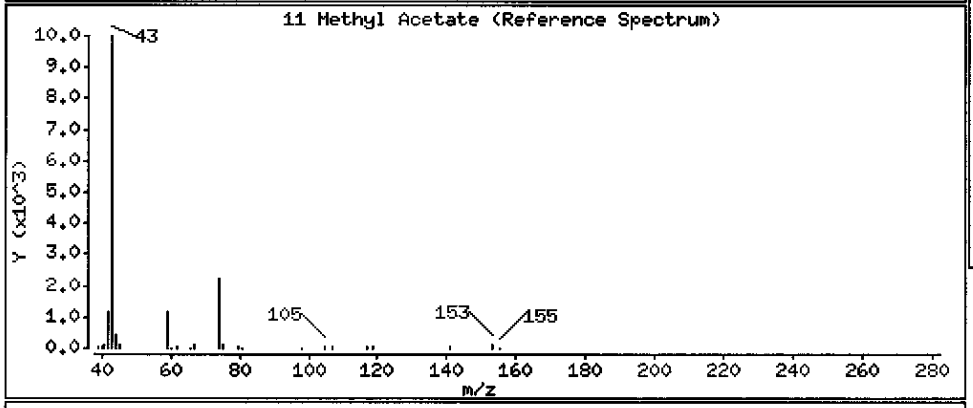
Column diameter: 0.25

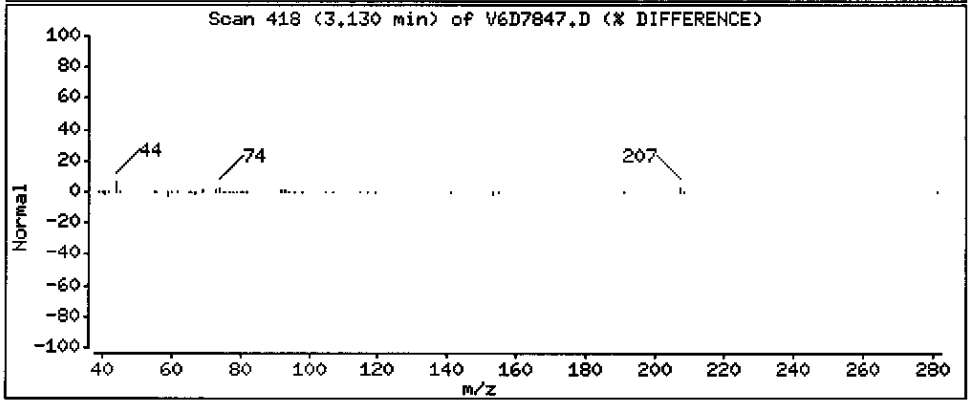
11 Methyl Acetate

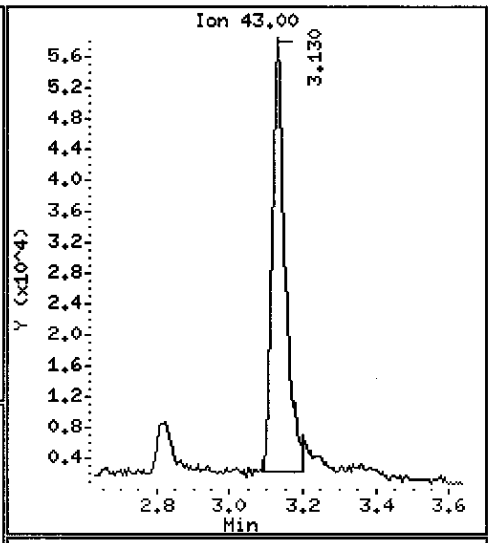
Concentration: 13000 ug/Kg

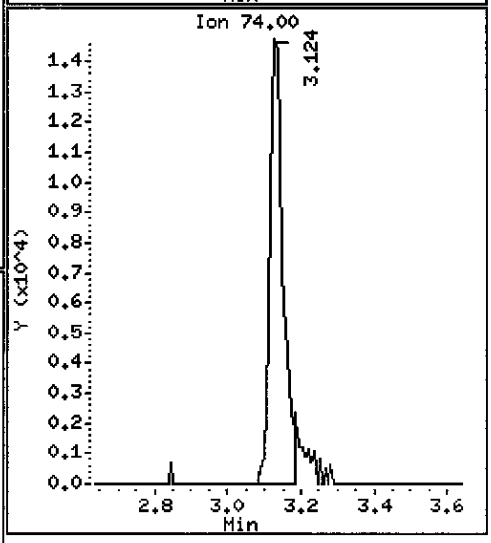












Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7847.D

Date : 19-AUG-2005 15:54

Client ID: SD02-S-ODL

Instrument: V6.i

Sample Info: ,D0926-02F,,19570

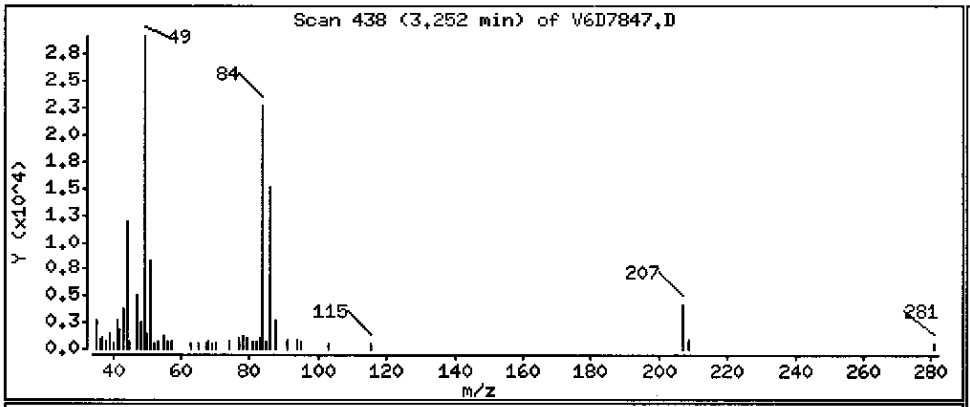
Operator: SB SRC: LIMS

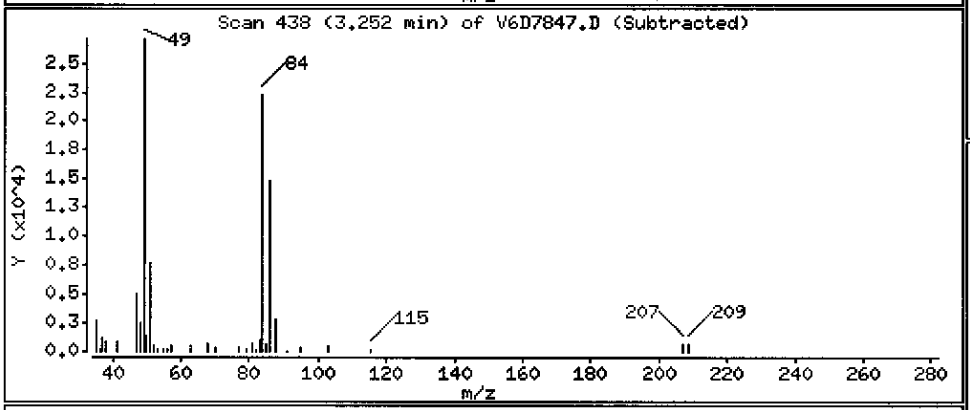
Column phase: DB-624

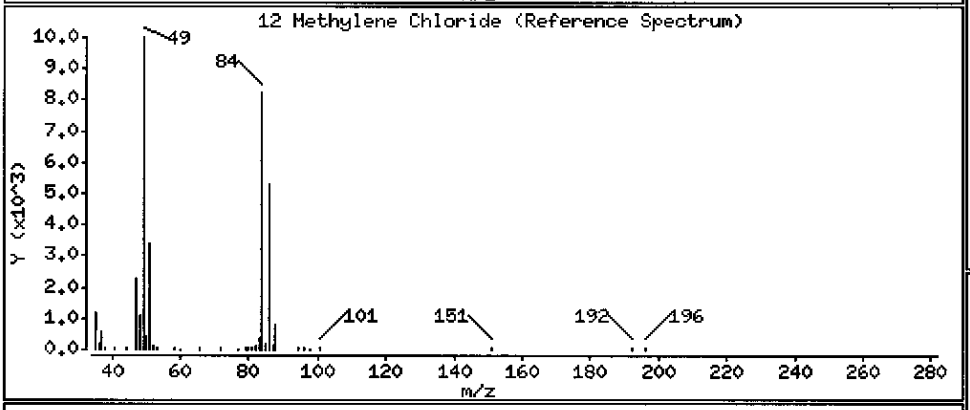
Column diameter: 0.25

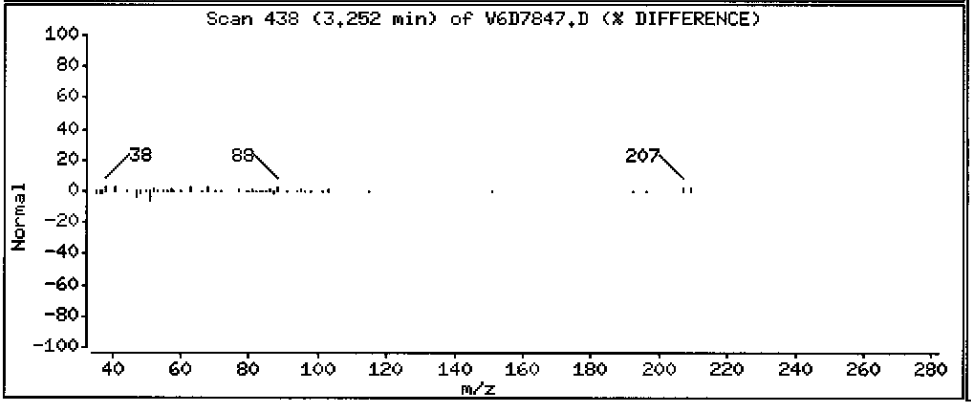
12 Methylene Chloride

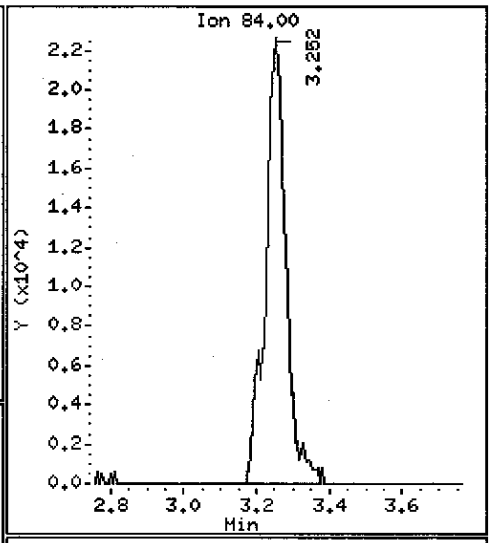
Concentration: 4900 ug/Kg

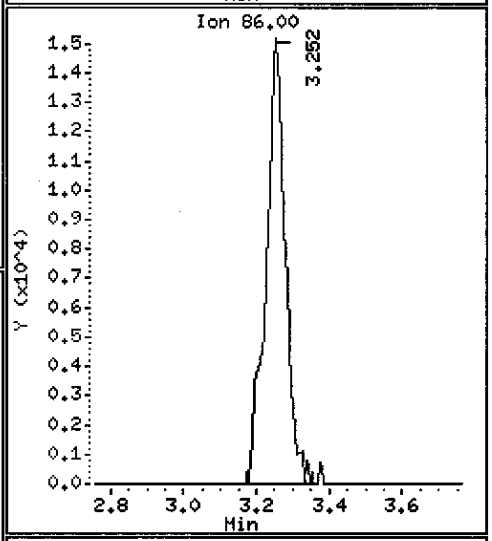


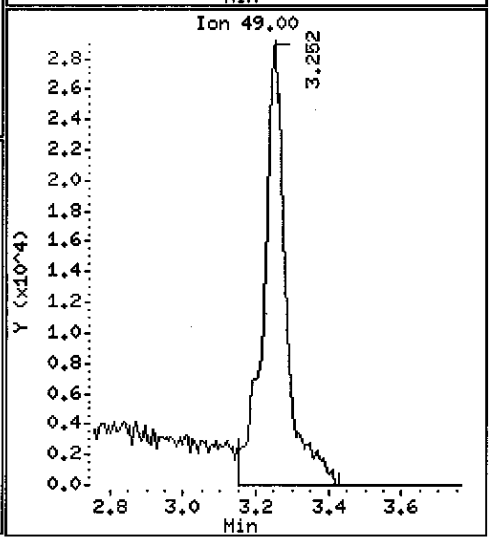












1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD03-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-01E

Sample wt/vol: 5.5 (g/mL) G Lab File ID: V1G9598

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 70 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	30	U
74-87-3	Chloromethane	30	U
75-01-4	Vinyl Chloride	30	U
74-83-9	Bromomethane	30	U
75-00-3	Chloroethane	30	U
75-69-4	Trichlorofluoromethane	30	U
75-35-4	1,1-Dichloroethene	30	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	30	U
67-64-1	Acetone	280	
75-15-0	Carbon Disulfide	3	J
79-20-9	Methyl Acetate	30	U
75-09-2	Methylene Chloride	220	
156-60-5	trans-1,2-Dichloroethene	30	U
1634-04-4	Methyl tert-Butyl Ether	30	U
75-34-3	1,1-Dichloroethane	30	U
156-59-2	cis-1,2-Dichloroethene	30	U
78-93-3	2-Butanone	110	
67-66-3	Chloroform	30	U
71-55-6	1,1,1-Trichloroethane	30	U
110-82-7	Cyclohexane	30	U
56-23-5	Carbon Tetrachloride	30	U
71-43-2	Benzene	30	U
107-06-2	1,2-Dichloroethane	30	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD03-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-01E

Sample wt/vol: 5.5 (g/mL) G Lab File ID: V1G9598

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 70 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	30	U
108-87-2	Methylcyclohexane	30	U
78-87-5	1,2-Dichloropropane	30	U
75-27-4	Bromodichloromethane	30	U
10061-01-5	cis-1,3-Dichloropropene	30	U
108-10-1	4-Methyl-2-Pentanone	30	U
108-88-3	Toluene	30	U
10061-02-6	trans-1,3-Dichloropropene	30	U
79-00-5	1,1,2-Trichloroethane	30	U
127-18-4	Tetrachloroethene	8	J
591-78-6	2-Hexanone	30	U
124-48-1	Dibromochloromethane	30	U
106-93-4	1,2-Dibromoethane	30	U
108-90-7	Chlorobenzene	30	U
100-41-4	Ethylbenzene	30	U
1330-20-7	Xylene (Total)	30	U
100-42-5	Styrene	30	U
75-25-2	Bromoform	30	U
98-82-8	Isopropylbenzene	30	U
79-34-5	1,1,2,2-Tetrachloroethane	30	U
541-73-1	1,3-Dichlorobenzene	30	U
106-46-7	1,4-Dichlorobenzene	30	U
95-50-1	1,2-Dichlorobenzene	30	U
96-12-8	1,2-Dibromo-3-chloropropane	30	U
120-82-1	1,2,4-Trichlorobenzene	30	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD03-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-01E

Sample wt/vol: 5.5 (g/mL) G Lab File ID: V1G9598

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 70 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

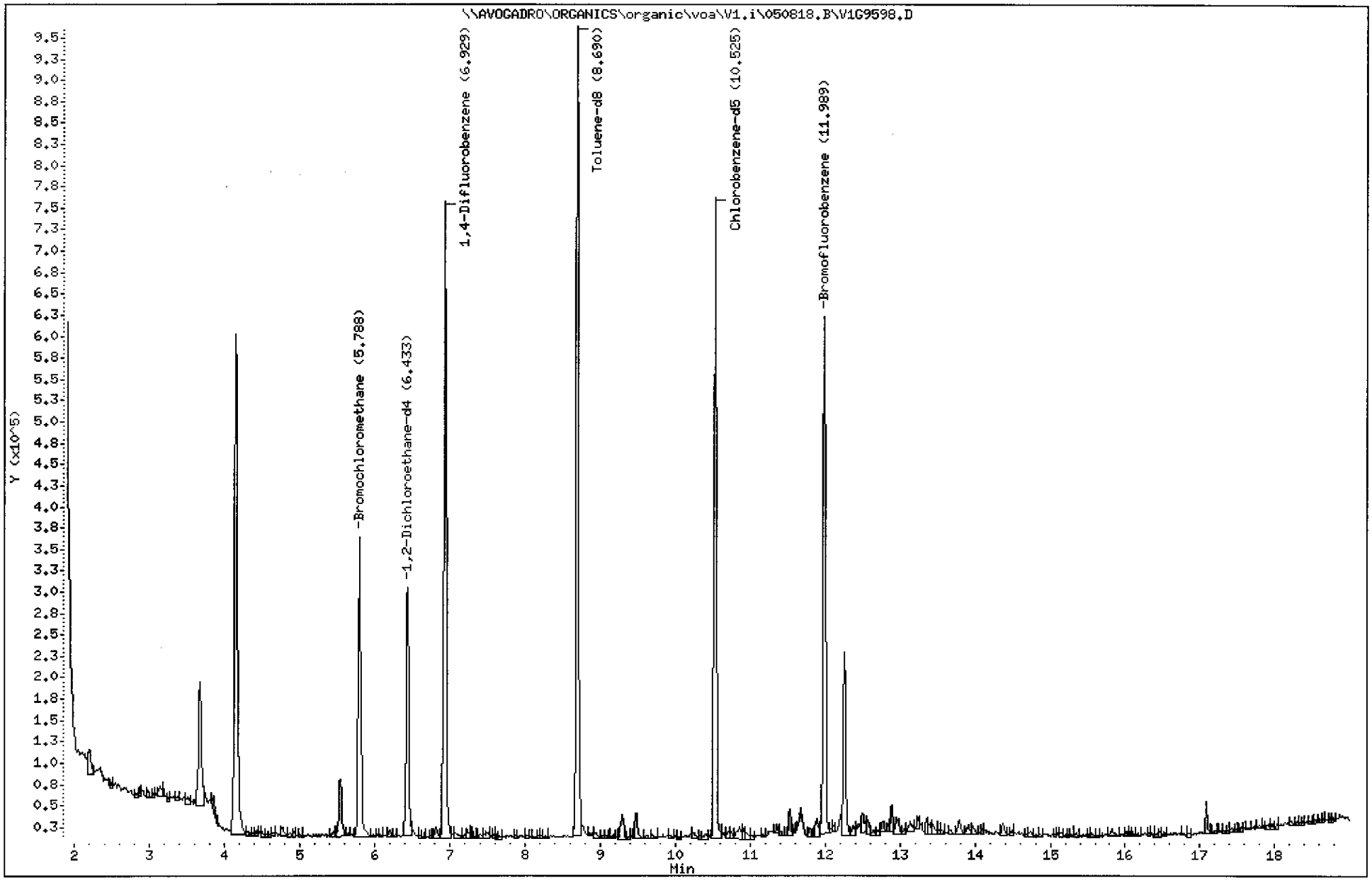
Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.26	45	NJ
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9598.D
Date : 18-AUG-2005 15:42
Client ID: SD03-S-0
Instrument: V1.i
Sample Info: ,D0926-01E,,19555,
Operator: LG SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9598.D
Report Date: 22-Aug-2005 14:43

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9598.D
Lab Smp Id: D0926-01E Client Smp ID: SD03-S-O
Inj Date : 18-AUG-2005 15:42
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-01E,,19555,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.500	Weight of sample (g)
M	70.000	% Moisture (not decanted)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	9 Acetone	43	3.668	3.667	(0.634)	289026	93.7912	280
	10 Carbon Disulfide	76	3.854	3.866	(0.666)	18122	1.14202	3(a)
	12 Methylene Chloride	84	4.139	4.139	(0.715)	317611	71.2772	220
	16 2-Butanone	43	5.528	5.527	(0.955)	128479	36.9695	110
*	18 Bromochloromethane	128	5.788	5.788	(1.000)	101325	50.0000	
$	23 1,2-Dichloroethane-d4	65	6.433	6.420	(1.111)	265054	51.4283	160
*	26 1,4-Difluorobenzene	114	6.929	6.929	(1.000)	645231	50.0000	
$	33 Toluene-d8	98	8.690	8.690	(0.826)	693552	50.8566	150
	37 Tetrachloroethene	164	9.484	9.483	(0.901)	8904	2.59304	8(a)
*	42 Chlorobenzene-d5	117	10.525	10.525	(1.000)	490348	50.0000	
$	50 Bromofluorobenzene	95	11.989	11.988	(1.139)	227497	41.4561	130

SB 8/22/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9598.D
Report Date: 22-Aug-2005 14:43

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9598.D
Report Date: 22-Aug-2005 14:43

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9598.D
Lab Smp Id: D0926-01E Client Smp ID: SD03-S-O
Inj Date : 18-AUG-2005 15:42
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-01E,,19555,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.500	Weight of sample (g)
M	70.000	% Moisture (not decanted)

ISTD	RT	AREA	AMOUNT
* 42 Chlorobenzene-d5	10.525	1701813	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Cyclotetrasiloxane, octamethyl-				CAS #: 556-67-2			
12.261	510846	15.0088758	45	91	NIST98.L	115616	42

Data File: \\AVOCADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9598.D

Date : 18-AUG-2005 15:42

Client ID: SD03-S-O

Instrument: V1.i

Sample Info: ,D0926-01E,,19555,

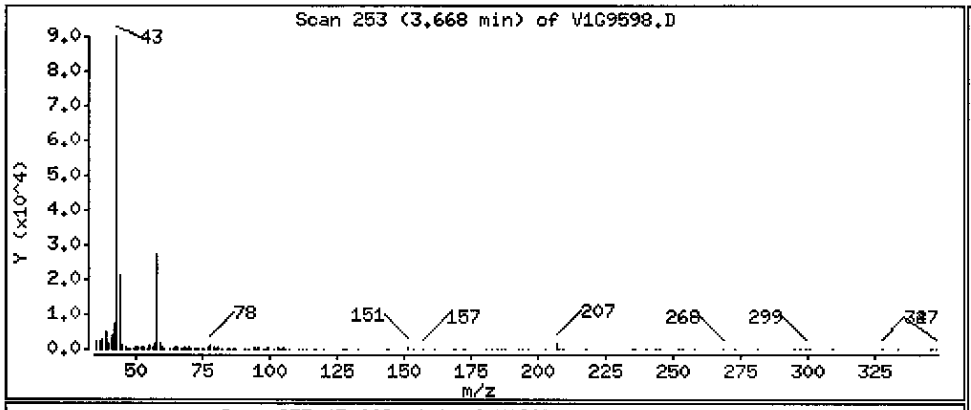
Operator: LG SRC: LIMS

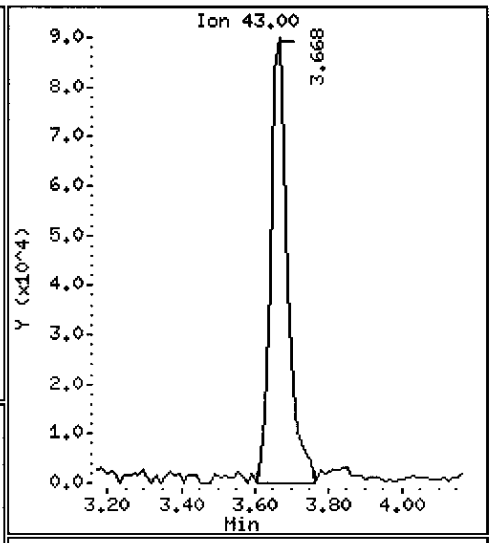
Column phase: DB-624

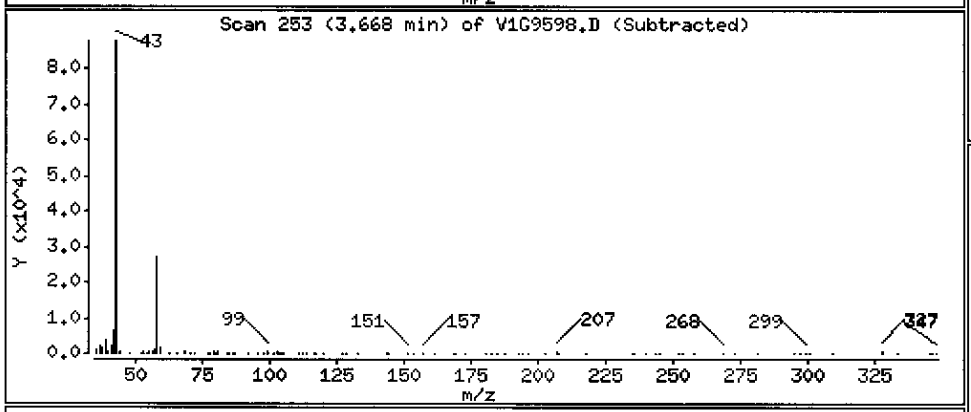
Column diameter: 0.25

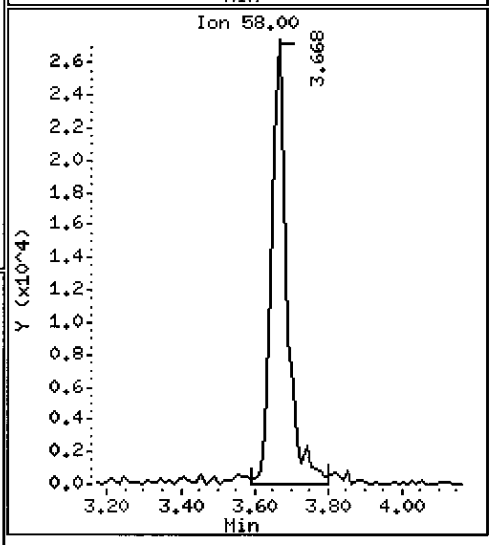
9 Acetone

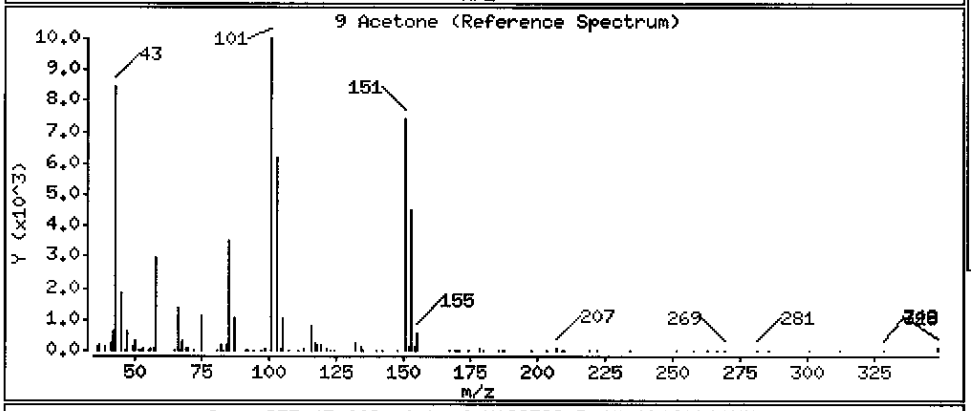
Concentration: 280 ug/Kg

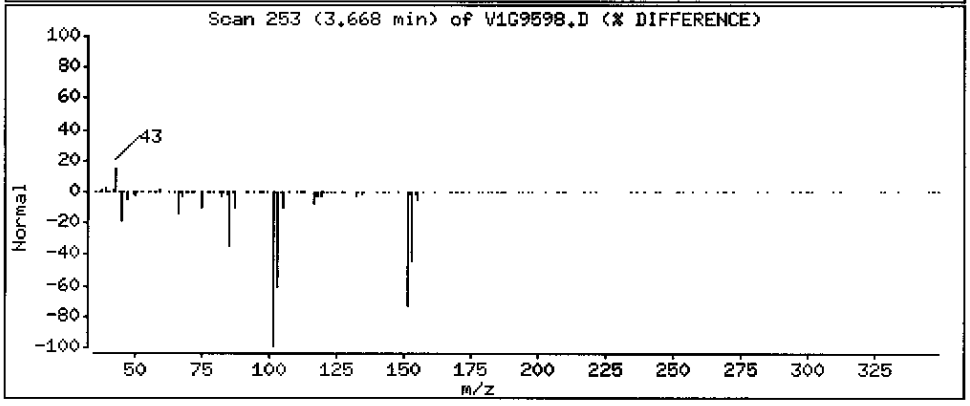












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9598.D

Date : 18-AUG-2005 15:42

Client ID: SD03-S-0

Instrument: V1.i

Sample Info: ,D0926-01E,,19555,

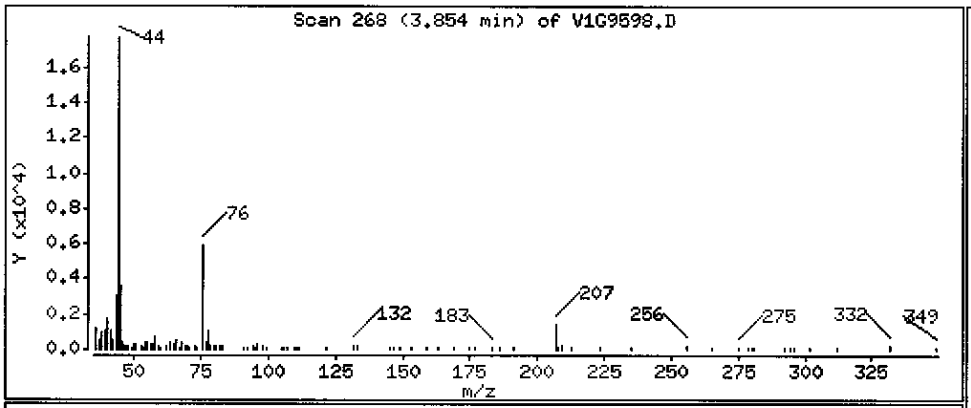
Operator: LG SRC: LIMS

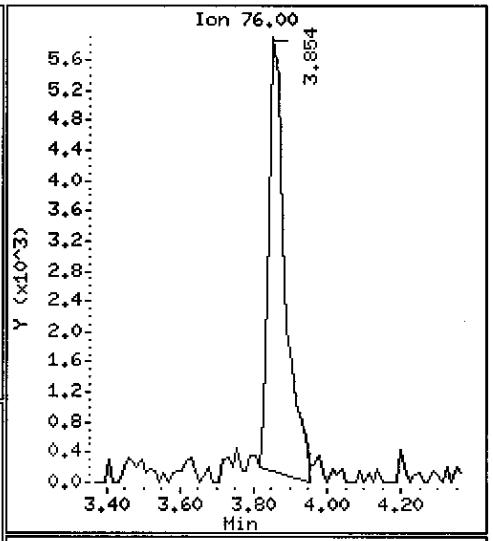
Column phase: DB-624

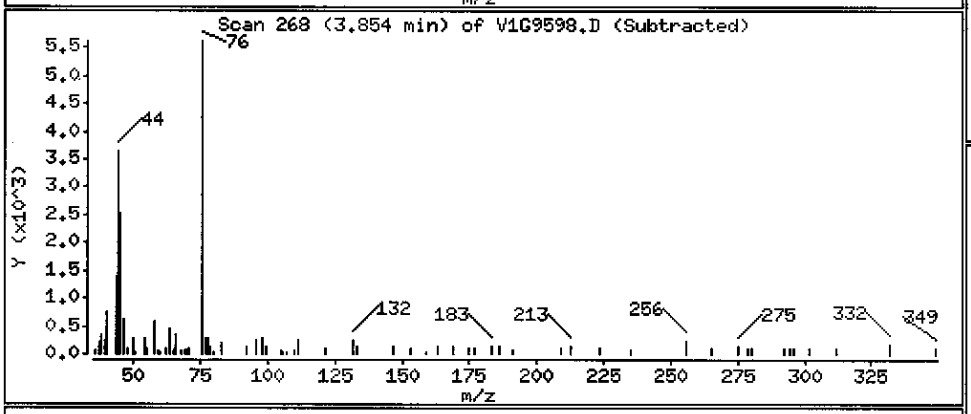
Column diameter: 0.25

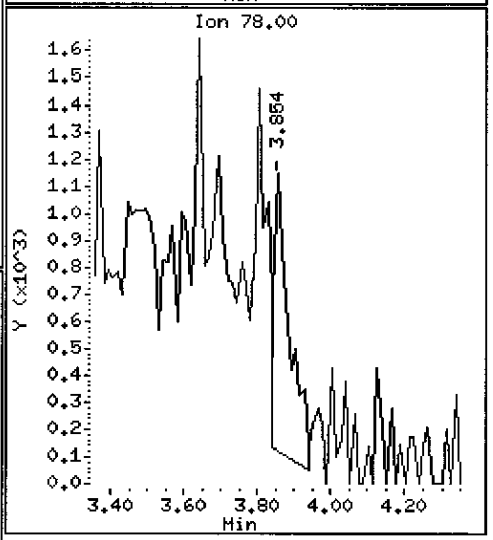
10 Carbon Disulfide

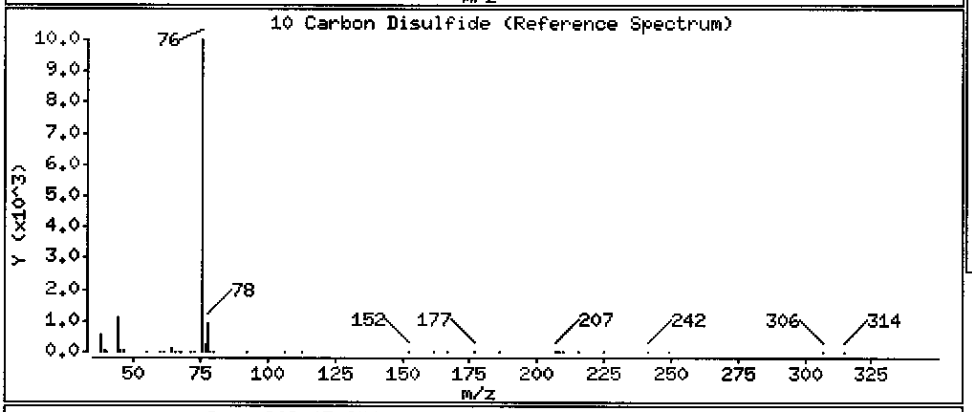
Concentration: 3 ug/Kg

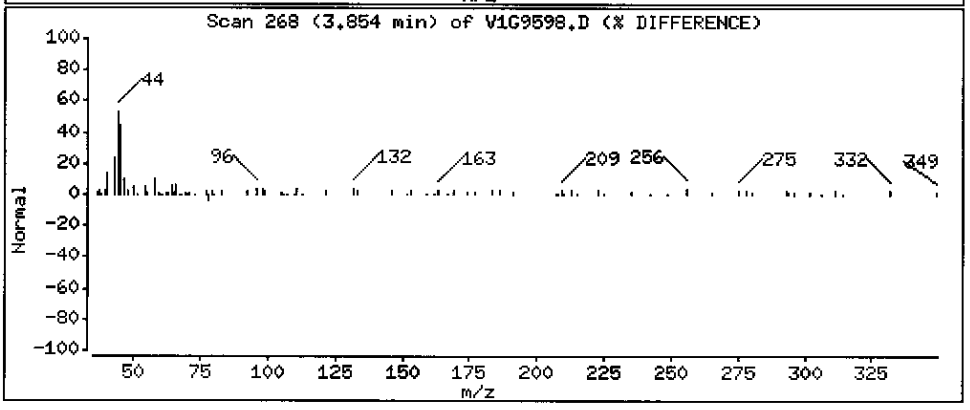












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9598.D

Date : 18-AUG-2005 15:42

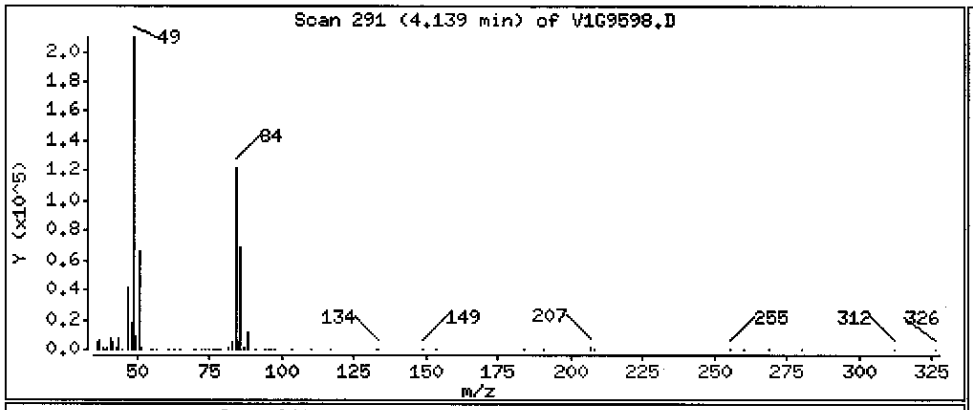
Client ID: SD03-S-0 Instrument: V1.i

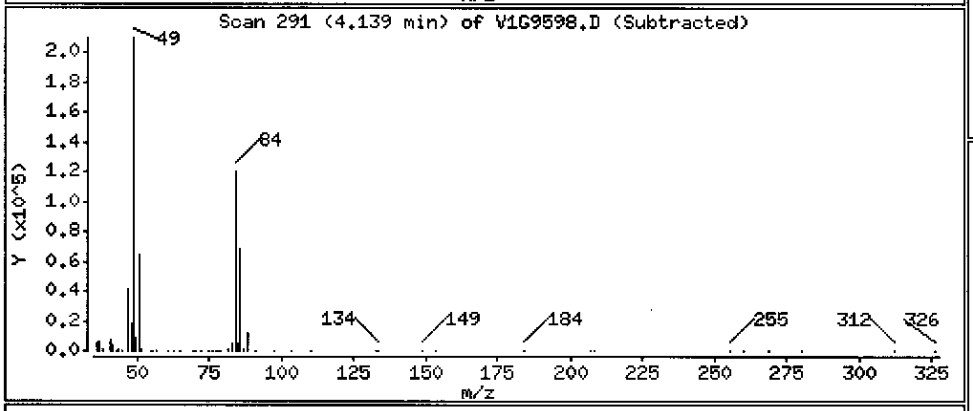
Sample Info: ,D0926-01E,,19555,

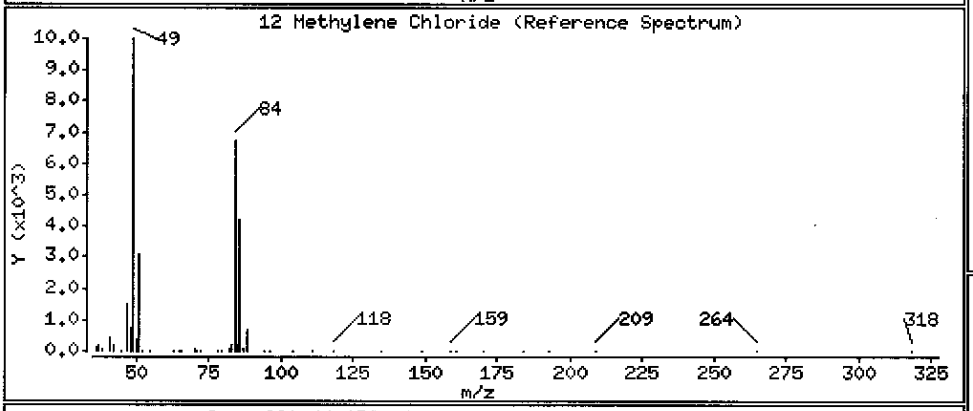
Operator: LG SRC: LIMS

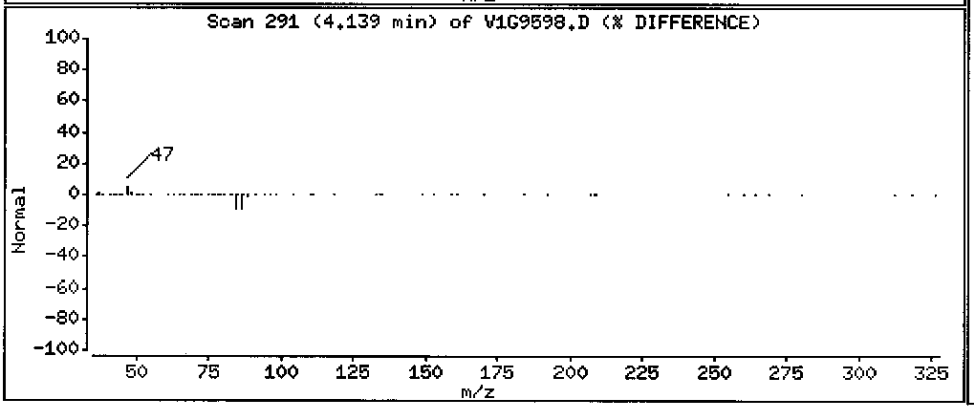
Column phase: DB-624 Column diameter: 0.25

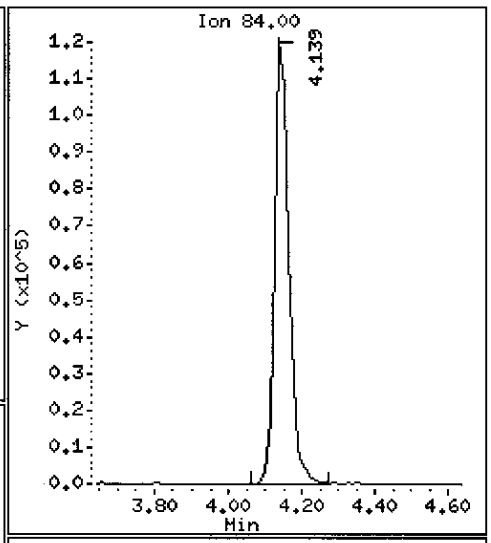
12 Methylene Chloride Concentration: 220 ug/Kg

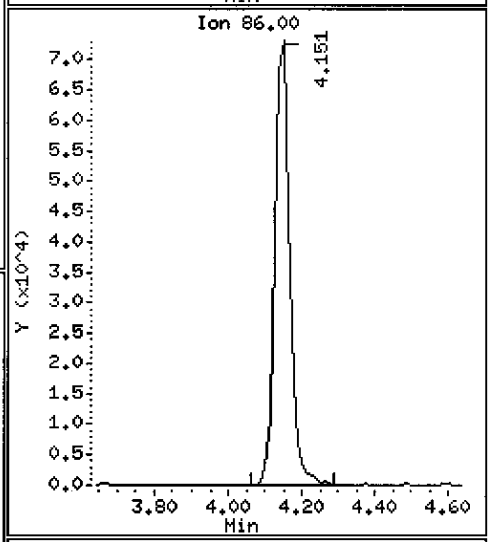


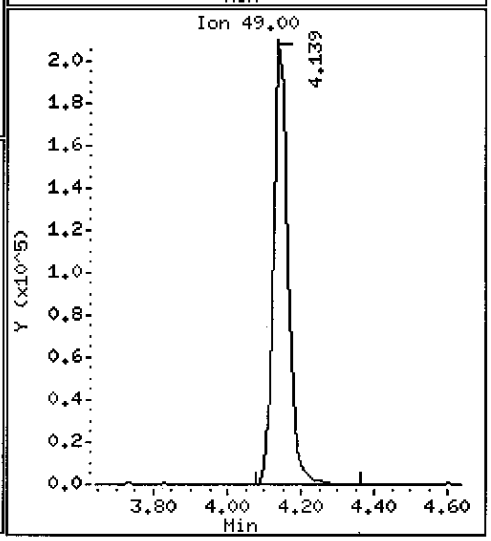












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9598.D

Date : 18-AUG-2005 15:42

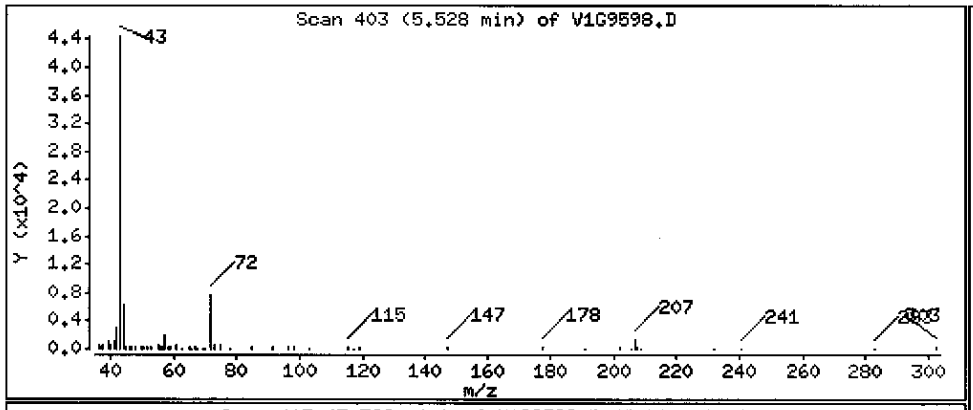
Client ID: SD03-S-0 Instrument: V1.i

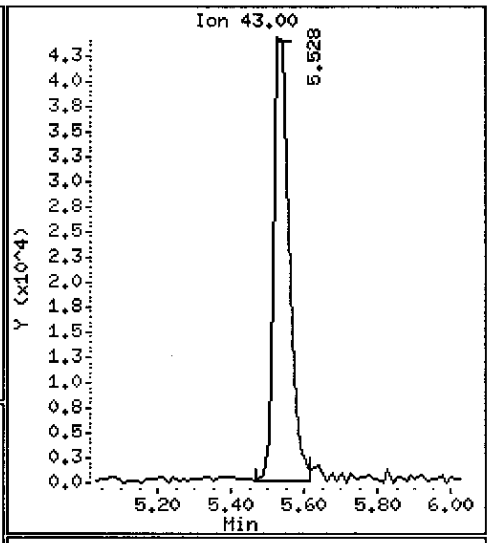
Sample Info: ,D0926-01E,,19555,

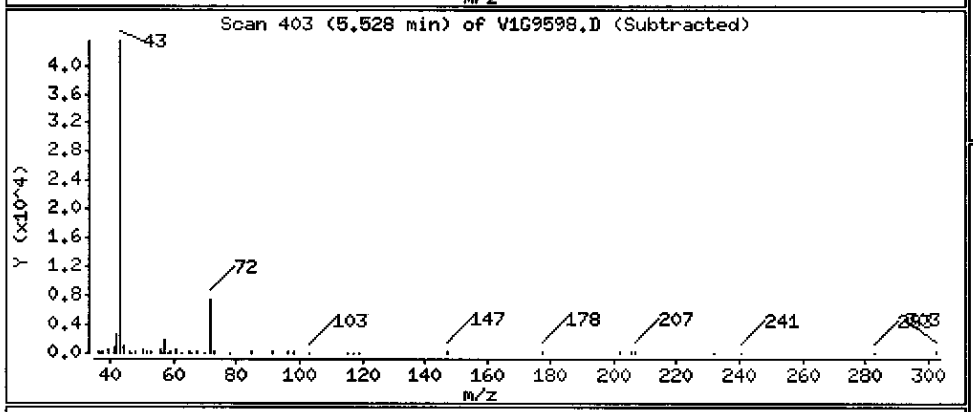
Operator: LG SRC: LIMS

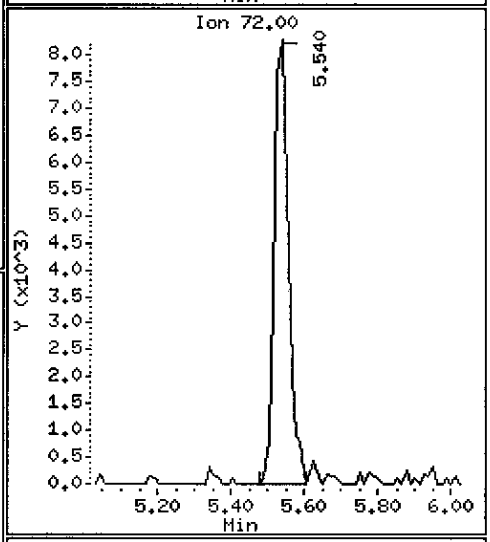
Column phase: DB-624 Column diameter: 0.25

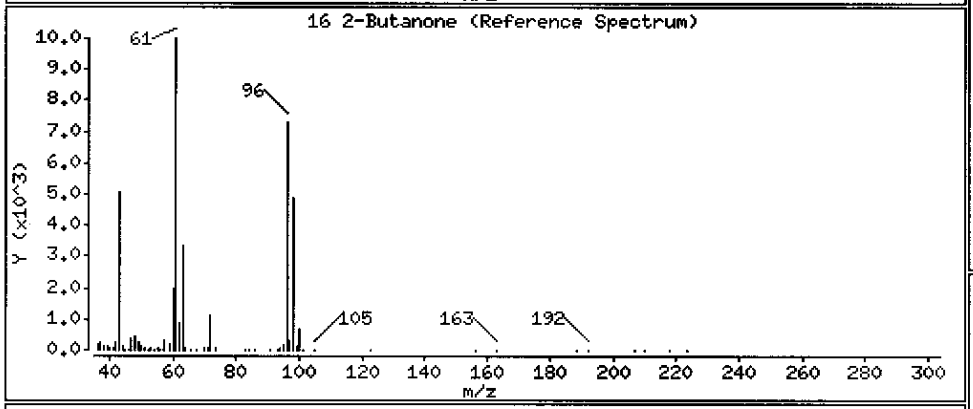
16 2-Butanone Concentration: 110 ug/Kg

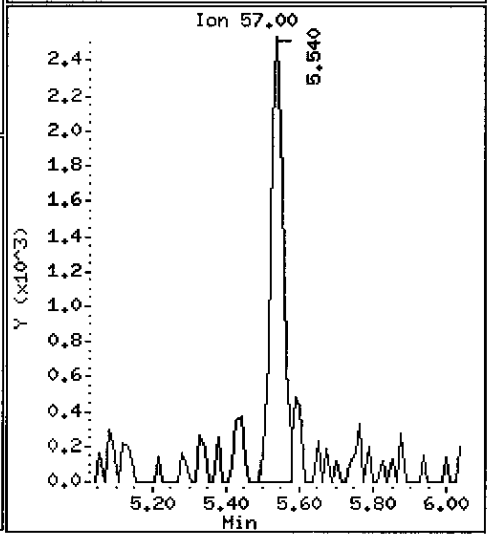


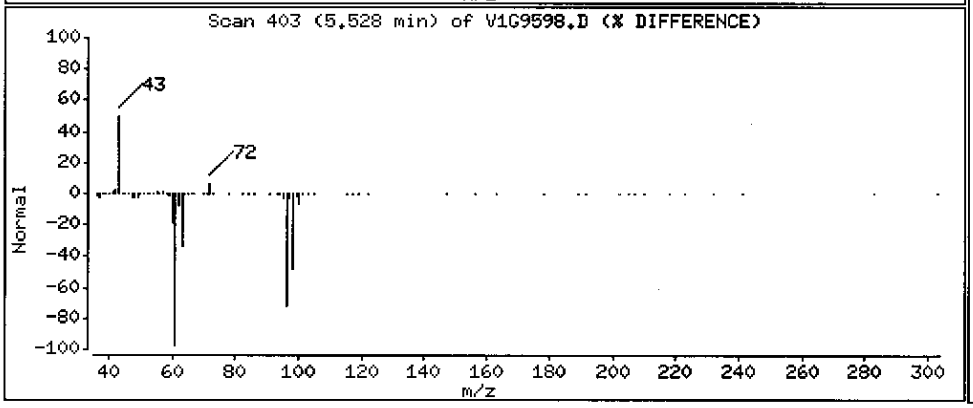












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9598.D

Date : 18-AUG-2005 15:42

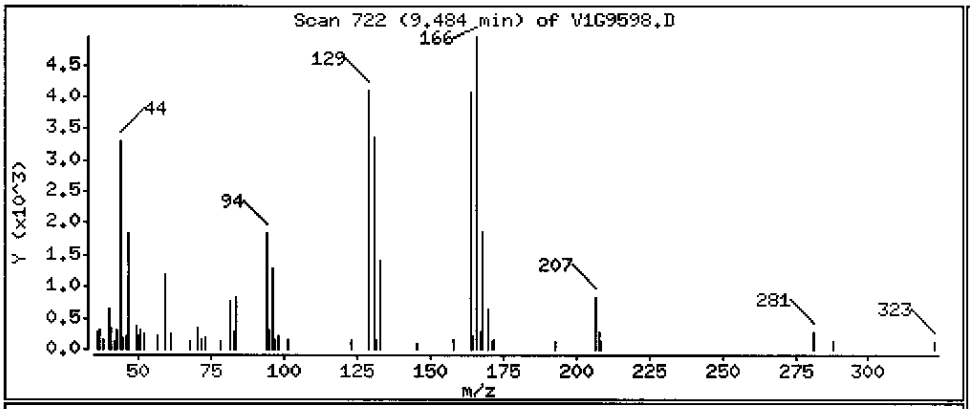
Client ID: SD03-S-0 Instrument: V1.i

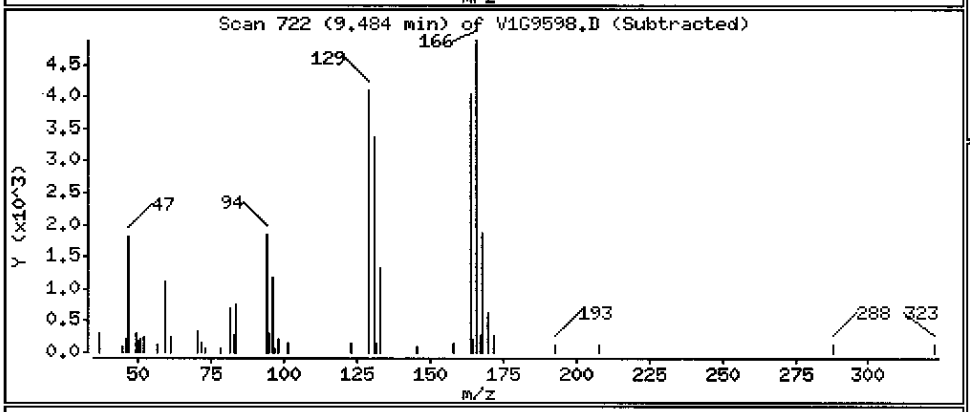
Sample Info: ,D0926-01E,,19555,

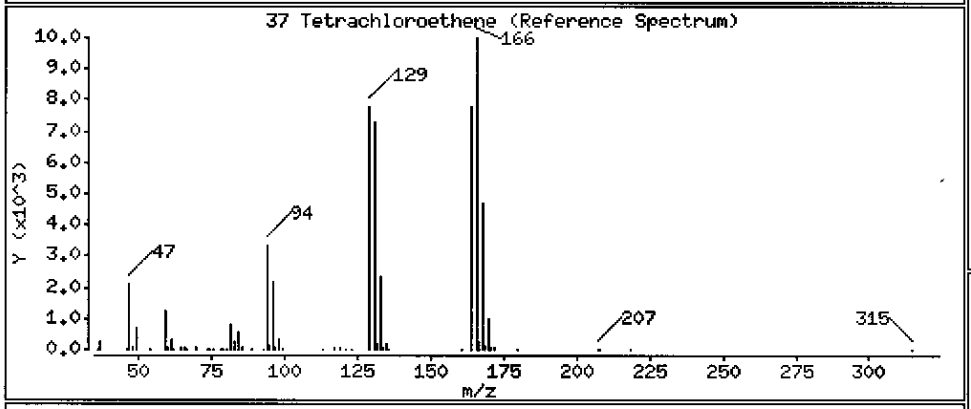
Operator: LG SRC: LIMS

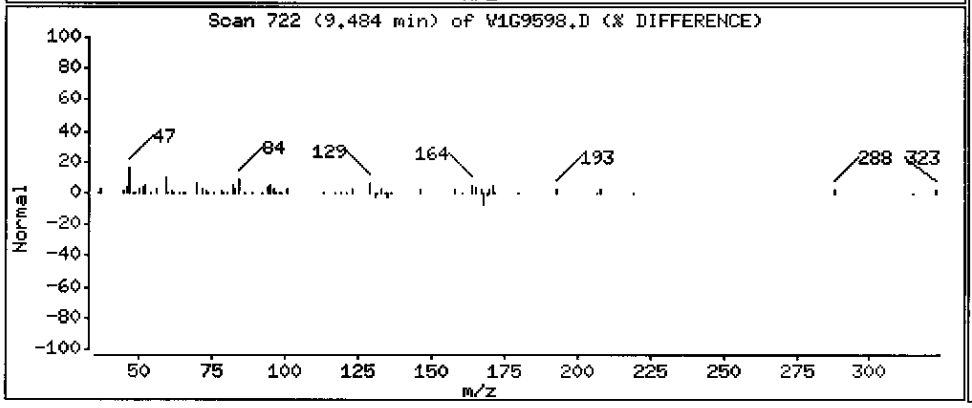
Column phase: DB-624 Column diameter: 0.25

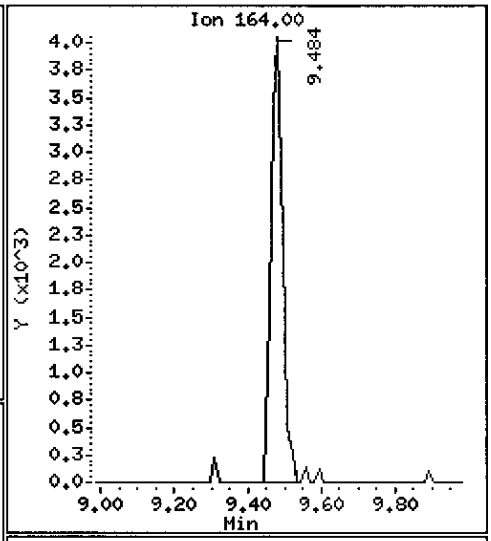
37 Tetrachloroethene Concentration: 8 ug/Kg

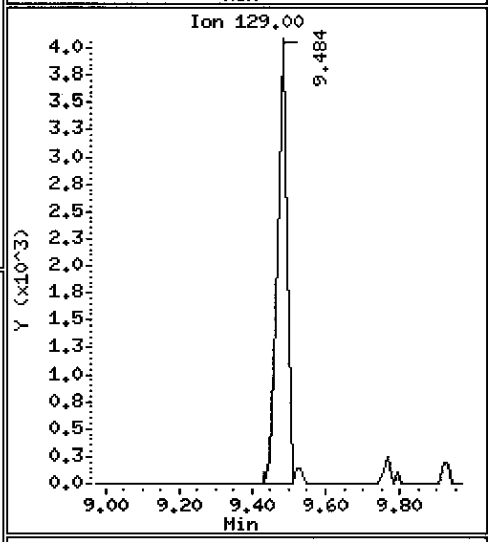


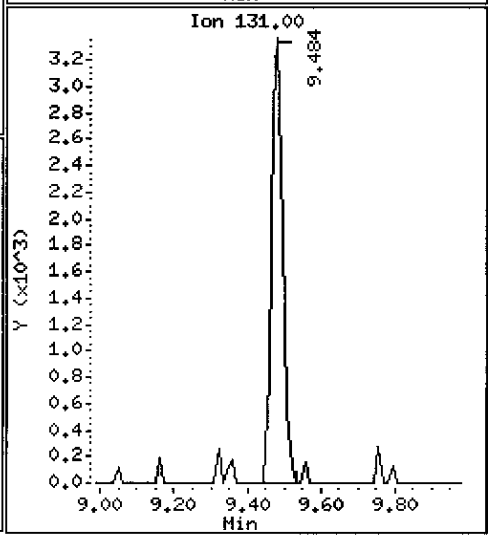












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9598.D

Date : 18-AUG-2005 15:42

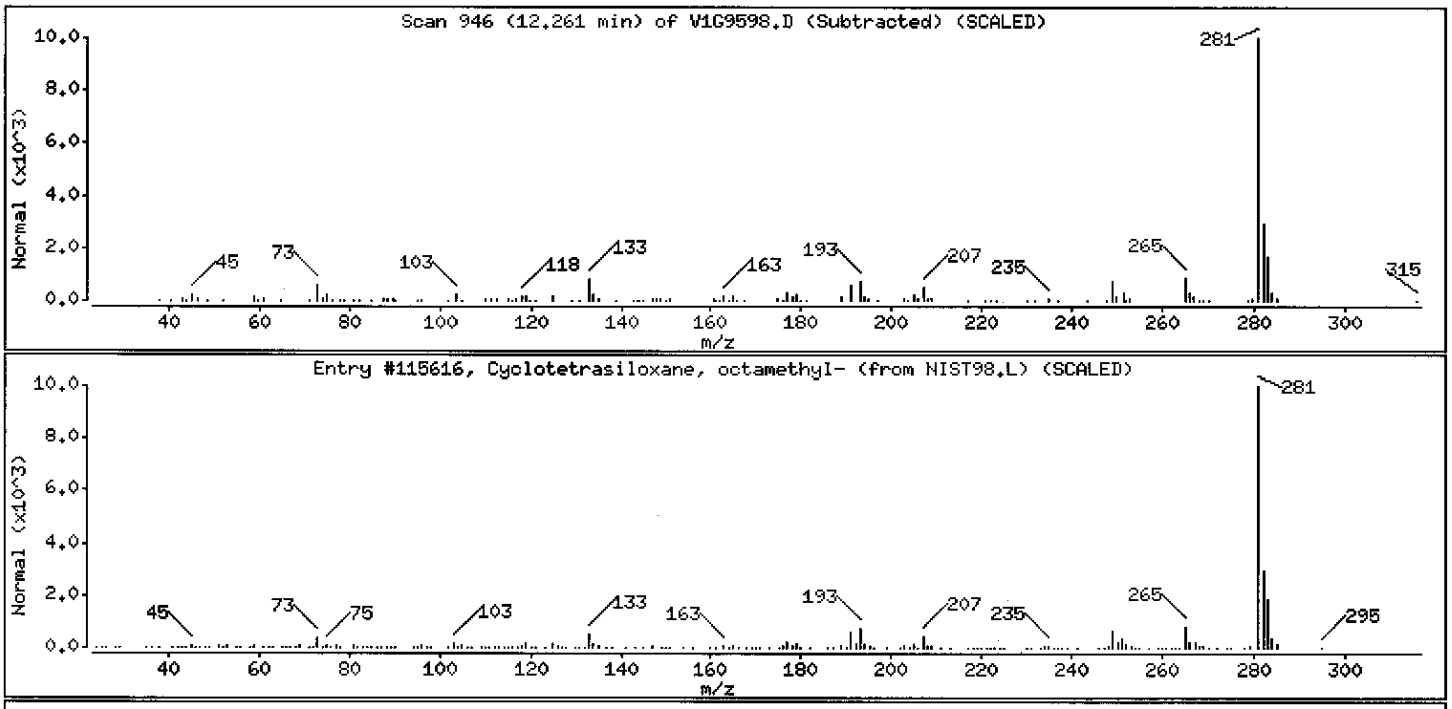
Client ID: SD03-S-0 Instrument: V1.i

Sample Info: ,D0926-01E,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST98.L	115616	91	C8H24O4Si4	296



VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD04-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-14C

Sample wt/vol: 6.2 (g/mL) G Lab File ID: V1G9640

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 71 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	28	U
74-87-3	Chloromethane	28	U
75-01-4	Vinyl Chloride	28	U
74-83-9	Bromomethane	28	U
75-00-3	Chloroethane	28	U
75-69-4	Trichlorofluoromethane	28	U
75-35-4	1,1-Dichloroethene	28	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	28	U
67-64-1	Acetone	320	
75-15-0	Carbon Disulfide	28	U
79-20-9	Methyl Acetate	28	U
75-09-2	Methylene Chloride	260	
156-60-5	trans-1,2-Dichloroethene	28	U
1634-04-4	Methyl tert-Butyl Ether	28	U
75-34-3	1,1-Dichloroethane	28	U
156-59-2	cis-1,2-Dichloroethene	28	U
78-93-3	2-Butanone	110	
67-66-3	Chloroform	5	JB
71-55-6	1,1,1-Trichloroethane	28	U
110-82-7	Cyclohexane	28	U
56-23-5	Carbon Tetrachloride	28	U
71-43-2	Benzene	28	U
107-06-2	1,2-Dichloroethane	28	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD04-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-14C

Sample wt/vol: 6.2 (g/mL) G Lab File ID: V1G9640

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 71 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	28	U
108-87-2	Methylcyclohexane	28	U
78-87-5	1,2-Dichloropropane	28	U
75-27-4	Bromodichloromethane	28	U
10061-01-5	cis-1,3-Dichloropropene	28	U
108-10-1	4-Methyl-2-Pentanone	28	U
108-88-3	Toluene	28	U
10061-02-6	trans-1,3-Dichloropropene	28	U
79-00-5	1,1,2-Trichloroethane	28	U
127-18-4	Tetrachloroethene	28	U
591-78-6	2-Hexanone	28	U
124-48-1	Dibromochloromethane	28	U
106-93-4	1,2-Dibromoethane	28	U
108-90-7	Chlorobenzene	28	U
100-41-4	Ethylbenzene	28	U
1330-20-7	Xylene (Total)	28	U
100-42-5	Styrene	28	U
75-25-2	Bromoform	28	U
98-82-8	Isopropylbenzene	28	U
79-34-5	1,1,2,2-Tetrachloroethane	28	U
541-73-1	1,3-Dichlorobenzene	28	U
106-46-7	1,4-Dichlorobenzene	28	U
95-50-1	1,2-Dichlorobenzene	28	U
96-12-8	1,2-Dibromo-3-chloropropane	28	U
120-82-1	1,2,4-Trichlorobenzene	28	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD04-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-14C

Sample wt/vol: 6.2 (g/mL) G Lab File ID: V1G9640

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 71 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

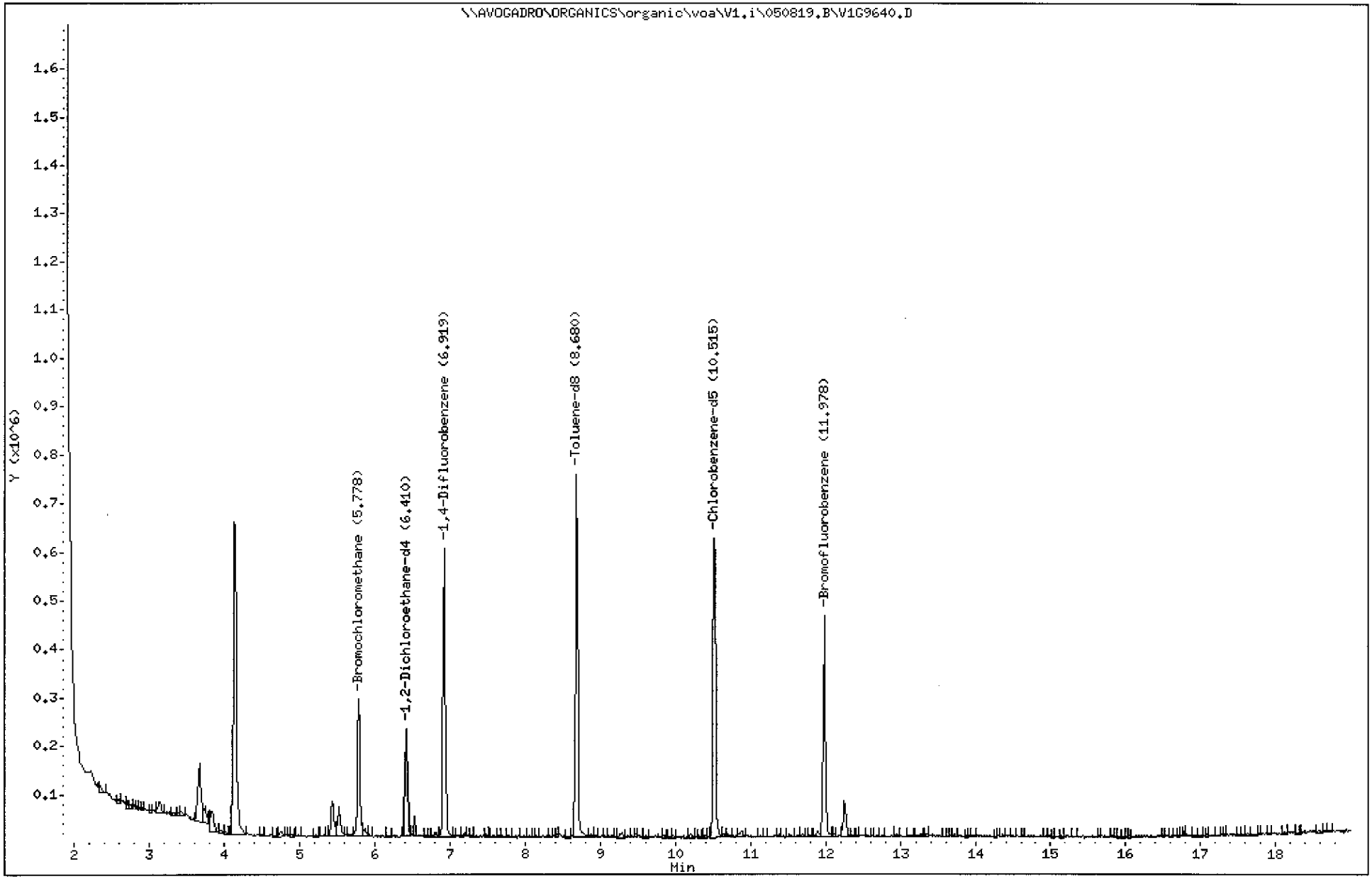
Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	75-18-3	DIMETHYL SULFIDE	3.73	21	NJ
2.		UNKNOWN	3.83	35	J
3.		UNKNOWN	5.43	46	J
4.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.25	18	NJ
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9640.D
Date : 19-AUG-2005 16:32
Client ID: SD04-S-0
Instrument: V1.i
Sample Info: ,D0926-14C,,19568,
Operator: LG SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



0159

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9640.D
Report Date: 23-Aug-2005 13:52

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9640.D
Lab Smp Id: D0926-14C Client Smp ID: SD04-S-O
Inj Date : 19-AUG-2005 16:32
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-14C,,19568,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\v1clp4h.m
Meth Date : 23-Aug-2005 13:46 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 10:26 Cal File: V1G9631.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	6.200	Weight of sample (g)
M	71.000	% Moisture (not decanted)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	9 Acetone	43	3.657	3.668	(0.633)	238140	115.013	320
	12 Methylene Chloride	84	4.141	4.152	(0.717)	372103	94.4467	260
	16 2-Butanone	43	5.530	5.540	(0.957)	92505	38.8969	110
*	18 Bromochloromethane	128	5.778	5.801	(1.000)	87883	50.0000	
	19 Chloroform	83	5.864	5.888	(1.015)	11529	1.85391	5(a)
$	23 1,2-Dichloroethane-d4	65	6.410	6.433	(1.109)	204213	49.8063	140
*	26 1,4-Difluorobenzene	114	6.919	6.942	(1.000)	537571	50.0000	
$	33 Toluene-d8	98	8.680	8.703	(0.824)	569407	53.0808	150
*	42 Chlorobenzene-d5	117	10.527	10.526	(1.000)	407220	50.0000	
$	50 Bromofluorobenzene	95	11.978	11.989	(1.138)	183084	40.8159	110

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

SB 8/23/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9640.D
Report Date: 23-Aug-2005 13:52

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9640.D
Lab Smp Id: D0926-14C Client Smp ID: SD04-S-O
Inj Date : 19-AUG-2005 16:32
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-14C,,19568,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\v1clp4h.m
Meth Date : 23-Aug-2005 13:46 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 10:26 Cal File: V1G9631.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	6.200	Weight of sample (g)
M	71.000	% Moisture (not decanted)

ISTD	RT	AREA	AMOUNT
* 18 Bromochloromethane	5.778	698369	50.000
* 42 Chlorobenzene-d5	10.527	1398307	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Dimethyl sulfide				CAS #: 75-18-3			
3.732	106715	7.64030190	21	91	NIST98.L	326	18
Unknown				CAS #:			
3.831	173972	12.4555930	35	0		0	18

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9640.D
Report Date: 23-Aug-2005 13:52

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
5.430	229592	16.4377285	46	0		0	18
Cyclotetrasiloxane, octamethyl-				CAS #: 556-67-2			
12.251	183198	6.55070739	18	91	NIST98.L	115617	42

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9640.D

Date : 19-AUG-2005 16:32

Client ID: SD04-S-0

Instrument: V1.i

Sample Info: ,D0926-14C,,19568,

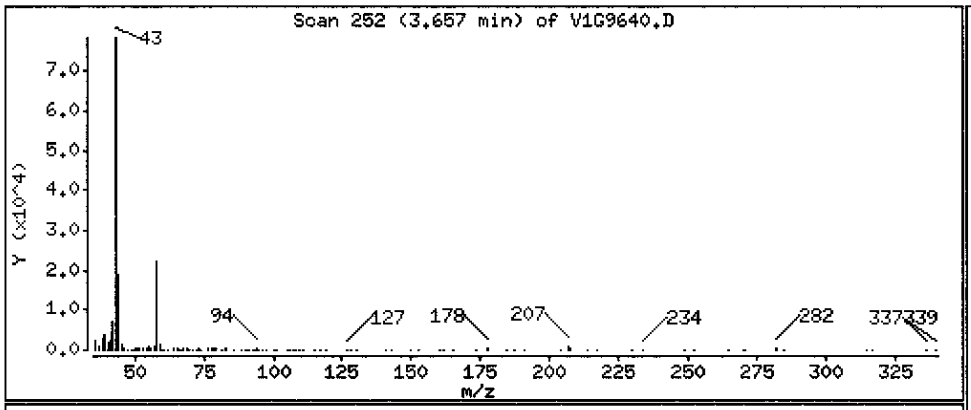
Operator: LG SRC: LIMS

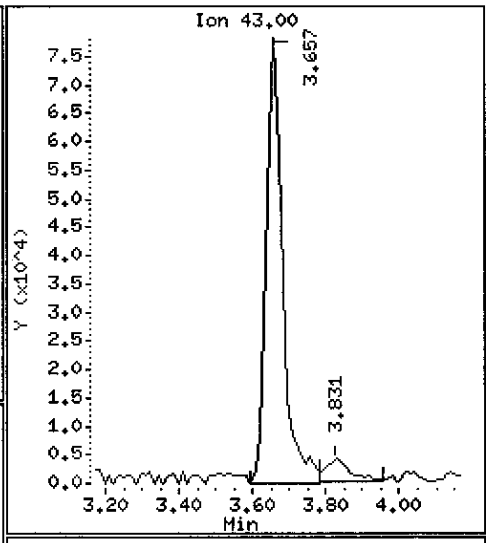
Column phase: DB-624

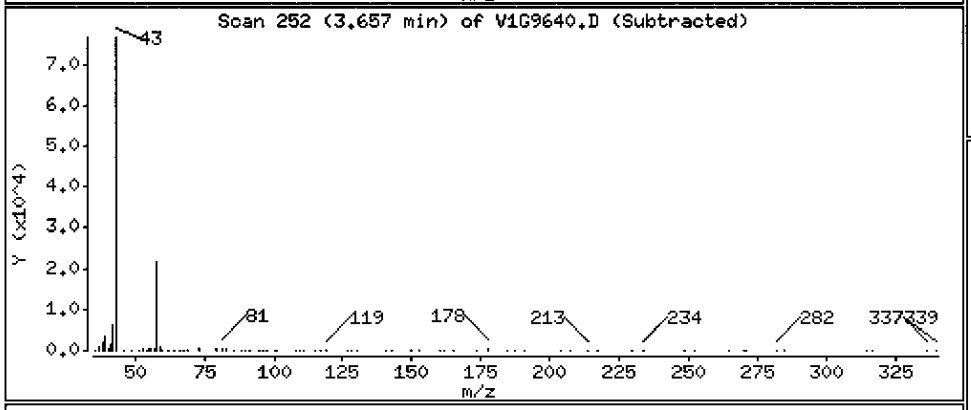
Column diameter: 0.25

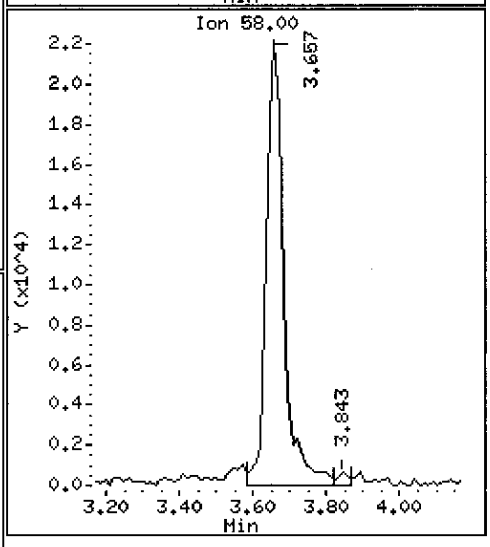
9 Acetone

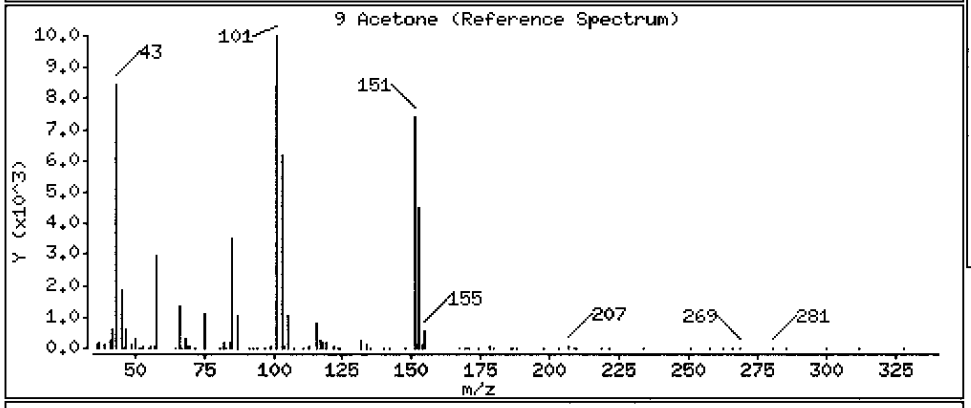
Concentration: 320 ug/Kg

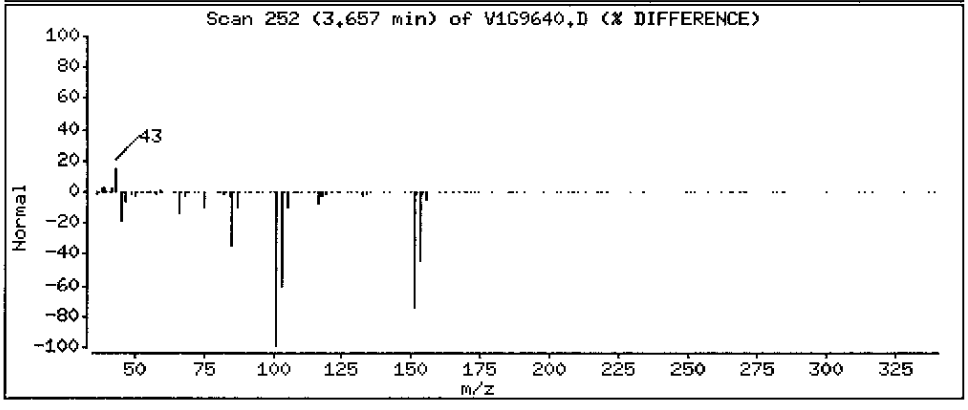












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9640.D

Date : 19-AUG-2005 16:32

Client ID: SD04-S-0

Instrument: V1.i

Sample Info: ,D0926-14C,,19568,

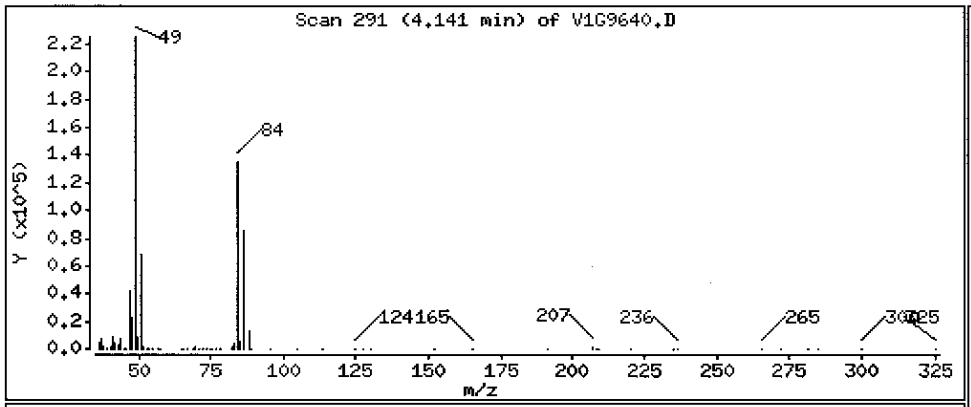
Operator: LG SRC: LIMS

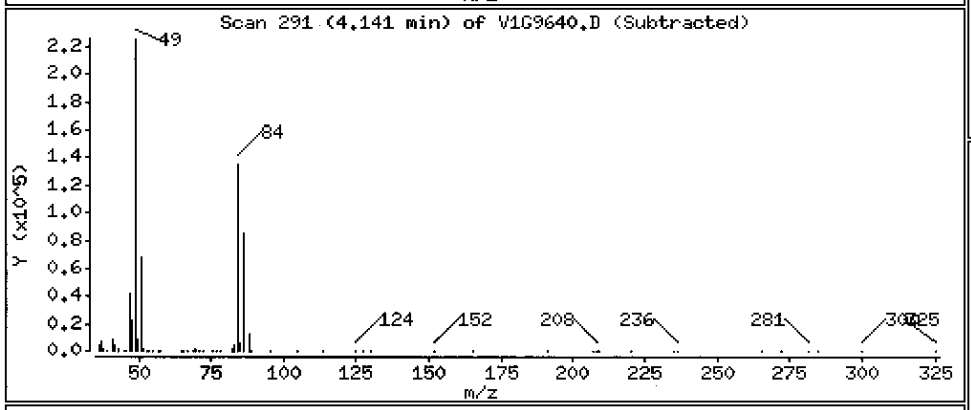
Column phase: DB-624

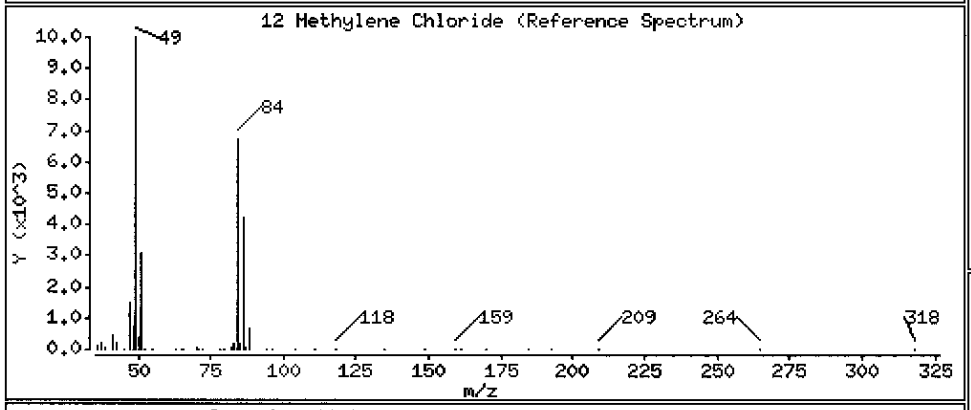
Column diameter: 0.25

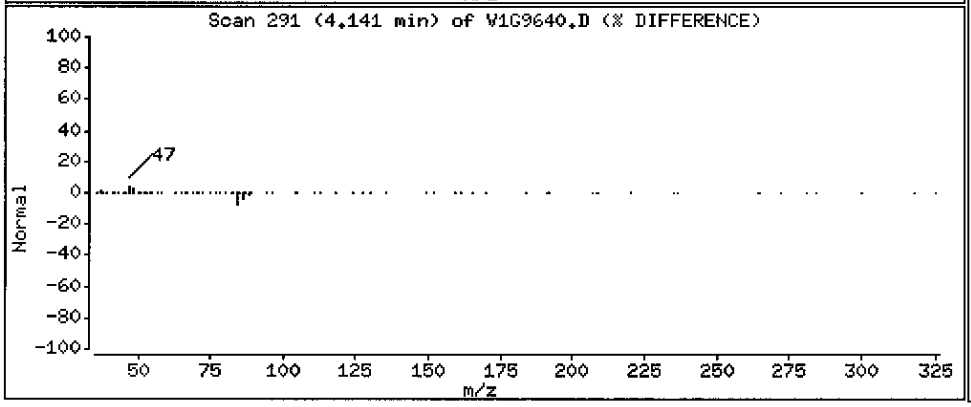
12 Methylene Chloride

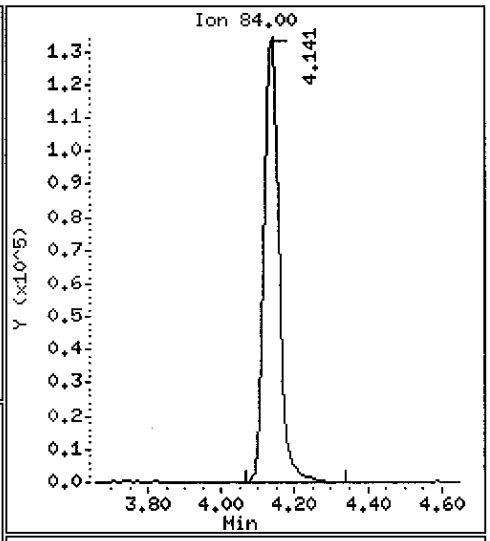
Concentration: 260 ug/Kg

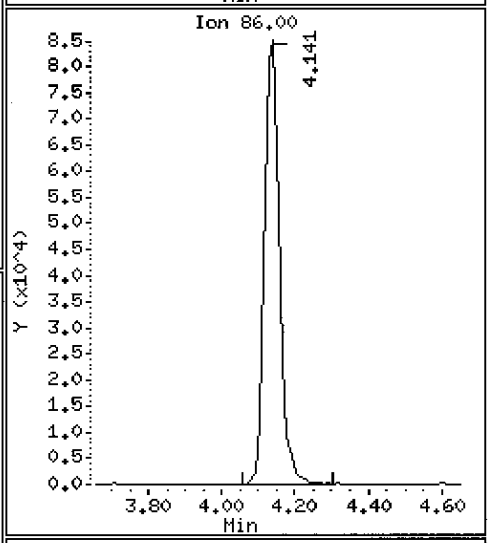


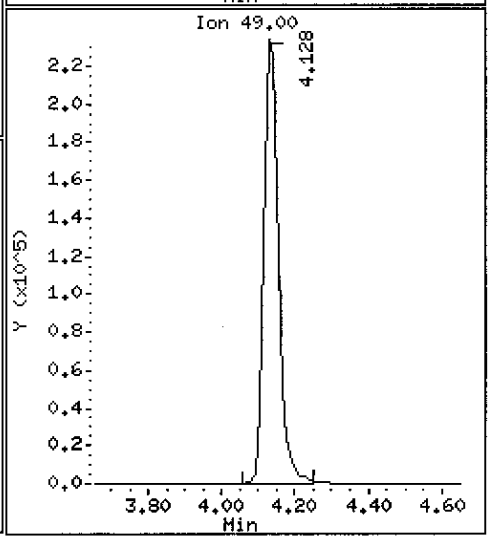












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9640.D

Date : 19-AUG-2005 16:32

Client ID: SD04-S-O

Instrument: V1.i

Sample Info: ,D0926-14C,,19568,

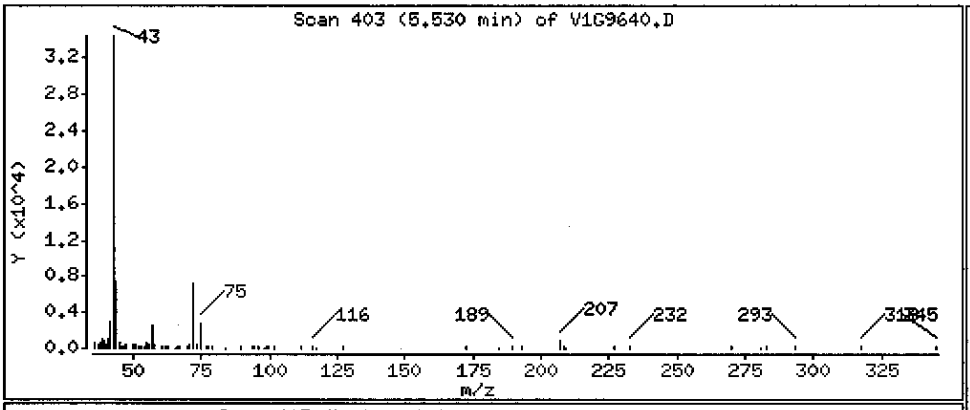
Operator: LG SRC: LIMS

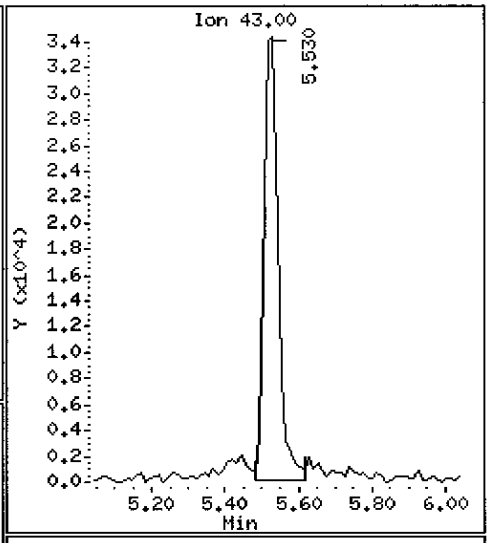
Column phase: DB-624

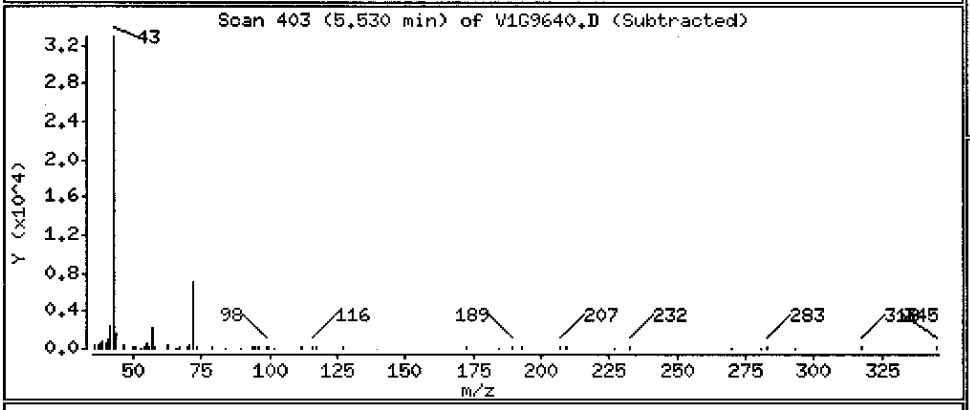
Column diameter: 0.25

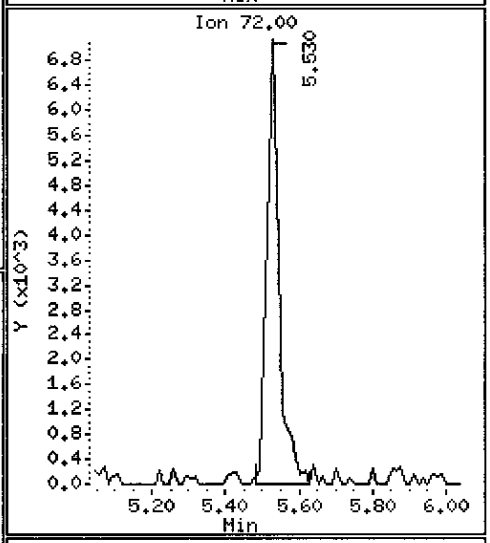
16 2-Butanone

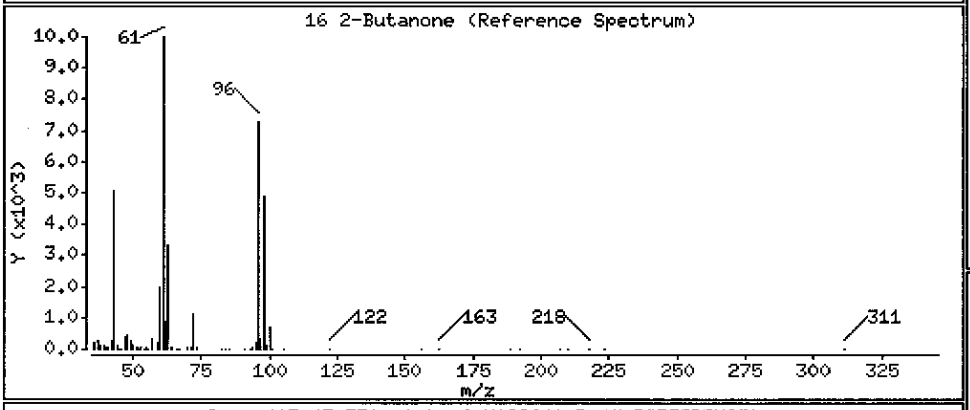
Concentration: 110 ug/Kg

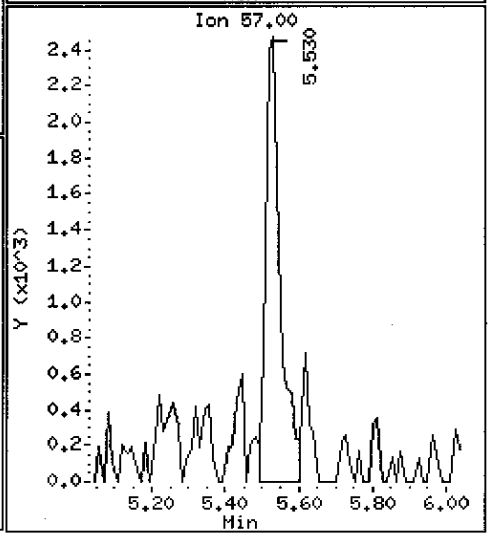


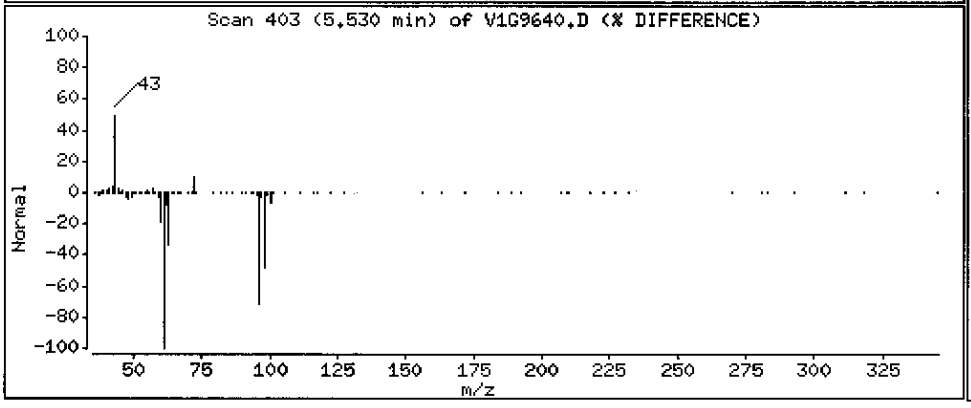












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9640.D

Date : 19-AUG-2005 16:32

Client ID: SD04-S-0

Instrument: V1.i

Sample Info: ,D0926-14C,,19568,

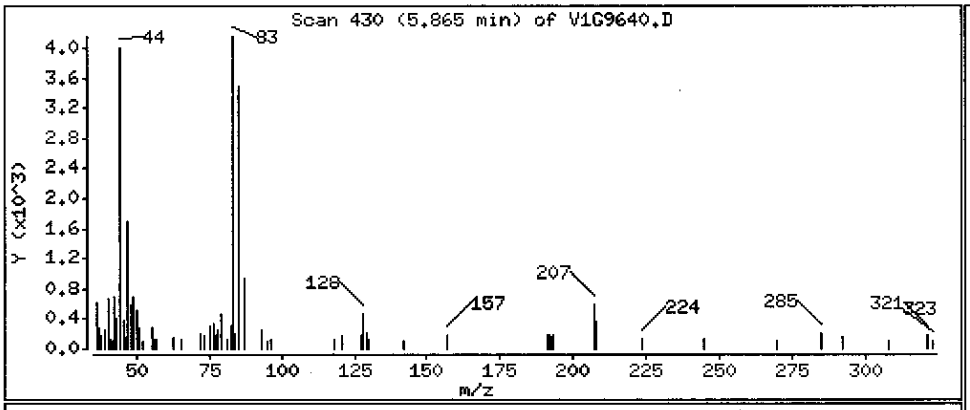
Operator: LG SRC: LIMS

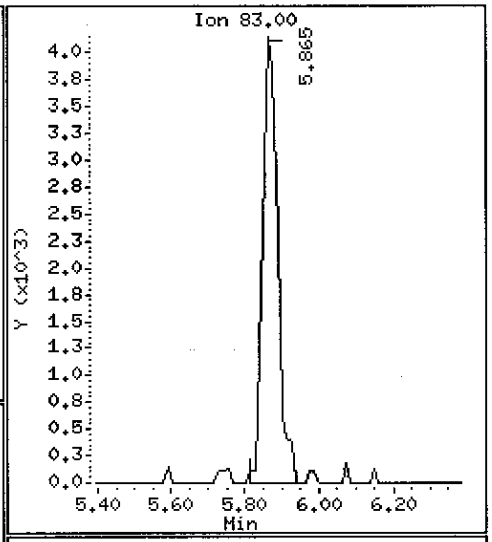
Column phase: DB-624

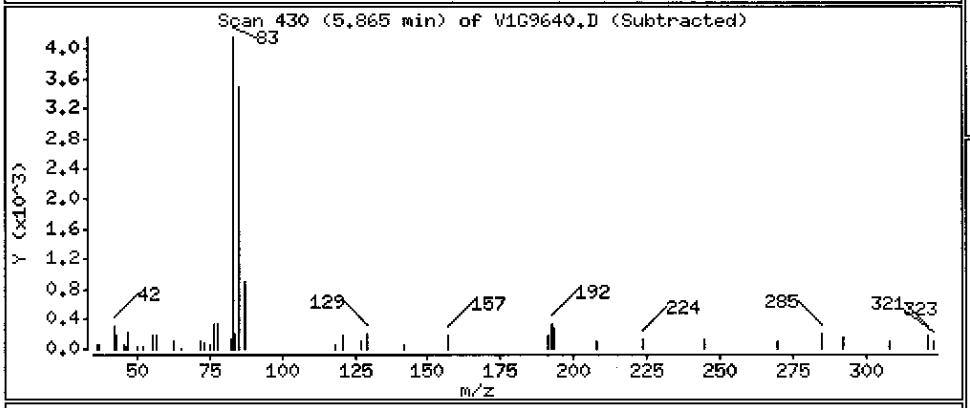
Column diameter: 0.25

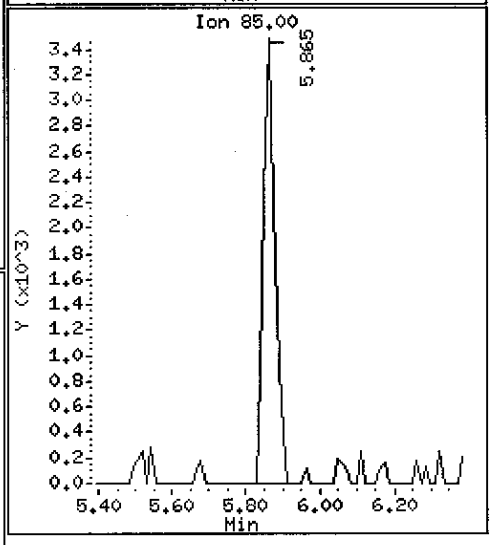
19 Chloroform

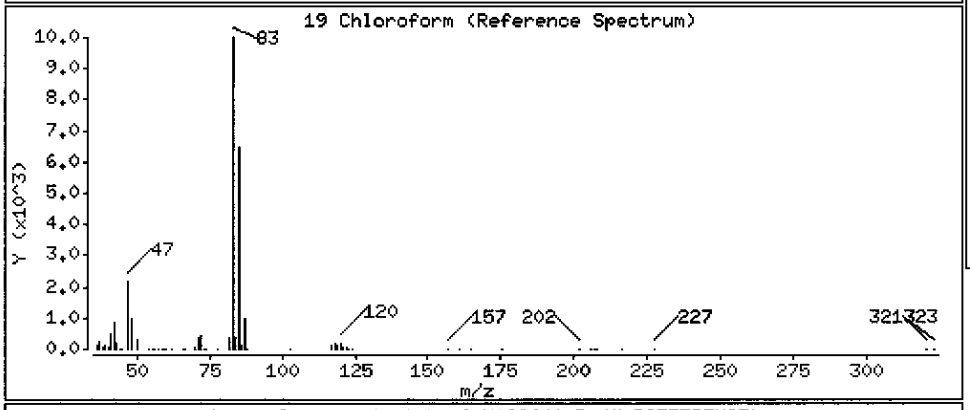
Concentration: 5 ug/Kg

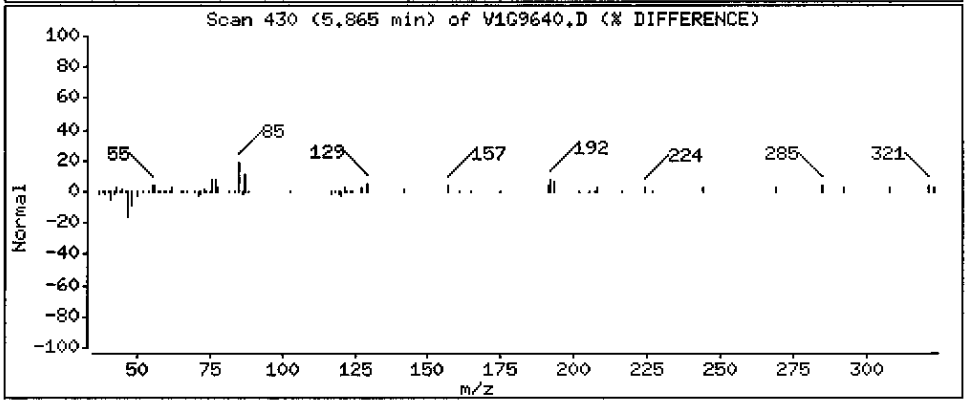












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9640.D

Date : 19-AUG-2005 16:32

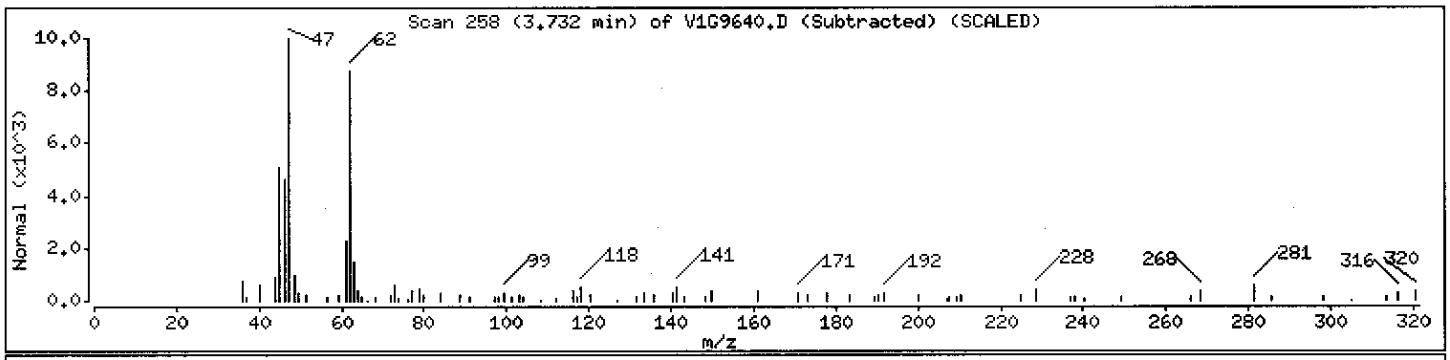
Client ID: SD04-S-0 Instrument: V1.i

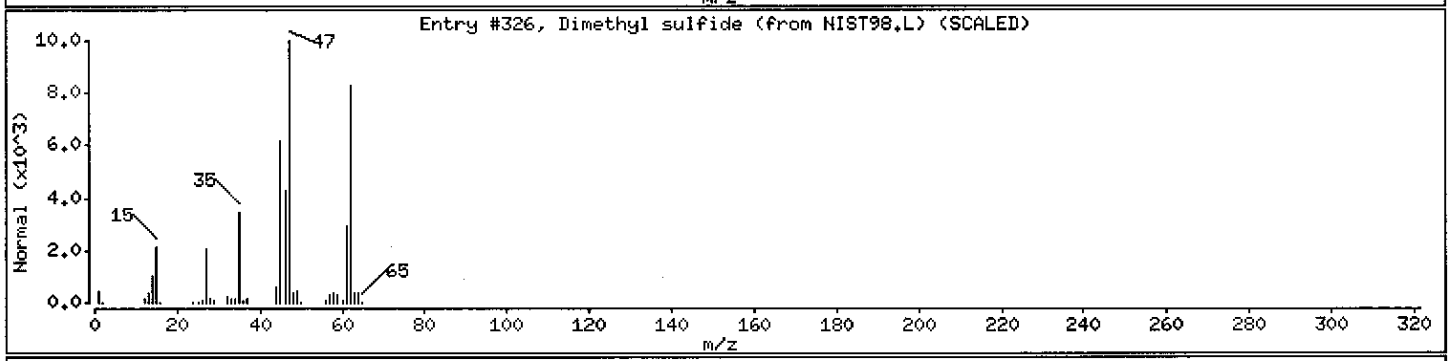
Sample Info: ,D0926-14C,,19568,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethyl sulfide	75-18-3	NIST98.L	326	91	C2H6S	62





Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9640.D

Date : 19-AUG-2005 16:32

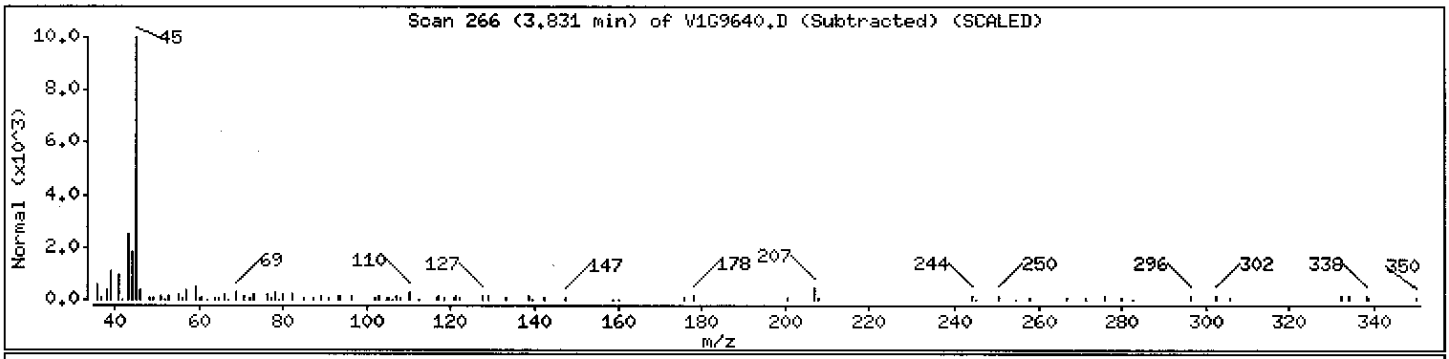
Client ID: SD04-S-0 Instrument: V1.i

Sample Info: ,D0926-14C,,19568,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9640.D

Date : 19-AUG-2005 16:32

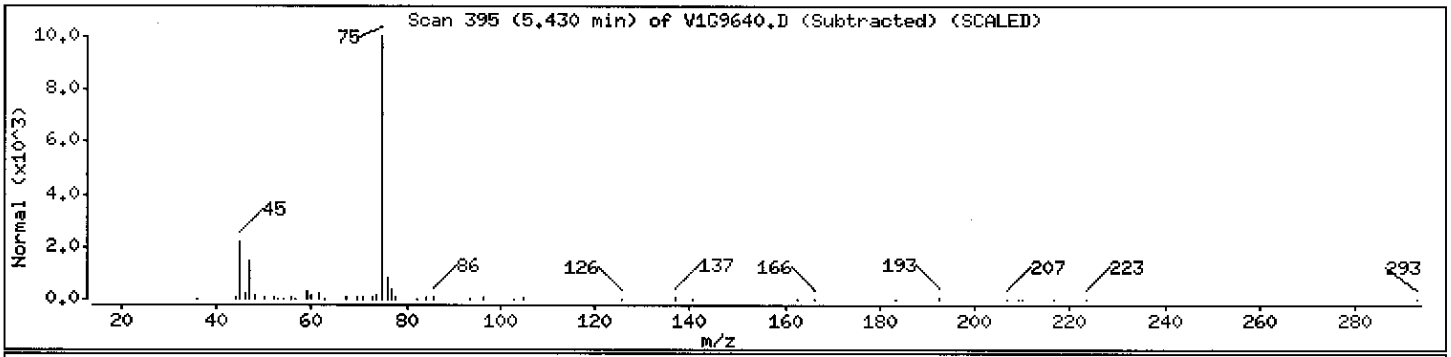
Client ID: SD04-S-0 Instrument: V1.i

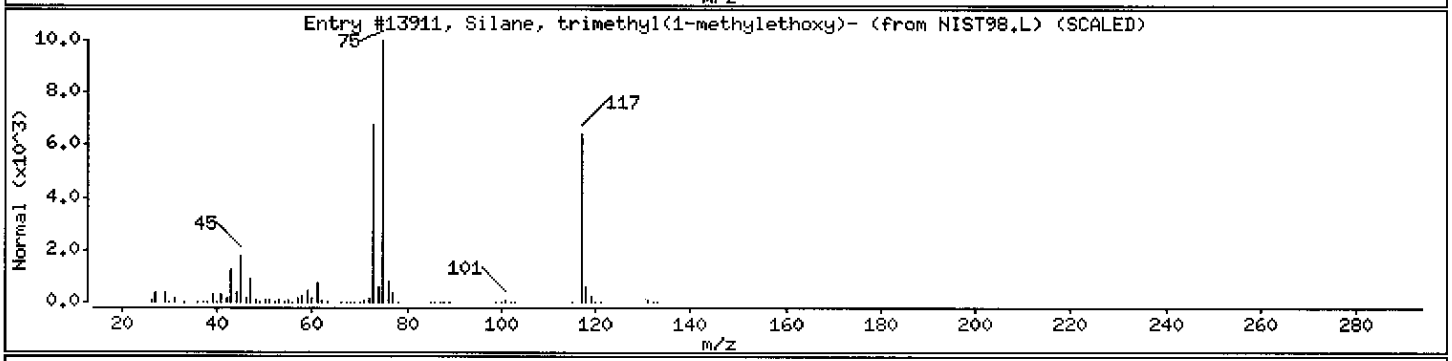
Sample Info: ,D0926-14C,,19568,

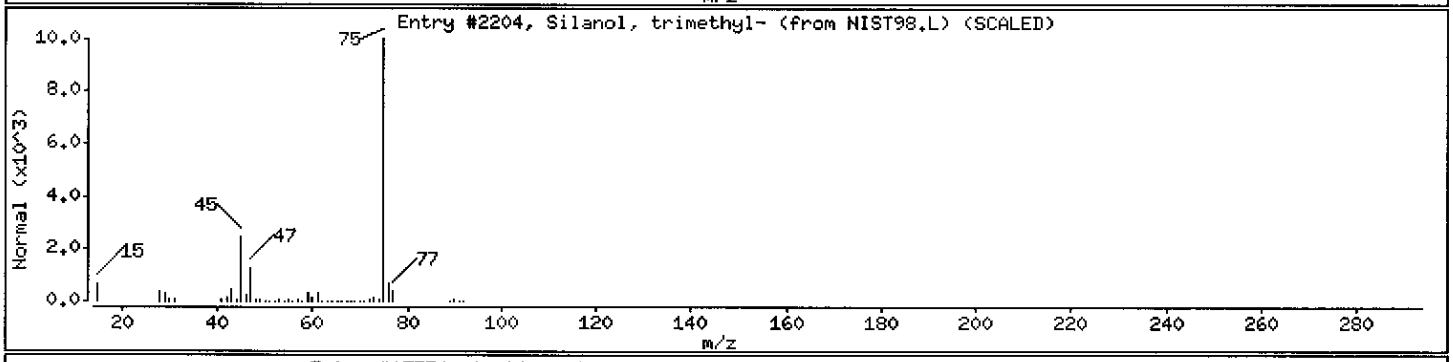
Operator: LG SRC: LIMS

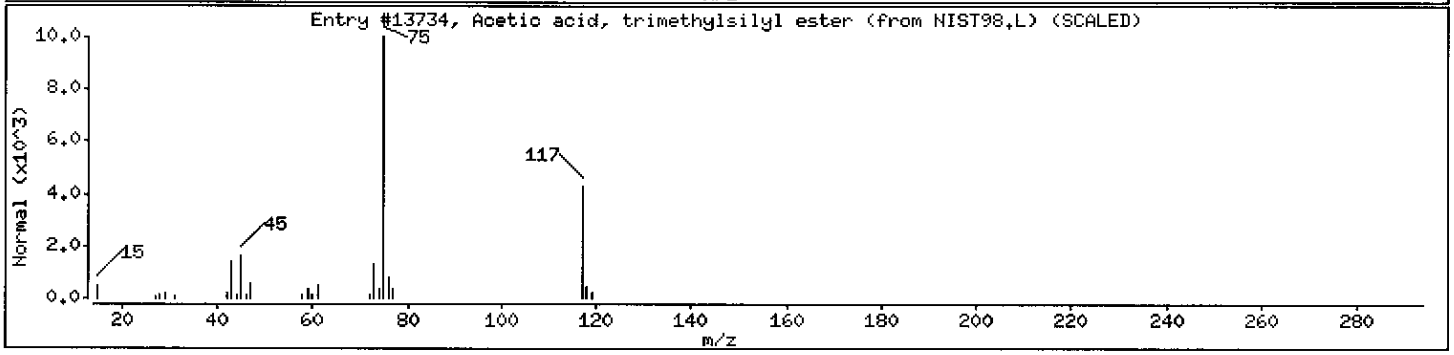
Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Silane, trimethyl(1-methylethoxy)-	1825-64-5	NIST98.L	13911	83	C6H16OSi	132
Silanol, trimethyl-	1066-40-6	NIST98.L	2204	78	C3H10OSi	90
Acetic acid, trimethylsilyl ester	18147-36-9	NIST98.L	13734	72	C5H12O2Si	132









Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9640.D

Date : 19-AUG-2005 16:32

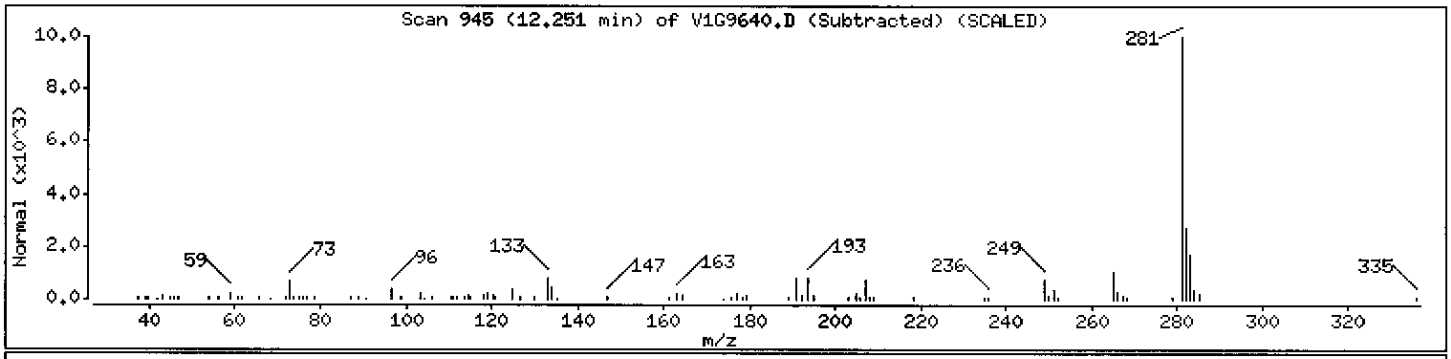
Client ID: SD04-S-0 Instrument: V1.i

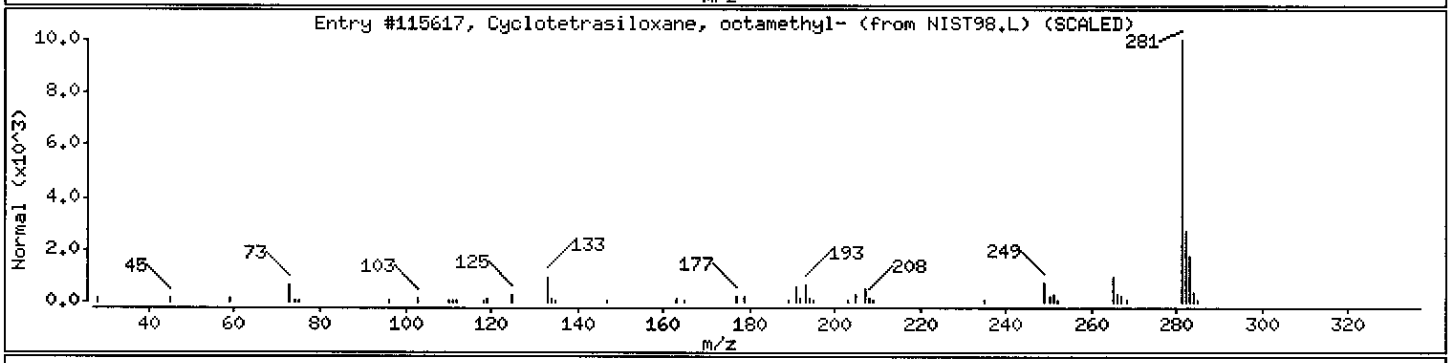
Sample Info: ,D0926-14C,,19568,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST98.L	115617	91	C8H24O4Si4	296





1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD05-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-08C

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9604

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 76 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	42	U
74-87-3	Chloromethane	42	U
75-01-4	Vinyl Chloride	42	U
74-83-9	Bromomethane	42	U
75-00-3	Chloroethane	42	U
75-69-4	Trichlorofluoromethane	42	U
75-35-4	1,1-Dichloroethene	42	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	42	U
67-64-1	Acetone	1100	E
75-15-0	Carbon Disulfide	42	U
79-20-9	Methyl Acetate	42	U
75-09-2	Methylene Chloride	400	
156-60-5	trans-1,2-Dichloroethene	42	U
1634-04-4	Methyl tert-Butyl Ether	42	U
75-34-3	1,1-Dichloroethane	42	U
156-59-2	cis-1,2-Dichloroethene	42	U
78-93-3	2-Butanone	420	
67-66-3	Chloroform	14	J
71-55-6	1,1,1-Trichloroethane	42	U
110-82-7	Cyclohexane	42	U
56-23-5	Carbon Tetrachloride	42	U
71-43-2	Benzene	42	U
107-06-2	1,2-Dichloroethane	42	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD05-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-08C

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9604

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 76 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	42	U
108-87-2	Methylcyclohexane	42	U
78-87-5	1,2-Dichloropropane	42	U
75-27-4	Bromodichloromethane	42	U
10061-01-5	cis-1,3-Dichloropropene	42	U
108-10-1	4-Methyl-2-Pentanone	42	U
108-88-3	Toluene	9	J
10061-02-6	trans-1,3-Dichloropropene	42	U
79-00-5	1,1,2-Trichloroethane	42	U
127-18-4	Tetrachloroethene	4	J
591-78-6	2-Hexanone	42	U
124-48-1	Dibromochloromethane	42	U
106-93-4	1,2-Dibromoethane	42	U
108-90-7	Chlorobenzene	42	U
100-41-4	Ethylbenzene	42	U
1330-20-7	Xylene (Total)	42	U
100-42-5	Styrene	42	U
75-25-2	Bromoform	42	U
98-82-8	Isopropylbenzene	42	U
79-34-5	1,1,2,2-Tetrachloroethane	42	U
541-73-1	1,3-Dichlorobenzene	42	U
106-46-7	1,4-Dichlorobenzene	42	U
95-50-1	1,2-Dichlorobenzene	42	U
96-12-8	1,2-Dibromo-3-chloropropane	42	U
120-82-1	1,2,4-Trichlorobenzene	42	U

1F

EPA SAMPLE NO.

SD05-S-O

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-08C

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9604

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 76 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	2.19	35	J
2.		UNKNOWN	3.73	210	J
3.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.26	47	NJ
4.		BRANCHED ALKANE	16.95	23	J
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
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19.					
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24.					
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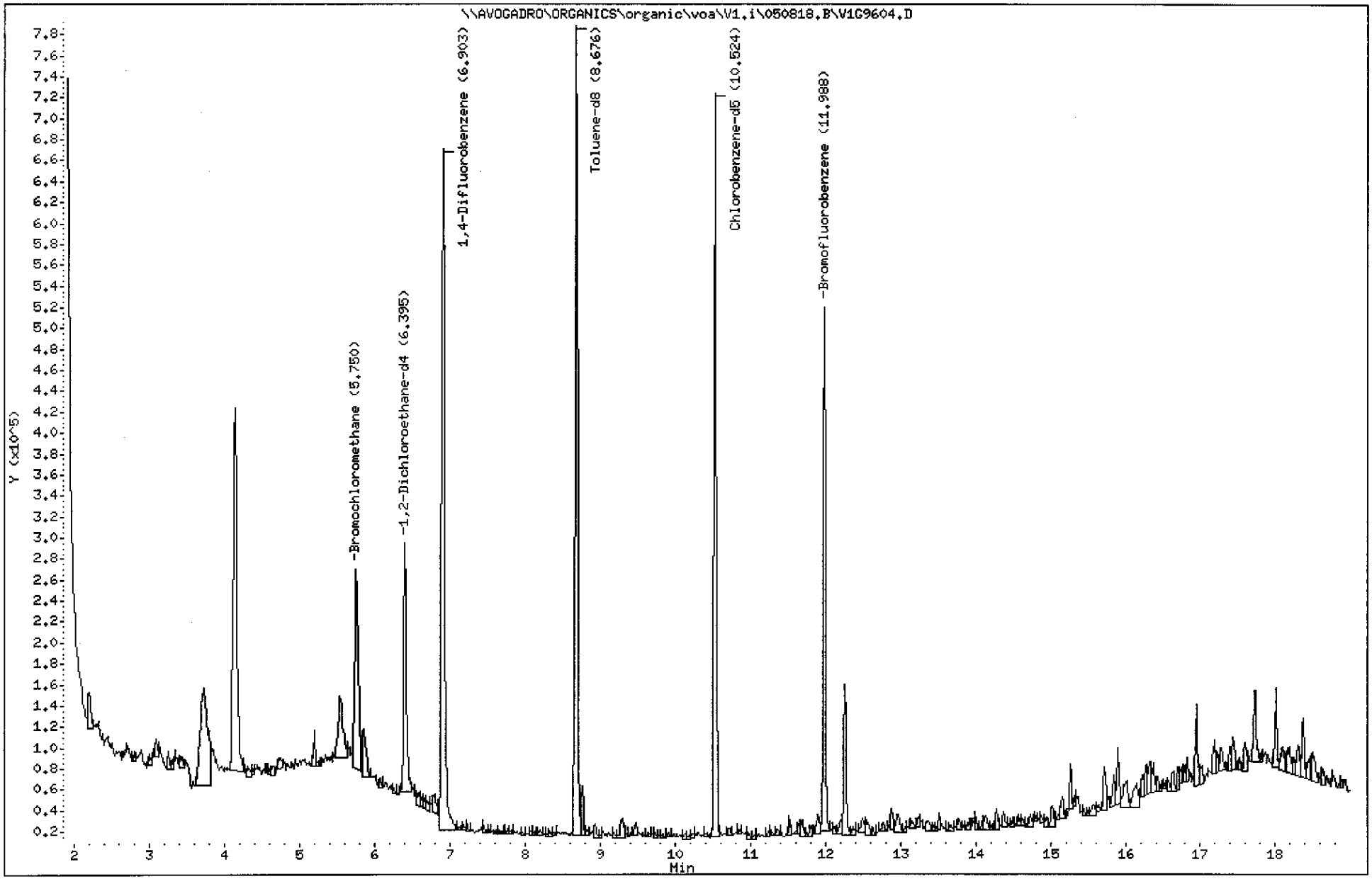
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9604.D
Date : 18-AUG-2005 18:33
Client ID: SD05-S-O
Sample Info: ,D0926-08C,,19555,

Instrument: V1.i

Operator: LG SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



0174

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9604.D
Report Date: 22-Aug-2005 14:43

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9604.D
Lab Smp Id: D0926-08C Client Smp ID: SD05-S-O
Inj Date : 18-AUG-2005 18:33
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-08C,,19555,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D ✓
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample (g)
M	76.000	% Moisture (not decanted)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	9 Acetone	43	3.704	3.667	(0.644)	525840	271.783	1100(A)
	12 Methylene Chloride	84	4.138	4.139	(0.720)	268270	95.8894	400
	16 2-Butanone	43	5.527	5.527	(0.961)	220250	100.942	420
*	18 Bromochloromethane	128	5.750	5.788	(1.000)	63617	50.0000	
	19 Chloroform	83	5.837	5.875	(1.015)	16170	3.26381	14(a)
$	23 1,2-Dichloroethane-d4	65	6.395	6.420	(1.112)	214500	66.2885	280(R)
*	26 1,4-Difluorobenzene	114	6.903	6.929	(1.000)	596641	50.0000	
$	33 Toluene-d8	98	8.677	8.690	(0.824)	594879	50.3603	210
	34 Toluene	91	8.763	8.777	(0.833)	32924	2.24494	9(a)
	37 Tetrachloroethene	164	9.470	9.483	(0.900)	3120	1.04899	4(aQ)
*	42 Chlorobenzene-d5	117	10.524	10.525	(1.000)	424730	50.0000	
$	50 Bromofluorobenzene	95	11.988	11.988	(1.139)	186770	39.2927	160

SB
8/22/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9604.D
Report Date: 22-Aug-2005 14:43

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9604.D
Report Date: 22-Aug-2005 14:43

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9604.D
Lab Smp Id: D0926-08C Client Smp ID: SD05-S-O
Inj Date : 18-AUG-2005 18:33
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-08C,,19555,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample (g)
M	76.000	% Moisture (not decanted)

ISTD	RT	AREA	AMOUNT
* 18 Bromochloromethane	5.750	618256	50.000
* 42 Chlorobenzene-d5	10.524	1473818	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
2.191	103281	8.35260798	35	0		0	18
Unknown				CAS #:			
3.729	636862	51.5047165	210	0		0	18

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9604.D
Report Date: 22-Aug-2005 14:43

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Cyclotetrasiloxane, octamethyl-					CAS #: 556-67-2		
12.260	332203	11.2701500	47	90	NIST98.L	115617	42
Branched Alkane					CAS #:		
16.948	164447	5.57894530	23	0		0	42

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9604.D

Date : 18-AUG-2005 18:33

Client ID: SD05-S-0

Instrument: V1.i

Sample Info: ,D0926-08C,,19555,

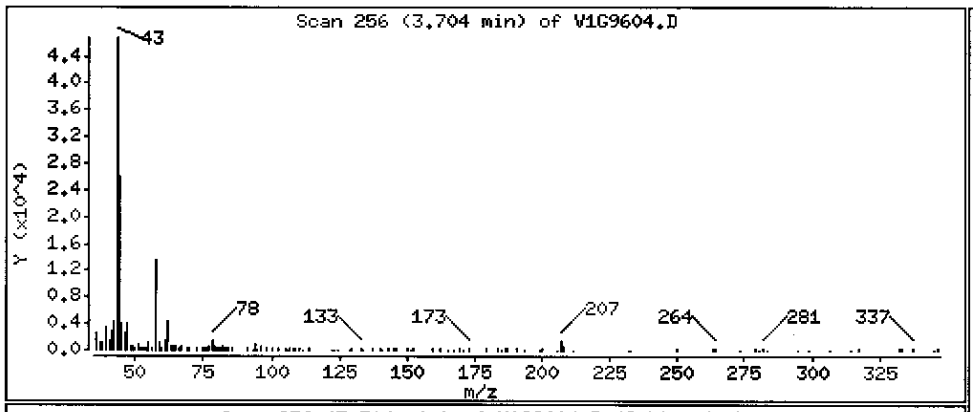
Operator: LG SRC: LIMS

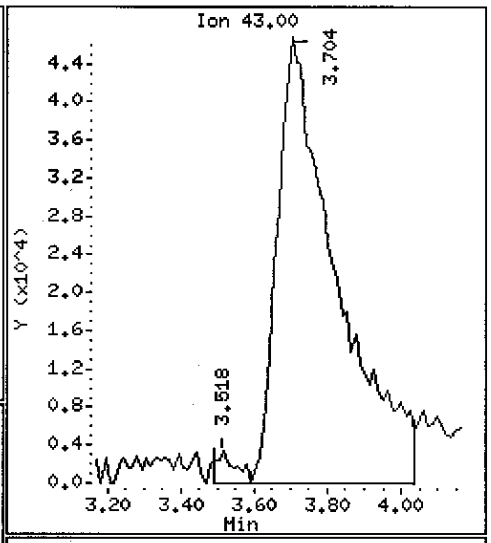
Column phase: DB-624

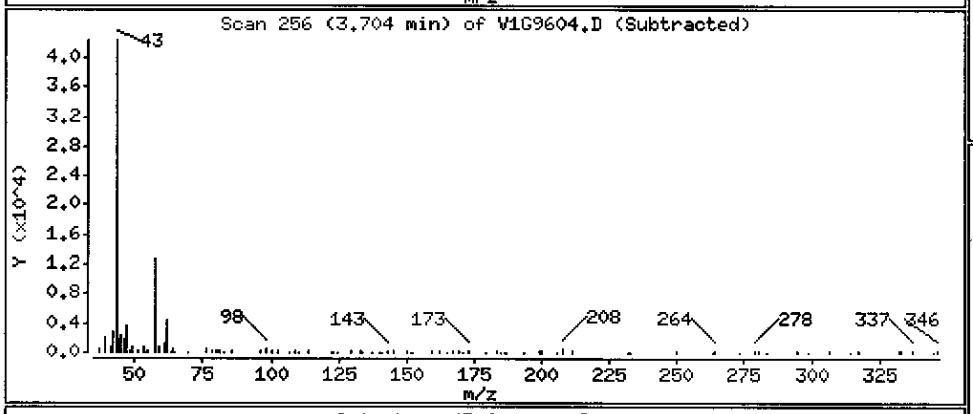
Column diameter: 0.25

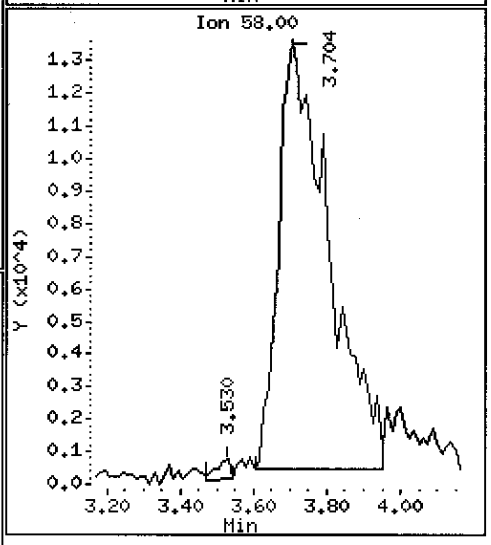
9 Acetone

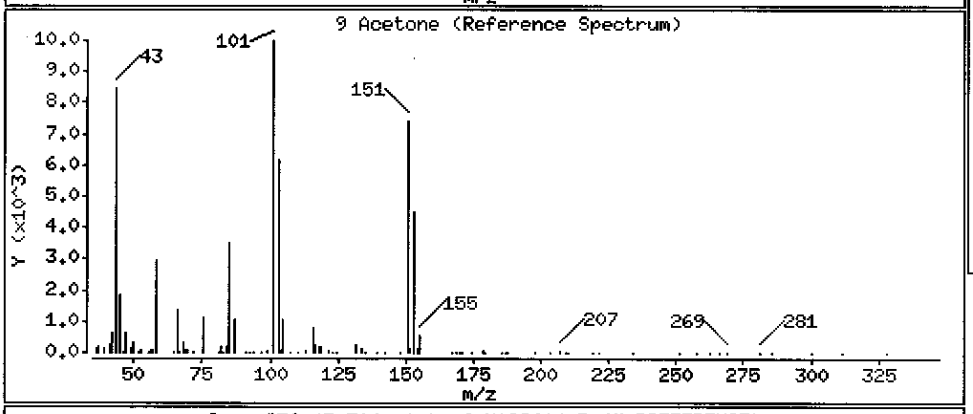
Concentration: 1100 ug/Kg

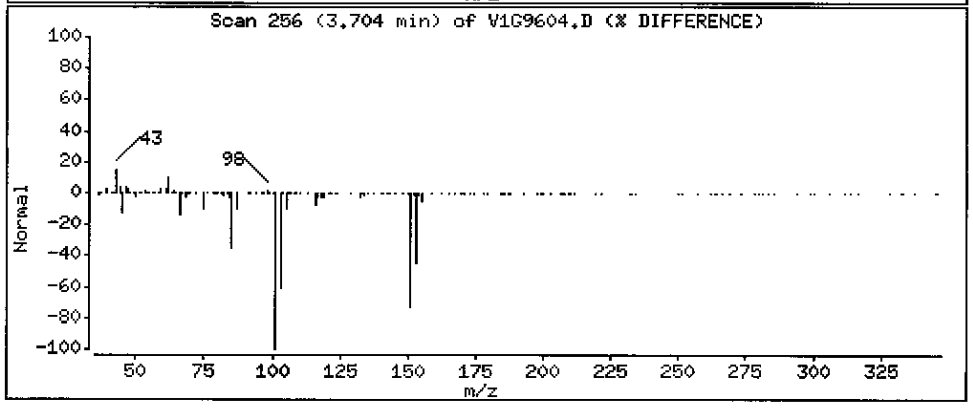












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9604.D

Date : 18-AUG-2005 18:33

Client ID: SD05-S-O

Instrument: V1.i

Sample Info: ,D0926-08C,,19555,

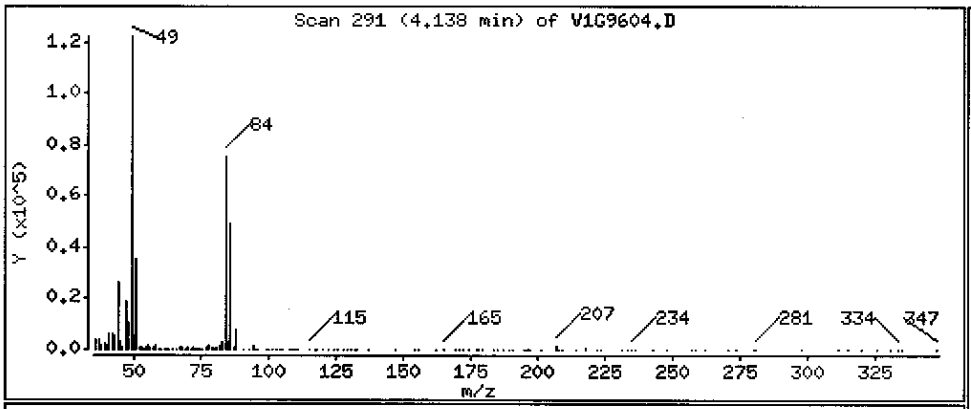
Operator: LG SRC: LIMS

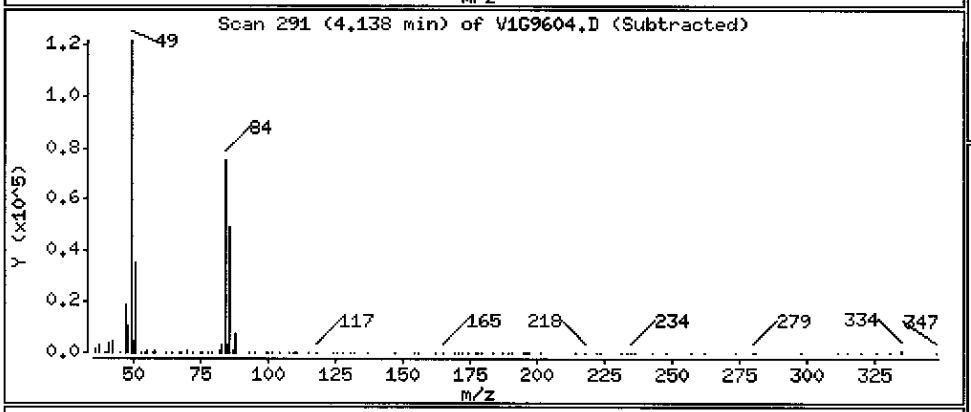
Column phase: DB-624

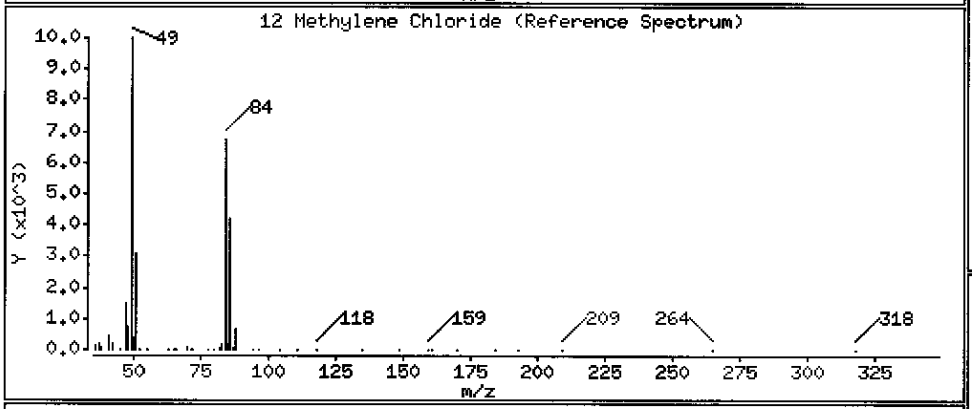
Column diameter: 0.25

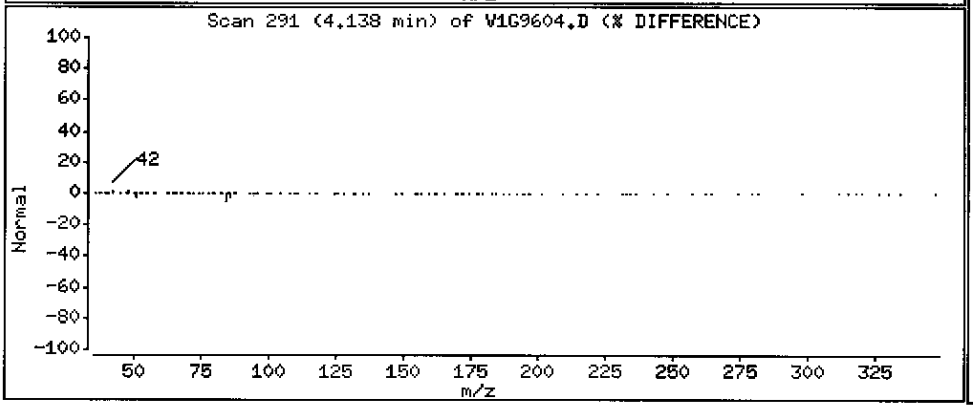
12 Methylene Chloride

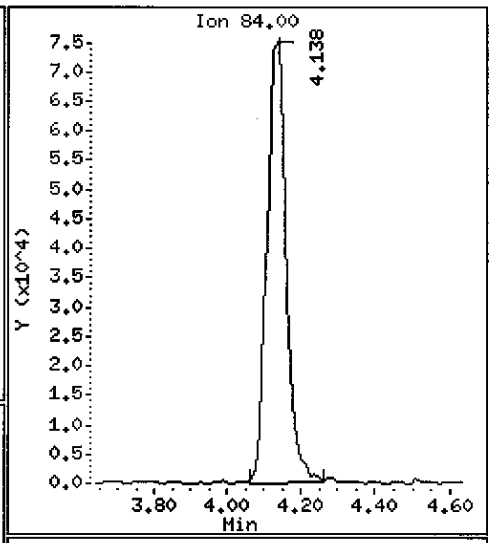
Concentration: 400 ug/Kg

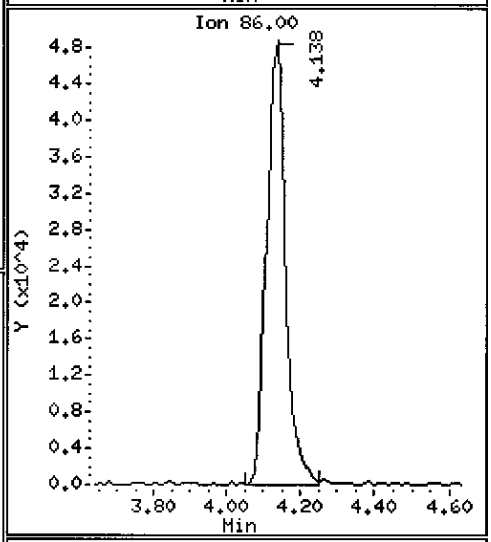


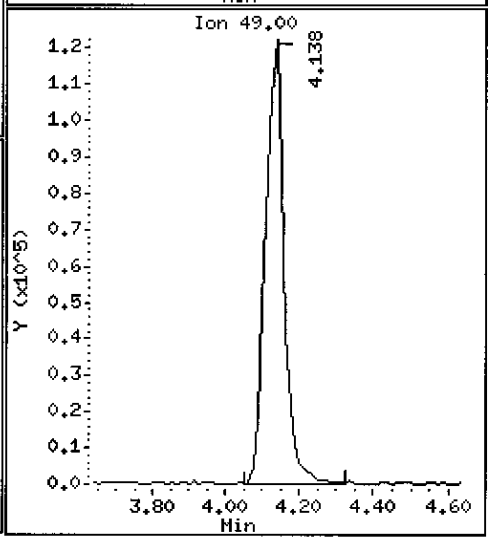












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9604.D

Date : 18-AUG-2005 18:33

Client ID: SD05-S-O

Instrument: V1.i

Sample Info: ,D0926-08C,,19555,

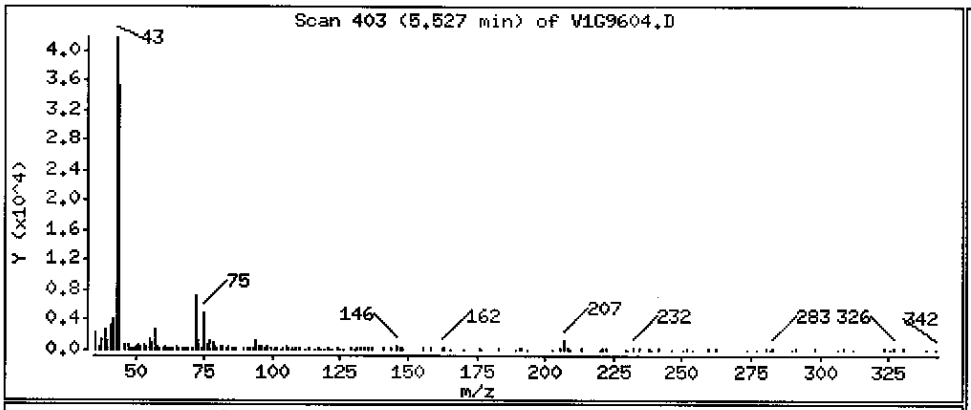
Operator: LG SRC: LIMS

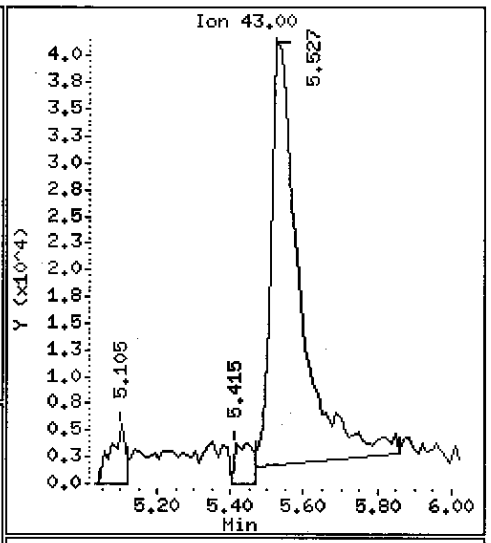
Column phase: DB-624

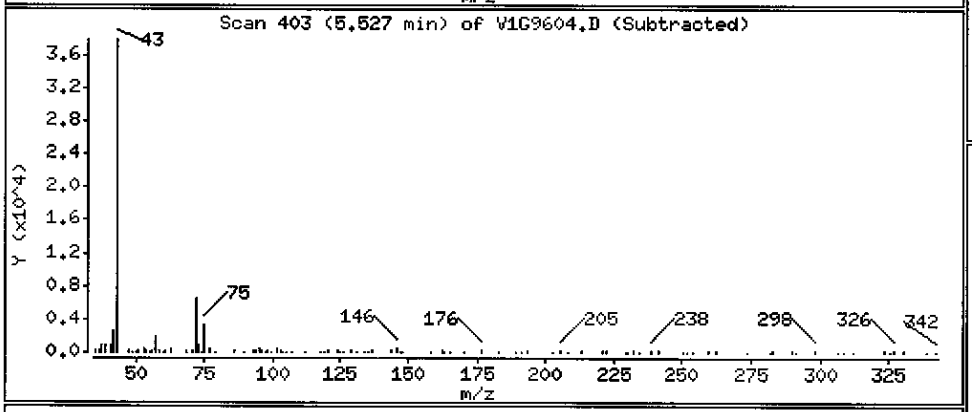
Column diameter: 0.25

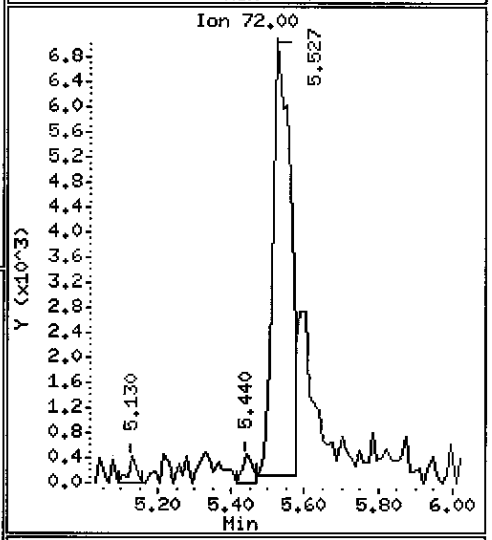
16 2-Butanone

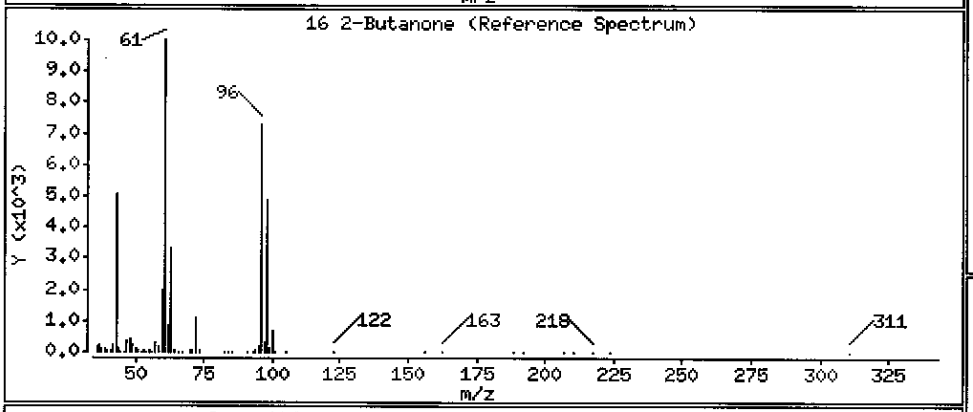
Concentration: 420 ug/Kg

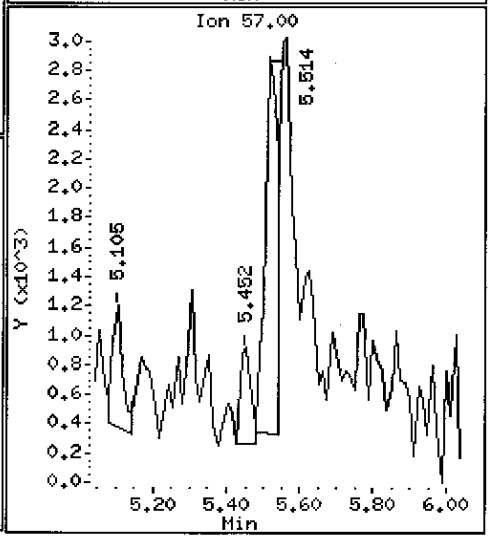


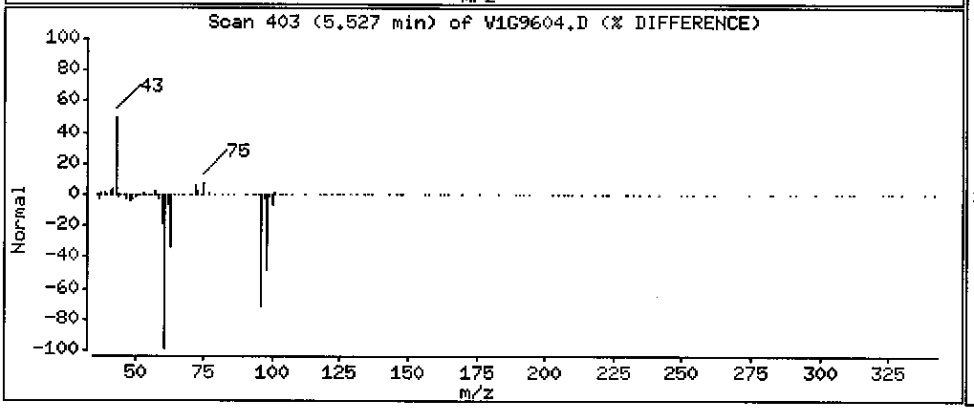












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9604.D

Date : 18-AUG-2005 18:33

Client ID: SD05-S-O

Instrument: V1.i

Sample Info: ,D0926-08C,,19555,

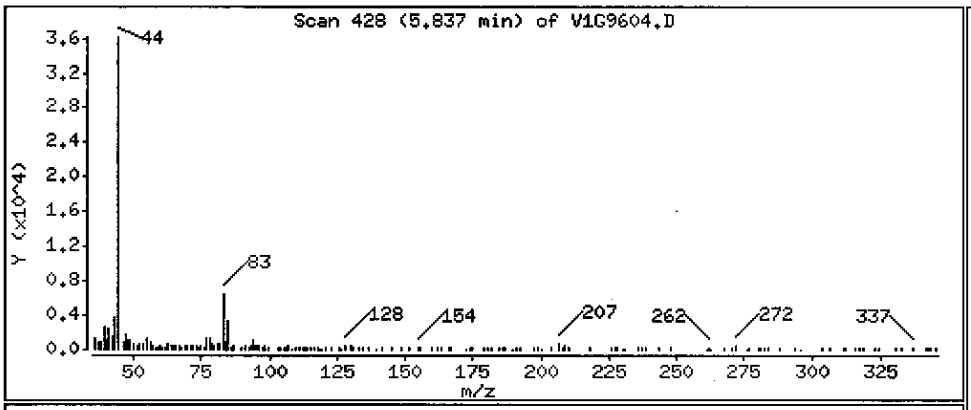
Operator: LG SRC: LIMS

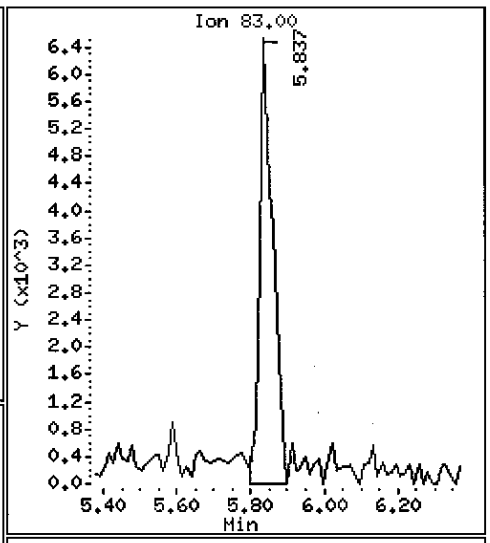
Column phase: DB-624

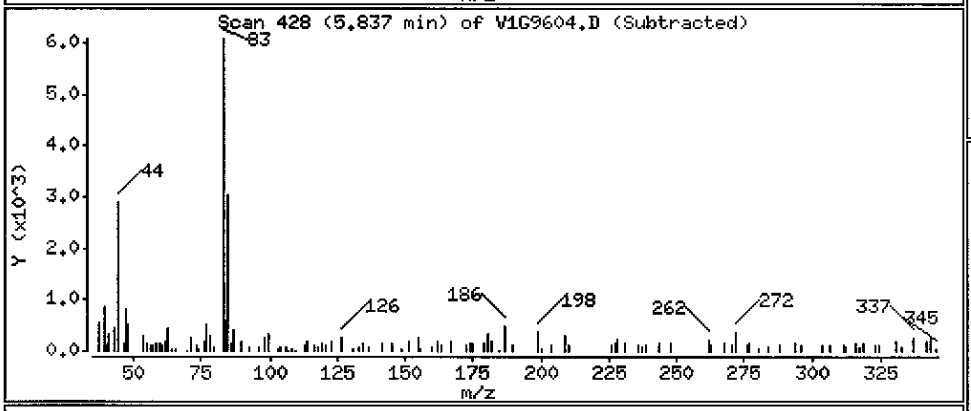
Column diameter: 0.25

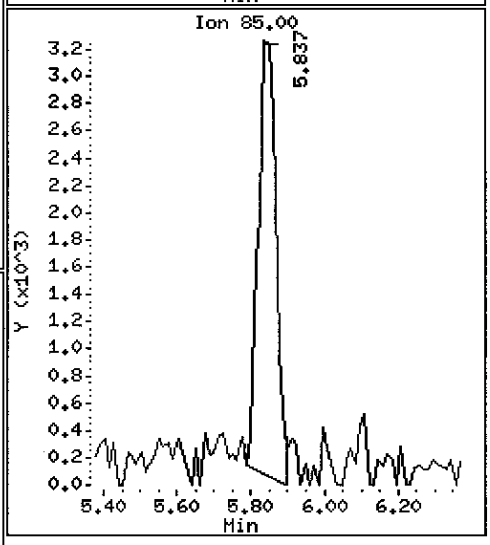
19 Chloroform

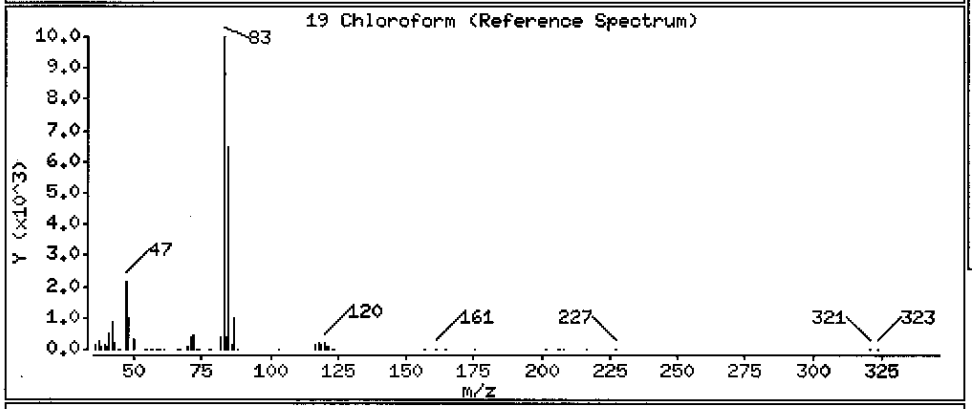
Concentration: 14 ug/Kg

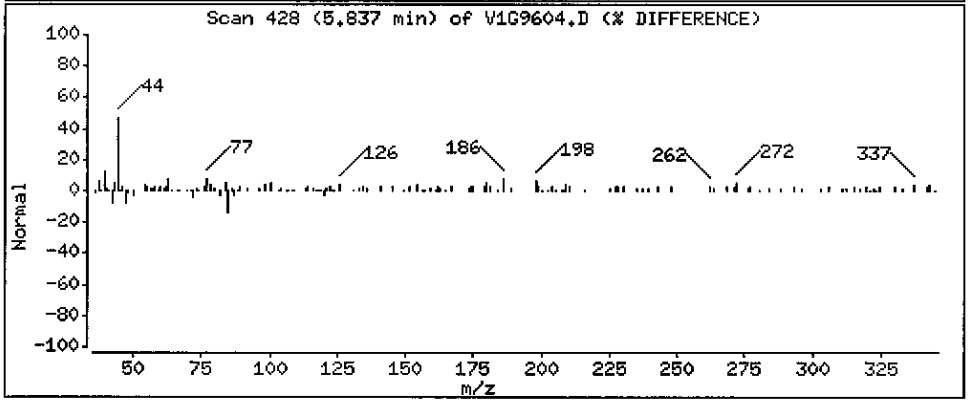












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9604.D

Date : 18-AUG-2005 18:33

Client ID: SD05-S-O

Instrument: V1.i

Sample Info: ,D0926-08C,,19555,

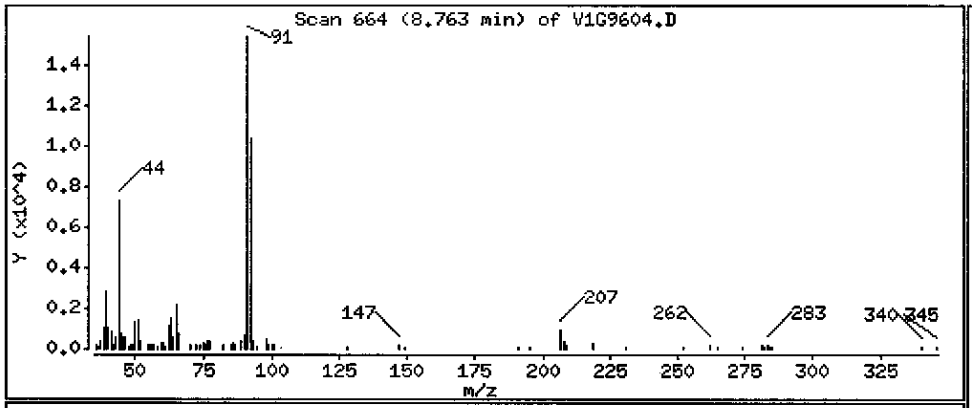
Operator: LG SRC: LIMS

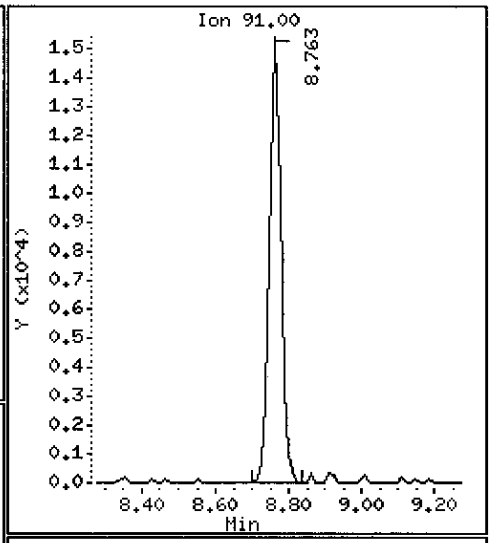
Column phase: DB-624

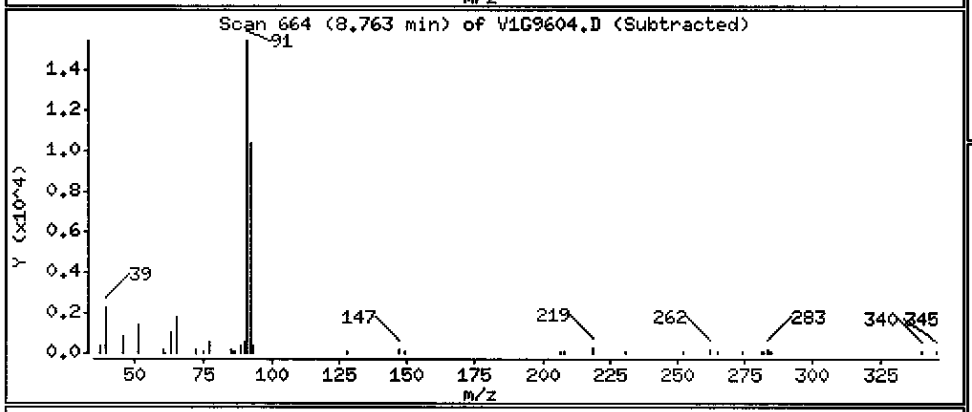
Column diameter: 0.25

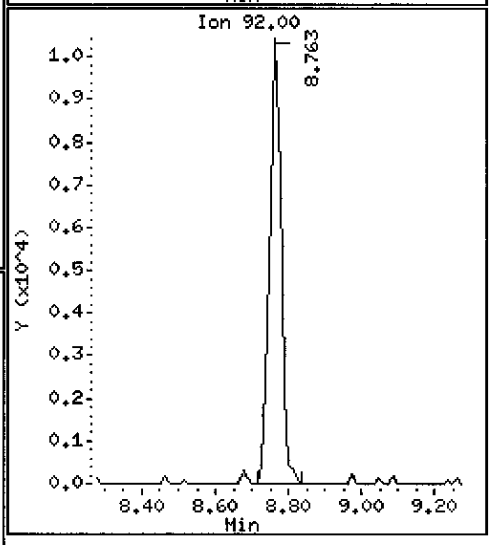
34 Toluene

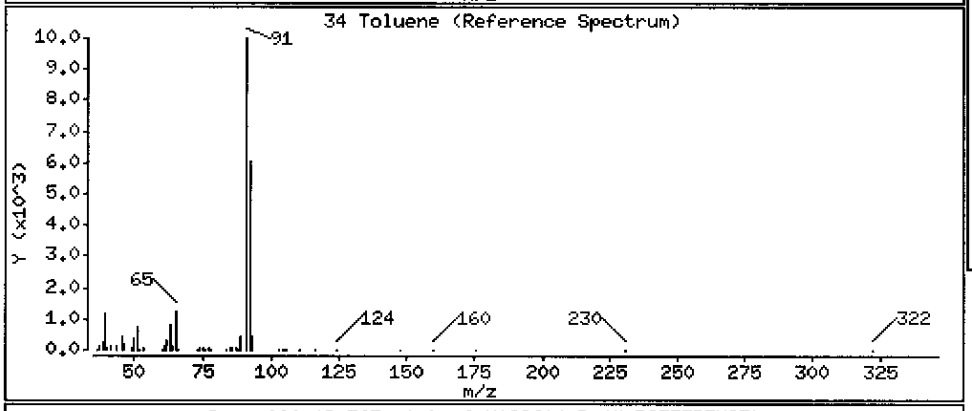
Concentration: 9 ug/Kg

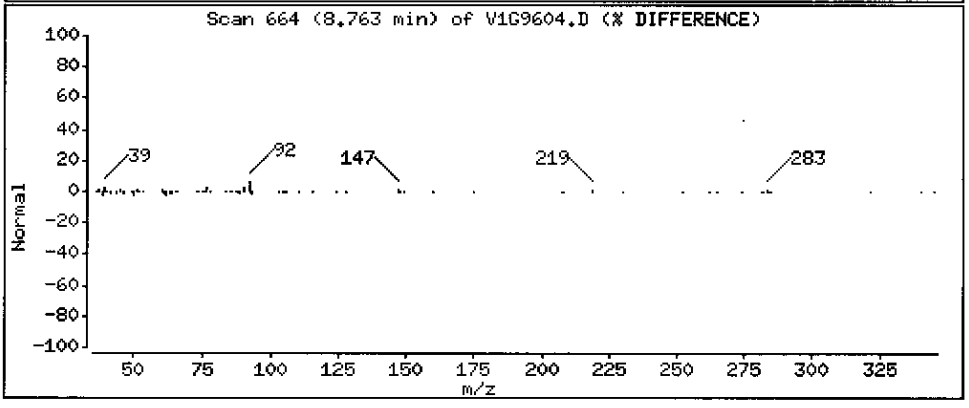












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9604.D

Date : 18-AUG-2005 18:33

Client ID: SD05-S-O

Instrument: V1.i

Sample Info: ,D0926-08C,,19555,

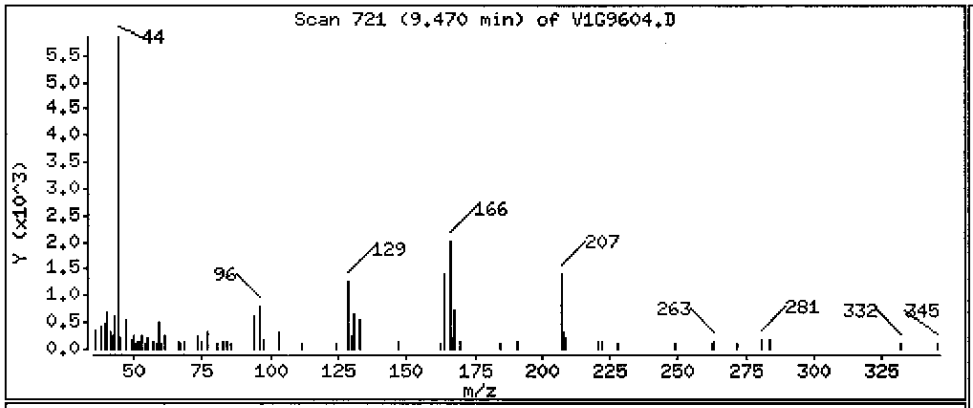
Operator: LG SRC: LIMS

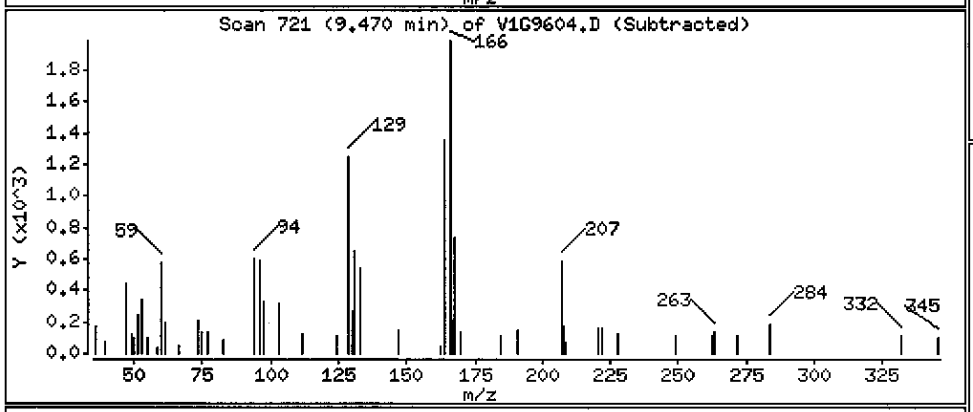
Column phase: DB-624

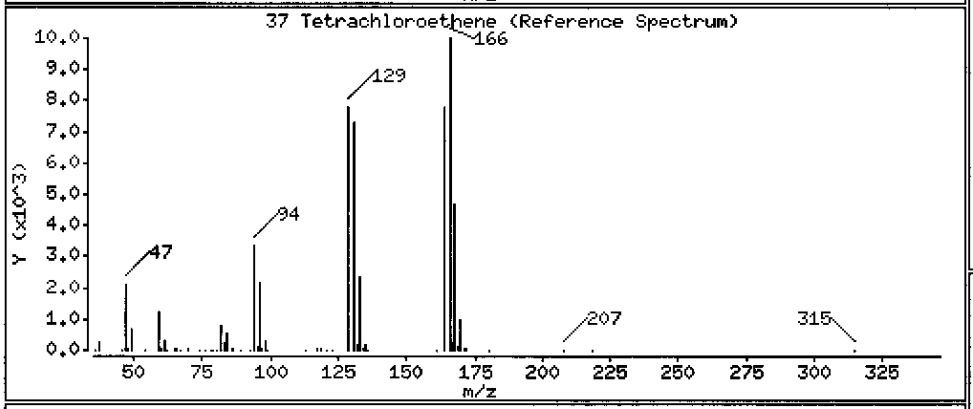
Column diameter: 0.25

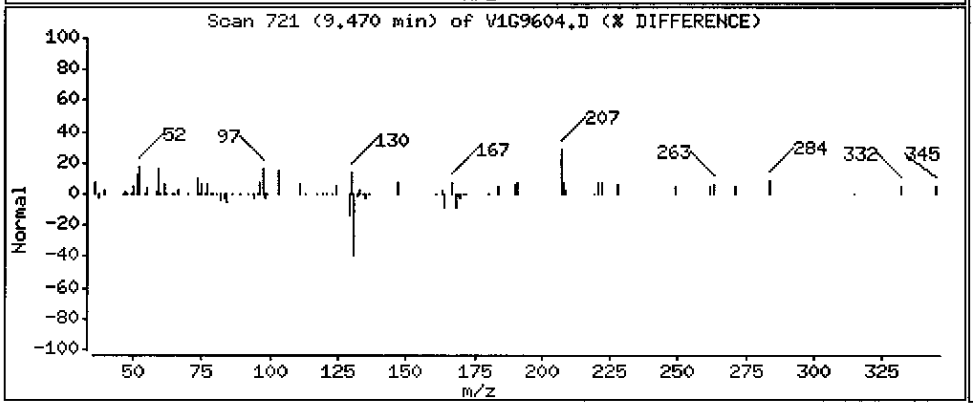
37 Tetrachloroethene

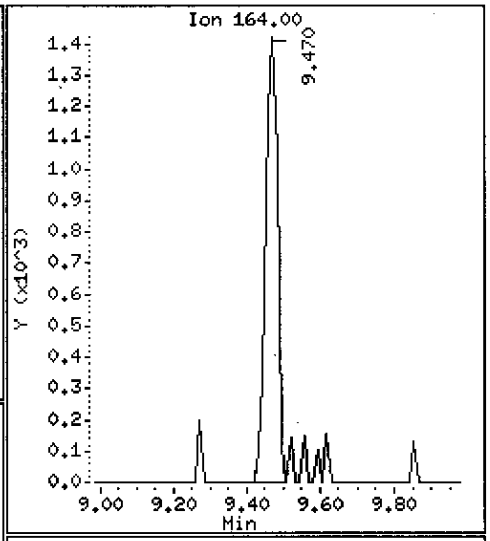
Concentration: 4 ug/Kg

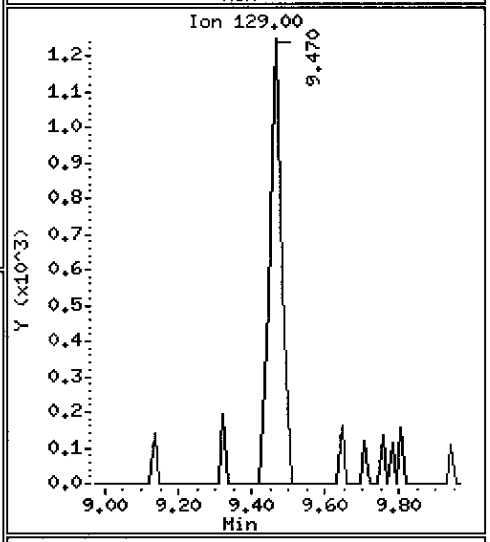


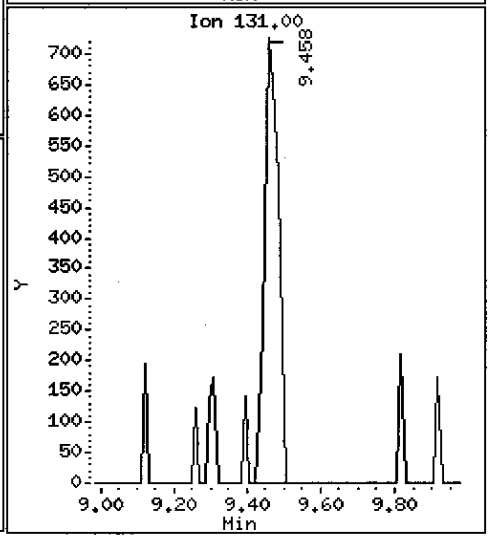












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9604.D

Date : 18-AUG-2005 18:33

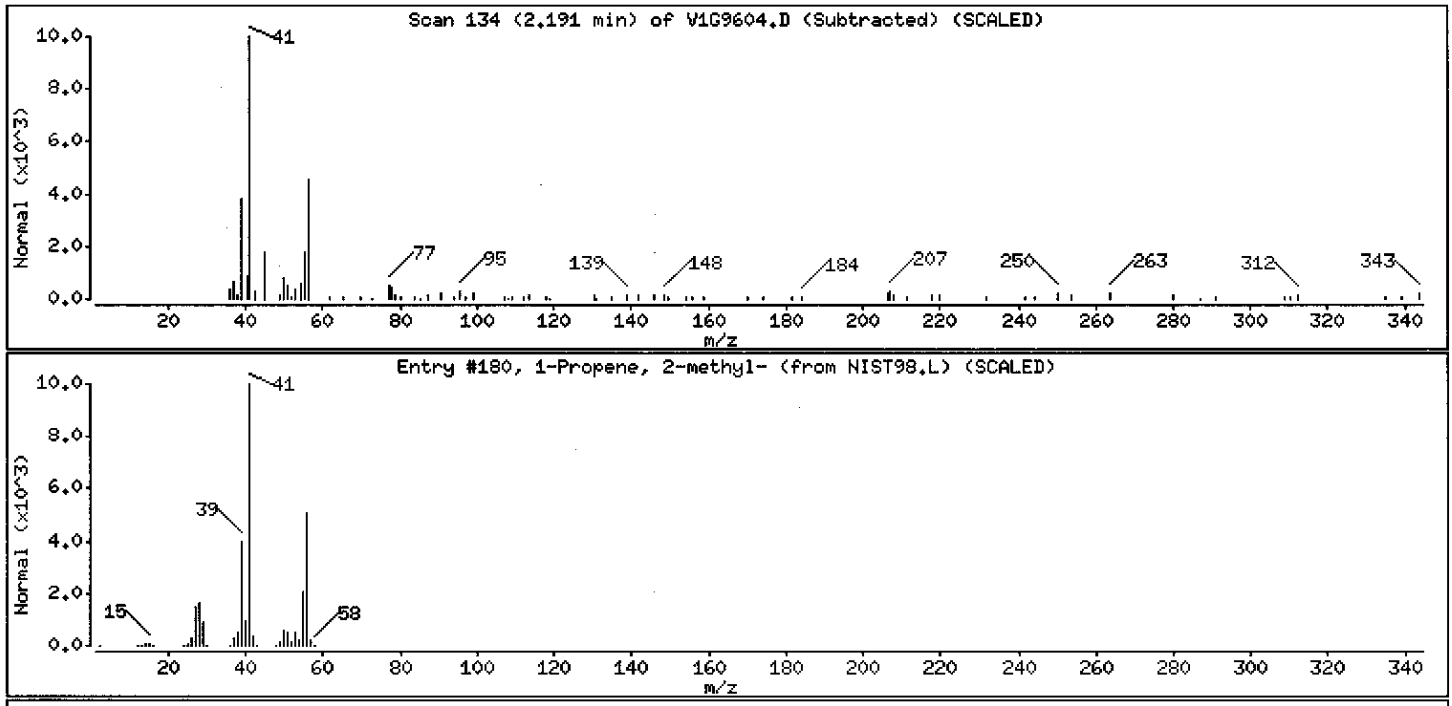
Client ID: SD05-S-0 Instrument: V1.i

Sample Info: ,D0926-08C,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Propene, 2-methyl-	115-11-7	NIST98.L	180	72	C4H8	56



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9604.D

Date : 18-AUG-2005 18:33

Client ID: SD05-S-O

Instrument: V1.i

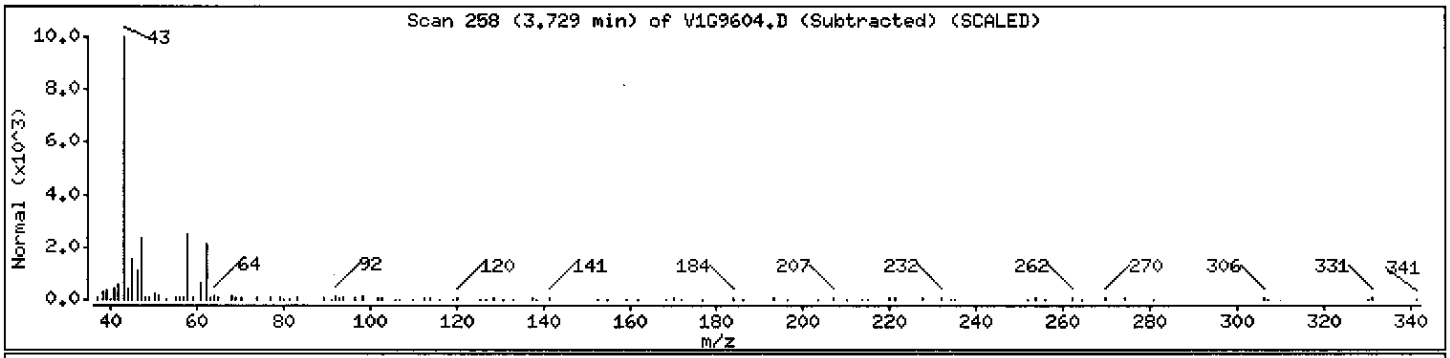
Sample Info: ,D0926-08C,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9604.D

Date : 18-AUG-2005 18:33

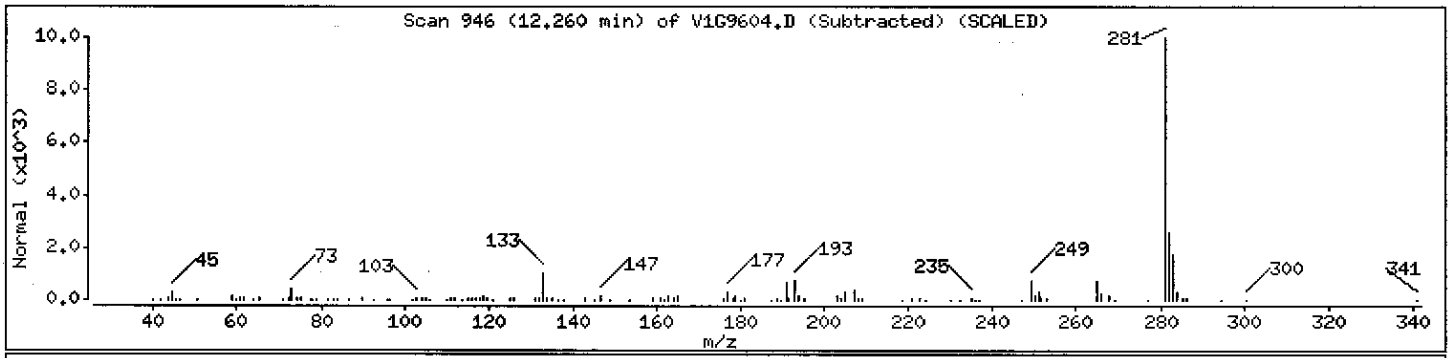
Client ID: SD05-S-0 Instrument: V1.i

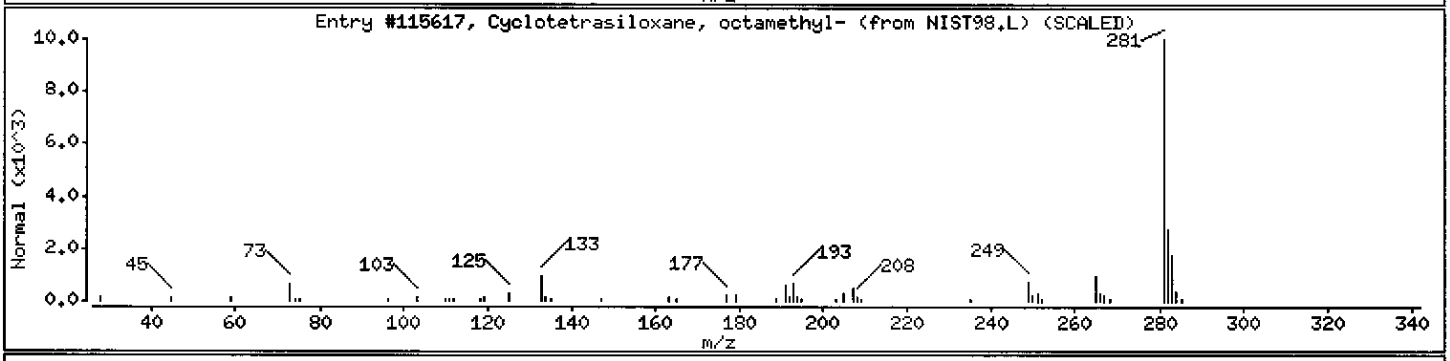
Sample Info: ,D0926-08C,,19555,

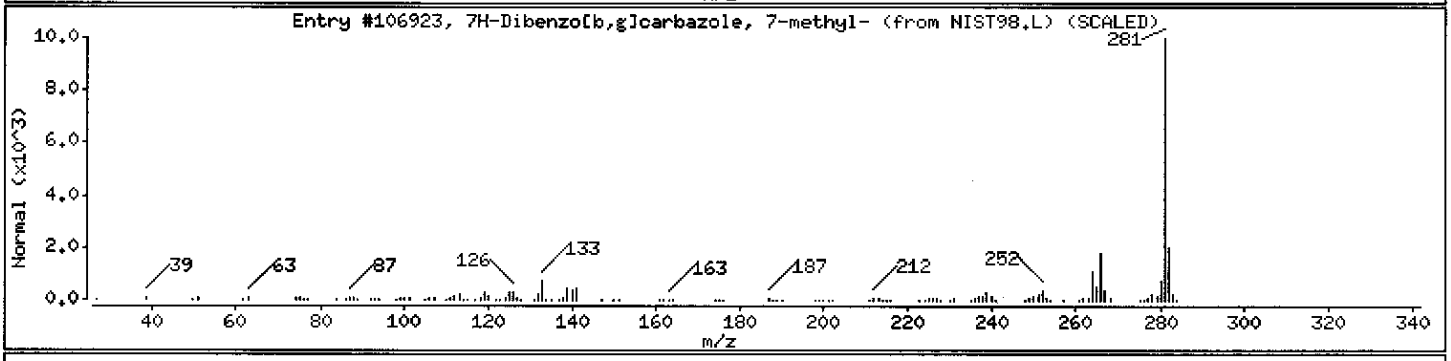
Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST98.L	115617	90	C8H24O4Si4	296
7H-Dibenzo[b,g]carbazole, 7-methyl-	3557-49-1	NIST98.L	106923	72	C21H15N	281







Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9604.D

Date : 18-AUG-2005 18:33

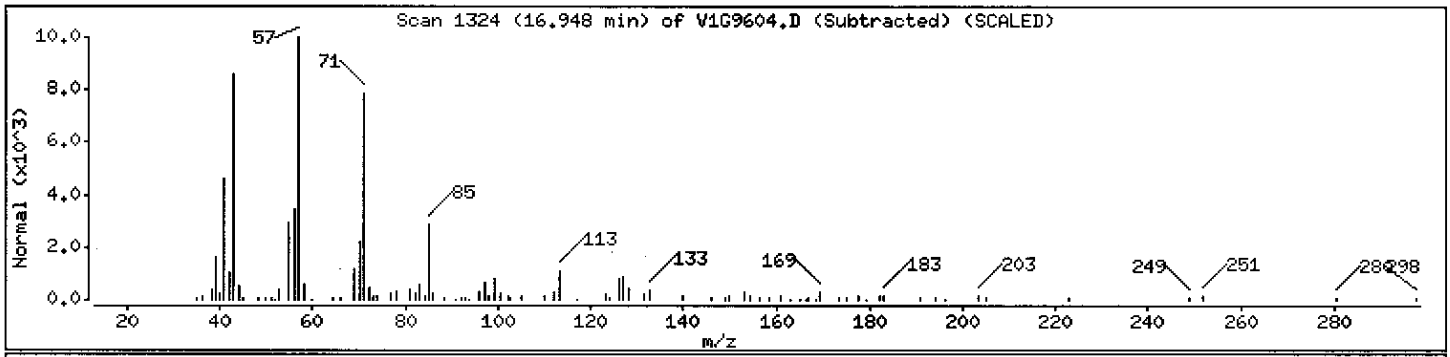
Client ID: SD05-S-0 Instrument: V1.i

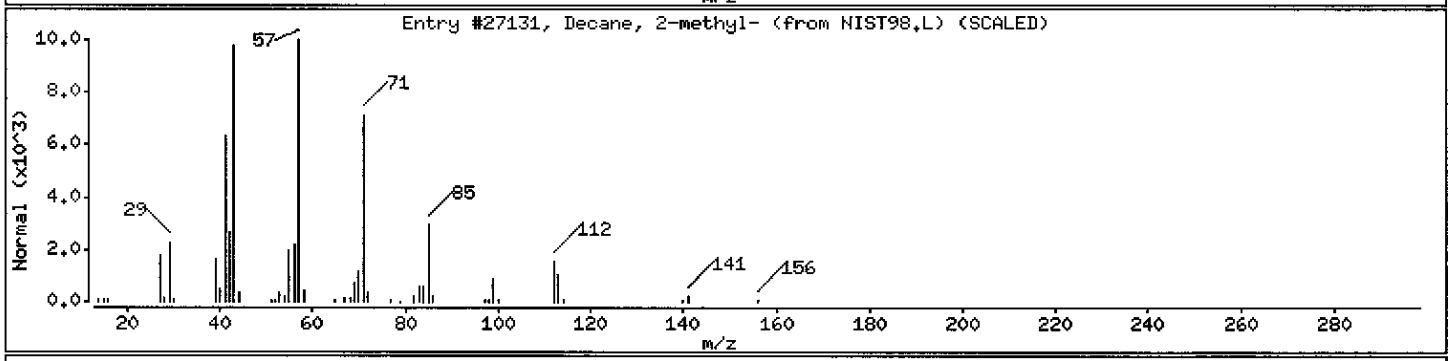
Sample Info: ,D0926-08C,,19555,

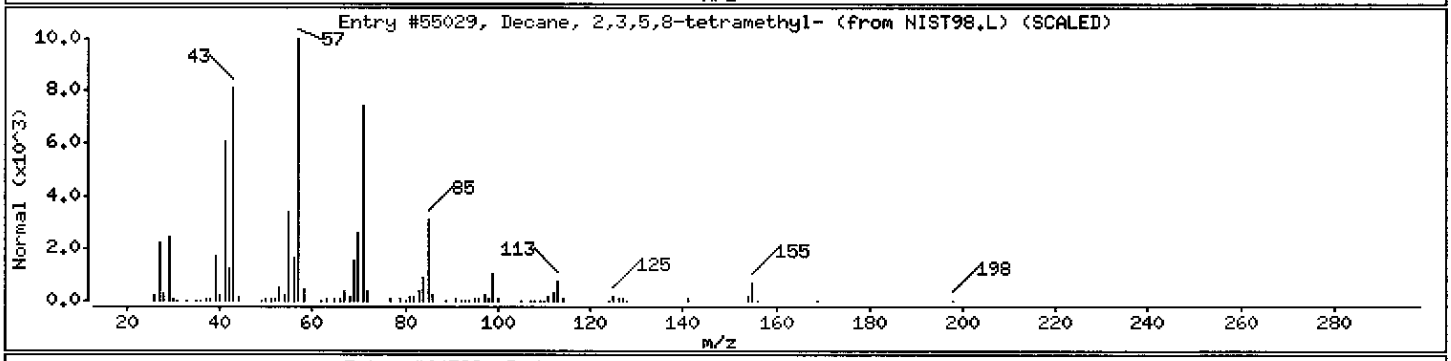
Operator: LG SRC: LIMS

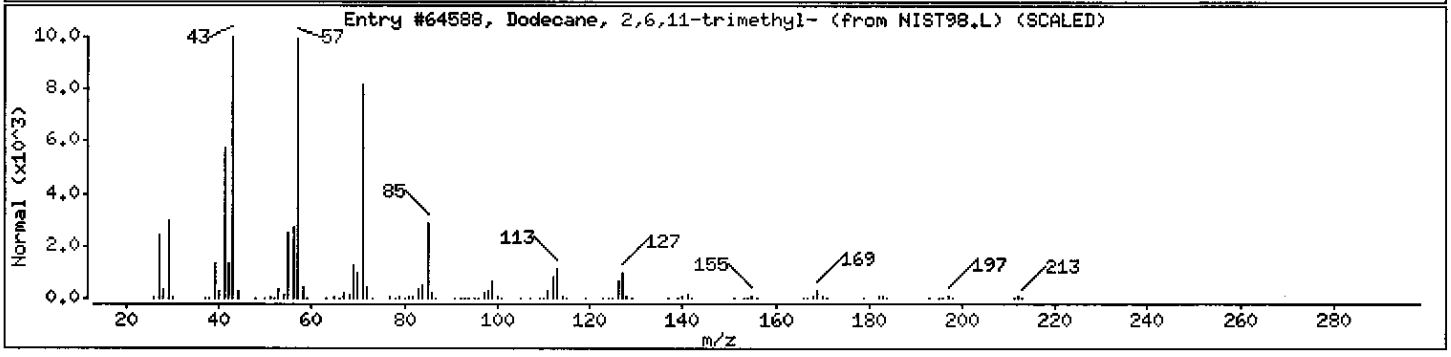
Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Decane, 2-methyl-	6975-98-0	NIST98.L	27131	86	C11H24	156
Decane, 2,3,5,8-tetramethyl-	192823-15-7	NIST98.L	55029	80	C14H30	198
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST98.L	64588	72	C15H32	212









1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD05-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-08D

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V6D7849

Level: (low/med) MED Date Received: 08/10/05

% Moisture: not dec. 76 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	5700	U
74-87-3	Chloromethane	5700	U
75-01-4	Vinyl Chloride	5700	U
74-83-9	Bromomethane	5700	U
75-00-3	Chloroethane	5700	U
75-69-4	Trichlorofluoromethane	5700	U
75-35-4	1,1-Dichloroethene	5700	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5700	U
67-64-1	Acetone	1800	DJ
75-15-0	Carbon Disulfide	5700	U
79-20-9	Methyl Acetate	11000	D
75-09-2	Methylene Chloride	3200	DJ
156-60-5	trans-1,2-Dichloroethene	5700	U
1634-04-4	Methyl tert-Butyl Ether	5700	U
75-34-3	1,1-Dichloroethane	5700	U
156-59-2	cis-1,2-Dichloroethene	5700	U
78-93-3	2-Butanone	5700	U
67-66-3	Chloroform	5700	U
71-55-6	1,1,1-Trichloroethane	5700	U
110-82-7	Cyclohexane	5700	U
56-23-5	Carbon Tetrachloride	5700	U
71-43-2	Benzene	5700	U
107-06-2	1,2-Dichloroethane	5700	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD05-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-08D

Sample wt/vol: 5.1(g/mL) G Lab File ID: V6D7849

Level: (low/med) MED Date Received: 08/10/05

% Moisture: not dec. 76 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	5700	U
108-87-2	Methylcyclohexane	5700	U
78-87-5	1,2-Dichloropropane	5700	U
75-27-4	Bromodichloromethane	5700	U
10061-01-5	cis-1,3-Dichloropropene	5700	U
108-10-1	4-Methyl-2-Pentanone	5700	U
108-88-3	Toluene	5700	U
10061-02-6	trans-1,3-Dichloropropene	5700	U
79-00-5	1,1,2-Trichloroethane	5700	U
127-18-4	Tetrachloroethene	5700	U
591-78-6	2-Hexanone	5700	U
124-48-1	Dibromochloromethane	5700	U
106-93-4	1,2-Dibromoethane	5700	U
108-90-7	Chlorobenzene	5700	U
100-41-4	Ethylbenzene	5700	U
1330-20-7	Xylene (Total)	5700	U
100-42-5	Styrene	5700	U
75-25-2	Bromoform	5700	U
98-82-8	Isopropylbenzene	5700	U
79-34-5	1,1,2,2-Tetrachloroethane	5700	U
541-73-1	1,3-Dichlorobenzene	5700	U
106-46-7	1,4-Dichlorobenzene	5700	U
95-50-1	1,2-Dichlorobenzene	5700	U
96-12-8	1,2-Dibromo-3-chloropropane	5700	U
120-82-1	1,2,4-Trichlorobenzene	5700	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD05-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-08D

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V6D7849

Level: (low/med) MED Date Received: 08/10/05

% Moisture: not dec. 76 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Number TICs found: 0

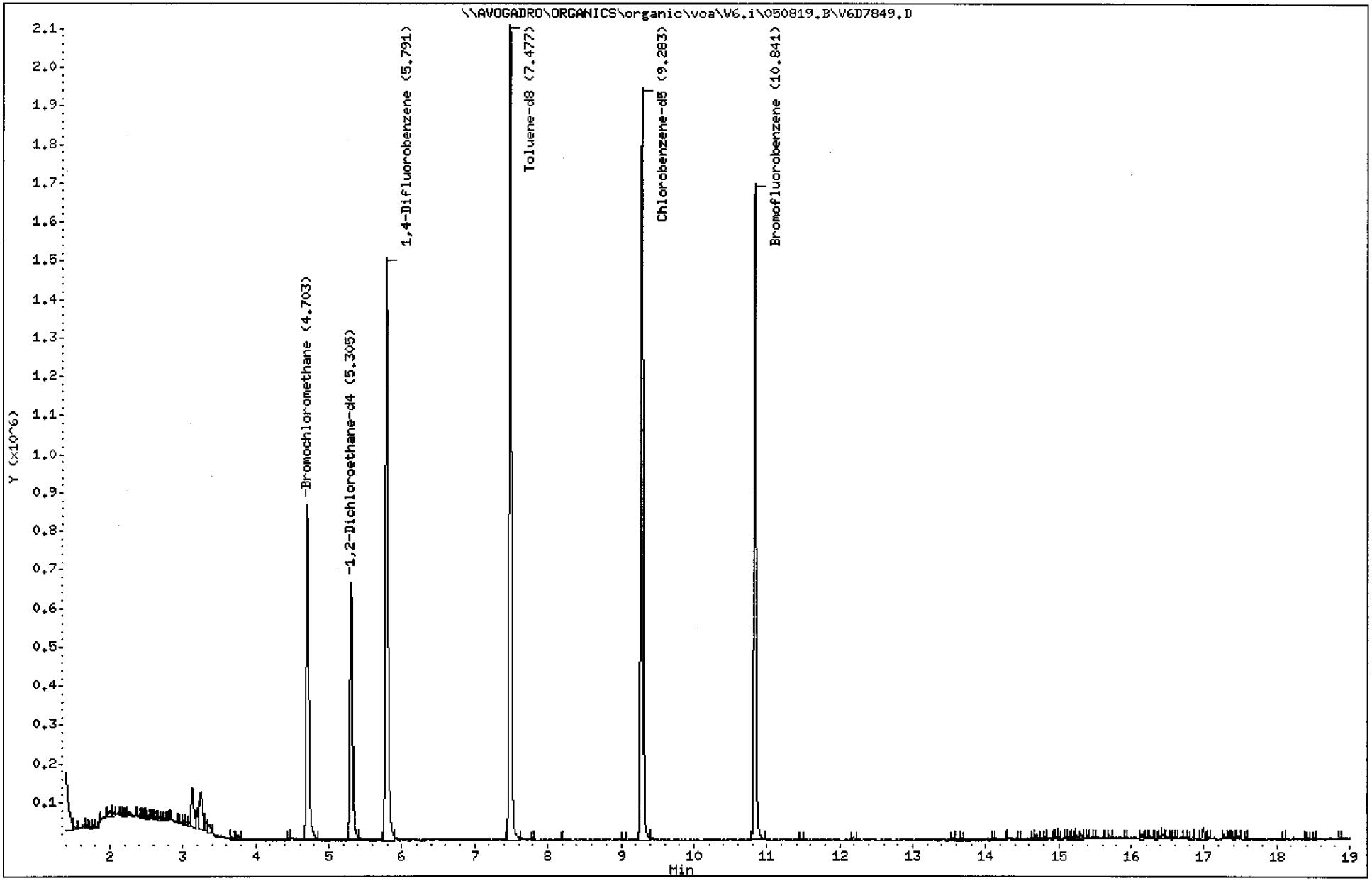
CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7849.D
Date : 19-AUG-2005 16:51
Client ID: SD05-S-ODL
Sample Info: ,D0926-08D,,19570

Instrument: V6.i

Operator: SB SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7849.D
Report Date: 23-Aug-2005 14:49

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7849.D
Lab Smp Id: D0926-08D Client Smp ID: SD05-S-ODL
Inj Date : 19-AUG-2005 16:51
Operator : SB SRC: LIMS Inst ID: V6.i
Smp Info : ,D0926-08D,,19570
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\v6clp4s.m
Meth Date : 23-Aug-2005 14:45 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 11:14 Cal File: V6D7841.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula:
Amt * DF * Uf * ((Vt+(Ws*M *10)) * 5)/(Va * Ws * ((100-M)/100))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.100	Weight of sample extracted (g)
M	76.000	% Moisture (not decanted)
Vt	10000.000	Methanol extract volume (uL)
Va	100.000	Aliquot of methanol (uL)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	9 Acetone	43	2.817	2.816	(0.599)	14372	3.23447	1800(a)
	11 Methyl Acetate	43	3.133	3.133	(0.666)	154246	19.0374	11000
	12 Methylene Chloride	84	3.255	3.261	(0.692)	80091	5.69967	3200(a)
*	18 Bromochloromethane	128	4.702	4.708	(1.000)	265505	50.0000	
$	23 1,2-Dichloroethane-d4	65	5.305	5.305	(1.128)	567955	49.1745	28000
*	26 1,4-Difluorobenzene	114	5.791	5.791	(1.000)	1491637	50.0000	
$	33 Toluene-d8	98	7.477	7.482	(0.805)	1757368	53.5860	30000
*	42 Chlorobenzene-d5	117	9.283	9.289	(1.000)	1380013	50.0000	
$	50 Bromofluorobenzene	95	10.841	10.841	(1.168)	692999	49.5012	28000

SB 8/23/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7849.D
Report Date: 23-Aug-2005 14:49

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7849.D
Report Date: 23-Aug-2005 14:49

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7849.D
Lab Smp Id: D0926-08D Client Smp ID: SD05-S-ODL
Inj Date : 19-AUG-2005 16:51
Operator : SB SRC: LIMS Inst ID: V6.i
Smp Info : ,D0926-08D,,19570
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\v6clp4s.m
Meth Date : 23-Aug-2005 14:45 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 11:14 Cal File: V6D7841.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7849.D

Date : 19-AUG-2005 16:51

Client ID: SD05-S-ODL

Instrument: V6.i

Sample Info: ,D0926-08D,,19570

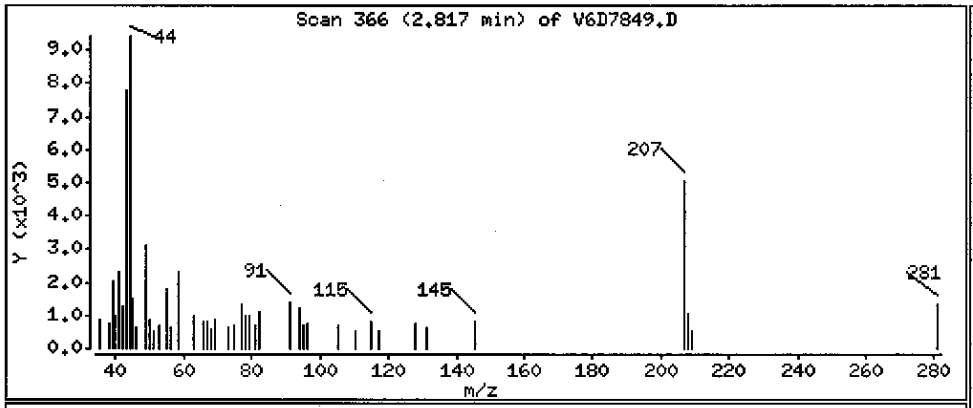
Operator: SB SRC: LIMS

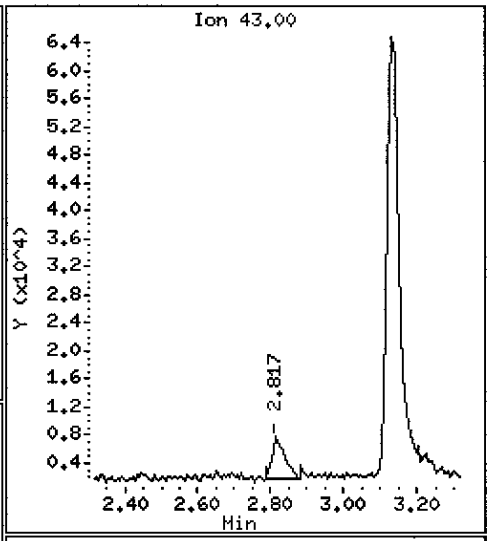
Column phase: DB-624

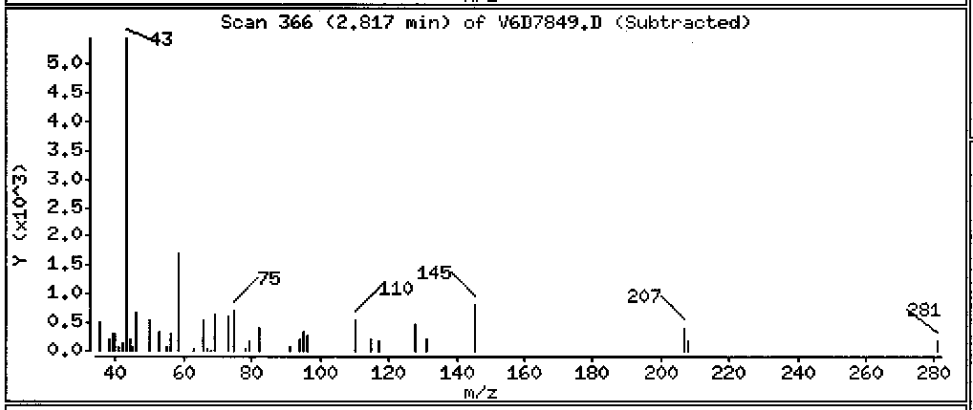
Column diameter: 0.25

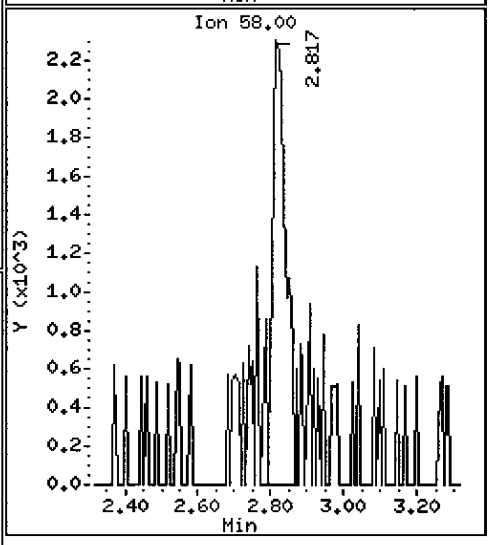
9 Acetone

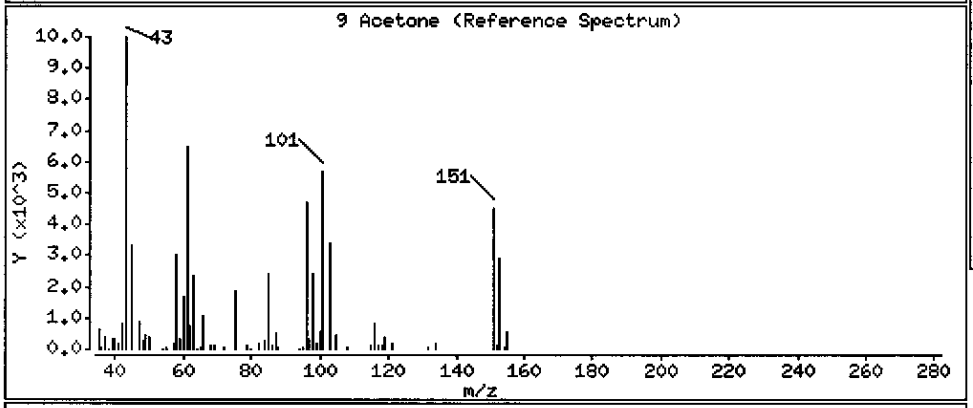
Concentration: 1800 ug/Kg

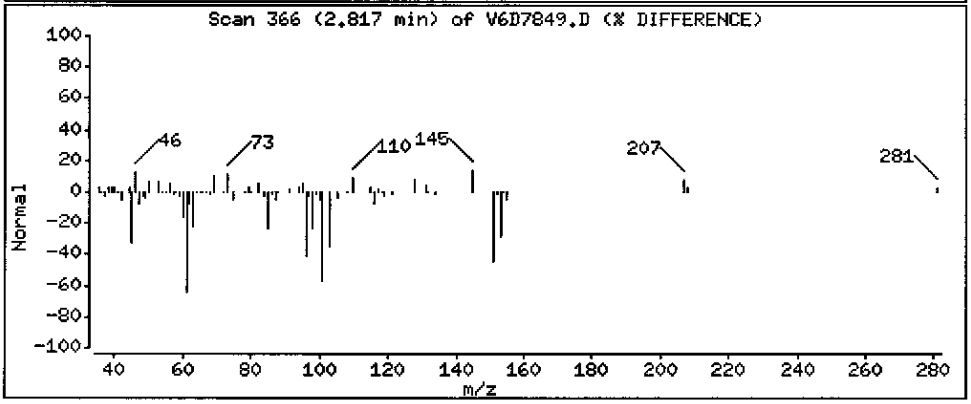












Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7849.D

Date : 19-AUG-2005 16:51

Client ID: SD05-S-ODL

Instrument: V6.i

Sample Info: ,D0926-08D,,19570

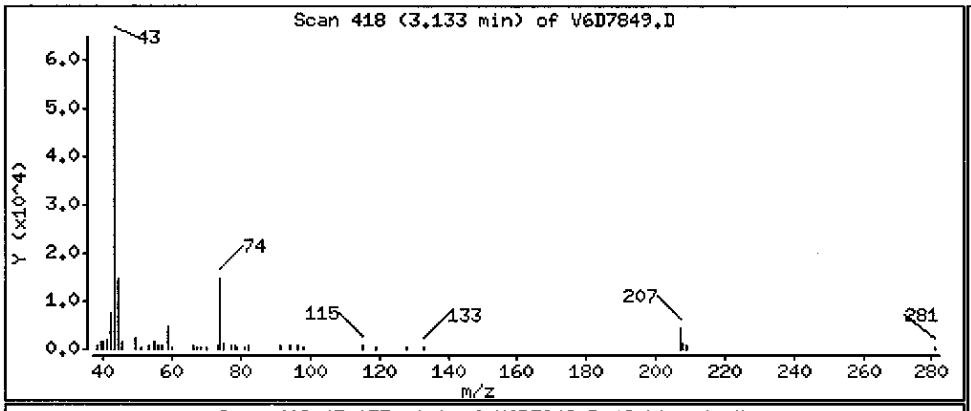
Operator: SB SRC: LIMS

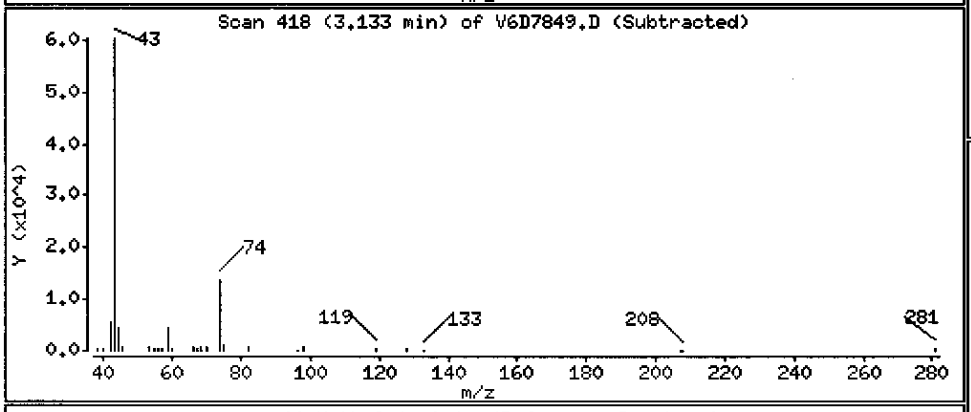
Column phase: DB-624

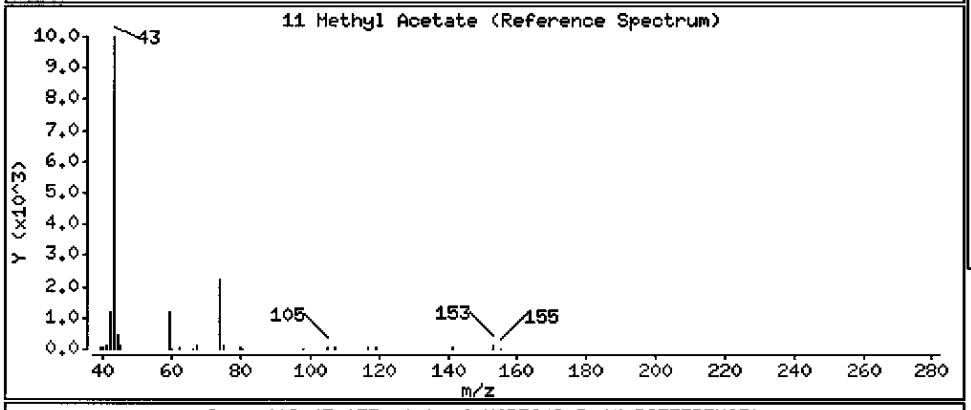
Column diameter: 0.25

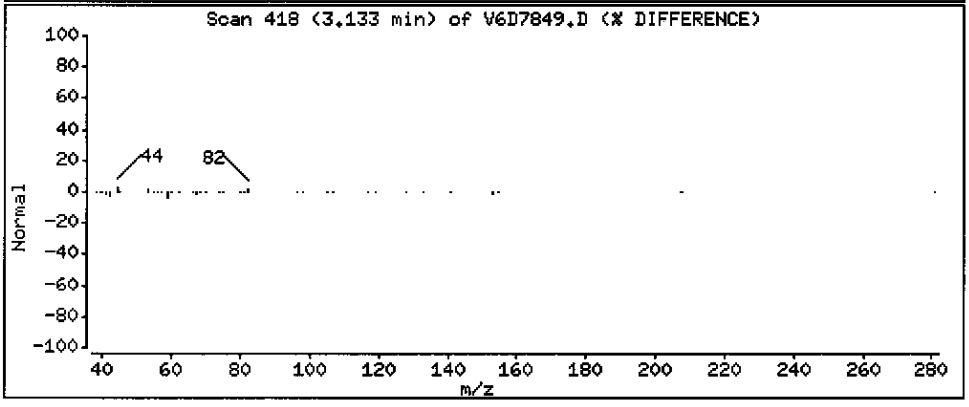
11 Methyl Acetate

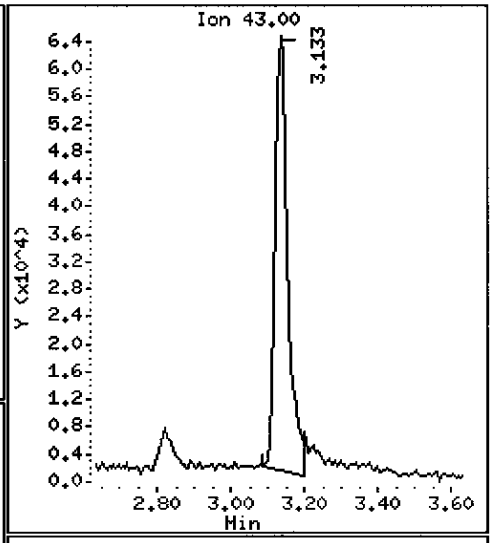
Concentration: 11000 ug/Kg

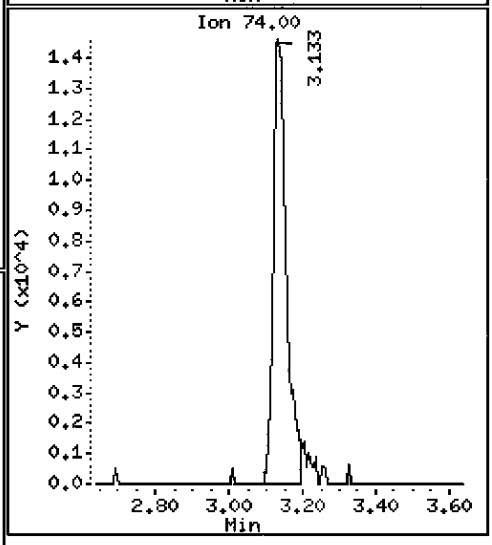












Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7849.D

Date : 19-AUG-2005 16:51

Client ID: SD05-S-ODL

Instrument: V6.i

Sample Info: ,D0926-08D,,19570

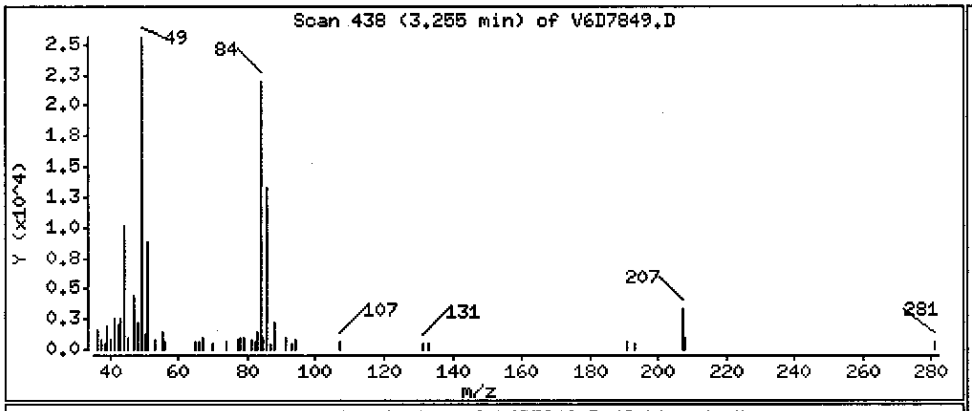
Operator: SB SRC: LIMS

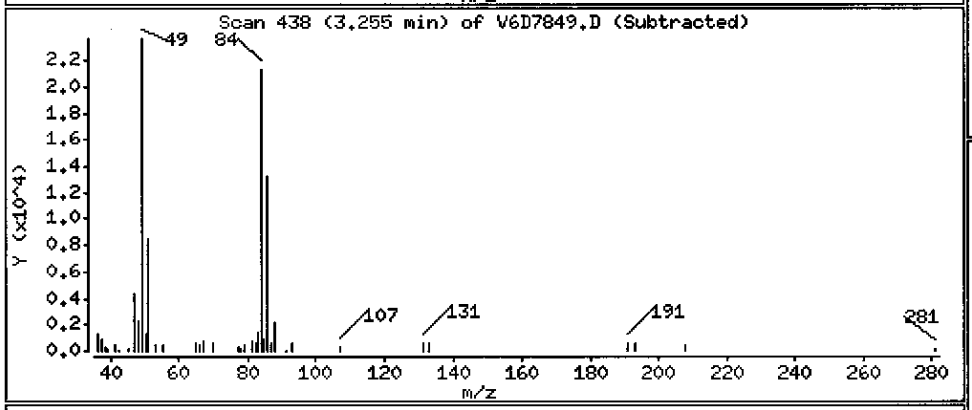
Column phase: DB-624

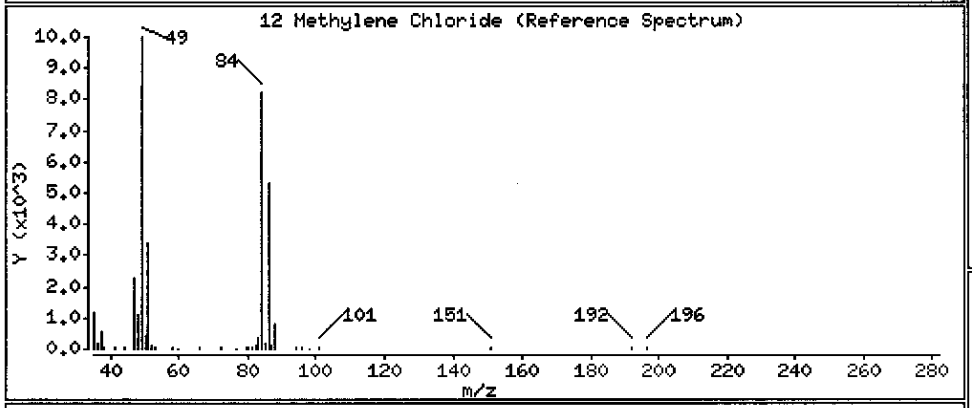
Column diameter: 0.25

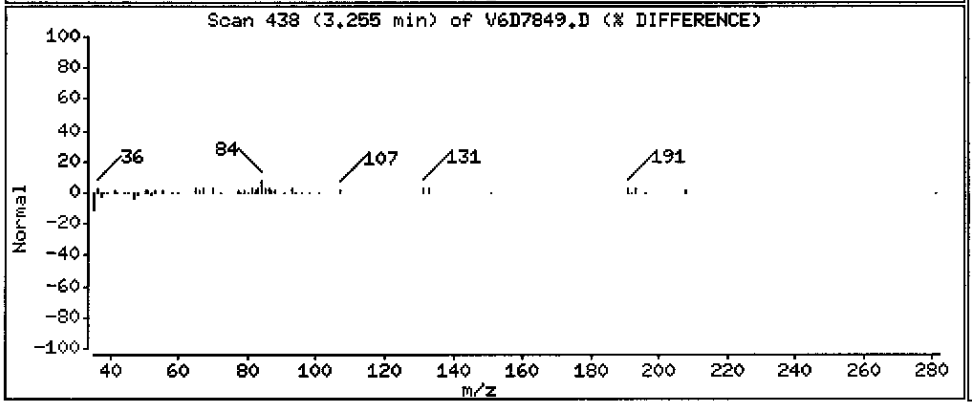
12 Methylene Chloride

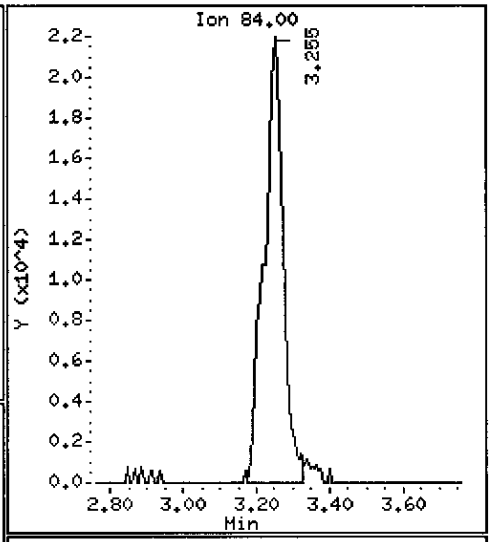
Concentration: 3200 ug/Kg

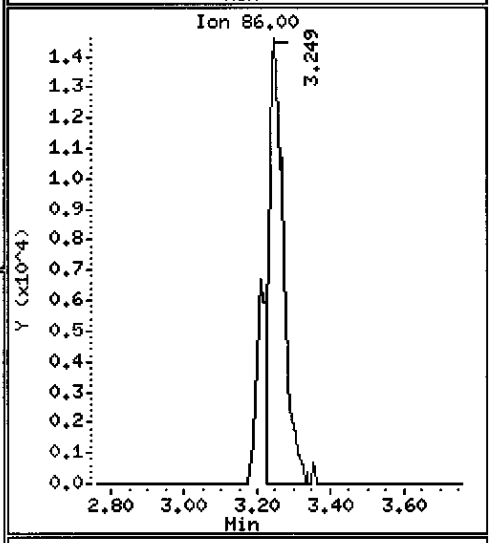


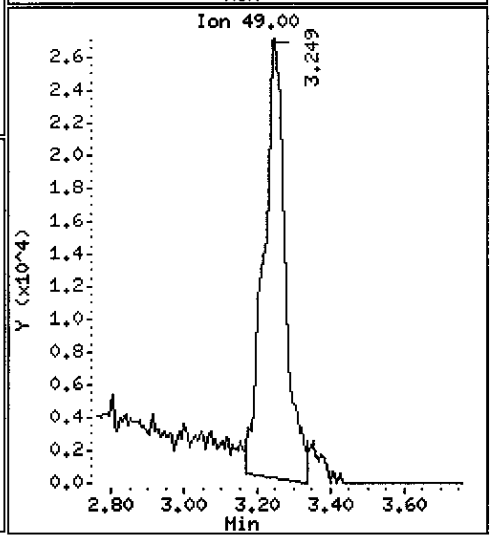












1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD06-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-09C

Sample wt/vol: 5.6 (g/mL) G Lab File ID: V1G9605

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 55 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	20	U
74-87-3	Chloromethane	20	U
75-01-4	Vinyl Chloride	20	U
74-83-9	Bromomethane	20	U
75-00-3	Chloroethane	20	U
75-69-4	Trichlorofluoromethane	20	U
75-35-4	1,1-Dichloroethene	20	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20	U
67-64-1	Acetone	99	
75-15-0	Carbon Disulfide	20	U
79-20-9	Methyl Acetate	20	U
75-09-2	Methylene Chloride	18	J
156-60-5	trans-1,2-Dichloroethene	20	U
1634-04-4	Methyl tert-Butyl Ether	20	U
75-34-3	1,1-Dichloroethane	20	U
156-59-2	cis-1,2-Dichloroethene	20	U
78-93-3	2-Butanone	28	
67-66-3	Chloroform	6	J
71-55-6	1,1,1-Trichloroethane	20	U
110-82-7	Cyclohexane	20	U
56-23-5	Carbon Tetrachloride	20	U
71-43-2	Benzene	20	U
107-06-2	1,2-Dichloroethane	20	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD06-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-09C

Sample wt/vol: 5.6 (g/mL) G Lab File ID: V1G9605

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 55 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	20	U
108-87-2	Methylcyclohexane	20	U
78-87-5	1,2-Dichloropropane	20	U
75-27-4	Bromodichloromethane	20	U
10061-01-5	cis-1,3-Dichloropropene	20	U
108-10-1	4-Methyl-2-Pentanone	20	U
108-88-3	Toluene	20	U
10061-02-6	trans-1,3-Dichloropropene	20	U
79-00-5	1,1,2-Trichloroethane	20	U
127-18-4	Tetrachloroethene	3	J
591-78-6	2-Hexanone	20	U
124-48-1	Dibromochloromethane	20	U
106-93-4	1,2-Dibromoethane	20	U
108-90-7	Chlorobenzene	20	U
100-41-4	Ethylbenzene	20	U
1330-20-7	Xylene (Total)	20	U
100-42-5	Styrene	20	U
75-25-2	Bromoform	20	U
98-82-8	Isopropylbenzene	20	U
79-34-5	1,1,2,2-Tetrachloroethane	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
95-50-1	1,2-Dichlorobenzene	20	U
96-12-8	1,2-Dibromo-3-chloropropane	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD06-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-09C

Sample wt/vol: 5.6 (g/mL) G Lab File ID: V1G9605

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 55 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 2

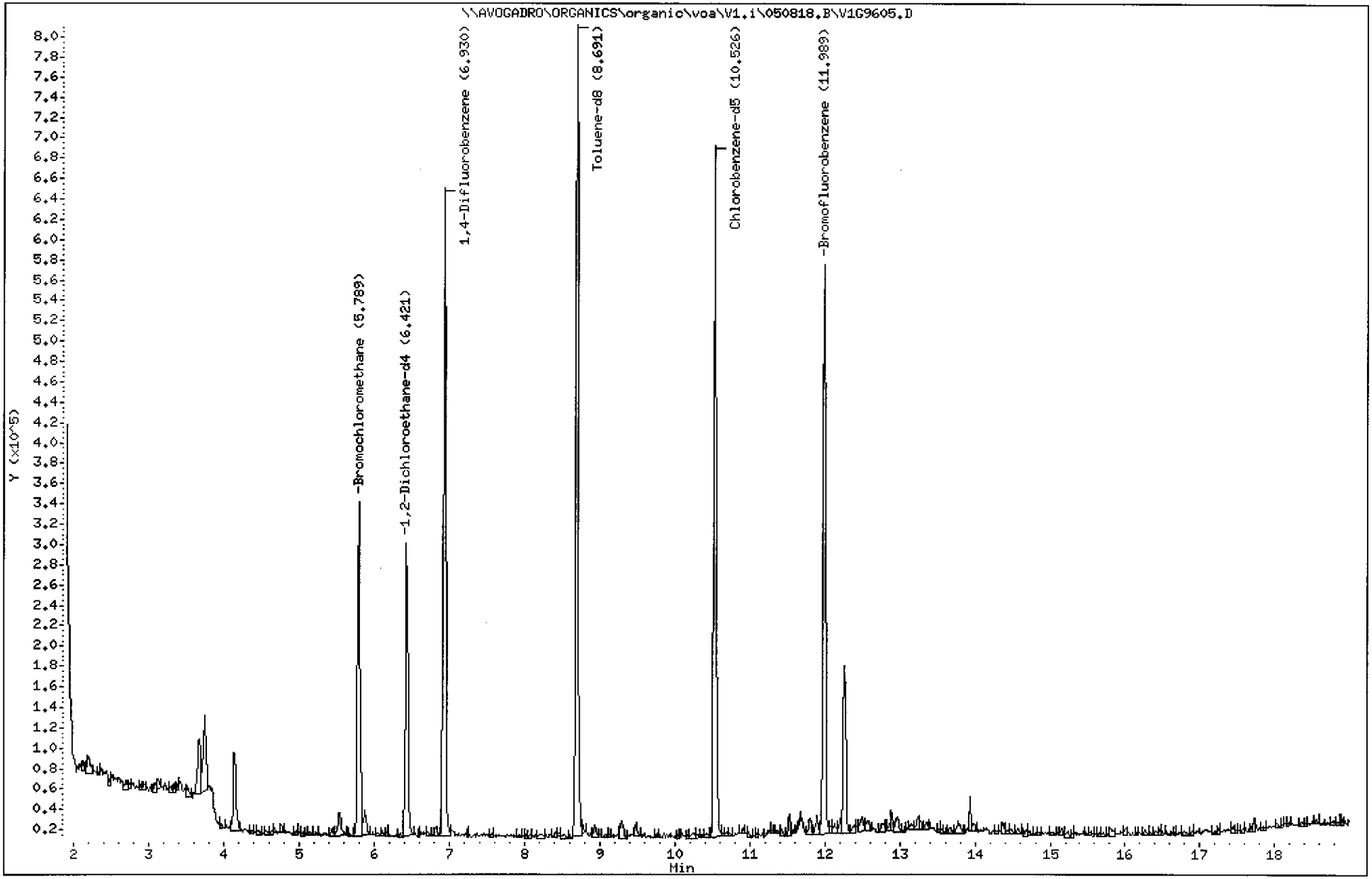
CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	75-18-3	DIMETHYL SULFIDE	3.73	26	NJ
2.		UNKNOWN	12.26	25	J
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9605.D
Date : 18-AUG-2005 19:01
Client ID: SD06-S-0
Sample Info: ,D0926-09C,,19555,

Instrument: V1.i

Operator: LG SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



0202

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9605.D
Report Date: 22-Aug-2005 14:43

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9605.D
Lab Smp Id: D0926-09C Client Smp ID: SD06-S-O
Inj Date : 18-AUG-2005 19:01
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-09C,,19555,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D ✓
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.600	Weight of sample (g)
M	55.000	% Moisture (not decanted)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	9 Acetone	43	3.668	3.667	(0.634)	138933	50.1276	99
	12 Methylene Chloride	84	4.140	4.139	(0.715)	36333	9.06572	18(a)
	16 2-Butanone	43	5.541	5.527	(0.957)	43686	13.9765	28
*	18 Bromochloromethane	128	5.789	5.788	(1.000)	91132	50.0000	
	19 Chloroform	83	5.876	5.875	(1.015)	21191	2.98586	6(a)
$	23 1,2-Dichloroethane-d4	65	6.421	6.420	(1.109)	250161	53.9676	110
*	26 1,4-Difluorobenzene	114	6.930	6.929	(1.000)	563266	50.0000	
$	33 Toluene-d8	98	8.691	8.690	(0.826)	593093	47.9542	95
	37 Tetrachloroethene	164	9.484	9.483	(0.901)	4597	1.47616	3(a)
*	42 Chlorobenzene-d5	117	10.526	10.525	(1.000)	444702	50.0000	
$	50 Bromofluorobenzene	95	11.989	11.988	(1.139)	214780	43.1561	86

SB 8/22/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9605.D
Report Date: 22-Aug-2005 14:43

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9605.D
Report Date: 22-Aug-2005 14:43

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9605.D
Lab Smp Id: D0926-09C Client Smp ID: SD06-S-O
Inj Date : 18-AUG-2005 19:01
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-09C,,19555,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.600	Weight of sample (g)
M	55.000	% Moisture (not decanted)

ISTD	RT	AREA	AMOUNT
* 18 Bromochloromethane	5.789	786529	50.000
* 42 Chlorobenzene-d5	10.526	1526168	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL (ug/L)	FINAL (ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Dimethyl sulfide				CAS #: 75-18-3			
3.730	205656	13.0736438	26	94	NIST98.L	327	18
Unknown				CAS #:			
12.262	385694	12.6360270	25	0		0	42

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9605.D

Date : 18-AUG-2005 19:01

Client ID: SD06-S-O

Instrument: V1.i

Sample Info: ,D0926-09C,,19555,

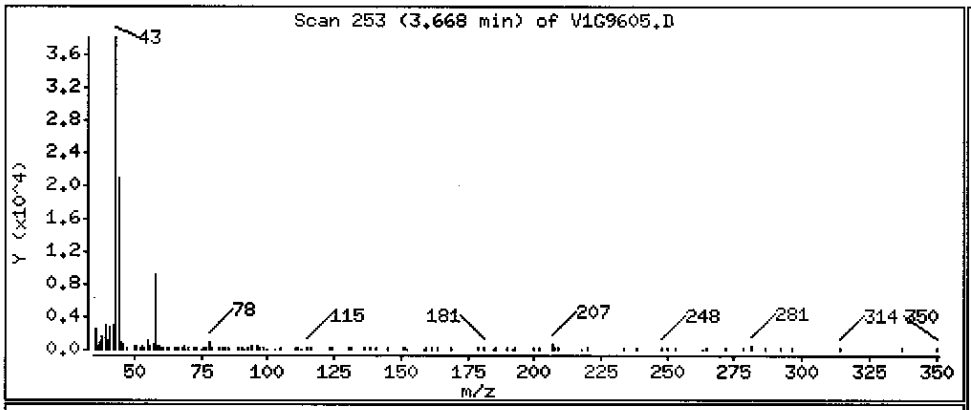
Operator: LG SRC: LIMS

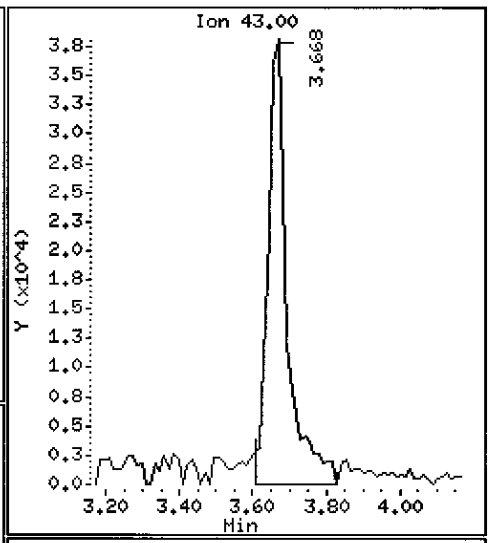
Column phase: DB-624

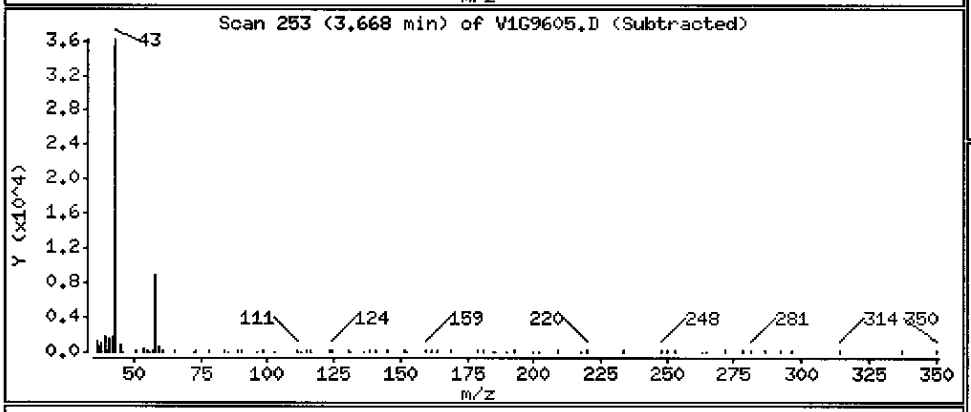
Column diameter: 0.25

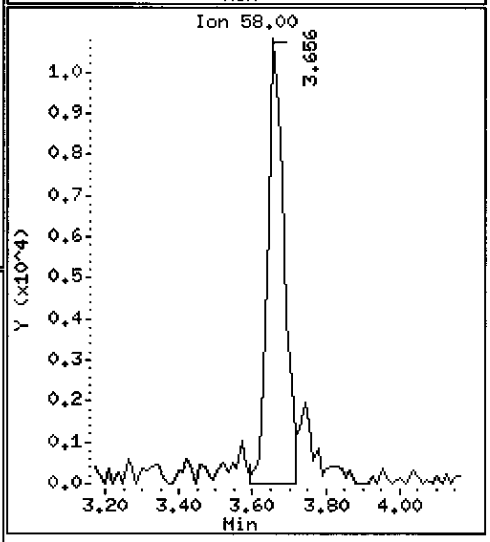
9 Acetone

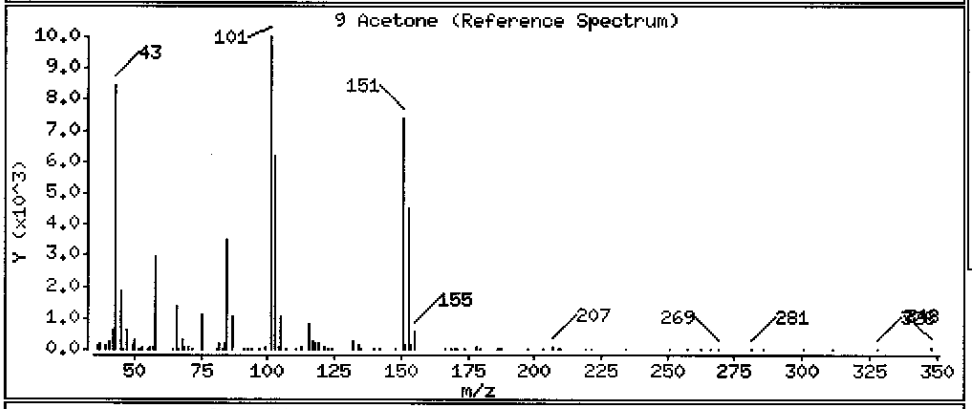
Concentration: 99 ug/Kg

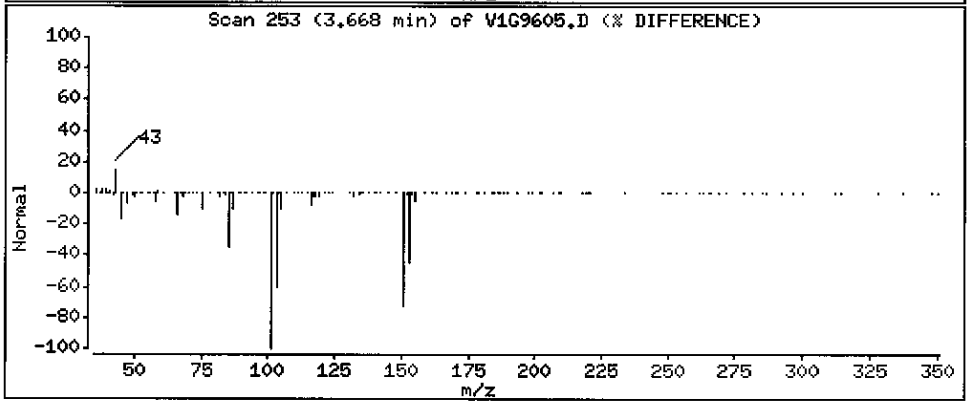












Data File: \\AVOCADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9605.D

Date : 18-AUG-2005 19:01

Client ID: SD06-S-O

Instrument: V1.i

Sample Info: ,D0926-09C,,19555,

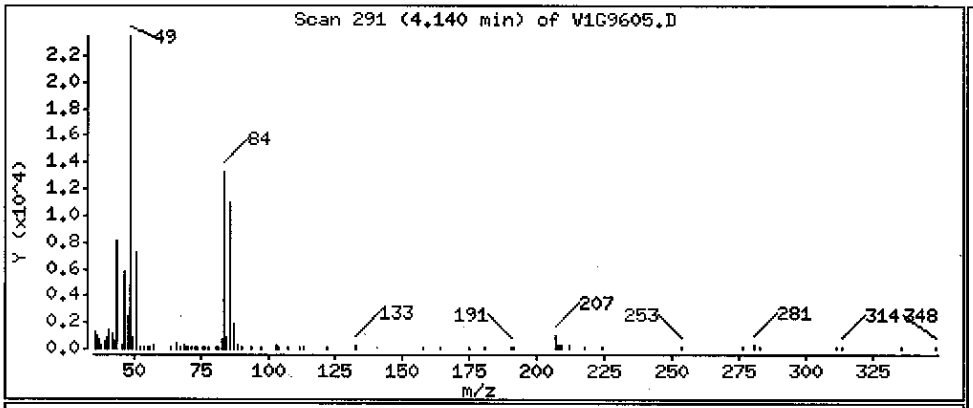
Operator: LG SRC: LIMS

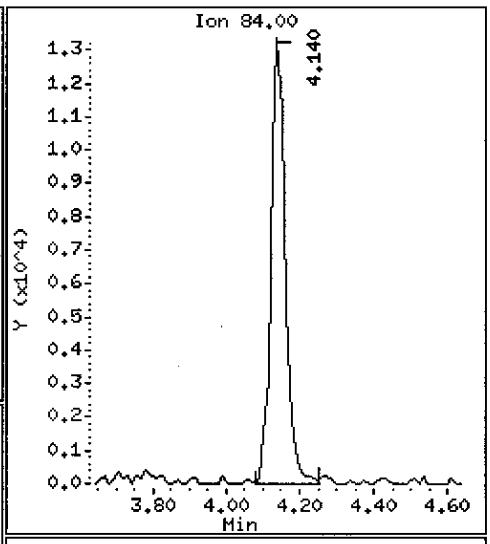
Column phase: DB-624

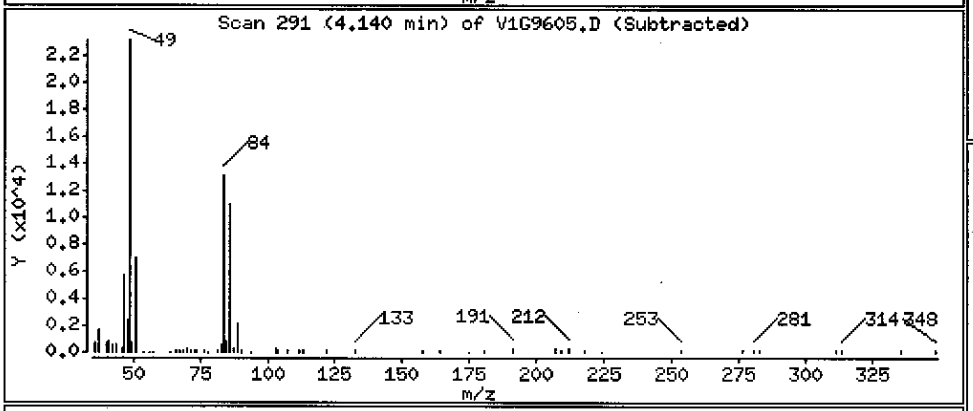
Column diameter: 0.25

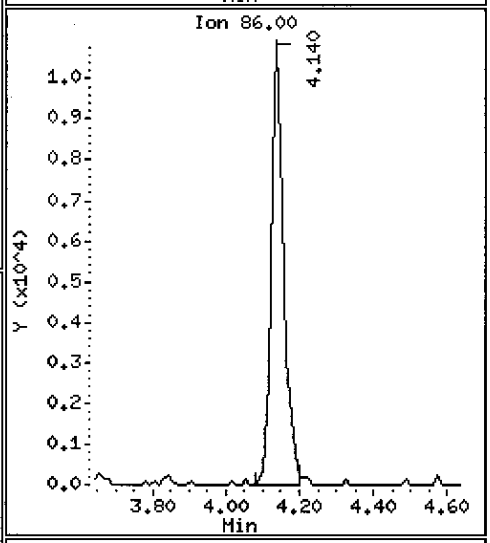
12 Methylene Chloride

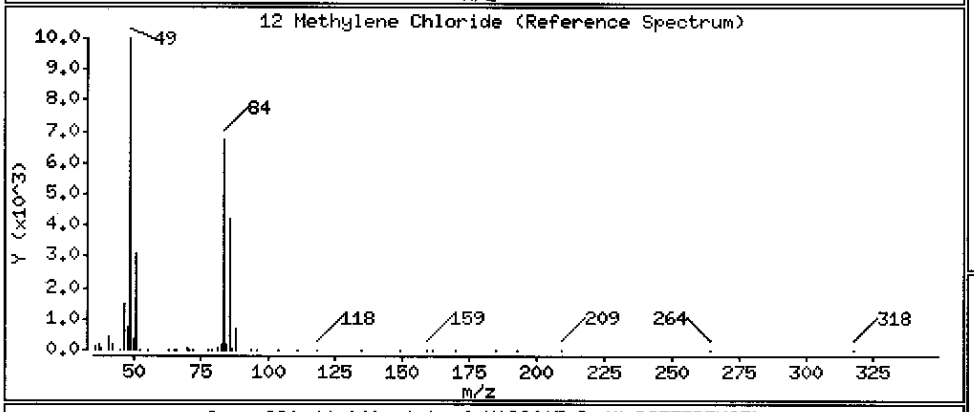
Concentration: 18 ug/Kg

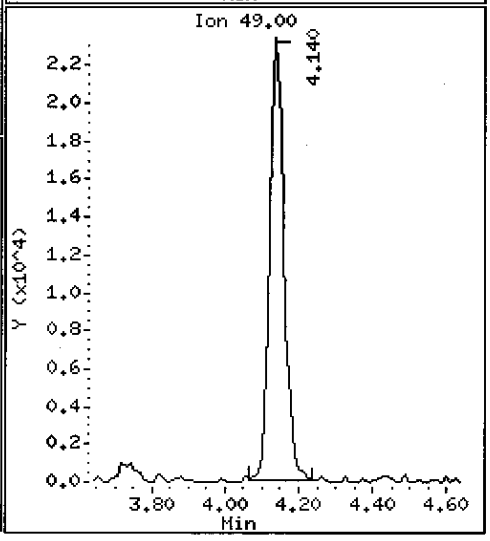


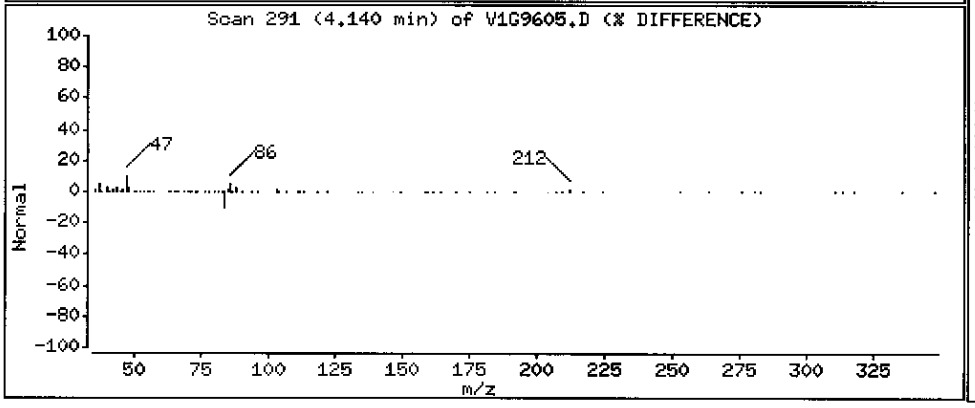












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9605.D

Date : 18-AUG-2005 19:01

Client ID: SD06-S-0

Instrument: V1.i

Sample Info: ,D0926-09C,,19555,

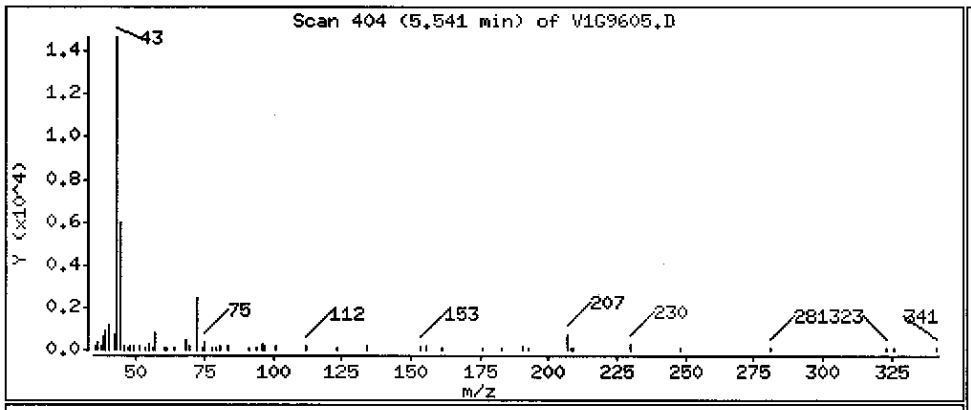
Operator: LG SRC: LIMS

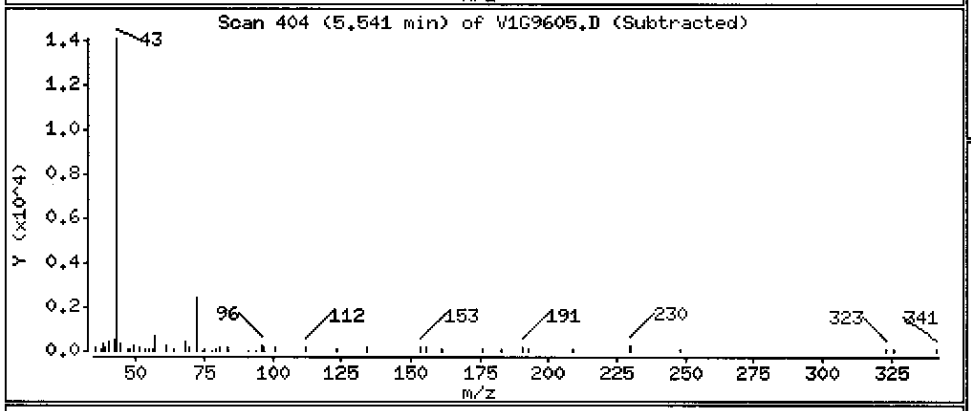
Column phase: DB-624

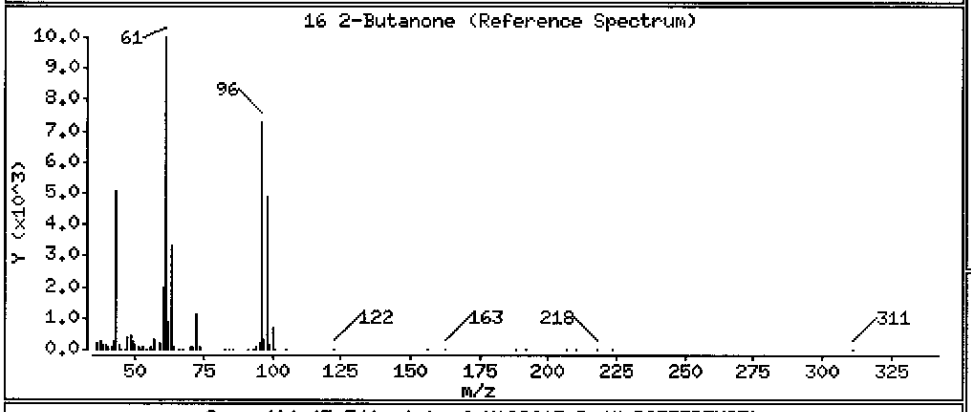
Column diameter: 0.25

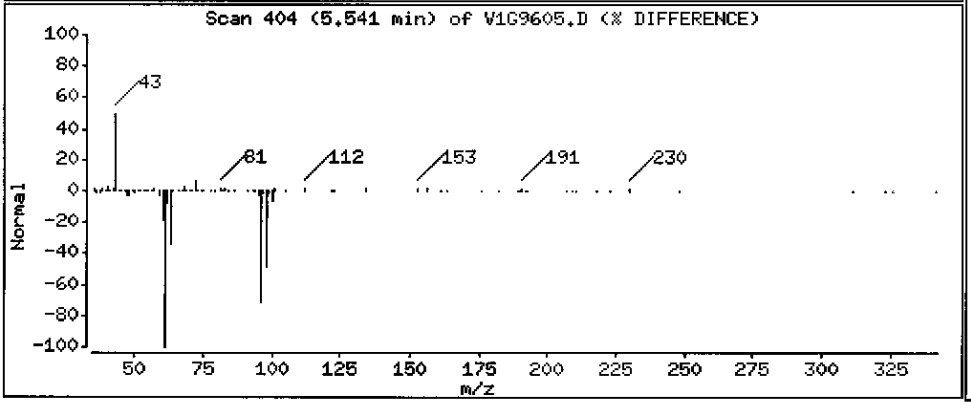
16 2-Butanone

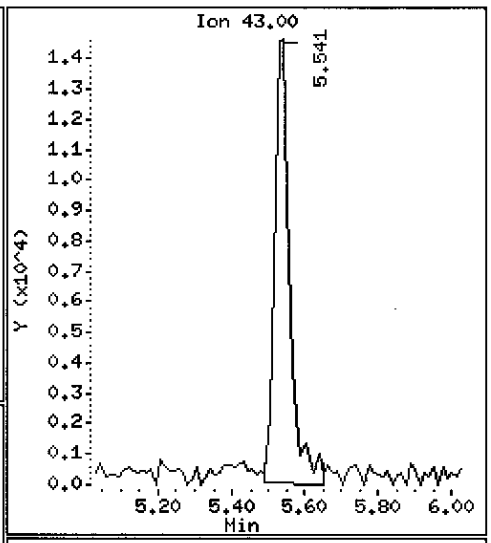
Concentration: 28 ug/Kg

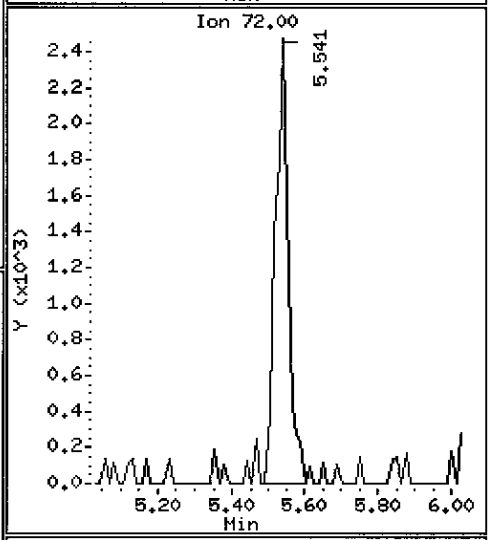


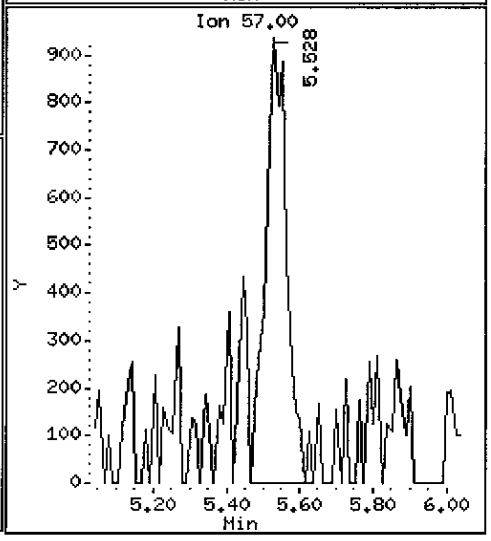












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9605.D

Date : 18-AUG-2005 19:01

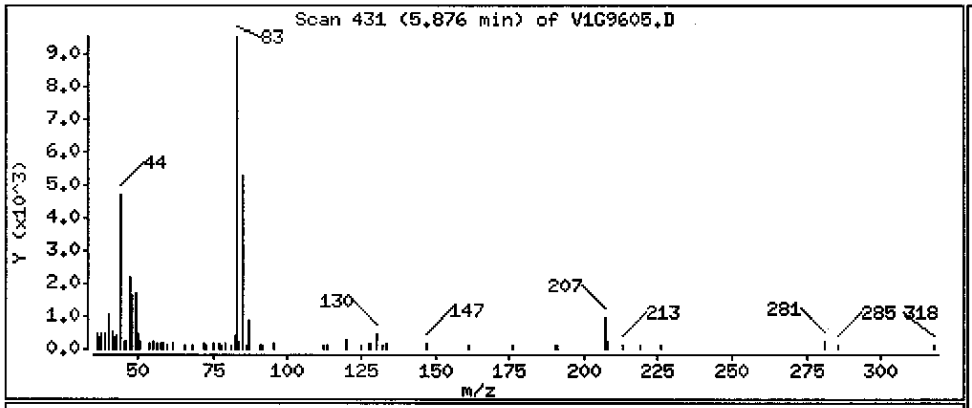
Client ID: SD06-S-0 Instrument: V1.i

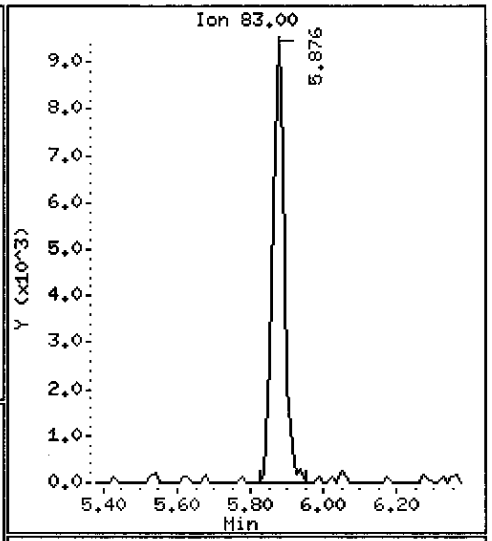
Sample Info: ,D0926-09C,,19555,

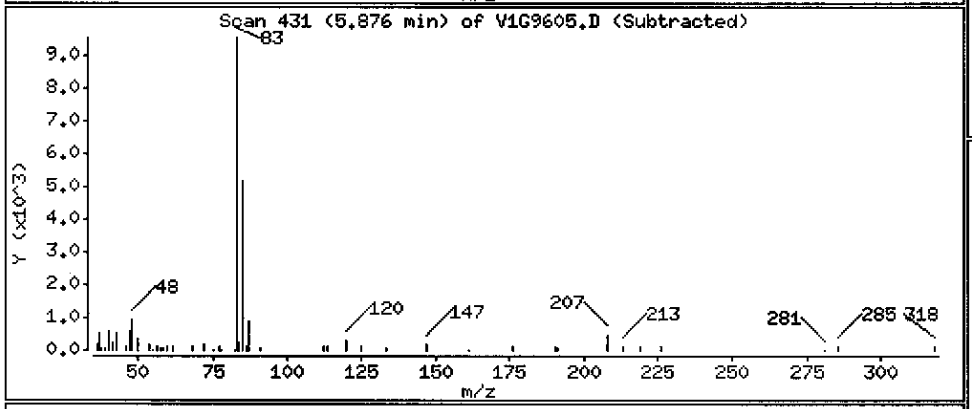
Operator: LG SRC: LIMS

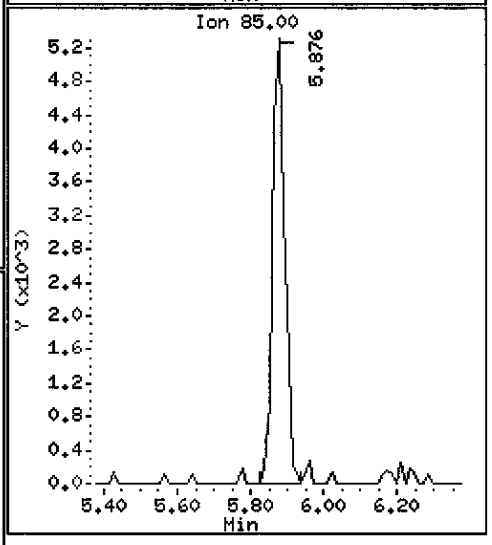
Column phase: DB-624 Column diameter: 0.25

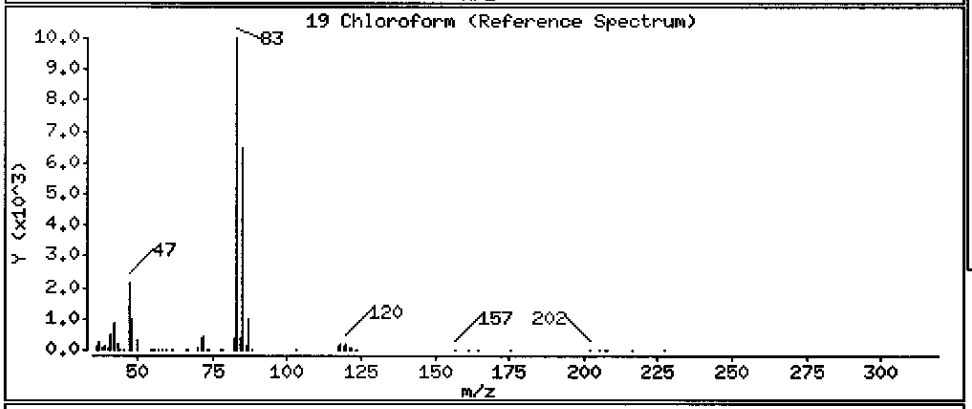
19 Chloroform Concentration: 6 ug/Kg

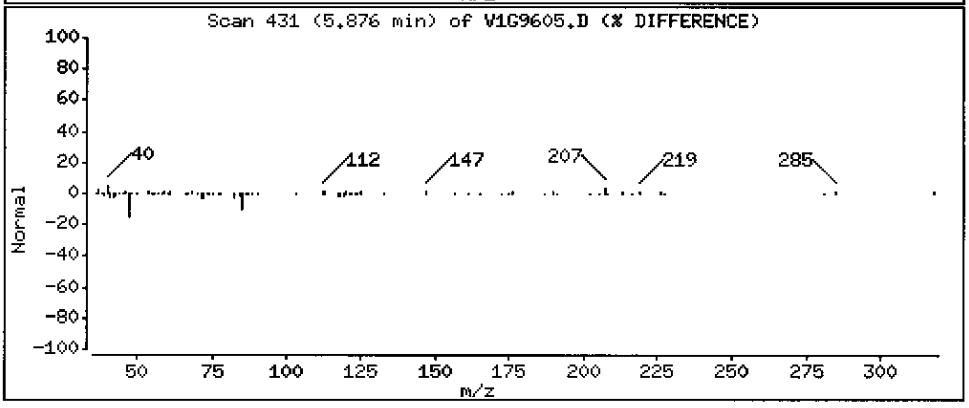












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9605.D

Date : 18-AUG-2005 19:01

Client ID: SD06-S-O

Instrument: V1.i

Sample Info: ,D0926-09C,,19555,

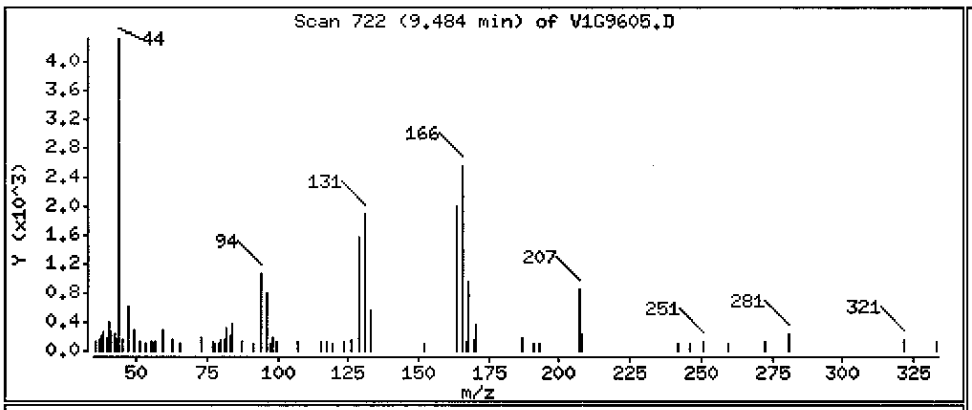
Operator: LG SRC: LIMS

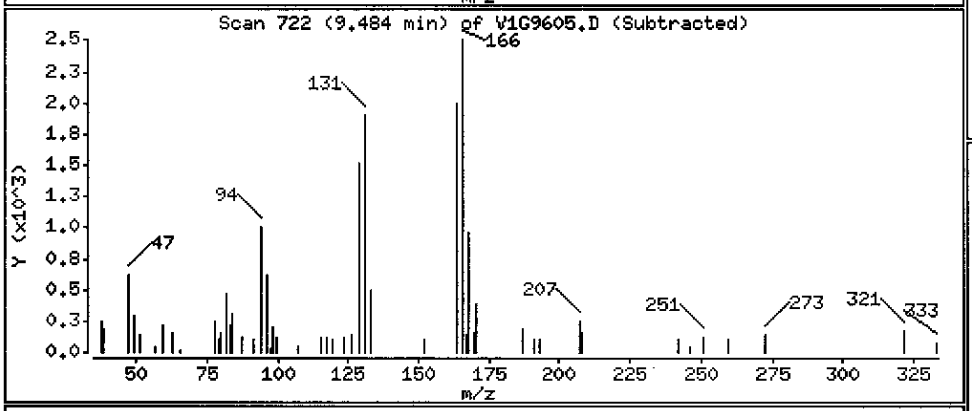
Column phase: DB-624

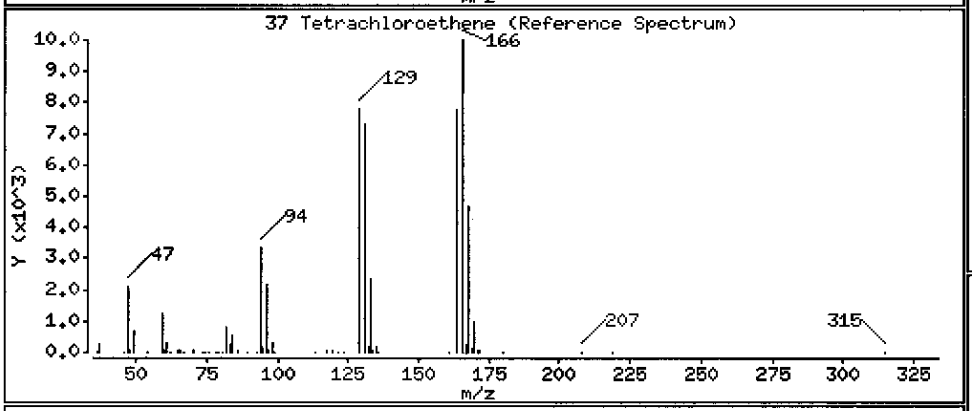
Column diameter: 0.25

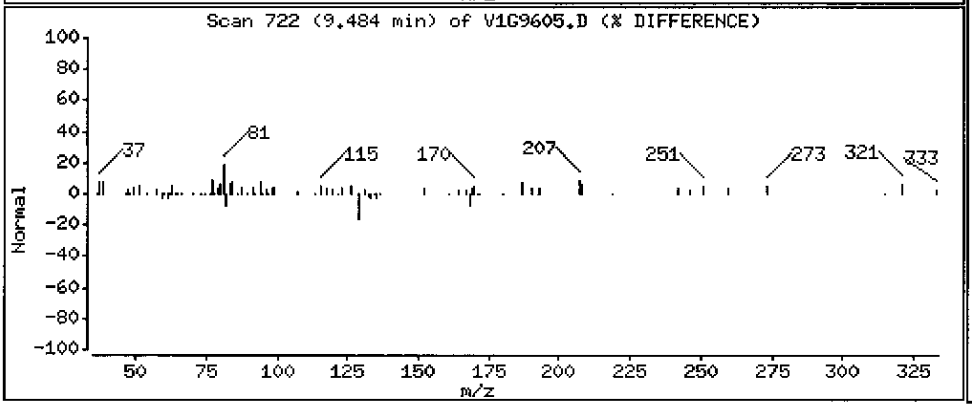
37 Tetrachloroethene

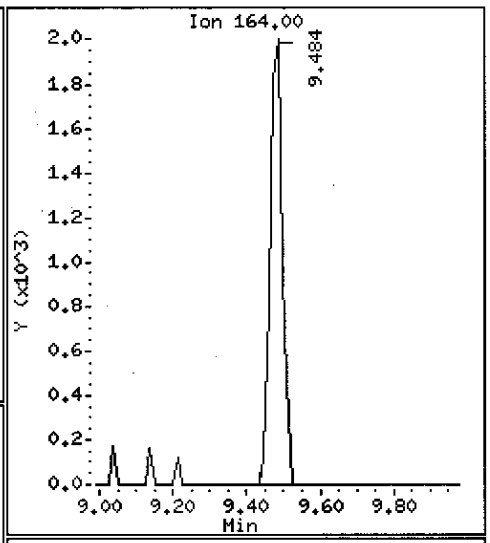
Concentration: 3 ug/Kg

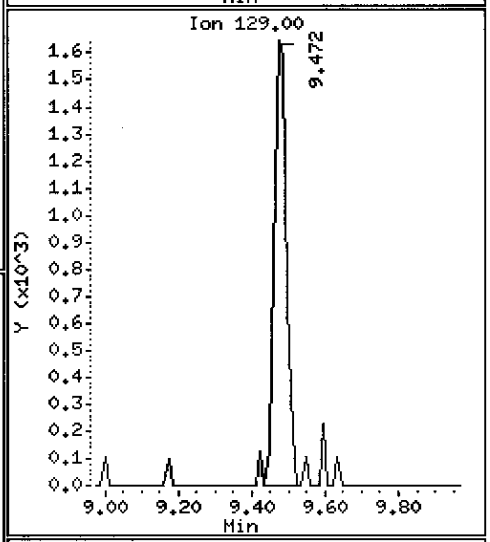


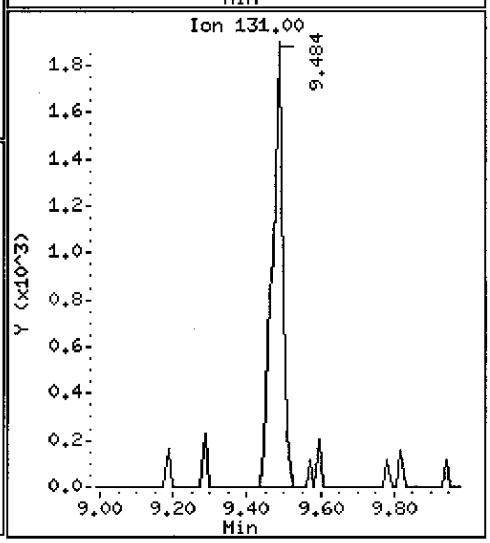












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9605.D

Date : 18-AUG-2005 19:01

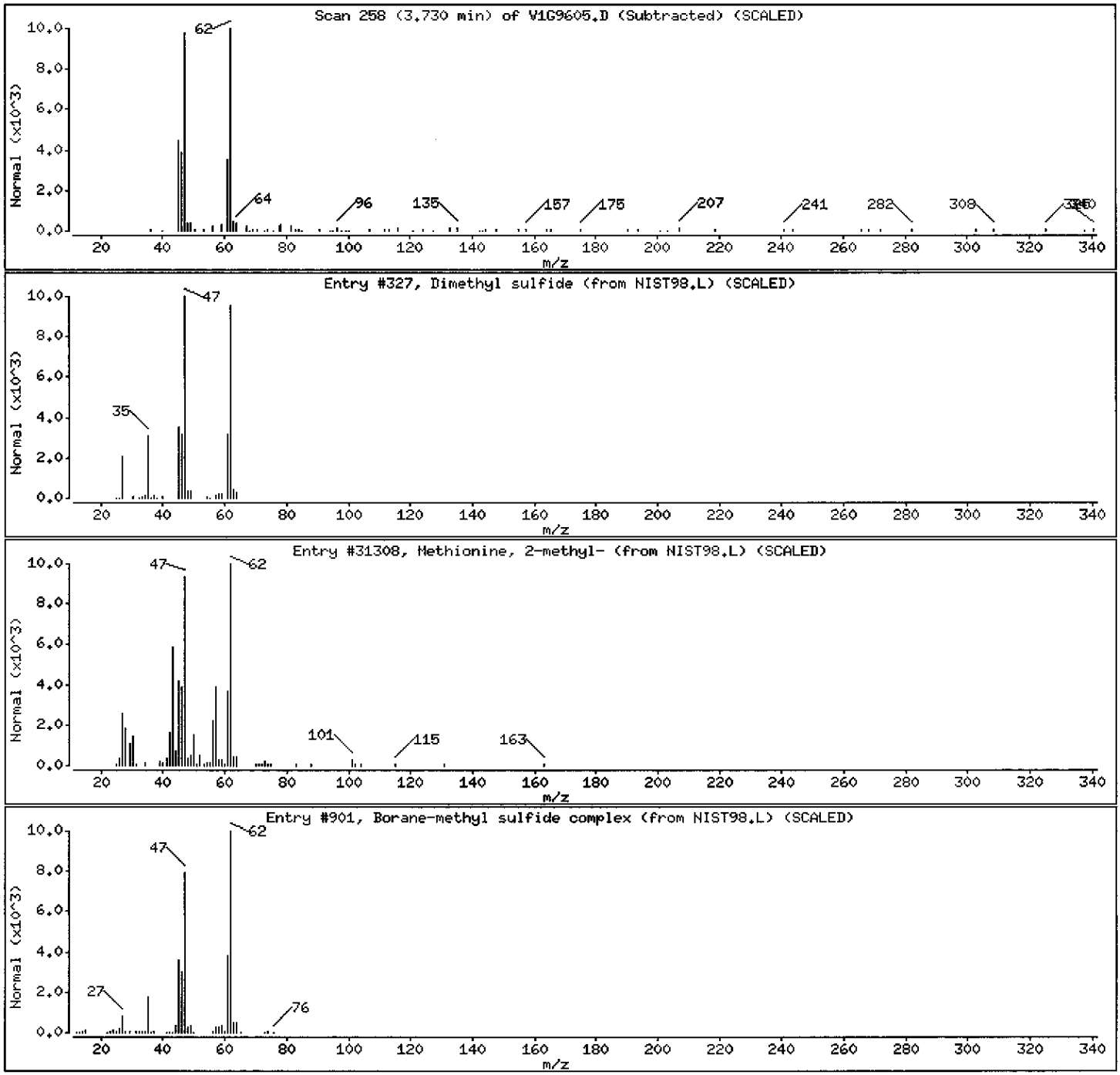
Client ID: SD06-S-0 Instrument: V1.i

Sample Info: ,D0926-09C,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethyl sulfide	75-18-3	NIST98.L	327	94	C2H6S	62
Methionine, 2-methyl-	562-48-1	NIST98.L	31308	83	C6H13NO2S	163
Borane-methyl sulfide complex	13292-87-0	NIST98.L	901	83	C2H9BS	76



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9605.D

Date : 18-AUG-2005 19:01

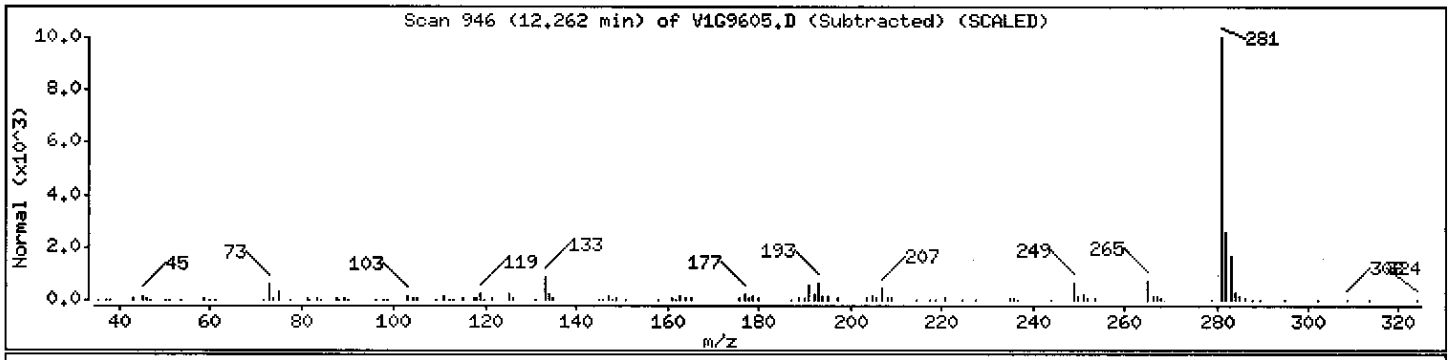
Client ID: SD06-S-0 Instrument: V1.i

Sample Info: ,D0926-09C,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD06-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-09CRE

Sample wt/vol: 7.0 (g/mL) G Lab File ID: V1G9638

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 55 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	16	U
74-87-3	Chloromethane	16	U
75-01-4	Vinyl Chloride	16	U
74-83-9	Bromomethane	16	U
75-00-3	Chloroethane	16	U
75-69-4	Trichlorofluoromethane	16	U
75-35-4	1,1-Dichloroethene	16	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	16	U
67-64-1	Acetone	190	
75-15-0	Carbon Disulfide	16	U
79-20-9	Methyl Acetate	16	U
75-09-2	Methylene Chloride	68	
156-60-5	trans-1,2-Dichloroethene	16	U
1634-04-4	Methyl tert-Butyl Ether	16	U
75-34-3	1,1-Dichloroethane	16	U
156-59-2	cis-1,2-Dichloroethene	16	U
78-93-3	2-Butanone	57	
67-66-3	Chloroform	3	JB
71-55-6	1,1,1-Trichloroethane	16	U
110-82-7	Cyclohexane	16	U
56-23-5	Carbon Tetrachloride	16	U
71-43-2	Benzene	16	U
107-06-2	1,2-Dichloroethane	16	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD06-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-09CRE

Sample wt/vol: 7.0 (g/mL) G Lab File ID: V1G9638

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 55 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	16	U
108-87-2	Methylcyclohexane	16	U
78-87-5	1,2-Dichloropropane	16	U
75-27-4	Bromodichloromethane	16	U
10061-01-5	cis-1,3-Dichloropropene	16	U
108-10-1	4-Methyl-2-Pentanone	16	U
108-88-3	Toluene	3	J
10061-02-6	trans-1,3-Dichloropropene	16	U
79-00-5	1,1,2-Trichloroethane	16	U
127-18-4	Tetrachloroethene	16	U
591-78-6	2-Hexanone	16	U
124-48-1	Dibromochloromethane	16	U
106-93-4	1,2-Dibromoethane	16	U
108-90-7	Chlorobenzene	16	U
100-41-4	Ethylbenzene	16	U
1330-20-7	Xylene (Total)	16	U
100-42-5	Styrene	16	U
75-25-2	Bromoform	16	U
98-82-8	Isopropylbenzene	16	U
79-34-5	1,1,2,2-Tetrachloroethane	16	U
541-73-1	1,3-Dichlorobenzene	16	U
106-46-7	1,4-Dichlorobenzene	16	U
95-50-1	1,2-Dichlorobenzene	16	U
96-12-8	1,2-Dibromo-3-chloropropane	16	U
120-82-1	1,2,4-Trichlorobenzene	16	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD06-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-09CRE

Sample wt/vol: 7.0 (g/mL) G Lab File ID: V1G9638

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 55 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	75-18-3	DIMETHYL SULFIDE	3.73	37	NJ
2.		UNKNOWN	12.26	24	J
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
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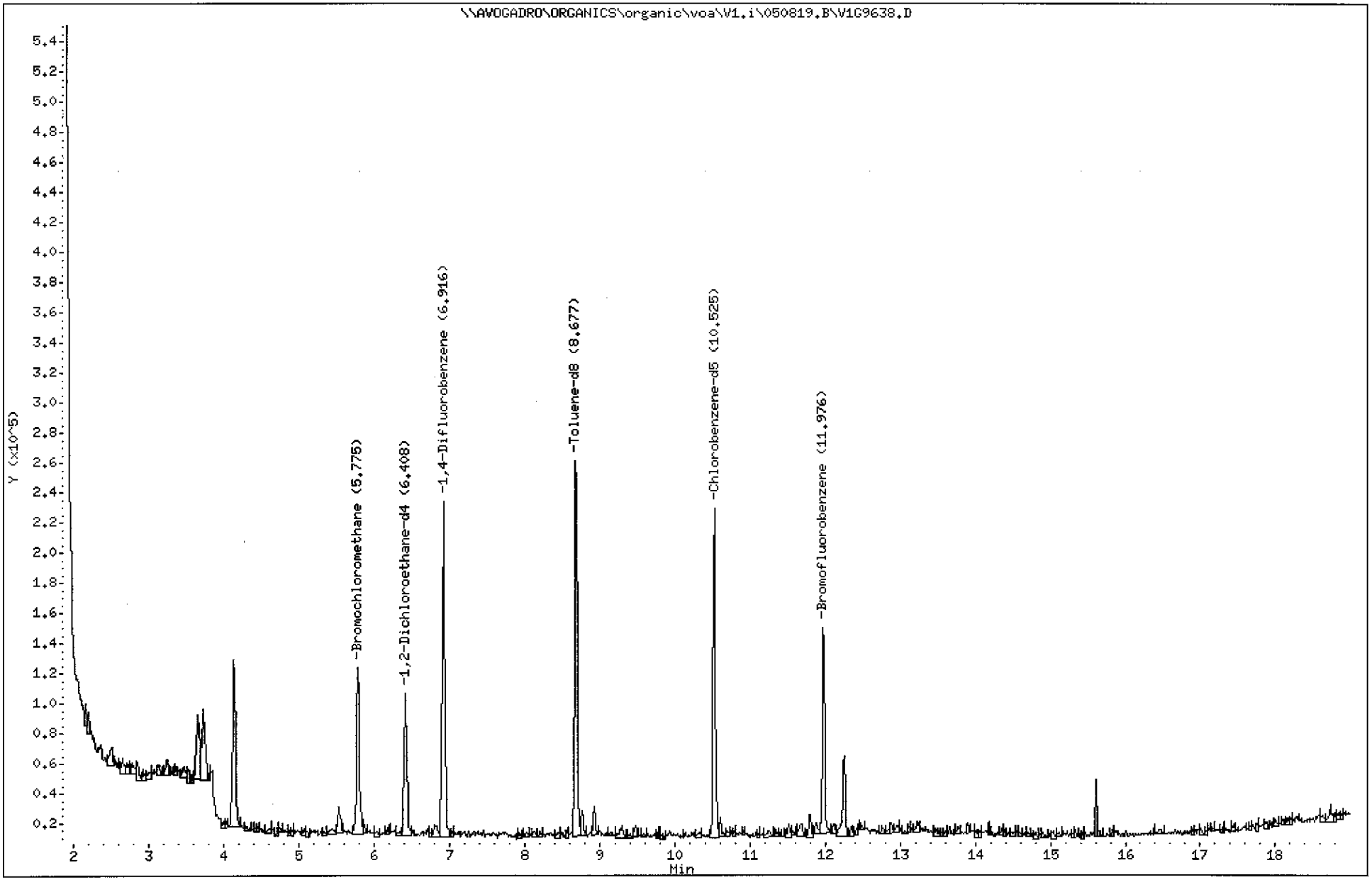
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9638.D
Date : 19-AUG-2005 15:36
Client ID: SD06-S-ORE
Instrument: V1.i
Sample Info: ,D0926-09CRE,,19568,
Operator: LG SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9638.D
Report Date: 23-Aug-2005 13:52

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9638.D
Lab Smp Id: D0926-09CRE Client Smp ID: SD06-S-ORE
Inj Date : 19-AUG-2005 15:36
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-09CRE,,19568,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\v1clp4h.m
Meth Date : 23-Aug-2005 13:46 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 10:26 Cal File: V1G9631.D ✓
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	7.000	Weight of sample (g)
M	55.000	% Moisture (not decanted)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	9 Acetone	43	3.655	3.668	(0.633)	98622	120.490	190
	12 Methylene Chloride	84	4.138	4.152	(0.717)	66367	42.6127	68
	16 2-Butanone	43	5.515	5.540	(0.955)	33630	35.7717	57
*	18 Bromochloromethane	128	5.775	5.801	(1.000)	34741	50.0000	
	19 Chloroform	83	5.862	5.888	(1.015)	4928	2.00461	3(a)
$	23 1,2-Dichloroethane-d4	65	6.420	6.433	(1.112)	87439	53.9471	86
*	26 1,4-Difluorobenzene	114	6.916	6.942	(1.000)	200426	50.0000	
$	33 Toluene-d8	98	8.677	8.703	(0.824)	196395	52.9589	84
	34 Toluene	91	8.764	8.777	(0.833)	9446	2.04960	3(a)
*	42 Chlorobenzene-d5	117	10.525	10.526	(1.000)	140778	50.0000	
$	50 Bromofluorobenzene	95	11.976	11.989	(1.138)	58656	37.8256	60

SB
8/23/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9638.D
Report Date: 23-Aug-2005 13:52

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9638.D
Report Date: 23-Aug-2005 13:52

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9638.D
Lab Smp Id: D0926-09CRE Client Smp ID: SD06-S-ORE
Inj Date : 19-AUG-2005 15:36
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-09CRE,,19568,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\v1clp4h.m
Meth Date : 23-Aug-2005 13:46 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 10:26 Cal File: V1G9631.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	7.000	Weight of sample (g)
M	55.000	% Moisture (not decanted)

ISTD	RT	AREA	AMOUNT
* 18 Bromochloromethane	5.775	299182	50.000
* 42 Chlorobenzene-d5	10.525	489866	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Dimethyl sulfide				CAS #: 75-18-3			
3.729	137710	23.0144193	37	91	NIST98.L	326	18
Unknown				CAS #:			
12.261	149018	15.2100779	24	0		0	42

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9638.D

Date : 19-AUG-2005 15:36

Client ID: SD06-S-ORE

Instrument: V1.i

Sample Info: ,D0926-09CRE,,19568,

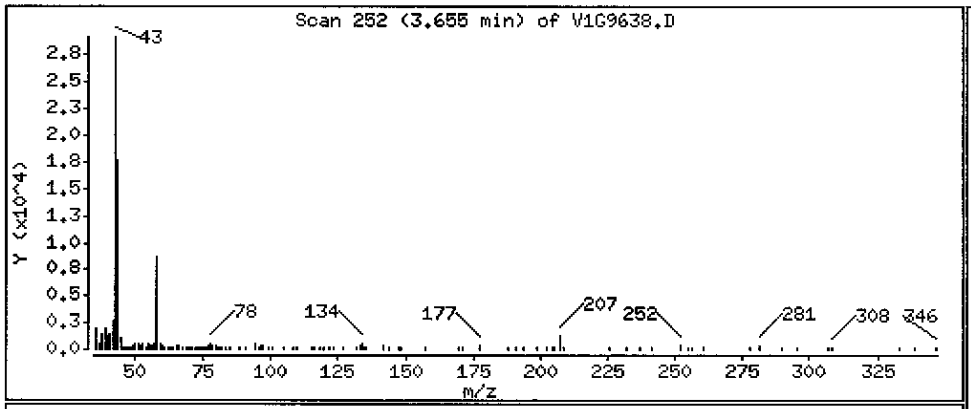
Operator: LG SRC: LIMS

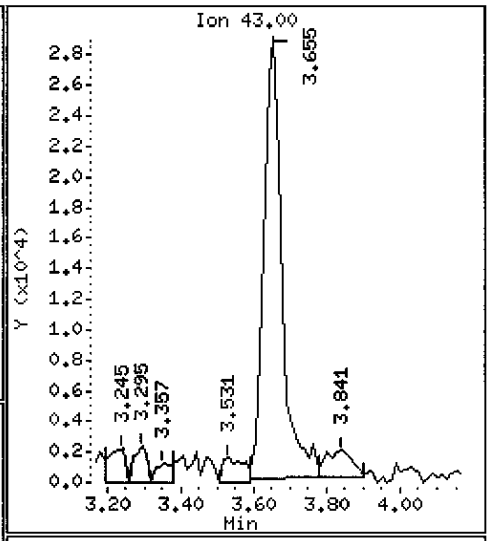
Column phase: DB-624

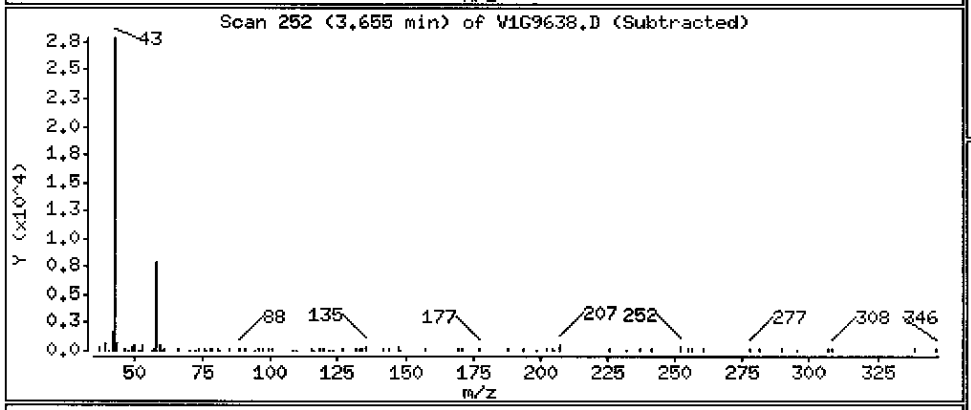
Column diameter: 0.25

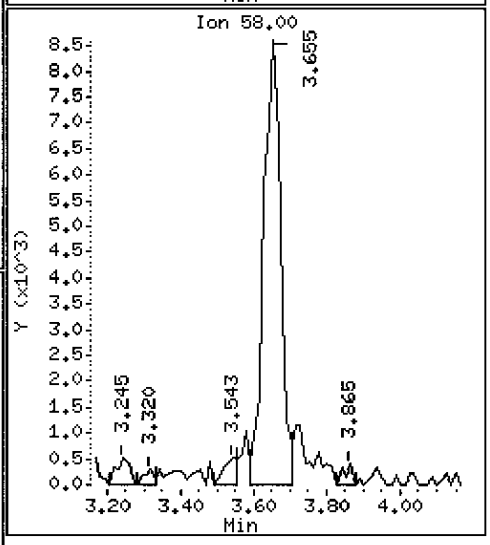
9 Acetone

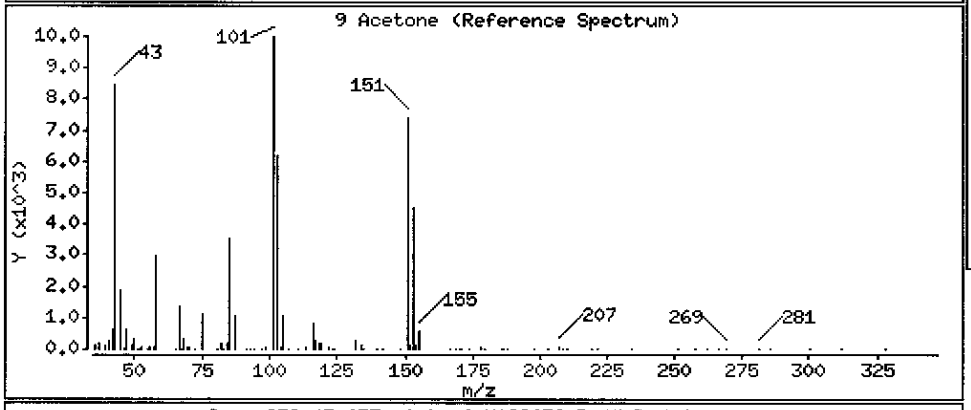
Concentration: 190 ug/Kg

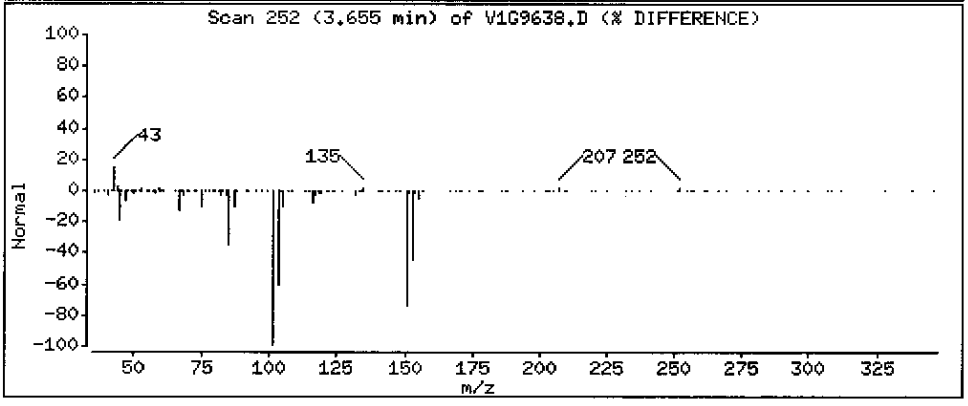












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9638.D

Date : 19-AUG-2005 15:36

Client ID: SD06-S-ORE

Instrument: V1.i

Sample Info: ,D0926-09CRE,,19568,

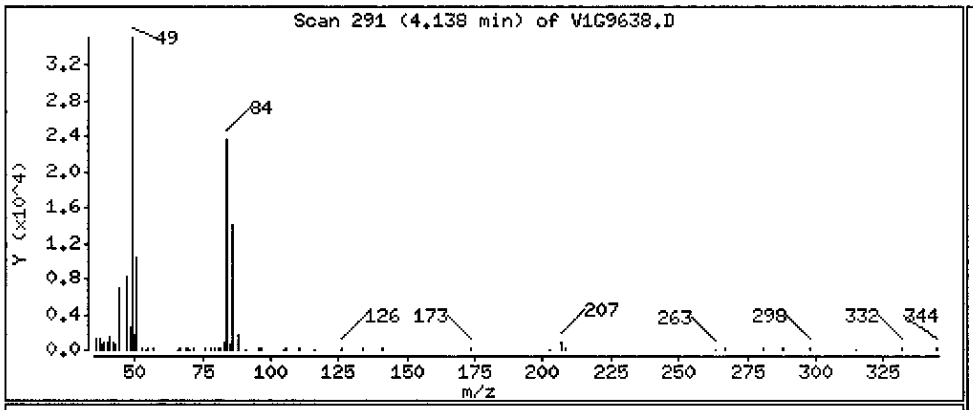
Operator: LG SRC: LIMS

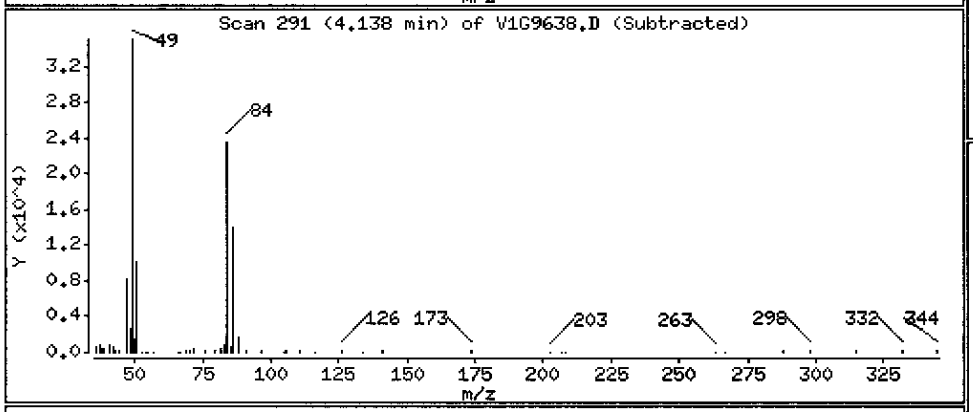
Column phase: DB-624

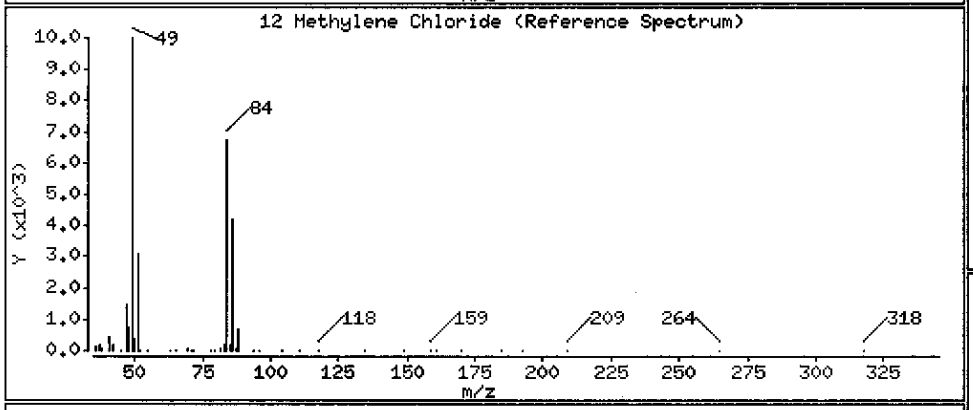
Column diameter: 0.25

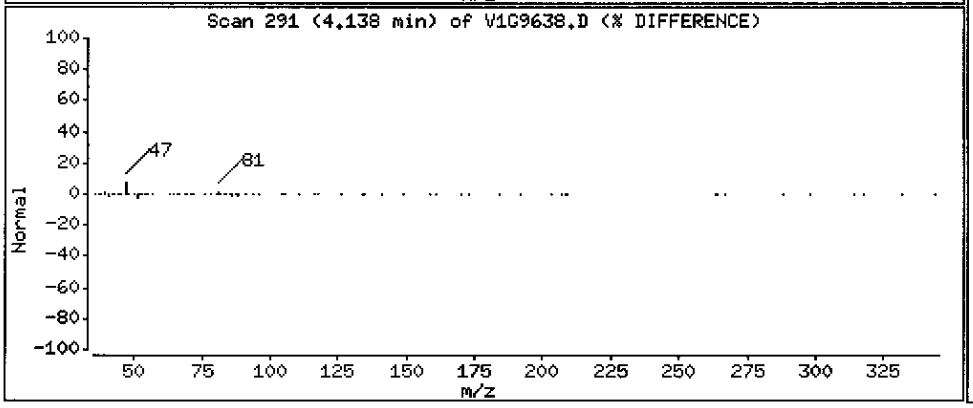
12 Methylene Chloride

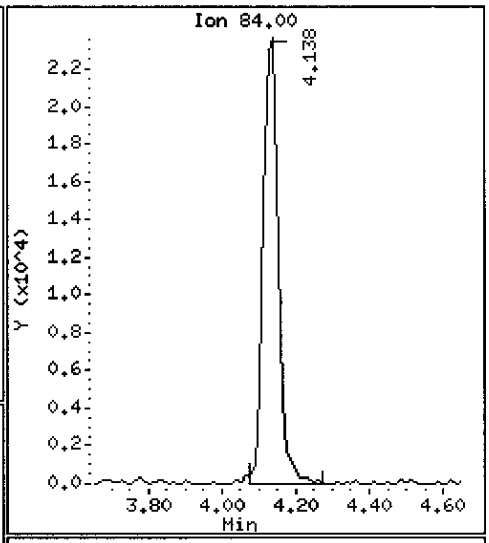
Concentration: 68 ug/Kg

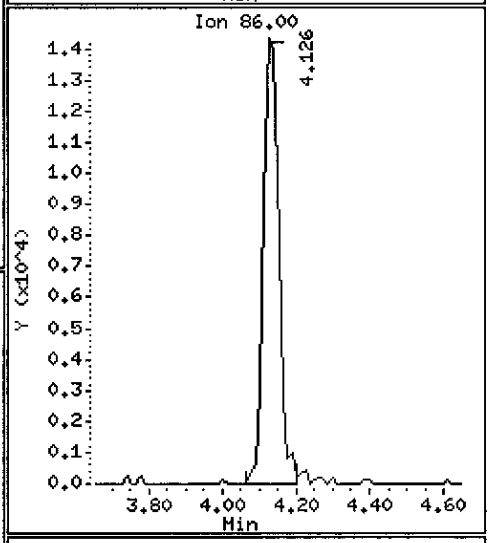


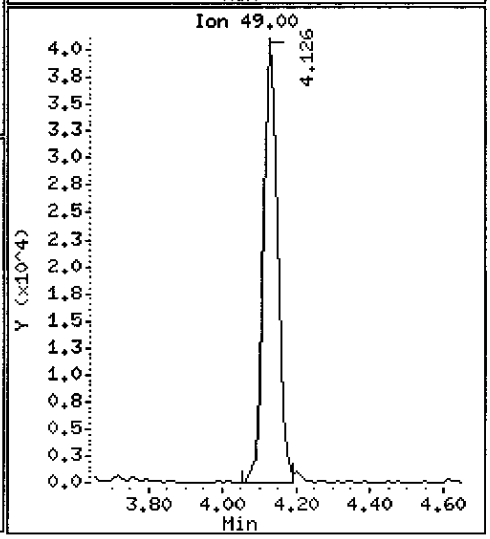












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9638.D

Date : 19-AUG-2005 15:36

Client ID: SD06-S-ORE

Instrument: V1.i

Sample Info: ,D0926-09CRE,,19568,

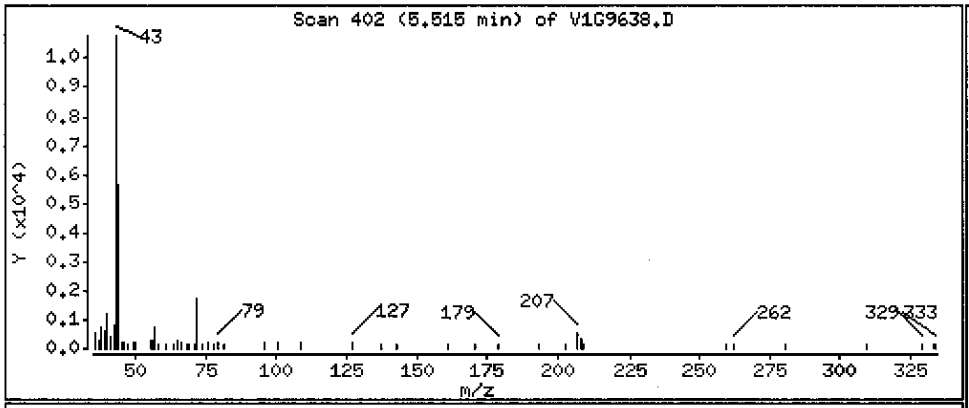
Operator: LG SRC: LIMS

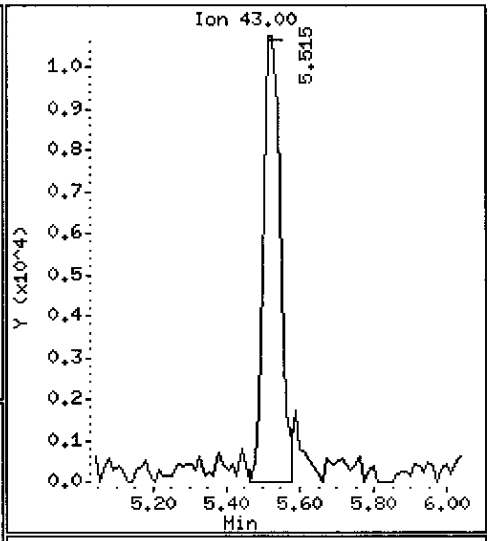
Column phase: DB-624

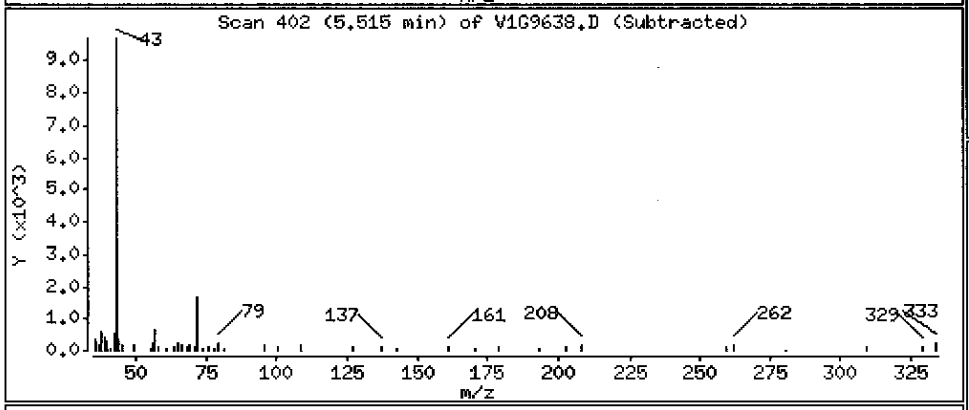
Column diameter: 0.25

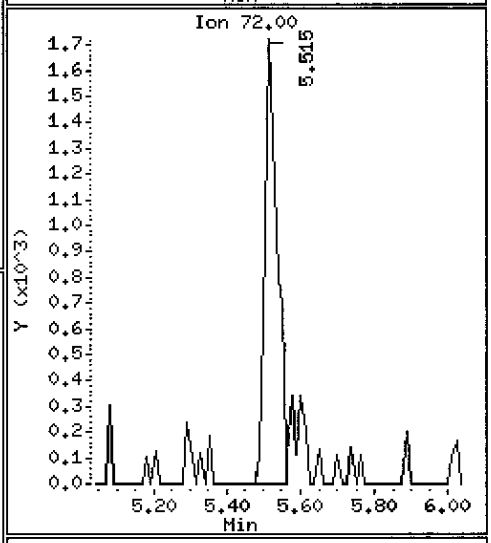
16 2-Butanone

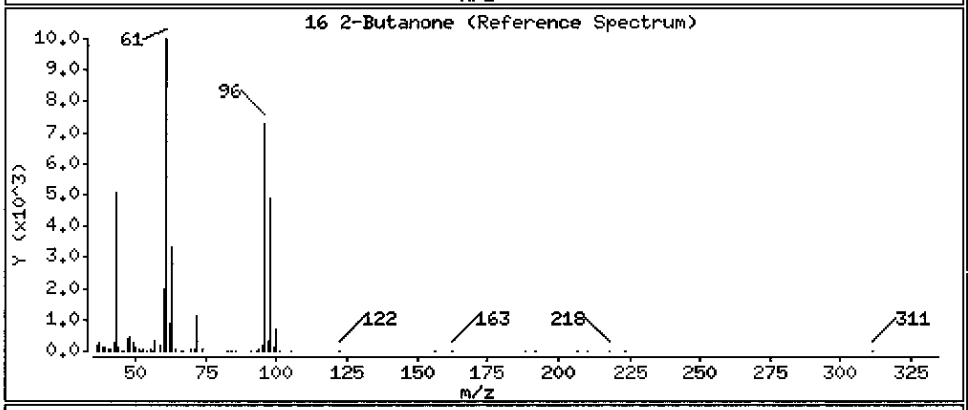
Concentration: 57 ug/Kg

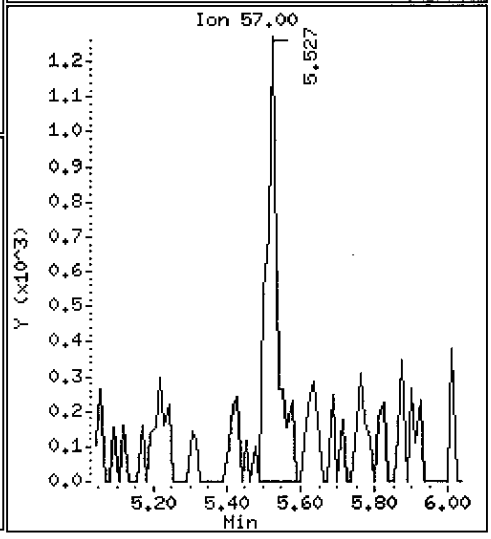


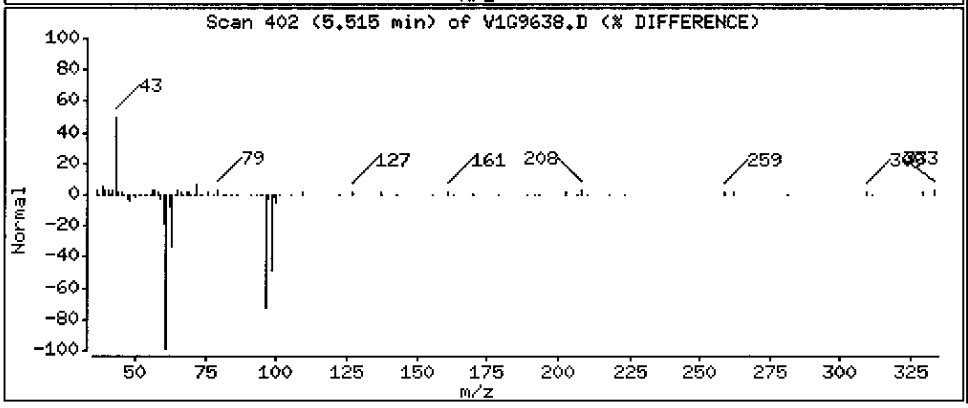












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9638.D

Date : 19-AUG-2005 15:36

Client ID: SD06-S-ORE

Instrument: V1.i

Sample Info: ,D0926-09CRE,,19568,

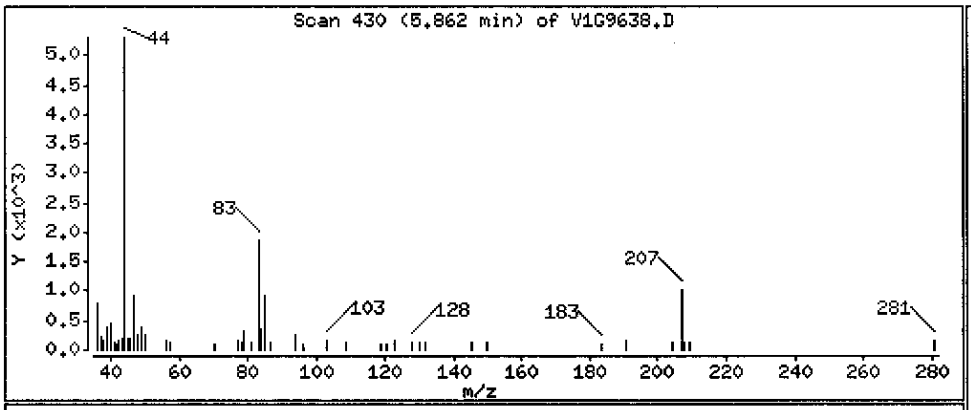
Operator: LG SRC: LIMS

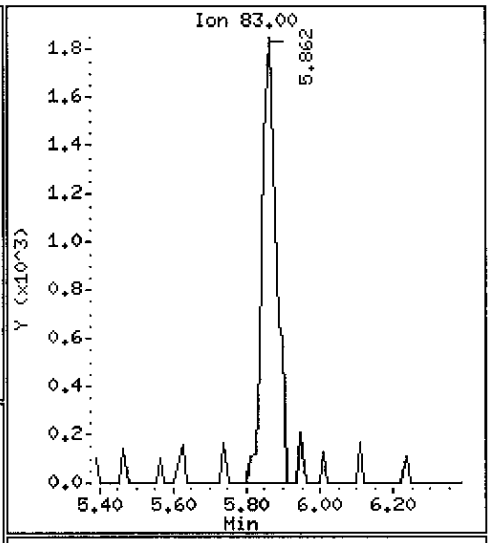
Column phase: DB-624

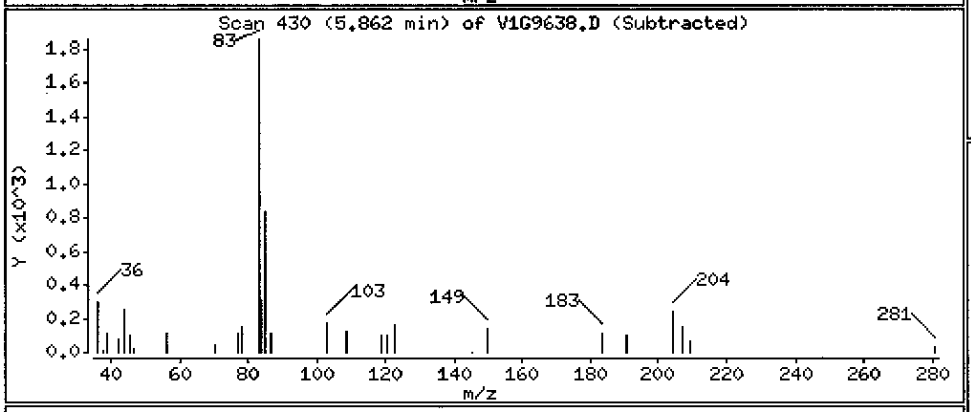
Column diameter: 0.25

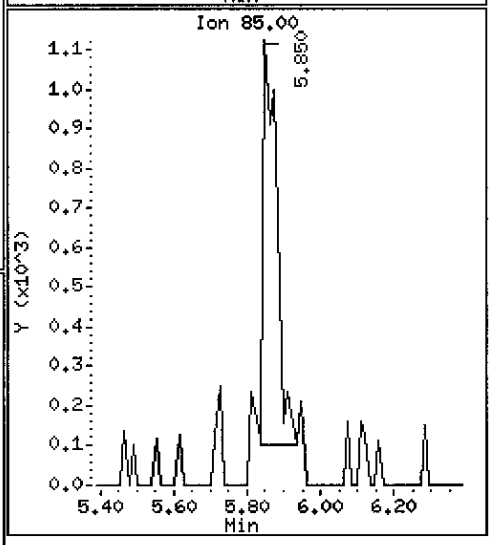
19 Chloroform

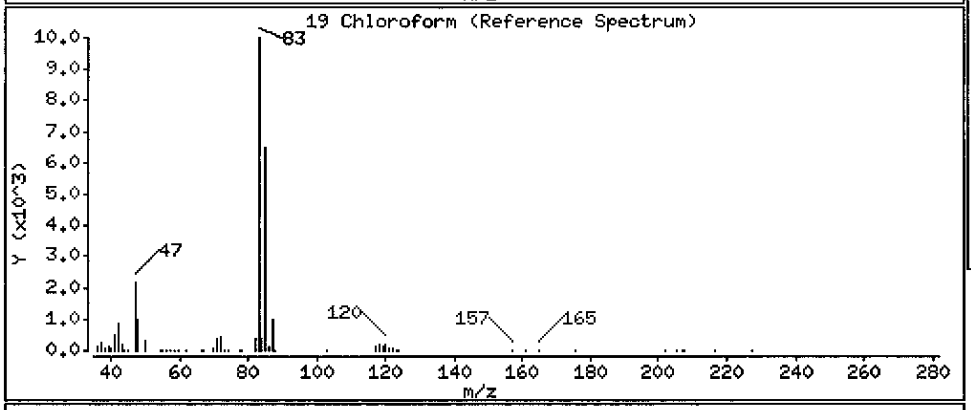
Concentration: 3 ug/Kg

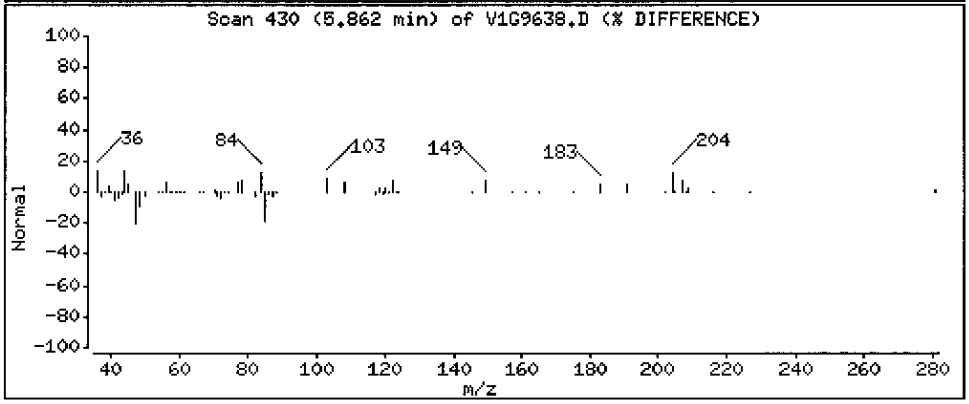












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9638.D

Date : 19-AUG-2005 15:36

Client ID: SD06-S-ORE

Instrument: V1.i

Sample Info: ,D0926-09CRE,,19568,

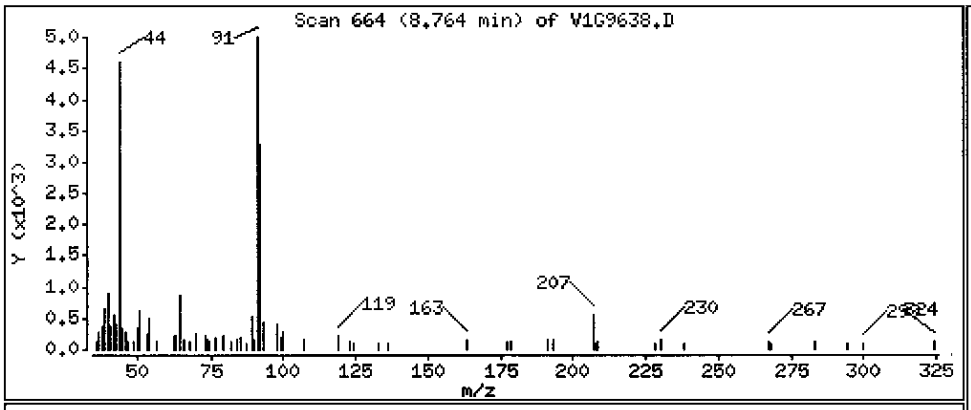
Operator: LG SRC: LIMS

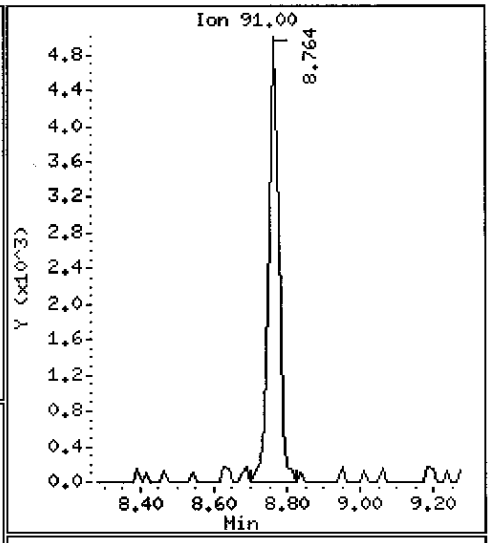
Column phase: DB-624

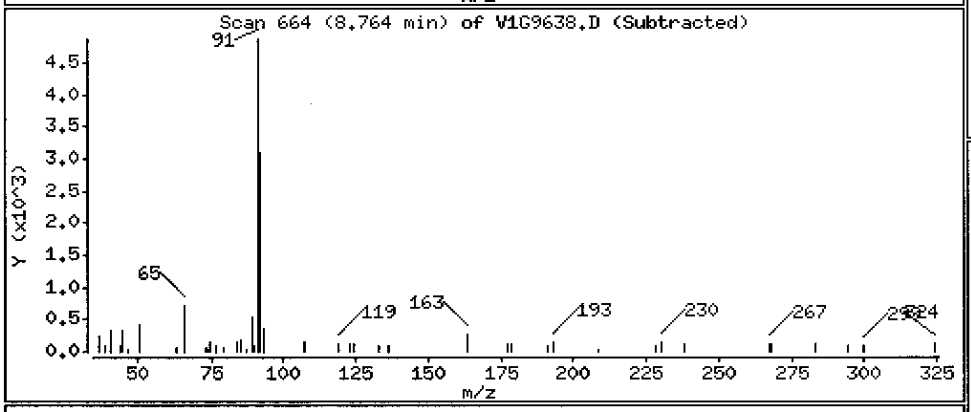
Column diameter: 0.25

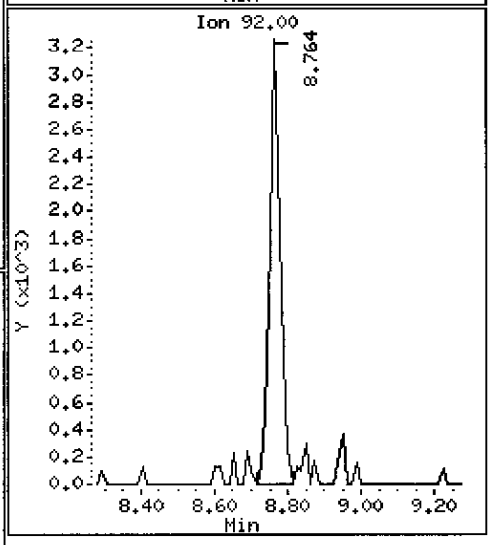
34 Toluene

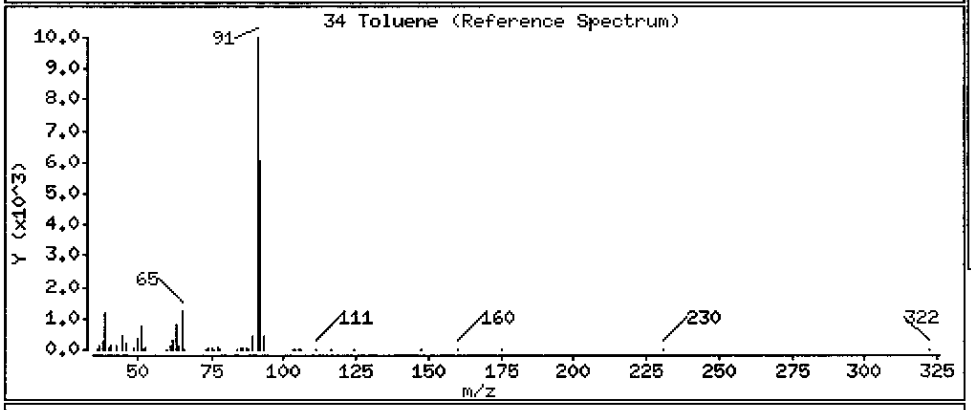
Concentration: 3 ug/Kg

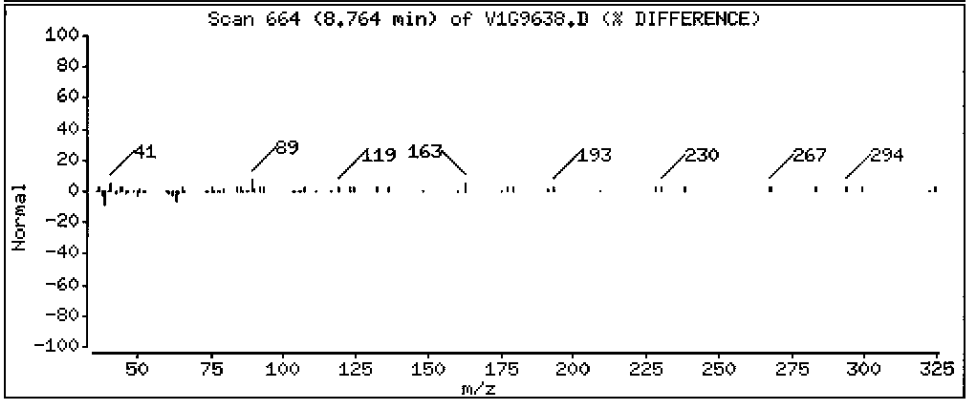












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9638.D

Date : 19-AUG-2005 15:36

Client ID: SD06-S-ORE

Instrument: V1.i

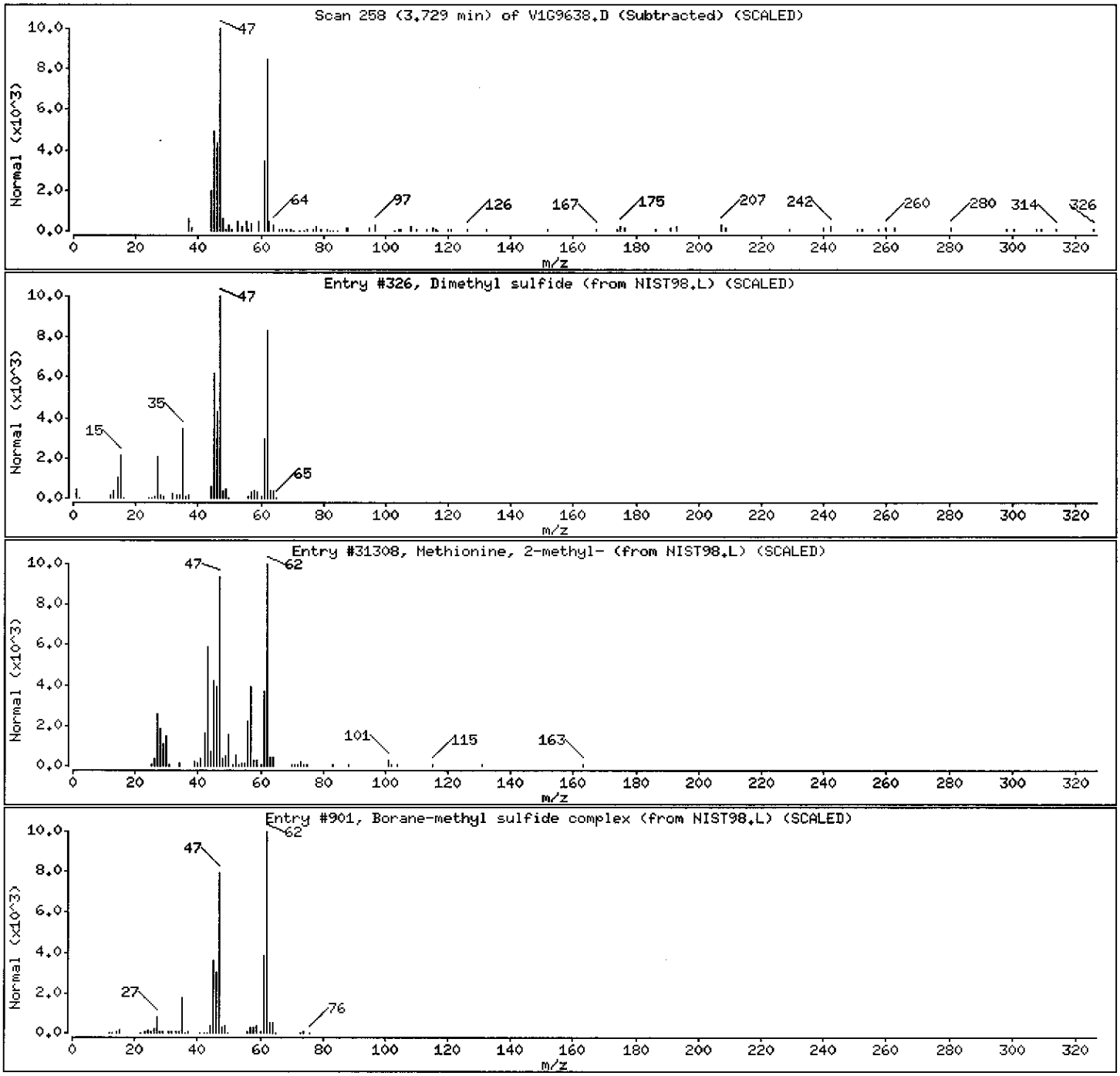
Sample Info: ,D0926-09CRE,,19568,

Operator: LG SRC: LIMS

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethyl sulfide	75-18-3	NIST98.L	326	91	C2H6S	62
Methionine, 2-methyl-	562-48-1	NIST98.L	31308	83	C6H13NO2S	163
Borane-methyl sulfide complex	13292-87-0	NIST98.L	901	83	C2H9BS	76



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9638.D

Date : 19-AUG-2005 15:36

Client ID: SD06-S-ORE

Instrument: V1.i

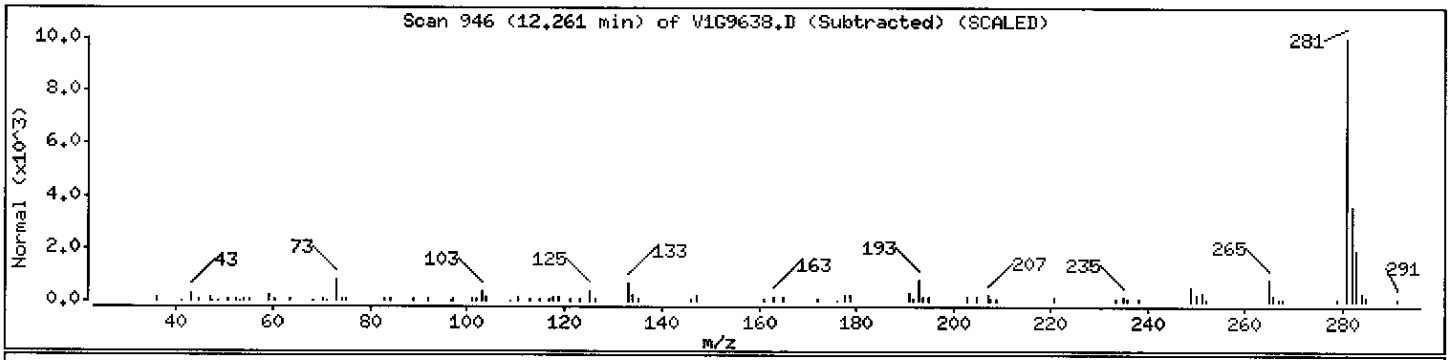
Sample Info: ,D0926-09CRE,,19568,

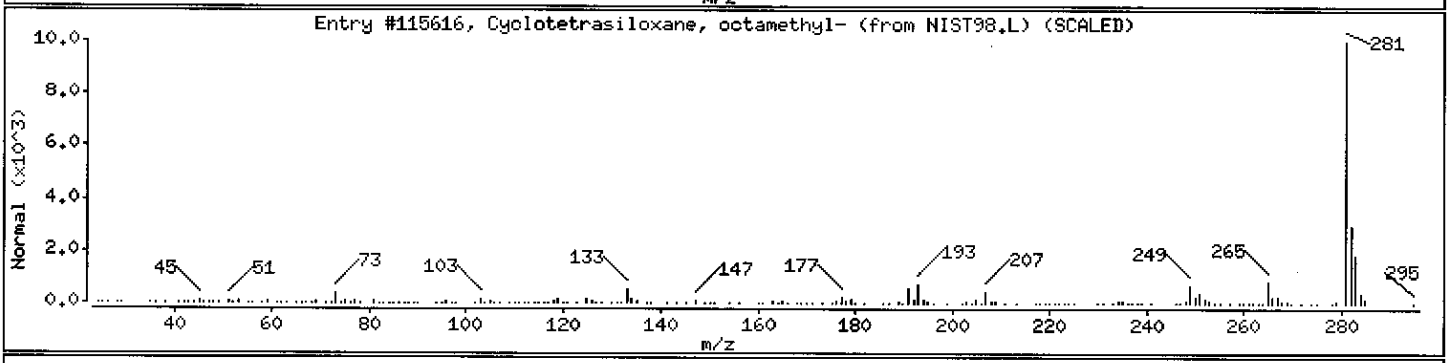
Operator: LG SRC: LIMS

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST98.L	115616	83	C8H24O4Si4	296





1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-M

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07C

Sample wt/vol: 6.6 (g/mL) G Lab File ID: V1G9595

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 47 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	14	U
74-87-3	Chloromethane	14	U
75-01-4	Vinyl Chloride	14	U
74-83-9	Bromomethane	14	U
75-00-3	Chloroethane	14	U
75-69-4	Trichlorofluoromethane	14	U
75-35-4	1,1-Dichloroethene	14	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	14	U
67-64-1	Acetone	59	
75-15-0	Carbon Disulfide	14	U
79-20-9	Methyl Acetate	14	U
75-09-2	Methylene Chloride	60	
156-60-5	trans-1,2-Dichloroethene	14	U
1634-04-4	Methyl tert-Butyl Ether	14	U
75-34-3	1,1-Dichloroethane	14	U
156-59-2	cis-1,2-Dichloroethene	14	U
78-93-3	2-Butanone	18	
67-66-3	Chloroform	14	U
71-55-6	1,1,1-Trichloroethane	14	U
110-82-7	Cyclohexane	14	U
56-23-5	Carbon Tetrachloride	14	U
71-43-2	Benzene	14	U
107-06-2	1,2-Dichloroethane	14	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-M

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07C

Sample wt/vol: 6.6 (g/mL) G Lab File ID: V1G9595

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 47 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	14	U
108-87-2	Methylcyclohexane	14	U
78-87-5	1,2-Dichloropropane	14	U
75-27-4	Bromodichloromethane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
108-10-1	4-Methyl-2-Pentanone	14	U
108-88-3	Toluene	14	U
10061-02-6	trans-1,3-Dichloropropene	14	U
79-00-5	1,1,2-Trichloroethane	14	U
127-18-4	Tetrachloroethene	3	J
591-78-6	2-Hexanone	14	U
124-48-1	Dibromochloromethane	14	U
106-93-4	1,2-Dibromoethane	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
1330-20-7	Xylene (Total)	14	U
100-42-5	Styrene	14	U
75-25-2	Bromoform	14	U
98-82-8	Isopropylbenzene	14	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
541-73-1	1,3-Dichlorobenzene	14	U
106-46-7	1,4-Dichlorobenzene	14	U
95-50-1	1,2-Dichlorobenzene	14	U
96-12-8	1,2-Dibromo-3-chloropropane	14	U
120-82-1	1,2,4-Trichlorobenzene	14	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD07-S-M

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07C

Sample wt/vol: 6.6 (g/mL) G Lab File ID: V1G9595

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 47 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.26	23	NJ
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
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16.					
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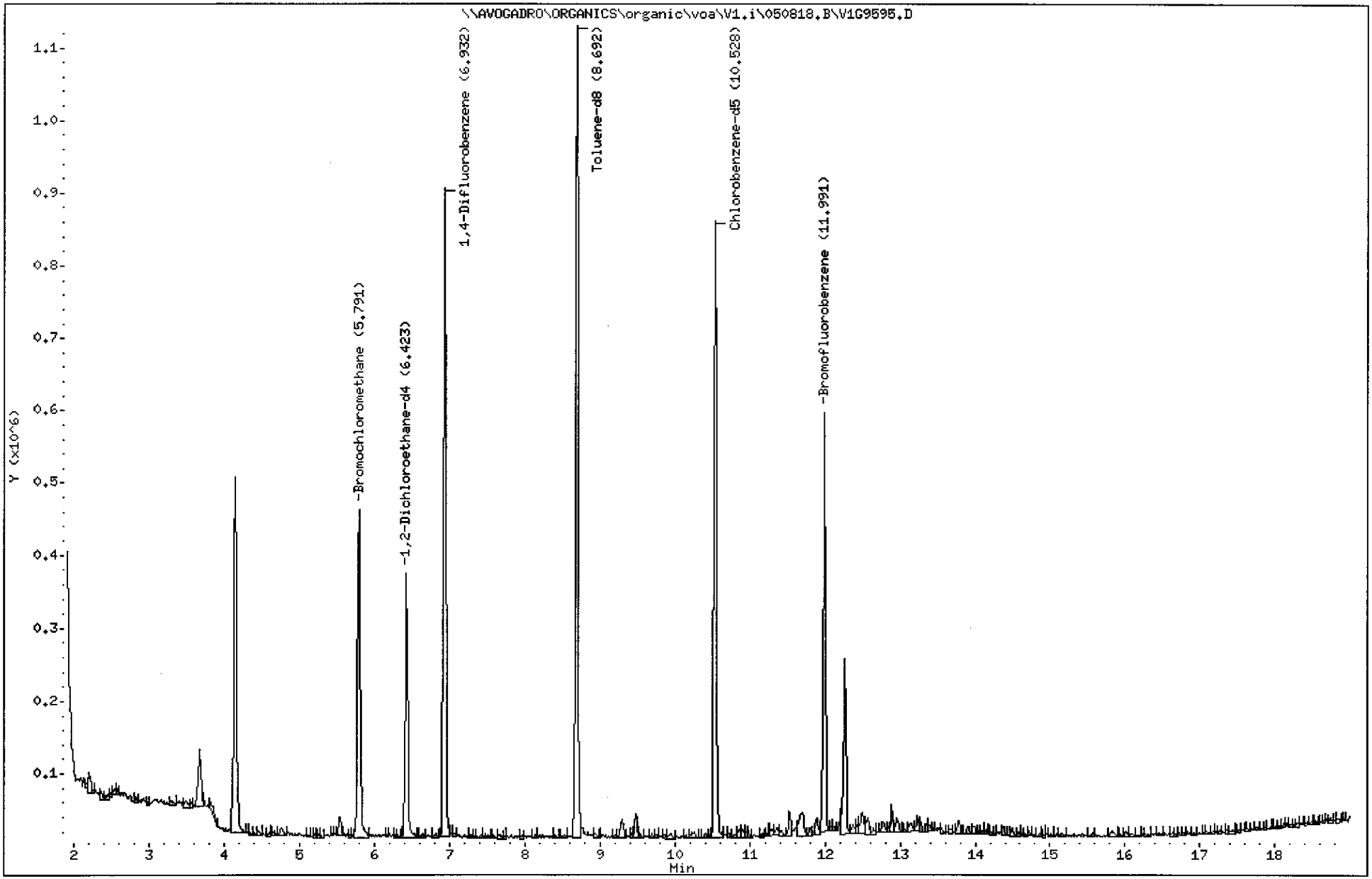
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9595.D
Date : 18-AUG-2005 14:19
Client ID: SD07-S-M
Sample Info: ,D0926-07C,,19555,

Instrument: V1.i

Operator: LG SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



0230

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9595.D
Report Date: 22-Aug-2005 14:43

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9595.D
Lab Smp Id: D0926-07C Client Smp ID: SD07-S-M
Inj Date : 18-AUG-2005 14:19
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-07C,,19555,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D ✓
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	6.600	Weight of sample (g)
M	47.000	% Moisture (not decanted)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	9 Acetone	43	3.670	3.667	(0.634)	167340	41.0461	59
	12 Methylene Chloride	84	4.141	4.139	(0.715)	246953	41.8906	60
	16 2-Butanone	43	5.530	5.527	(0.955)	56381	12.2628	18
*	18 Bromochloromethane	128	5.791	5.788	(1.000)	134051	50.0000	
$	23 1,2-Dichloroethane-d4	65	6.423	6.420	(1.109)	314507	46.1259	66
*	26 1,4-Difluorobenzene	114	6.931	6.929	(1.000)	788287	50.0000	
$	33 Toluene-d8	98	8.692	8.690	(0.826)	808970	56.8049	81
	37 Tetrachloroethene	164	9.474	9.483	(0.900)	8223	2.29319	3(a)
*	42 Chlorobenzene-d5	117	10.528	10.525	(1.000)	512058	50.0000	
$	50 Bromofluorobenzene	95	11.991	11.988	(1.139)	217835	38.0125	54

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

SB 8/22/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9595.D
Report Date: 22-Aug-2005 14:43

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9595.D
Lab Smp Id: D0926-07C Client Smp ID: SD07-S-M
Inj Date : 18-AUG-2005 14:19
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-07C,,19555,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	6.600	Weight of sample (g)
M	47.000	% Moisture (not decanted)

ISTD	RT	AREA	AMOUNT
* 42 Chlorobenzene-d5	10.528	1788975	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Cyclotetrasiloxane, octamethyl-				CAS #: 556-67-2			
12.264	575957	16.0974021	23	91	NIST98.L	115617	42

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9595.D

Date : 18-AUG-2005 14:19

Client ID: SD07-S-M

Instrument: V1.i

Sample Info: ,D0926-07C,,19555,

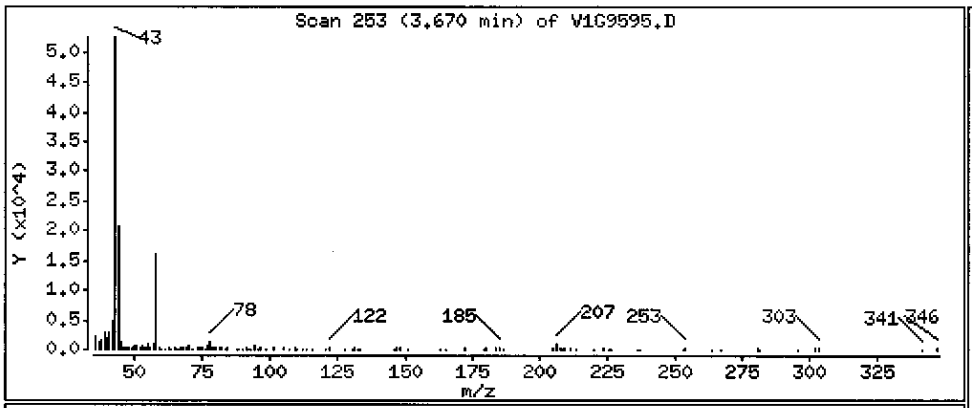
Operator: LG SRC: LIMS

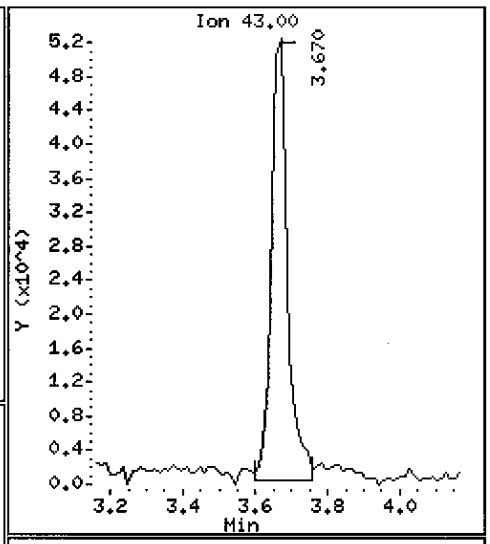
Column phase: DB-624

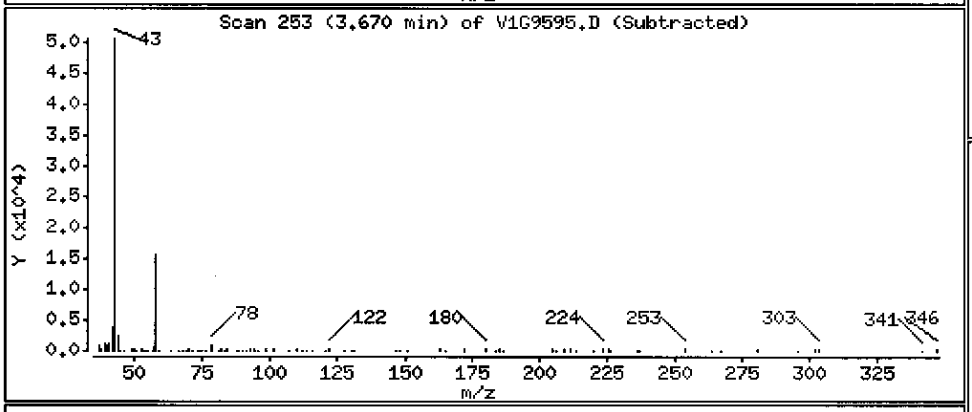
Column diameter: 0.25

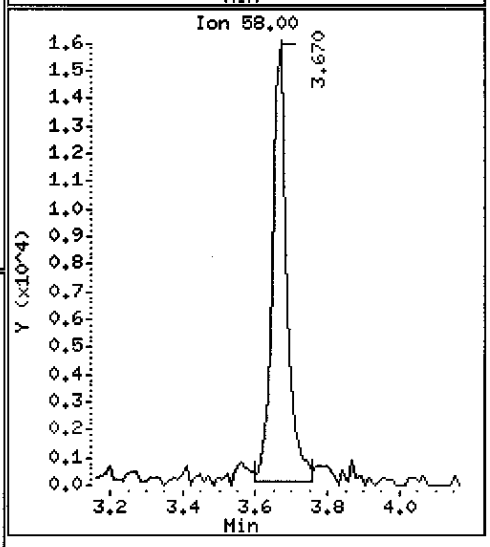
9 Acetone

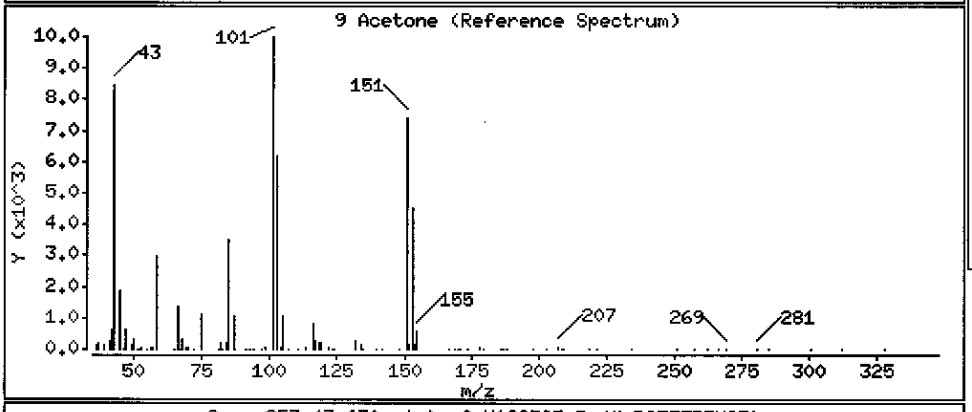
Concentration: 59 ug/Kg

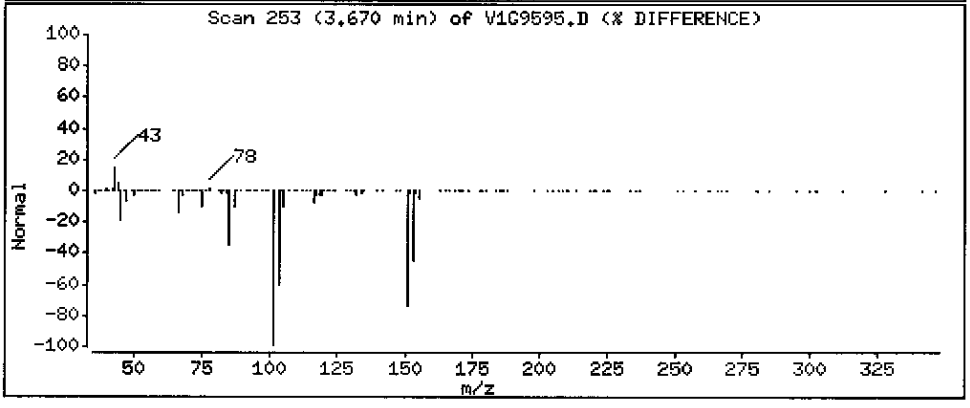












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9595.D

Date : 18-AUG-2005 14:19

Client ID: SD07-S-M

Instrument: V1.i

Sample Info: ,D0926-07C,,19555,

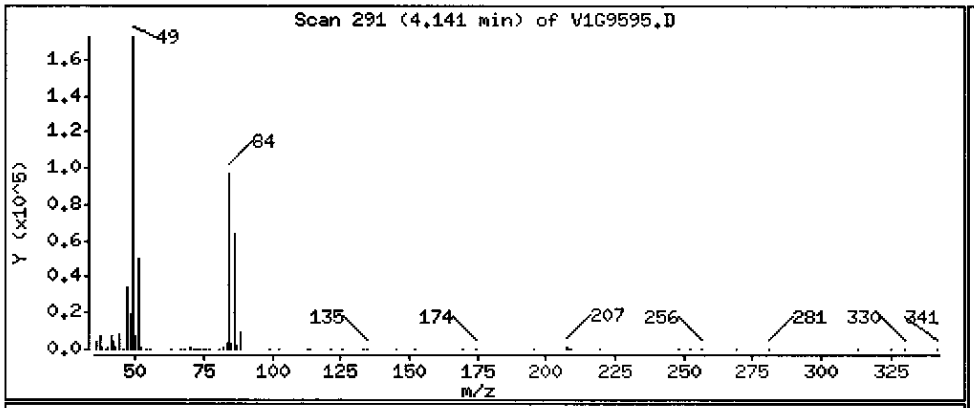
Operator: LG SRC: LIMS

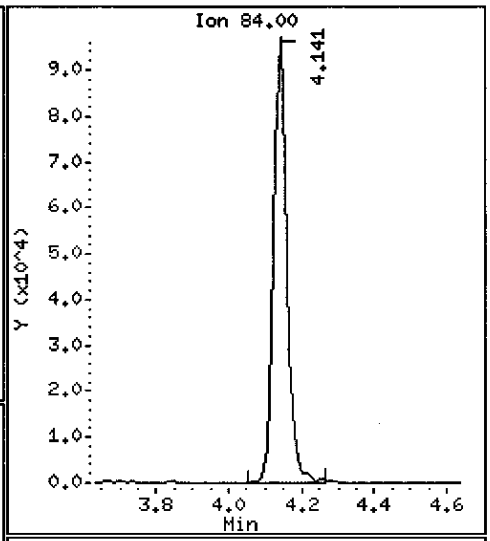
Column phase: DB-624

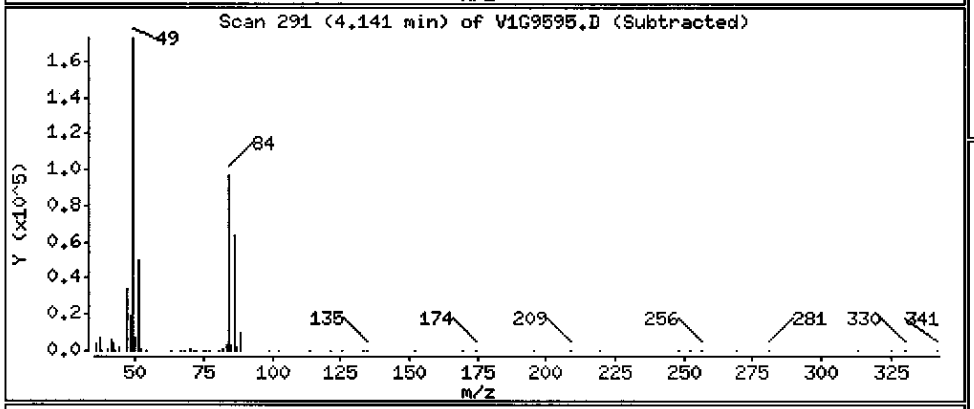
Column diameter: 0.25

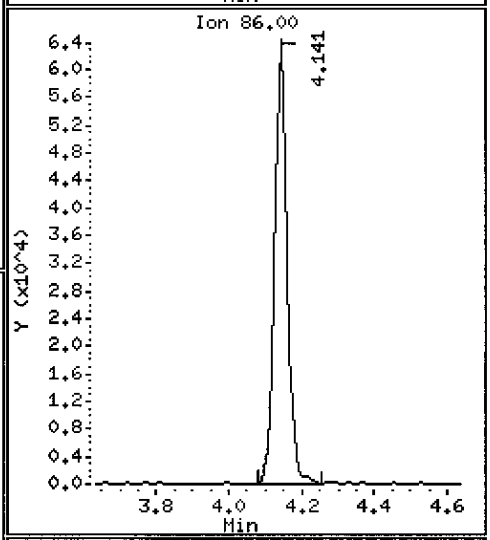
12 Methylene Chloride

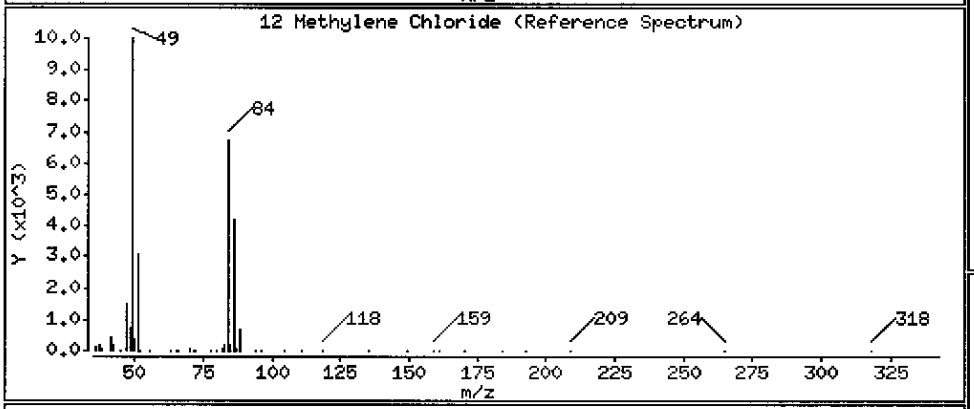
Concentration: 60 ug/Kg

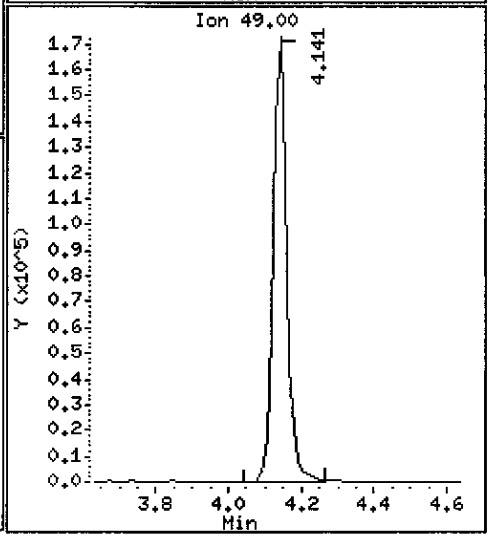


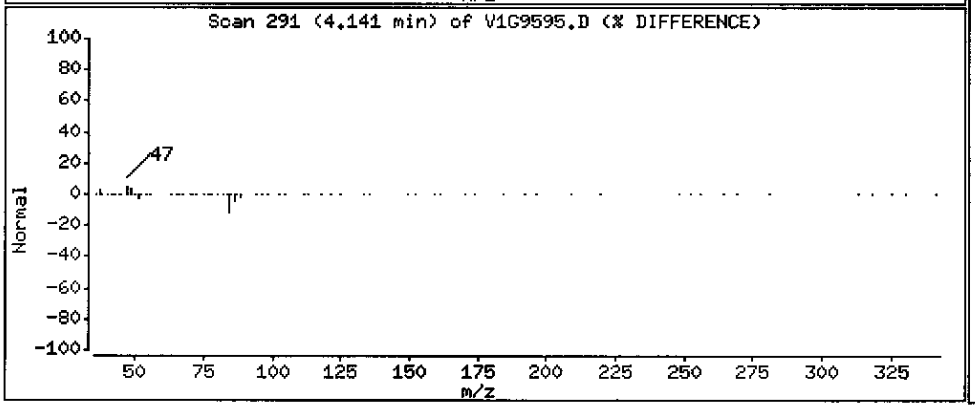












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9595.D

Date : 18-AUG-2005 14:19

Client ID: SD07-S-M

Instrument: V1.i

Sample Info: ,D0926-07C,,19555,

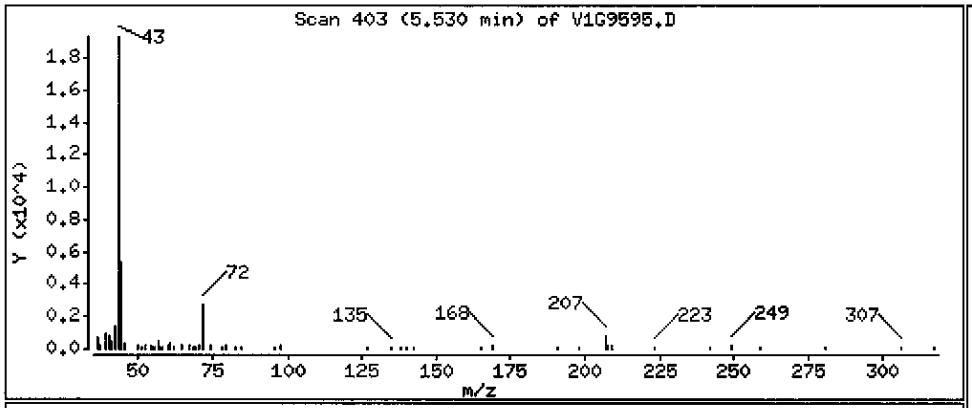
Operator: LG SRC: LIMS

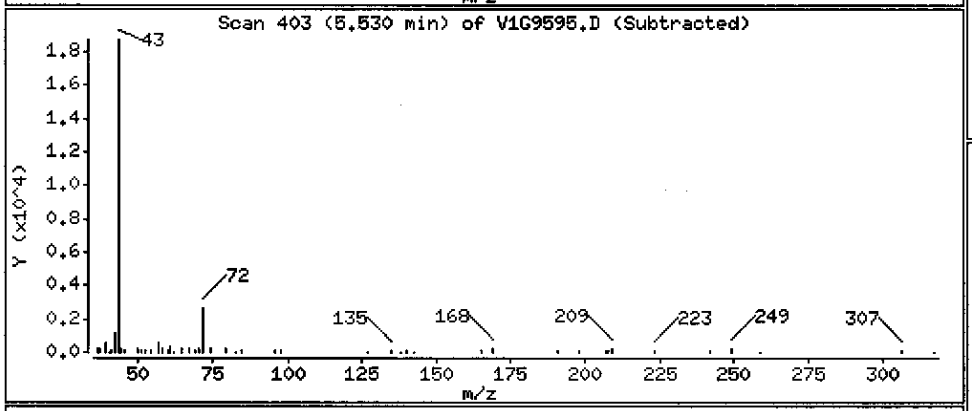
Column phase: DB-624

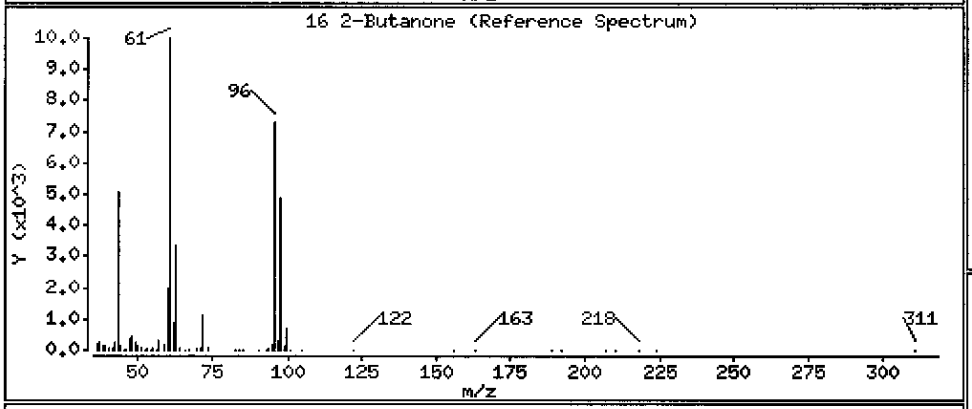
Column diameter: 0.25

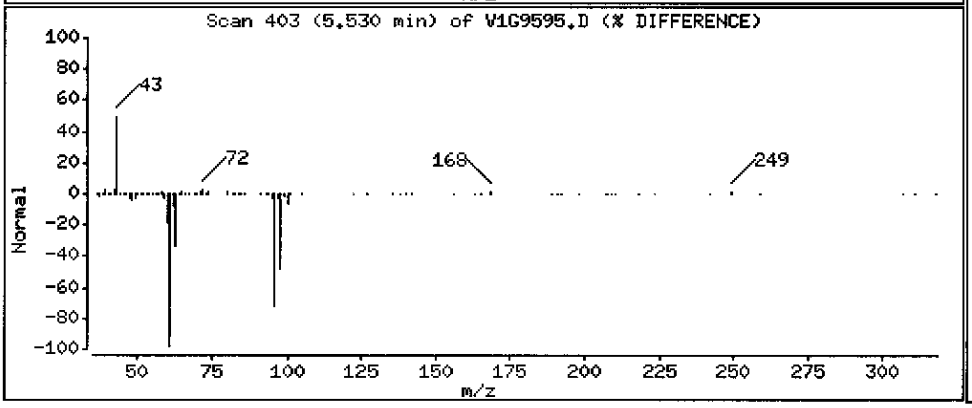
16 2-Butanone

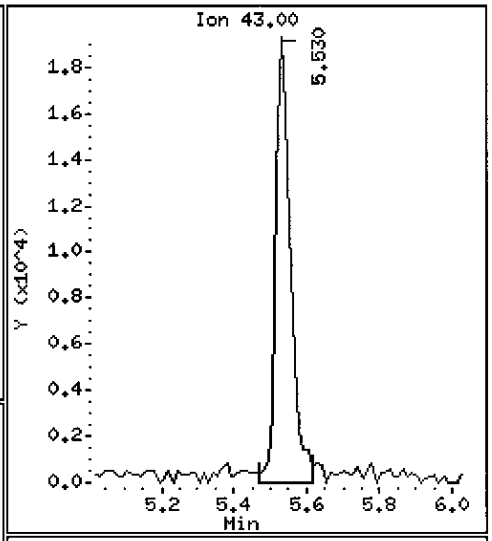
Concentration: 18 ug/Kg

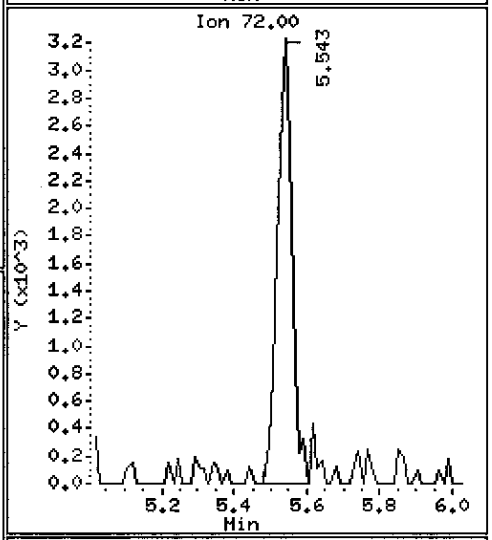


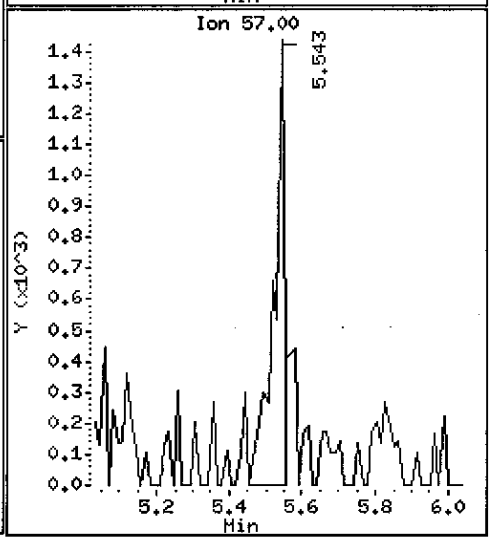












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9595.D

Date : 18-AUG-2005 14:19

Client ID: SD07-S-M

Instrument: V1.i

Sample Info: ,D0926-07C,,19555,

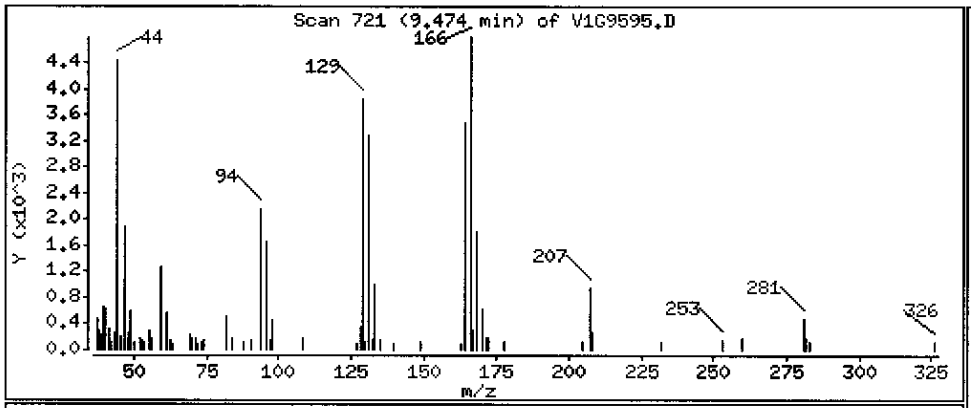
Operator: LG SRC: LIMS

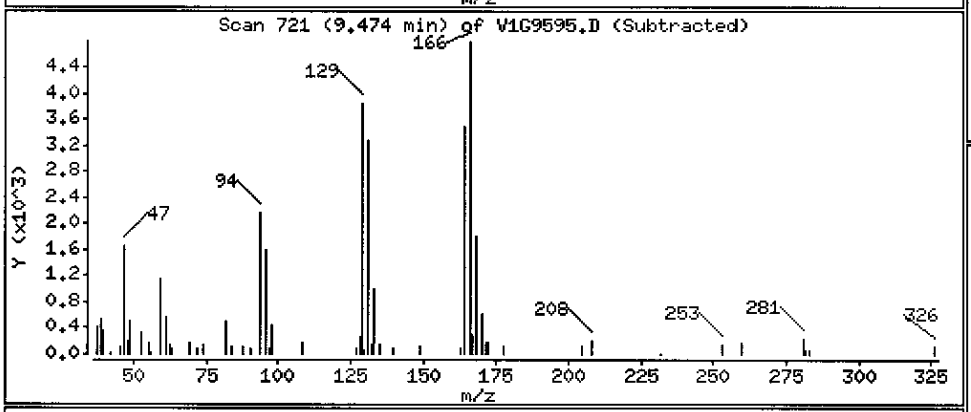
Column phase: DB-624

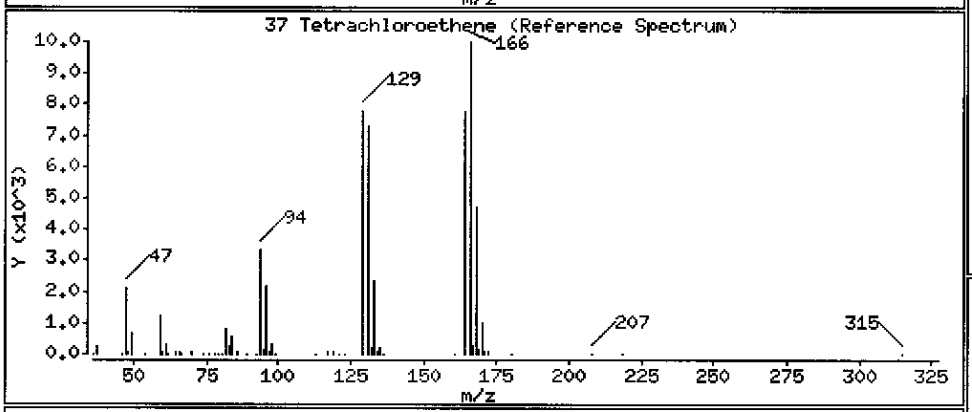
Column diameter: 0.25

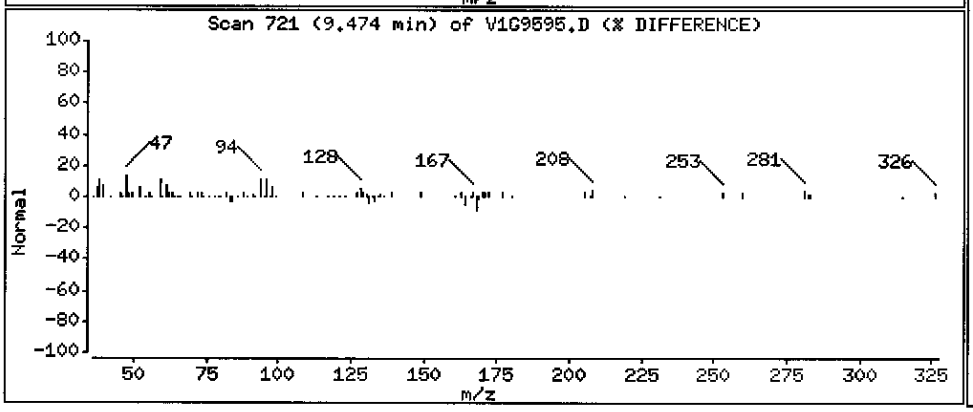
37 Tetrachloroethene

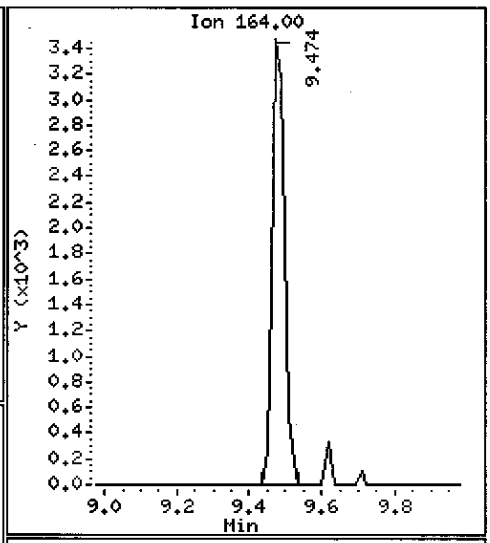
Concentration: 3 ug/Kg

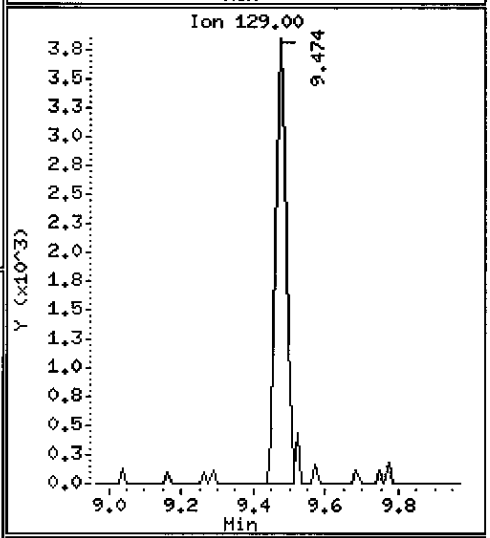


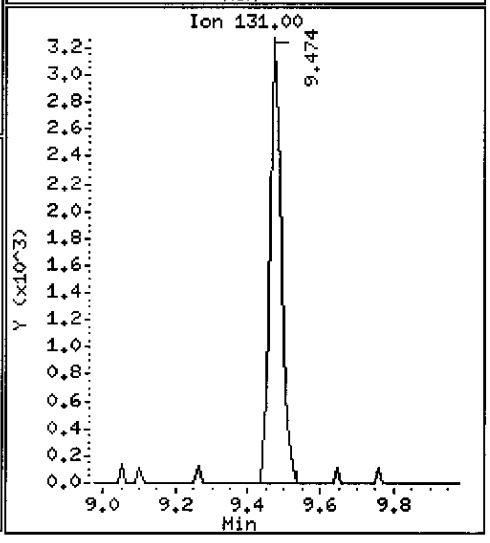












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9595.D

Date : 18-AUG-2005 14:19

Client ID: SD07-S-M

Instrument: V1.i

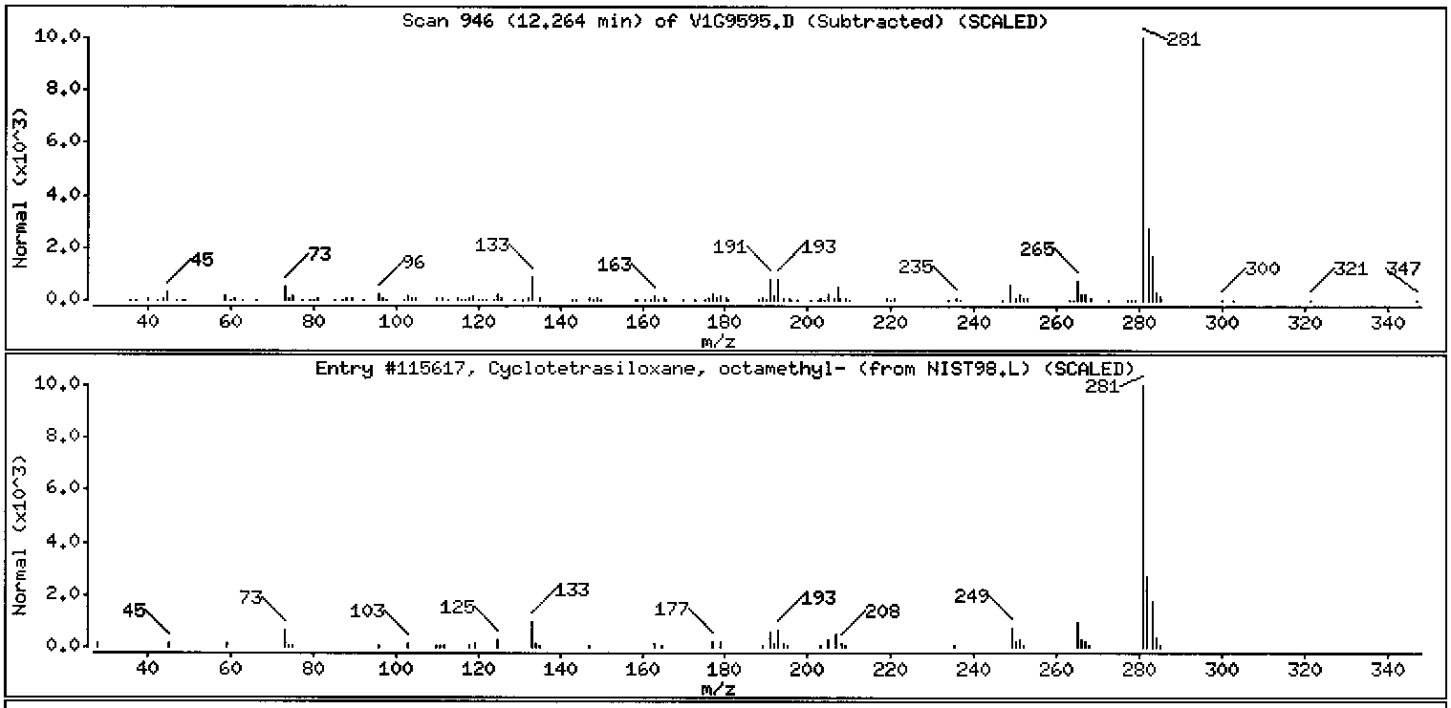
Sample Info: ,D0926-07C,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST98.L	115617	91	C8H24O4Si4	296



1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-06C

Sample wt/vol: 6.7(g/mL) G Lab File ID: V1G9639

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 48 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	14	U
74-87-3	Chloromethane	14	U
75-01-4	Vinyl Chloride	14	U
74-83-9	Bromomethane	14	U
75-00-3	Chloroethane	14	U
75-69-4	Trichlorofluoromethane	14	U
75-35-4	1,1-Dichloroethene	14	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	14	U
67-64-1	Acetone	120	
75-15-0	Carbon Disulfide	14	U
79-20-9	Methyl Acetate	14	U
75-09-2	Methylene Chloride	75	
156-60-5	trans-1,2-Dichloroethene	14	U
1634-04-4	Methyl tert-Butyl Ether	14	U
75-34-3	1,1-Dichloroethane	14	U
156-59-2	cis-1,2-Dichloroethene	14	U
78-93-3	2-Butanone	33	
67-66-3	Chloroform	2	JB
71-55-6	1,1,1-Trichloroethane	14	U
110-82-7	Cyclohexane	14	U
56-23-5	Carbon Tetrachloride	14	U
71-43-2	Benzene	14	U
107-06-2	1,2-Dichloroethane	14	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-06C

Sample wt/vol: 6.7 (g/mL) G Lab File ID: V1G9639

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 48 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	14	U
108-87-2	Methylcyclohexane	14	U
78-87-5	1,2-Dichloropropane	14	U
75-27-4	Bromodichloromethane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
108-10-1	4-Methyl-2-Pentanone	14	U
108-88-3	Toluene	14	U
10061-02-6	trans-1,3-Dichloropropene	14	U
79-00-5	1,1,2-Trichloroethane	14	U
127-18-4	Tetrachloroethene	14	U
591-78-6	2-Hexanone	14	U
124-48-1	Dibromochloromethane	14	U
106-93-4	1,2-Dibromoethane	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
1330-20-7	Xylene (Total)	14	U
100-42-5	Styrene	14	U
75-25-2	Bromoform	14	U
98-82-8	Isopropylbenzene	14	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
541-73-1	1,3-Dichlorobenzene	14	U
106-46-7	1,4-Dichlorobenzene	14	U
95-50-1	1,2-Dichlorobenzene	14	U
96-12-8	1,2-Dibromo-3-chloropropane	14	U
120-82-1	1,2,4-Trichlorobenzene	14	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD07-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-06C

Sample wt/vol: 6.7 (g/mL) G Lab File ID: V1G9639

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 48 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

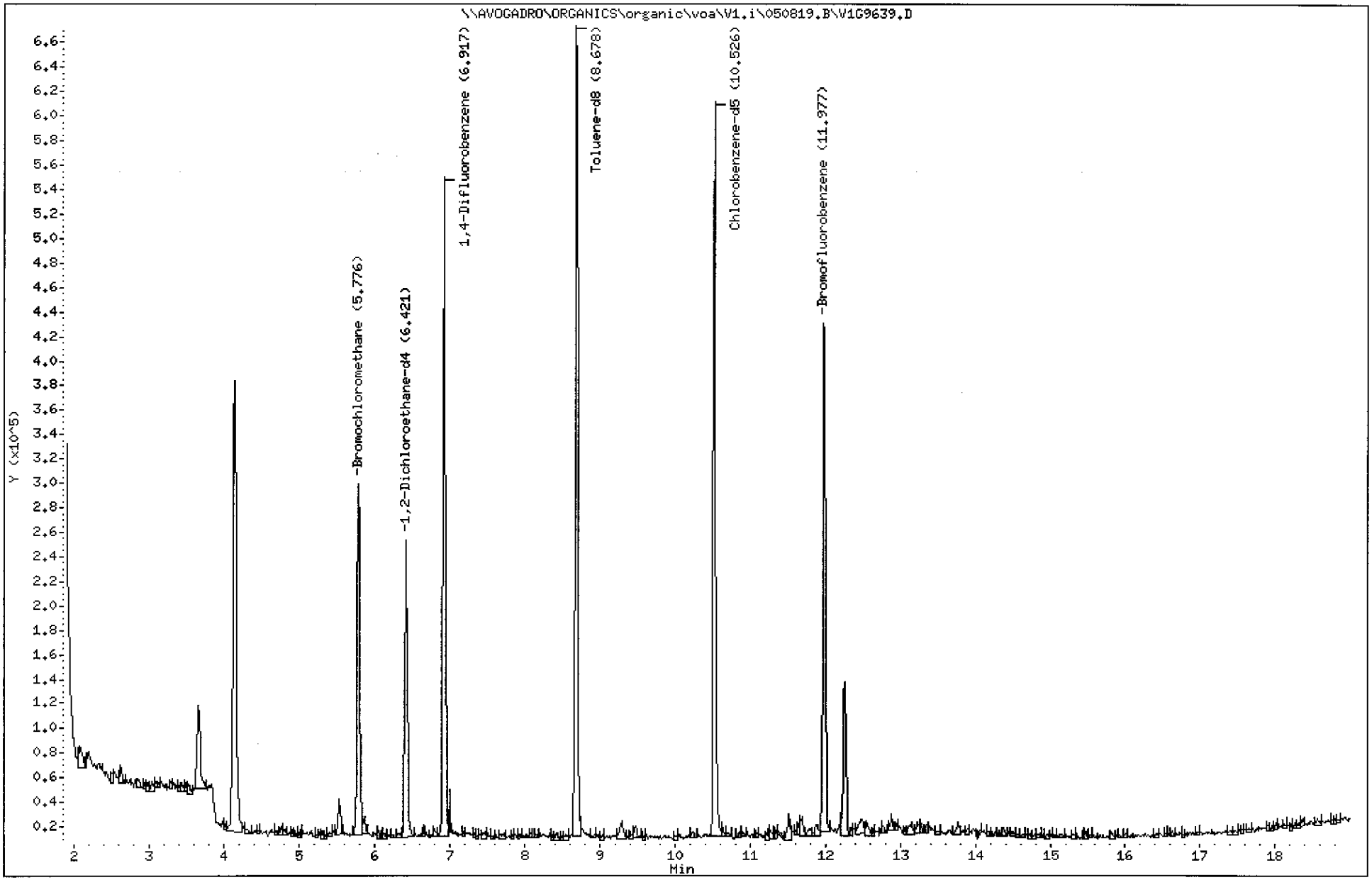
CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	12.26	18	J
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9639.D
Date : 19-AUG-2005 16:04
Client ID: SD07-S-O
Sample Info: ,D0926-06C,,19568,

Instrument: V1.i

Operator: LG SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9639.D
Report Date: 23-Aug-2005 13:52

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9639.D
Lab Smp Id: D0926-06C Client Smp ID: SD07-S-O
Inj Date : 19-AUG-2005 16:04
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-06C,,19568,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\v1clp4h.m
Meth Date : 23-Aug-2005 13:46 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 10:26 Cal File: V1G9631.D ✓
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	6.700	Weight of sample (g)
M	48.000	% Moisture (not decanted)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	9 Acetone	43	3.656	3.668	(0.633)	169629	81.8438	120
	12 Methylene Chloride	84	4.139	4.152	(0.717)	205268	52.0494	75
	16 2-Butanone	43	5.528	5.540	(0.957)	54622	22.9450	33
*	18 Bromochloromethane	128	5.776	5.801	(1.000)	87970	50.0000	
	19 Chloroform	83	5.863	5.888	(1.015)	10289	1.65287	2(a)
$	23 1,2-Dichloroethane-d4	65	6.421	6.433	(1.112)	213120	51.9272	75
*	26 1,4-Difluorobenzene	114	6.917	6.942	(1.000)	486676	50.0000	
$	33 Toluene-d8	98	8.678	8.703	(0.824)	522921	52.0963	75
*	42 Chlorobenzene-d5	117	10.526	10.526	(1.000)	381042	50.0000	
$	50 Bromofluorobenzene	95	11.977	11.989	(1.138)	171316	40.8162	59

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

SB 8/23/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9639.D
Report Date: 23-Aug-2005 13:52

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9639.D
Lab Smp Id: D0926-06C Client Smp ID: SD07-S-O
Inj Date : 19-AUG-2005 16:04
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-06C,,19568,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\v1clp4h.m
Meth Date : 23-Aug-2005 13:46 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 10:26 Cal File: V1G9631.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	6.700	Weight of sample (g)
M	48.000	% Moisture (not decanted)

ISTD	RT	AREA	AMOUNT
* 42 Chlorobenzene-d5	10.526	1280481	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL (ug/L)	FINAL (ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
12.262	314173	12.2677728	18	0		0	42

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9639.D

Date : 19-AUG-2005 16:04

Client ID: SD07-S-0

Instrument: V1.i

Sample Info: ,D0926-06C,,19568,

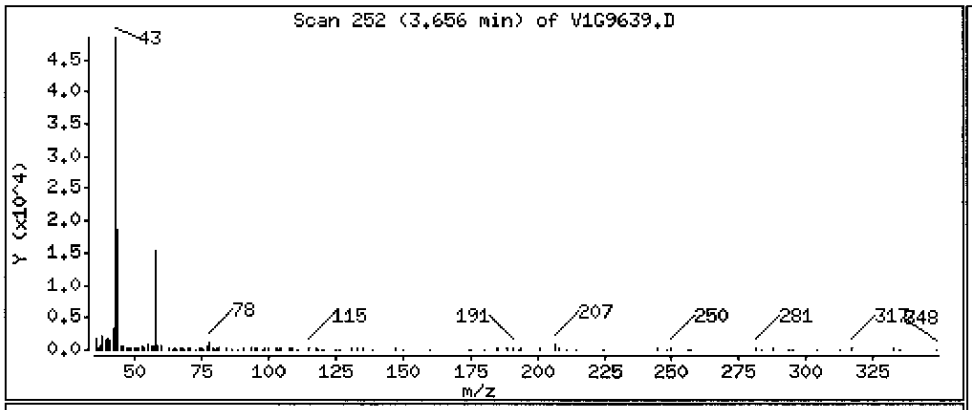
Operator: LG SRC: LIMS

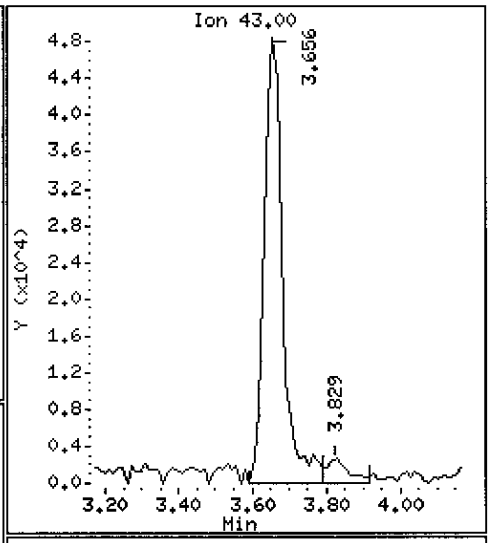
Column phase: DB-624

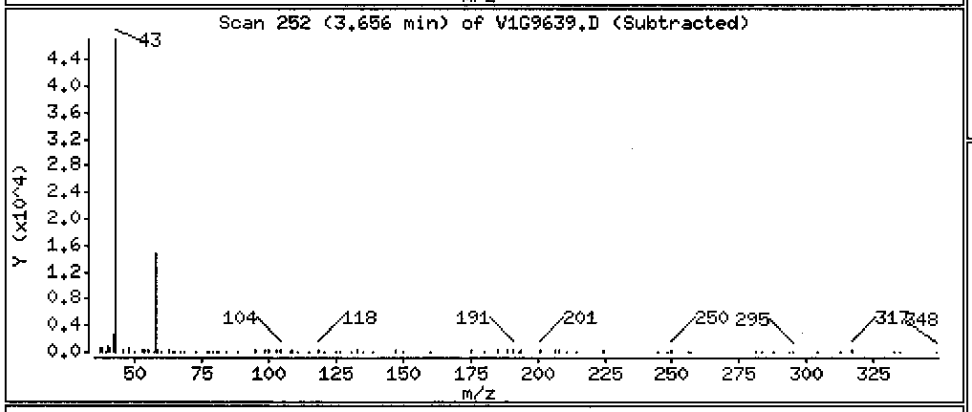
Column diameter: 0.25

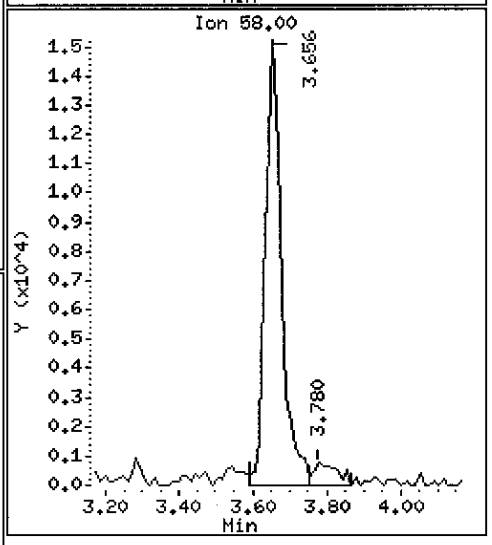
9 Acetone

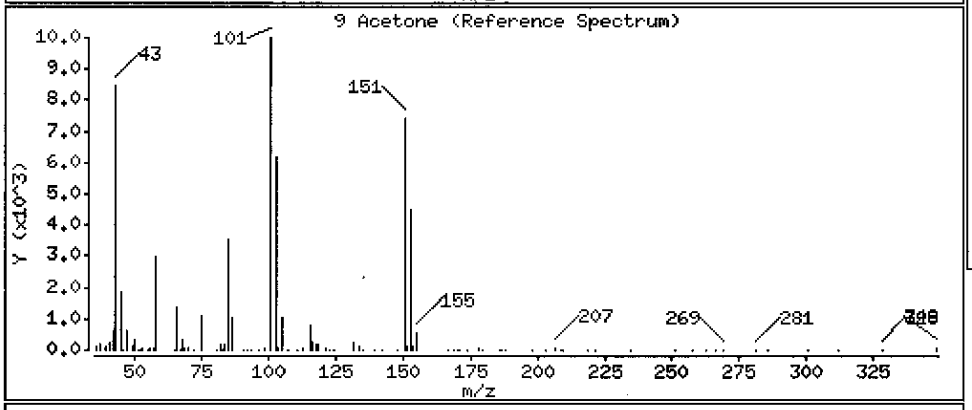
Concentration: 120 ug/Kg

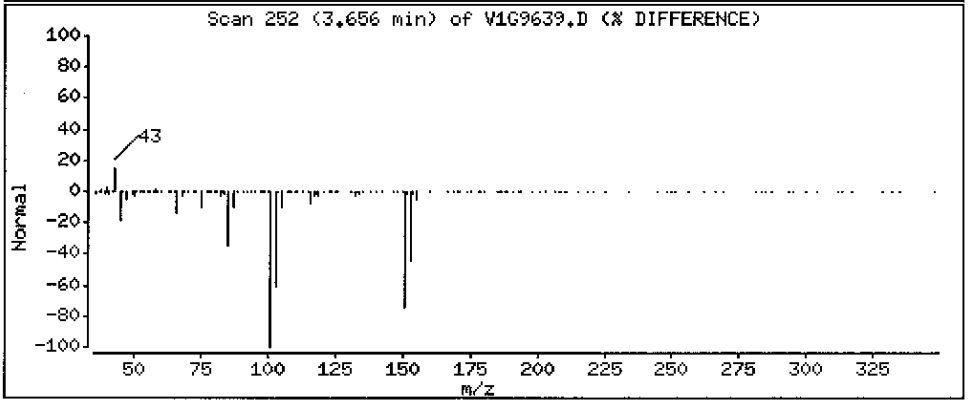












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9639.D

Date : 19-AUG-2005 16:04

Client ID: SD07-S-0

Instrument: V1.i

Sample Info: ,D0926-06C,,19568,

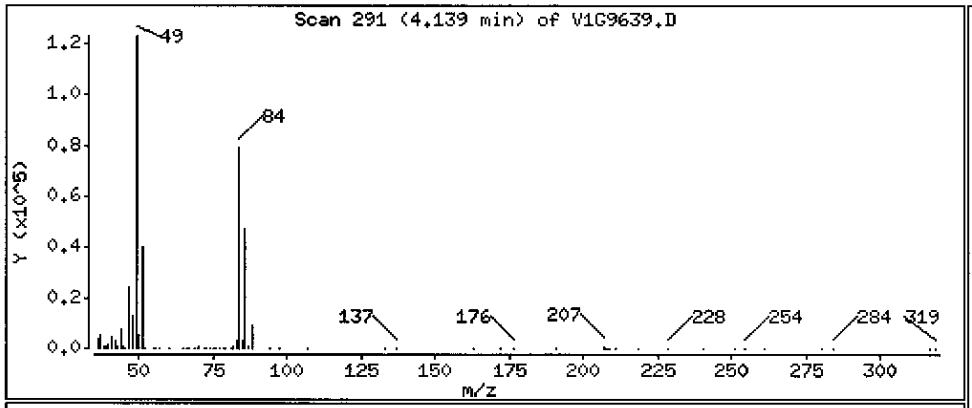
Operator: LG SRC: LIMS

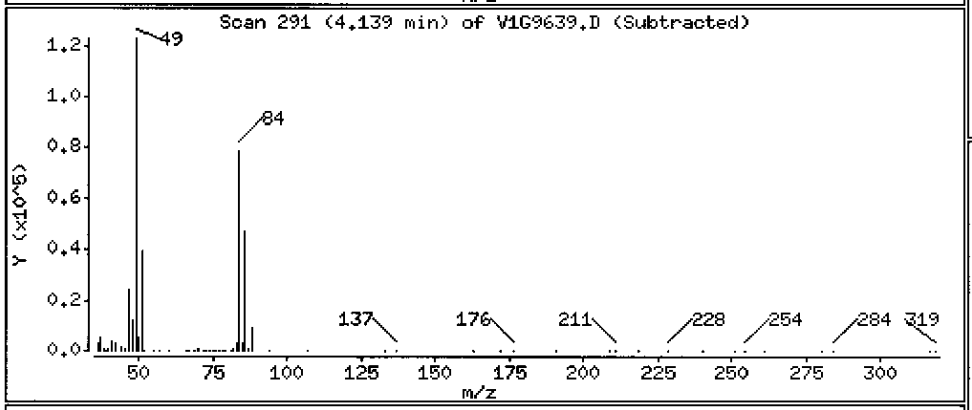
Column phase: DB-624

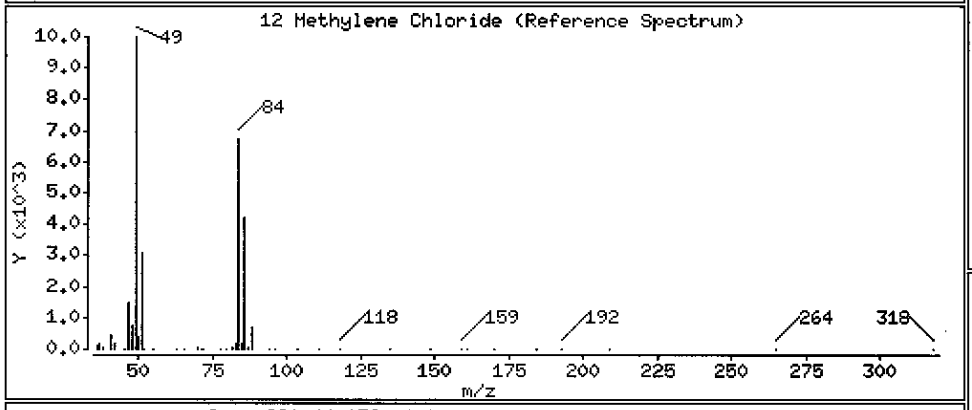
Column diameter: 0.25

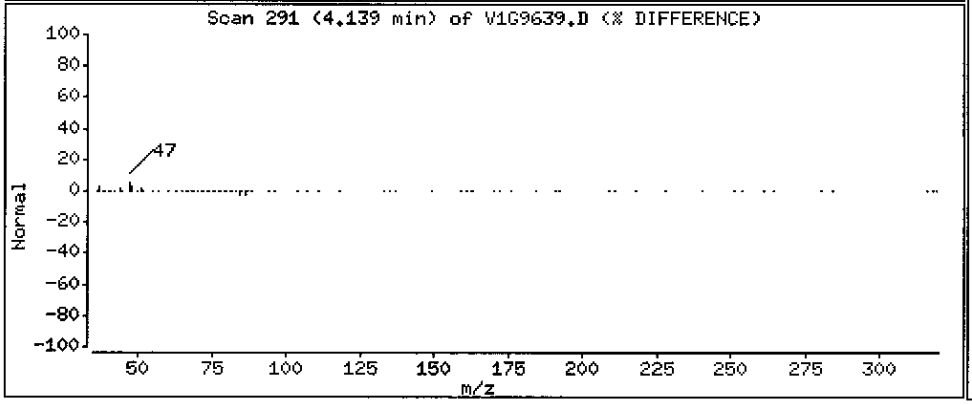
12 Methylene Chloride

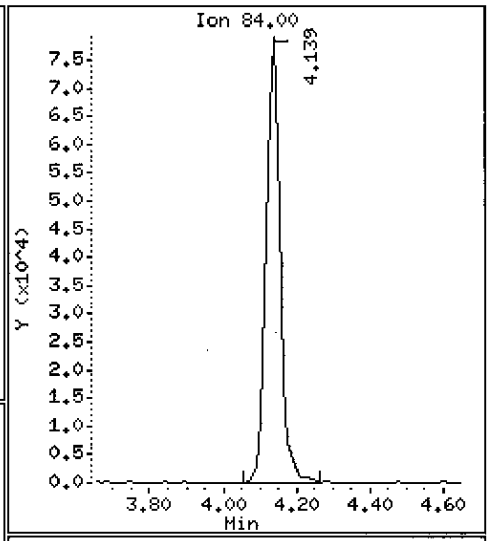
Concentration: 75 ug/Kg

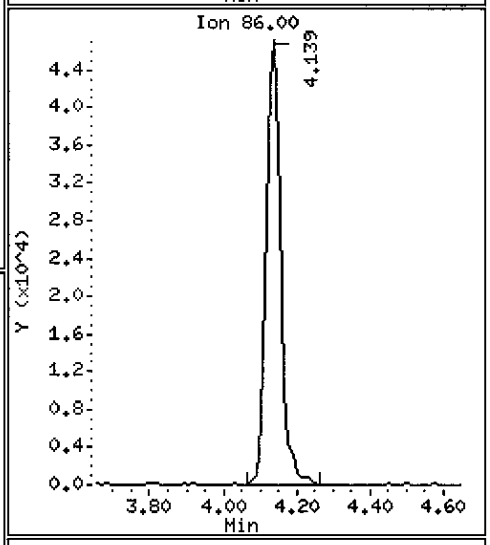


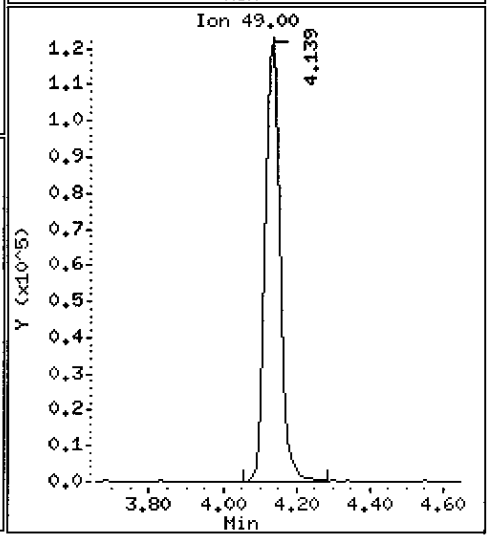












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9639.D

Date : 19-AUG-2005 16:04

Client ID: SD07-S-0

Instrument: V1.i

Sample Info: ,D0926-06C,,19568,

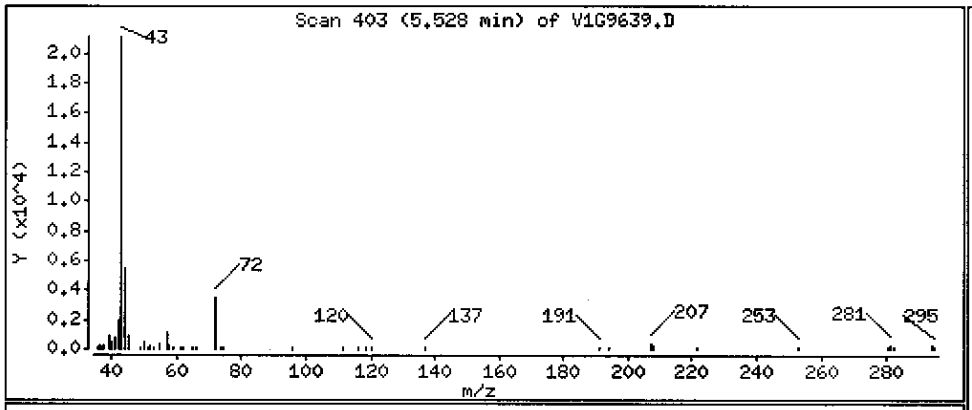
Operator: LG SRC: LIMS

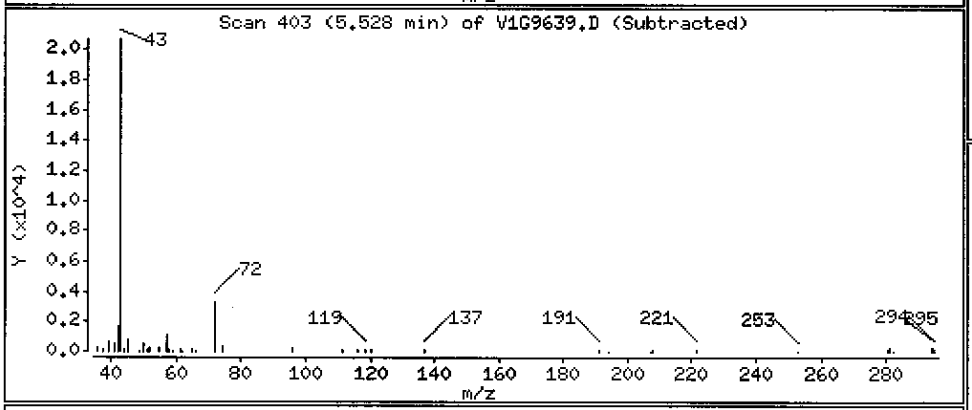
Column phase: DB-624

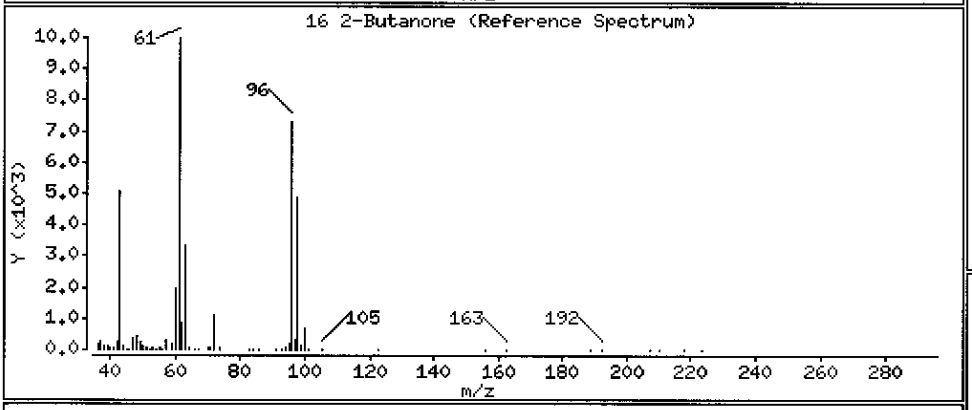
Column diameter: 0.25

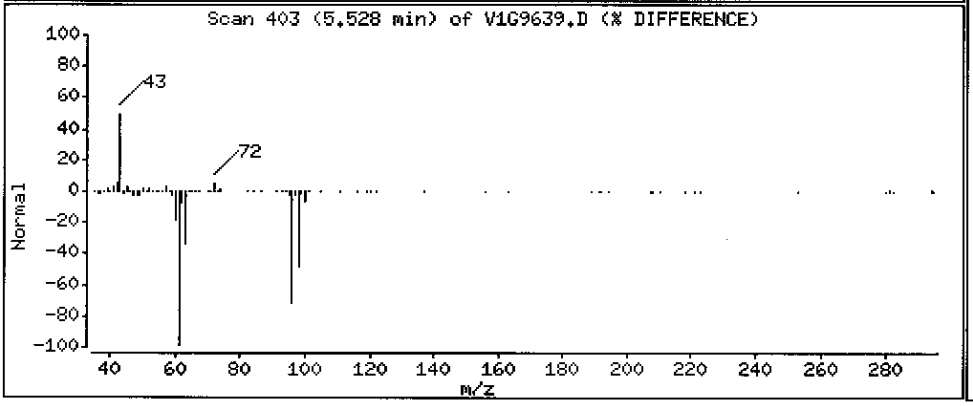
16 2-Butanone

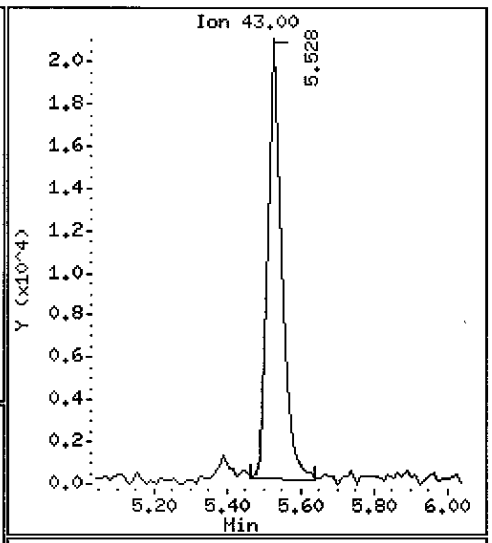
Concentration: 33 ug/Kg

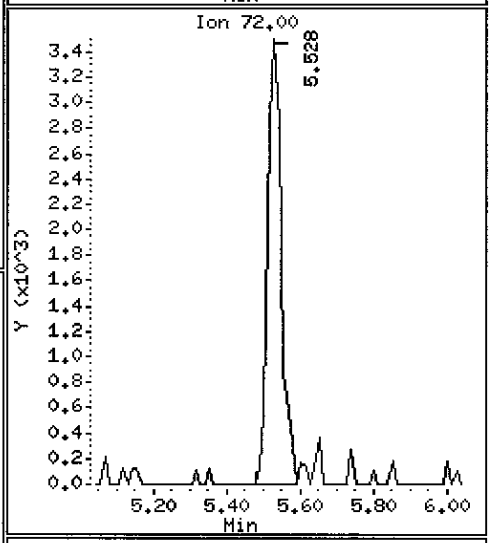


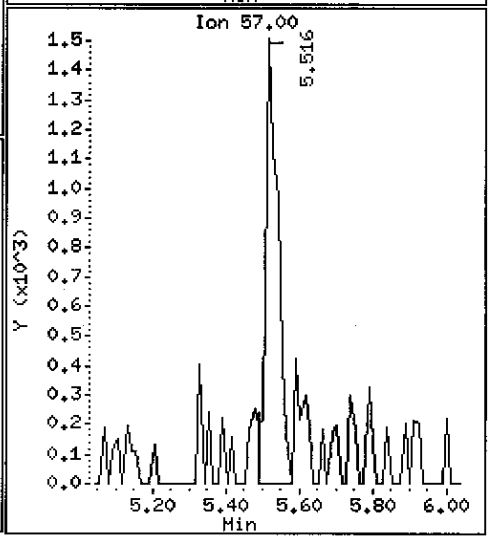












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9639.D

Date : 19-AUG-2005 16:04

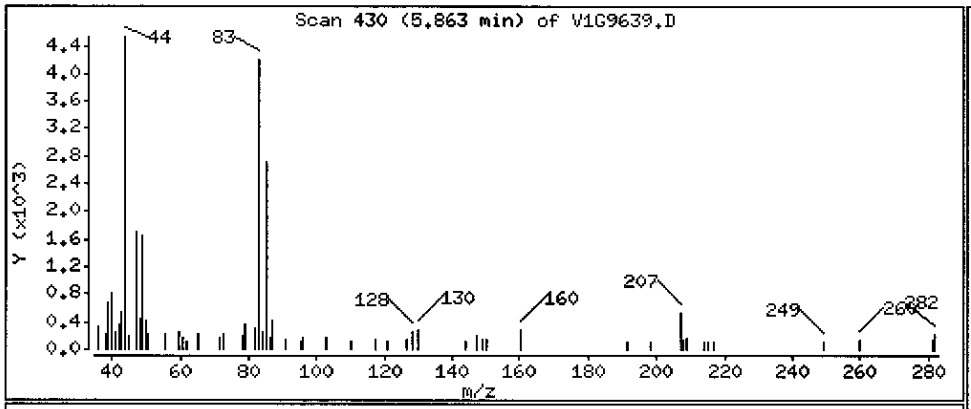
Client ID: SD07-S-0 Instrument: V1.i

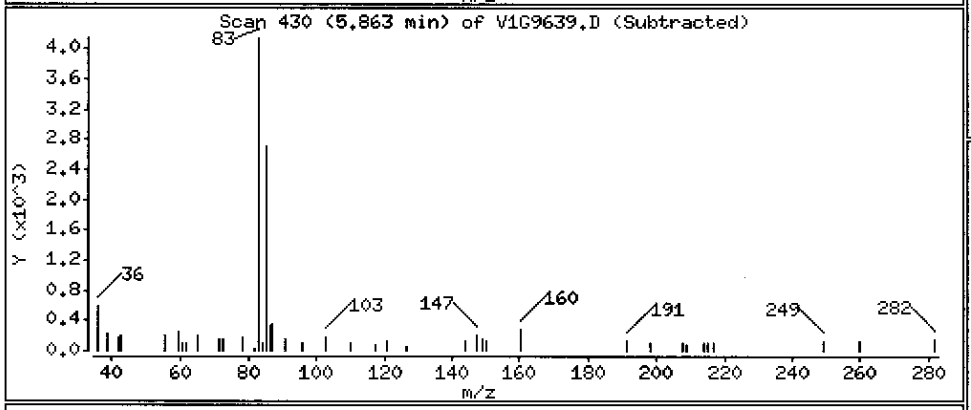
Sample Info: ,D0926-06C,,19568,

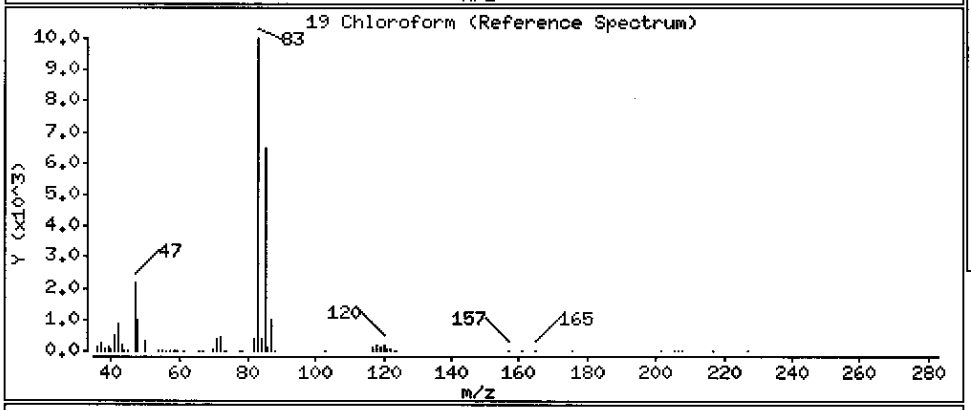
Operator: LG SRC: LIMS

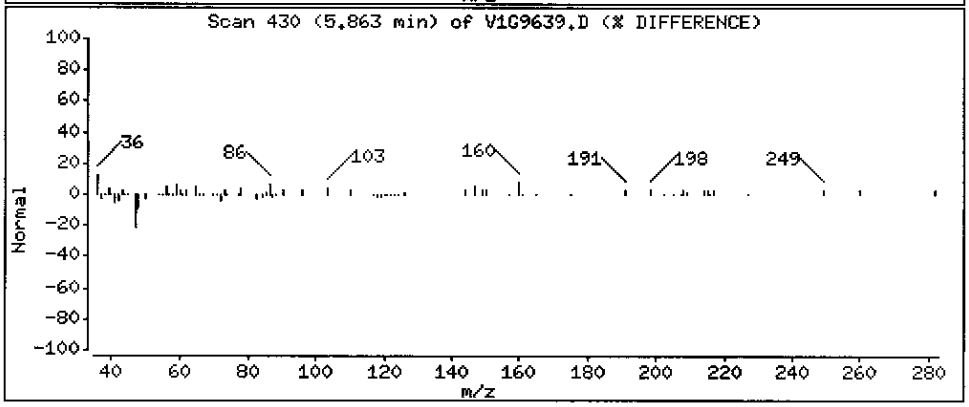
Column phase: DB-624 Column diameter: 0.25

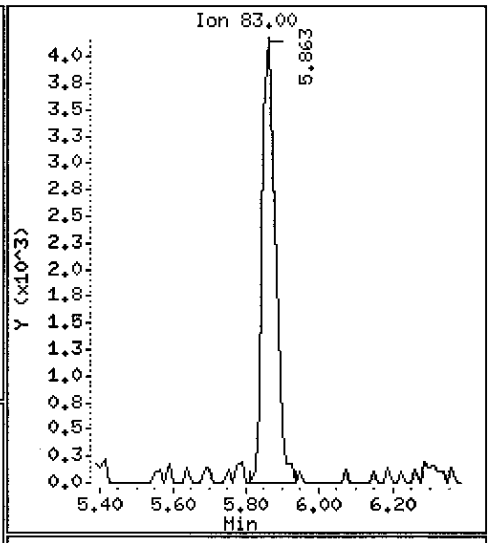
19 Chloroform Concentration: 2 ug/Kg

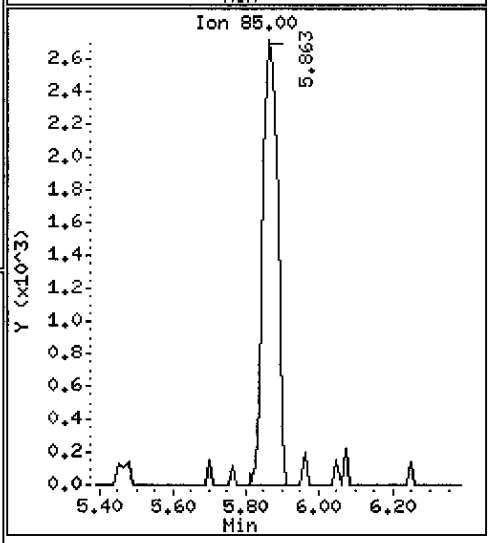












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9639.D

Date : 19-AUG-2005 16:04

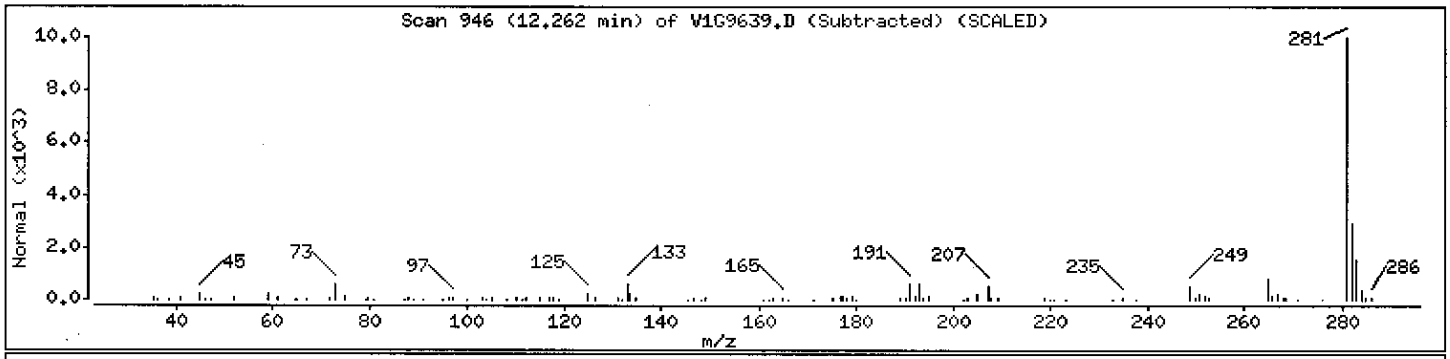
Client ID: SD07-S-0 Instrument: V1.i

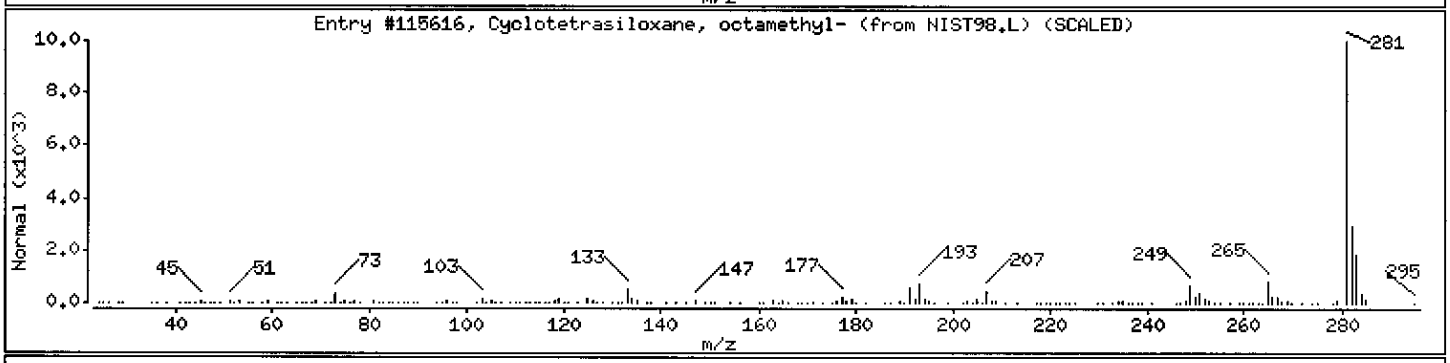
Sample Info: ,D0926-06C,,19568,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST98.L	115616	78	C8H24O4Si4	296





1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD08-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-11C

Sample wt/vol: 4.8 (g/mL) G Lab File ID: V1G9607

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 69 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	34	U
74-87-3	Chloromethane	34	U
75-01-4	Vinyl Chloride	34	U
74-83-9	Bromomethane	34	U
75-00-3	Chloroethane	34	U
75-69-4	Trichlorofluoromethane	34	U
75-35-4	1,1-Dichloroethene	34	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	34	U
67-64-1	Acetone	820	E
75-15-0	Carbon Disulfide	18	J
79-20-9	Methyl Acetate	34	U
75-09-2	Methylene Chloride	410	
156-60-5	trans-1,2-Dichloroethene	34	U
1634-04-4	Methyl tert-Butyl Ether	34	U
75-34-3	1,1-Dichloroethane	34	U
156-59-2	cis-1,2-Dichloroethene	34	U
78-93-3	2-Butanone	250	
67-66-3	Chloroform	11	J
71-55-6	1,1,1-Trichloroethane	34	U
110-82-7	Cyclohexane	34	U
56-23-5	Carbon Tetrachloride	34	U
71-43-2	Benzene	34	U
107-06-2	1,2-Dichloroethane	34	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD08-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-11C

Sample wt/vol: 4.8 (g/mL) G Lab File ID: V1G9607

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 69 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	34	U
108-87-2	Methylcyclohexane	34	U
78-87-5	1,2-Dichloropropane	34	U
75-27-4	Bromodichloromethane	34	U
10061-01-5	cis-1,3-Dichloropropene	34	U
108-10-1	4-Methyl-2-Pentanone	34	U
108-88-3	Toluene	34	U
10061-02-6	trans-1,3-Dichloropropene	34	U
79-00-5	1,1,2-Trichloroethane	34	U
127-18-4	Tetrachloroethene	34	U
591-78-6	2-Hexanone	34	U
124-48-1	Dibromochloromethane	34	U
106-93-4	1,2-Dibromoethane	34	U
108-90-7	Chlorobenzene	34	U
100-41-4	Ethylbenzene	34	U
1330-20-7	Xylene (Total)	34	U
100-42-5	Styrene	34	U
75-25-2	Bromoform	34	U
98-82-8	Isopropylbenzene	34	U
79-34-5	1,1,2,2-Tetrachloroethane	34	U
541-73-1	1,3-Dichlorobenzene	34	U
106-46-7	1,4-Dichlorobenzene	34	U
95-50-1	1,2-Dichlorobenzene	34	U
96-12-8	1,2-Dibromo-3-chloropropane	34	U
120-82-1	1,2,4-Trichlorobenzene	34	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD08-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-11C

Sample wt/vol: 4.8 (g/mL) G Lab File ID: V1G9607

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 69 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

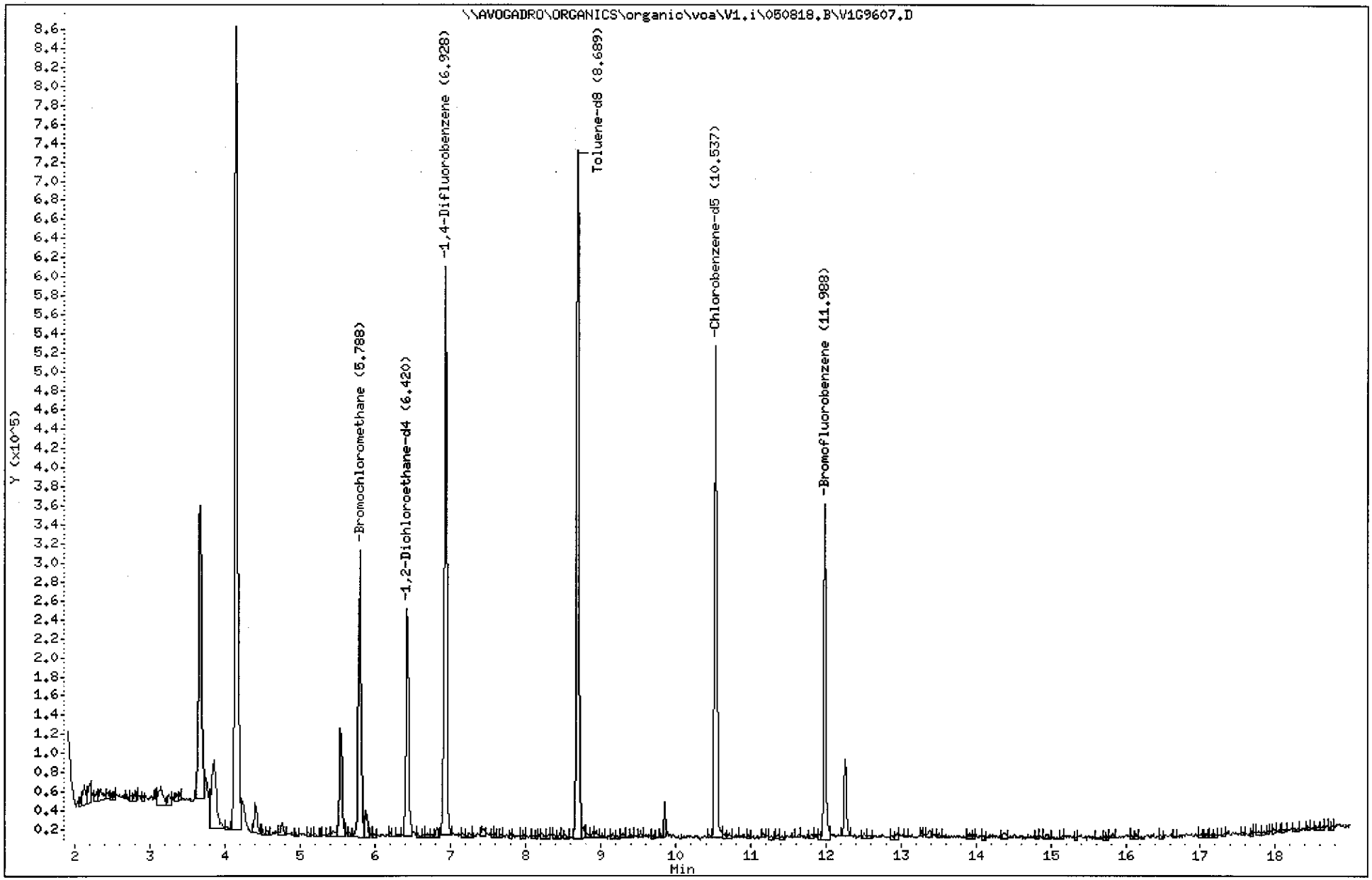
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	3.15	19	J
2.	UNKNOWN	3.84	77	J
3.	UNKNOWN	4.40	20	J
4. 556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.26	26	NJ
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9607.D
Date : 18-AUG-2005 19:58
Client ID: SD08-S-0
Sample Info: ,D0926-11C,,19555,

Column phase: DB-624

Instrument: V1.i

Operator: LC SRC: LIMS
Column diameter: 0.25



0252

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9607.D
Report Date: 22-Aug-2005 14:44

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9607.D
Lab Smp Id: D0926-11C Client Smp ID: SD08-S-O
Inj Date : 18-AUG-2005 19:58
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-11C,,19555,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D ✓
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	4.800	Weight of sample (g)
M	69.000	% Moisture (not decanted)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	9 Acetone	43	3.667	3.667	(0.634)	622586	244.323	820(A)
	10 Carbon Disulfide	76	3.865	3.866	(0.668)	69673	5.30972	18(a)
	12 Methylene Chloride	84	4.138	4.139	(0.715)	453519	123.081	410
	16 2-Butanone	43	5.527	5.527	(0.955)	211590	73.6285	250
*	18 Bromochloromethane	128	5.788	5.788	(1.000)	83787	50.0000	
	19 Chloroform	83	5.874	5.875	(1.015)	20555	3.15013	11(a)
$	23 1,2-Dichloroethane-d4	65	6.420	6.420	(1.109)	218551	51.2815	170
*	26 1,4-Difluorobenzene	114	6.928	6.929	(1.000)	535402	50.0000	
$	33 Toluene-d8	98	8.689	8.690	(0.825)	542765	56.0829	190
*	42 Chlorobenzene-d5	117	10.537	10.525	(1.000)	347980	50.0000	
$	50 Bromofluorobenzene	95	11.988	11.988	(1.138)	129174	33.1695	110

SB
8/22/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9607.D
Report Date: 22-Aug-2005 14:44

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9607.D
Report Date: 22-Aug-2005 14:44

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9607.D
Lab Smp Id: D0926-11C Client Smp ID: SD08-S-O
Inj Date : 18-AUG-2005 19:58
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-11C,,19555,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	4.800	Weight of sample (g)
M	69.000	% Moisture (not decanted)

ISTD	RT	AREA	AMOUNT
* 18 Bromochloromethane	5.788	742706	50.000
* 42 Chlorobenzene-d5	10.537	1190926	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
3.146	86099	5.79630432	19	0		0	18
Unknown				CAS #:			
3.841	340967	22.9543723	77	0		0	18

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9607.D
Report Date: 22-Aug-2005 14:44

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
4.399	88487	5.95706780	20	0		0	18
Cyclotetrasiloxane, octamethyl-				CAS #: 556-67-2			
12.261	184137	7.73083298	26	86	NIST98.L	115615	42

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9607.D

Date : 18-AUG-2005 19:58

Client ID: SD08-S-0

Instrument: V1.i

Sample Info: ,D0926-11C,,19555,

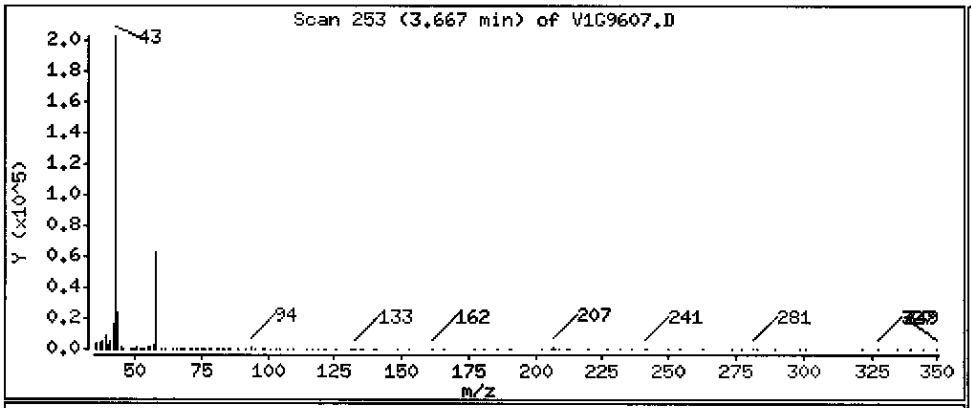
Operator: LG SRC: LIMS

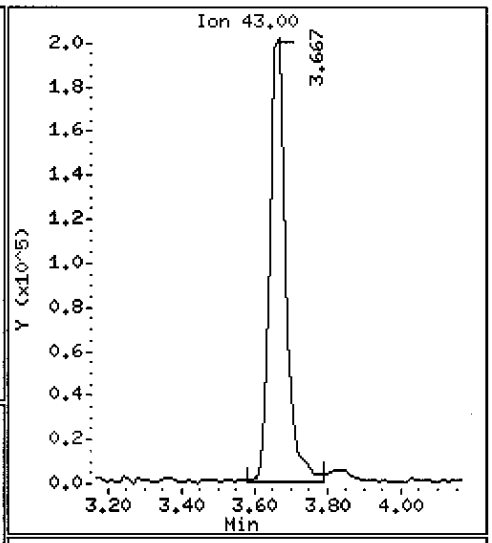
Column phase: DB-624

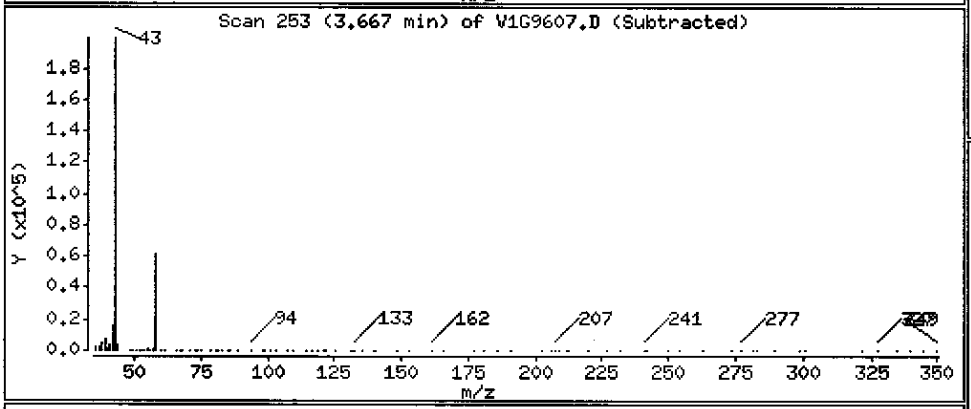
Column diameter: 0.25

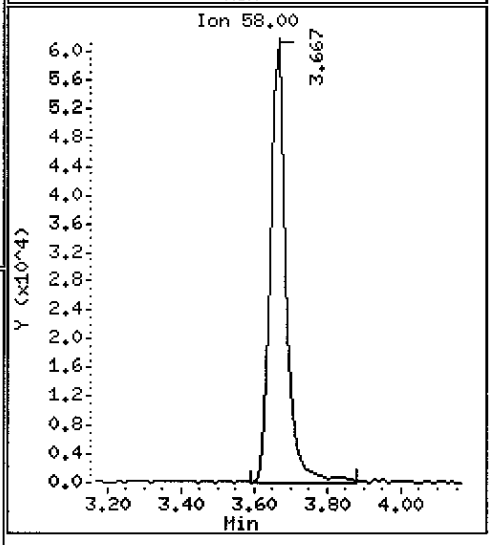
9 Acetone

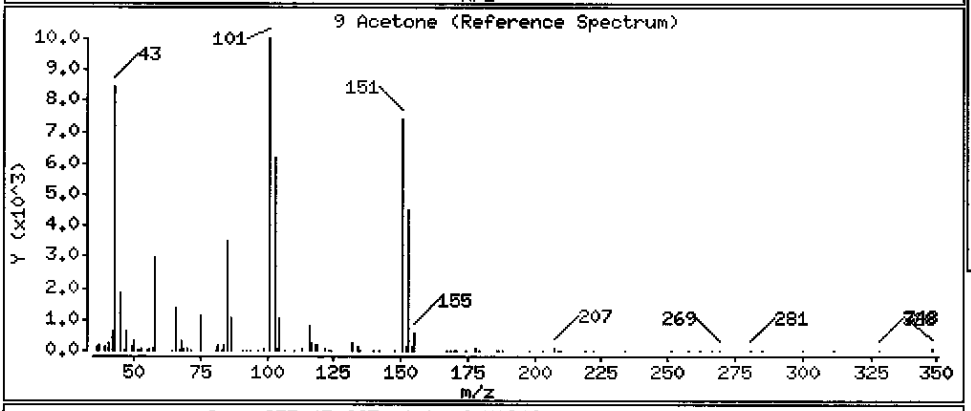
Concentration: 820 ug/Kg

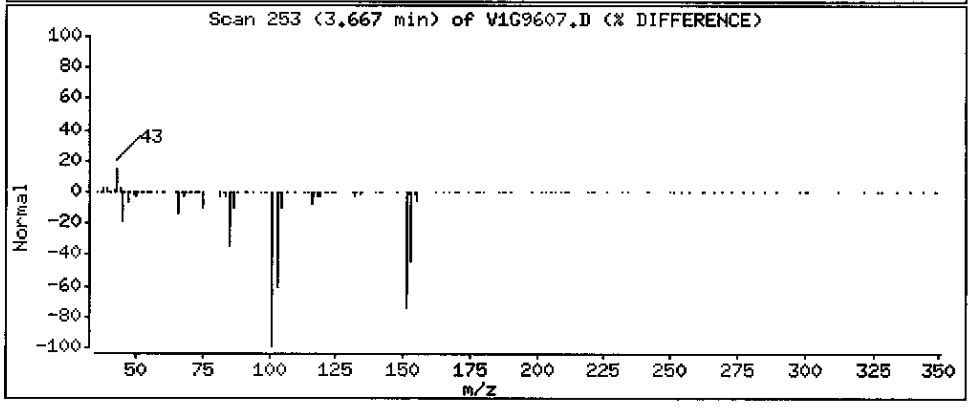












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9607.D

Date : 18-AUG-2005 19:58

Client ID: SD08-S-0

Instrument: V1.i

Sample Info: ,D0926-11C,,19555,

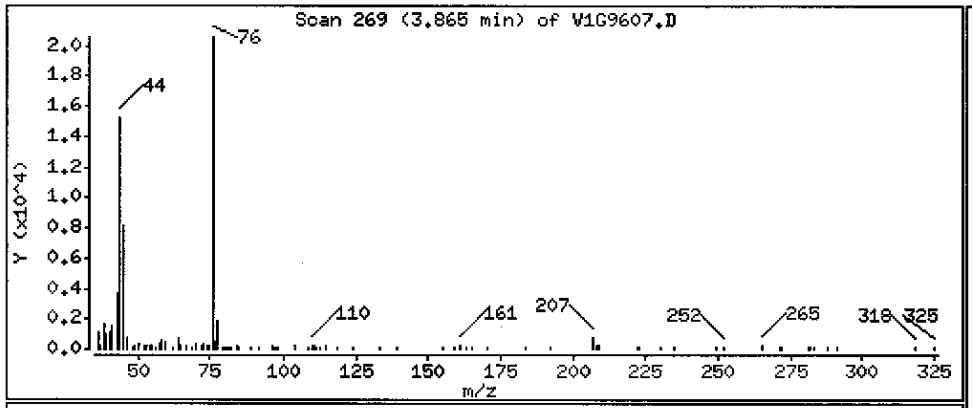
Operator: LG SRC: LIMS

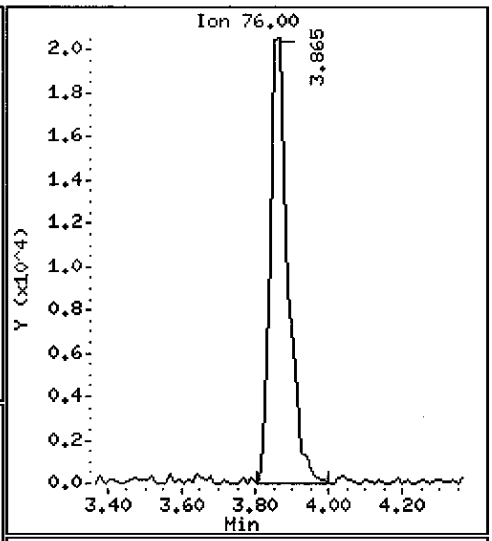
Column phase: DB-624

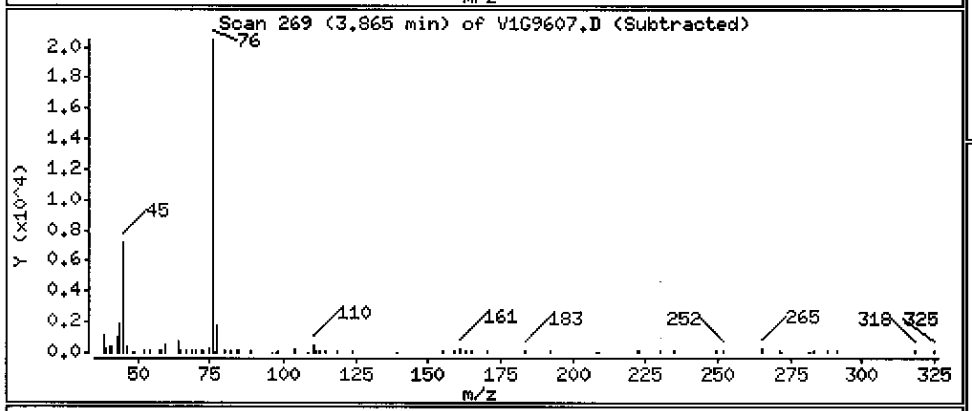
Column diameter: 0.25

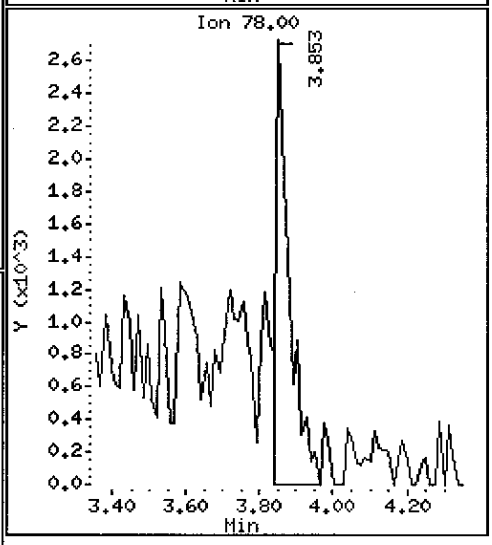
10 Carbon Disulfide

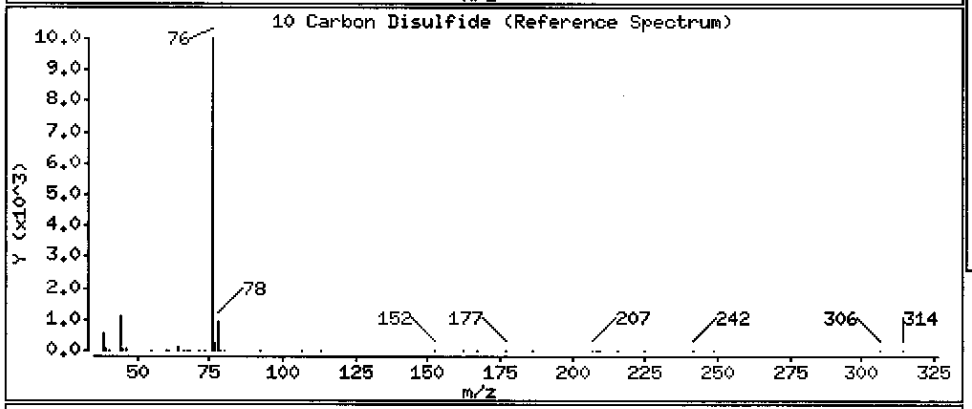
Concentration: 18 ug/Kg

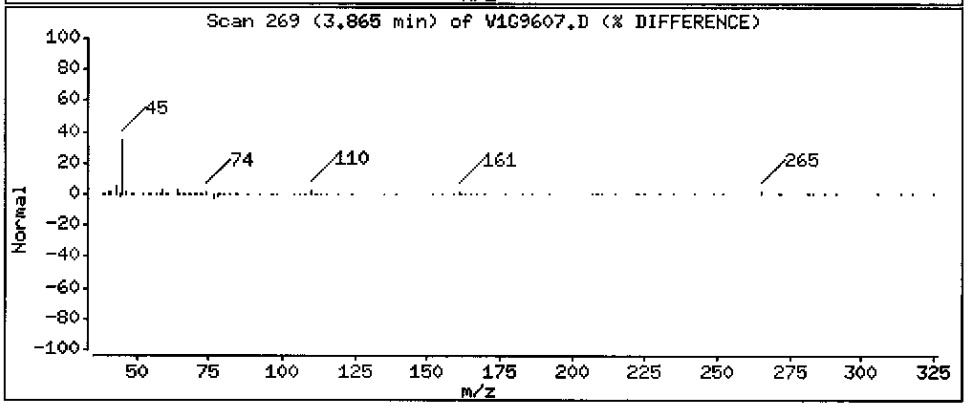












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9607.D

Date : 18-AUG-2005 19:58

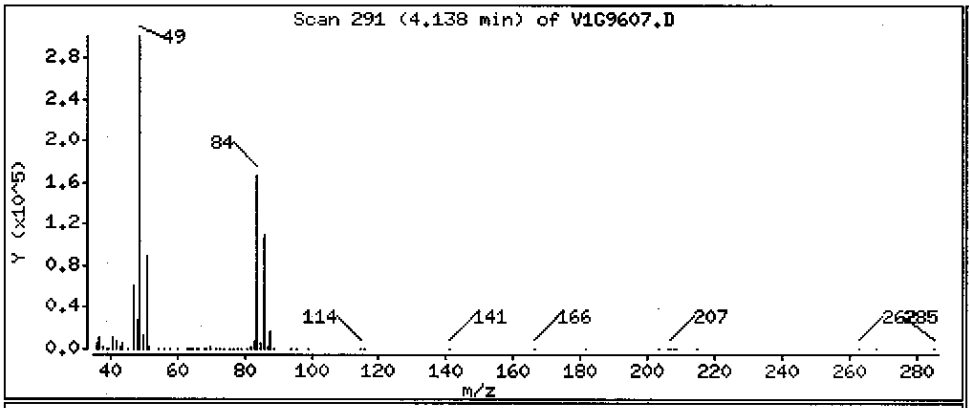
Client ID: SD08-S-0 Instrument: V1.i

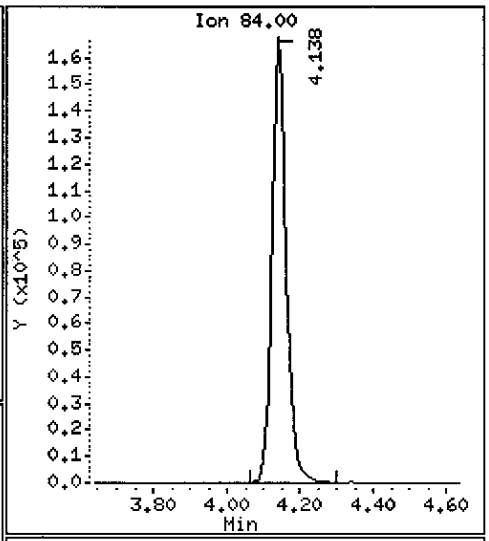
Sample Info: ,D0926-11C,,19555,

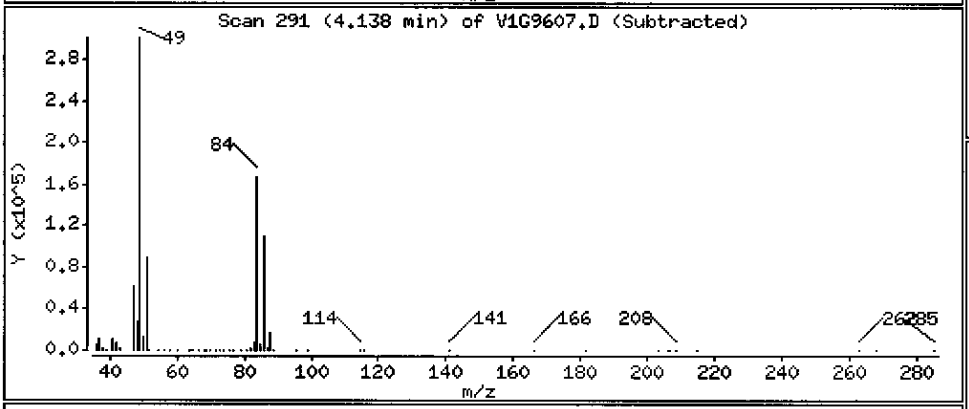
Operator: LG SRC: LIMS

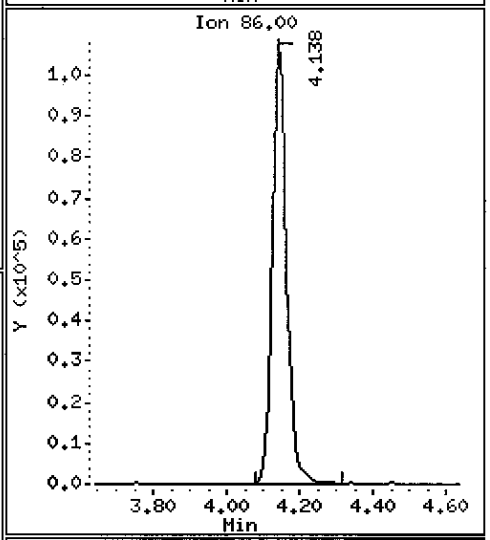
Column phase: DB-624 Column diameter: 0.25

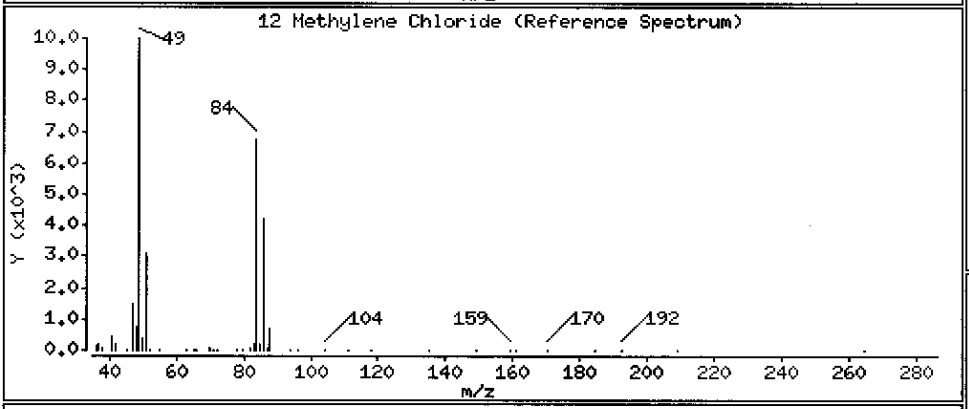
12 Methylene Chloride Concentration: 410 ug/Kg

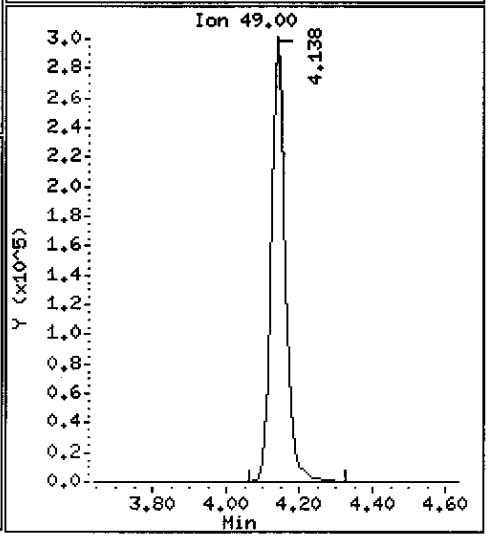


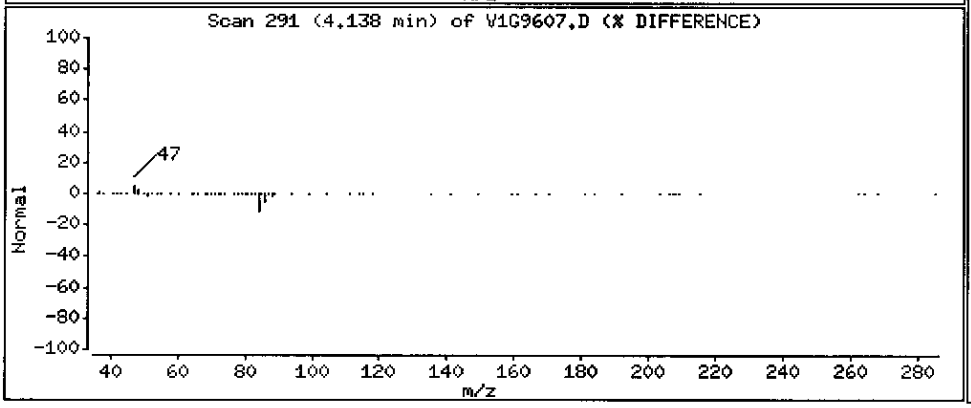












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9607.D

Date : 18-AUG-2005 19:58

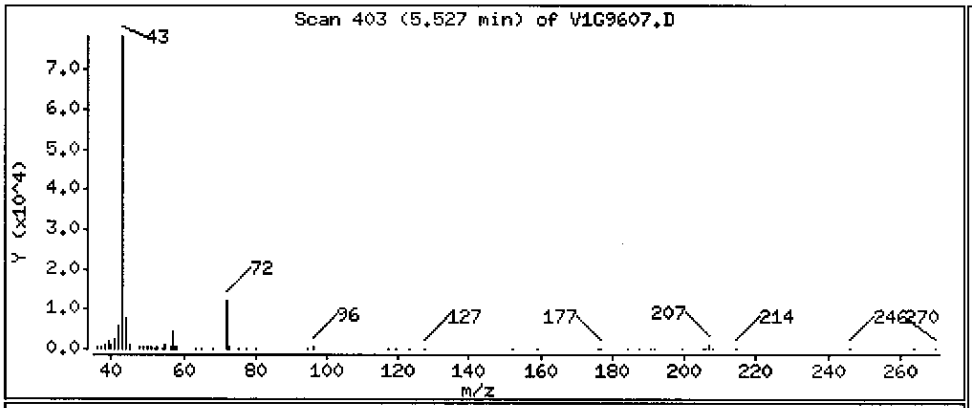
Client ID: SD08-S-0 Instrument: V1.i

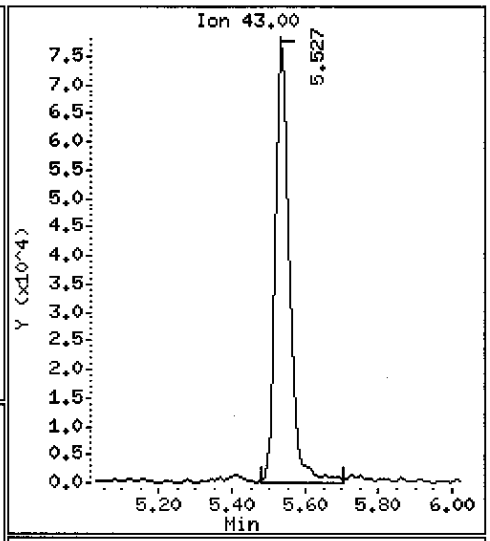
Sample Info: ,D0926-11C,,19555,

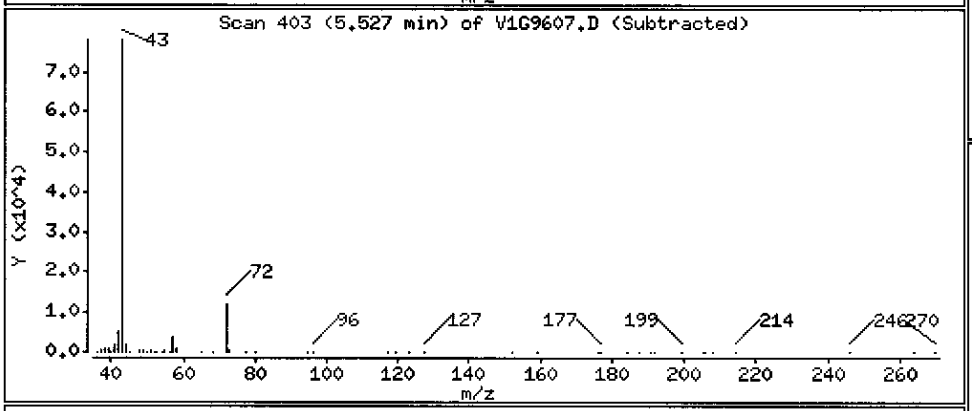
Operator: LG SRC: LIMS

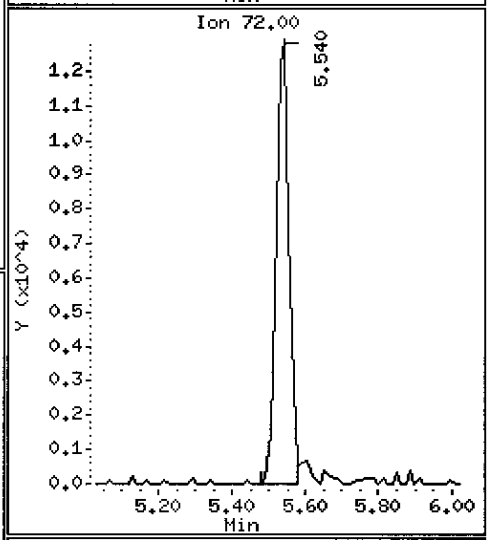
Column phase: DB-624 Column diameter: 0.25

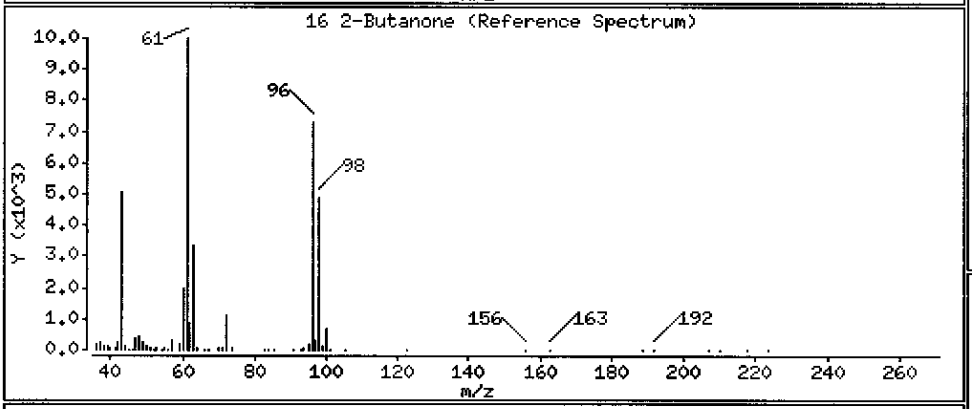
16 2-Butanone Concentration: 250 ug/Kg

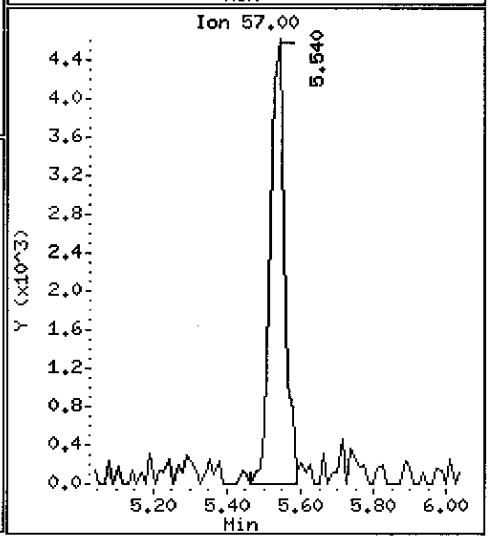


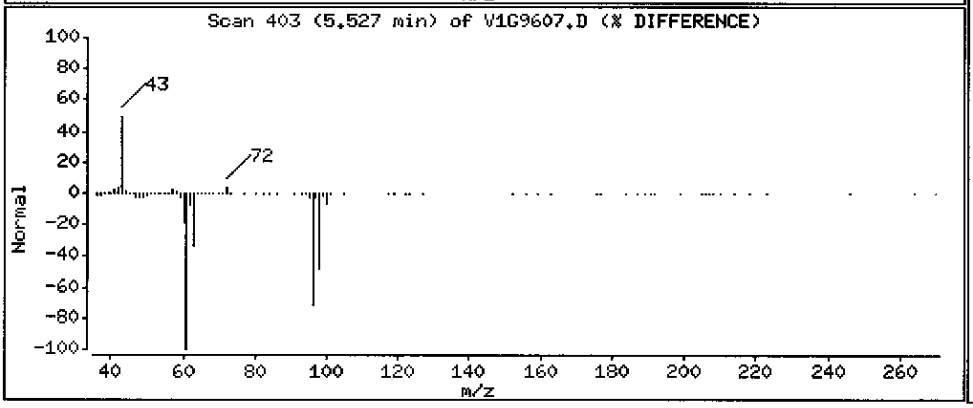












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9607.D

Date : 18-AUG-2005 19:58

Client ID: SD08-S-O

Instrument: V1.i

Sample Info: ,D0926-11C,,19555,

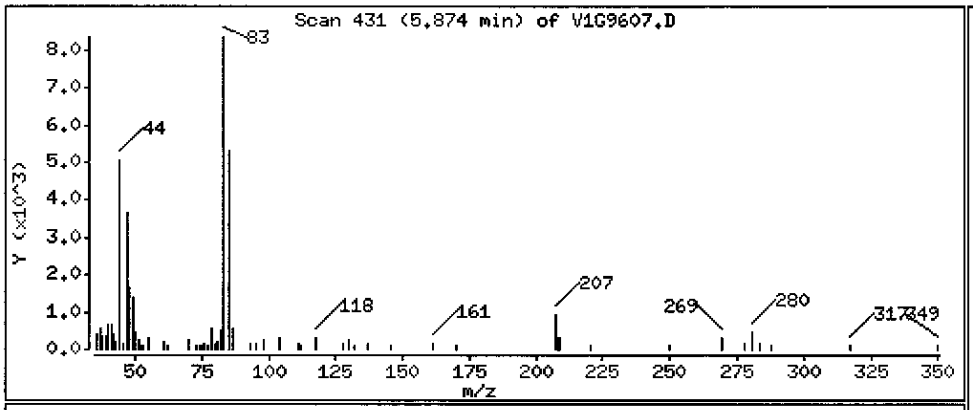
Operator: LG SRC: LIMS

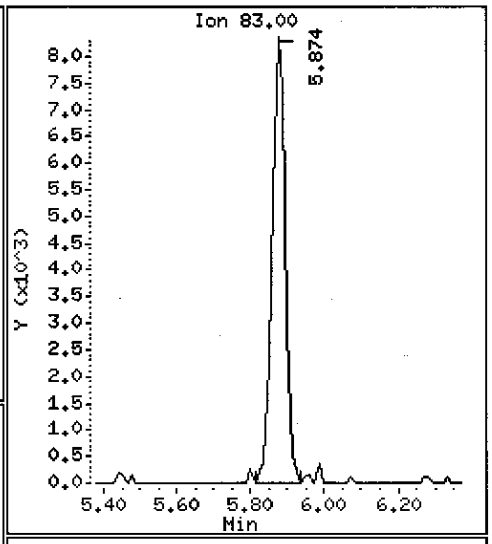
Column phase: DB-624

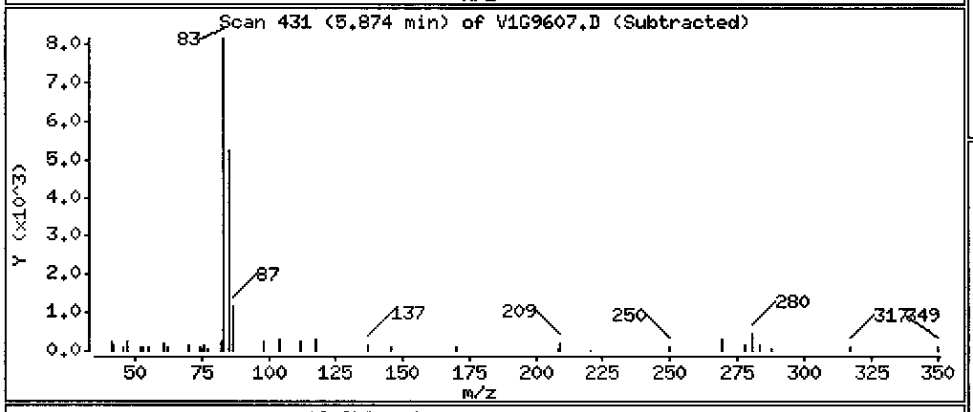
Column diameter: 0.25

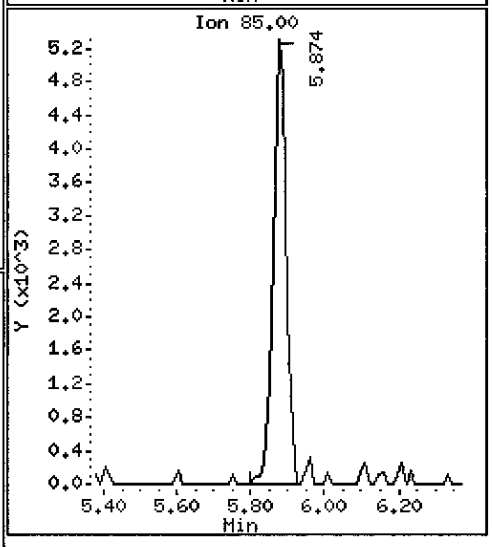
19 Chloroform

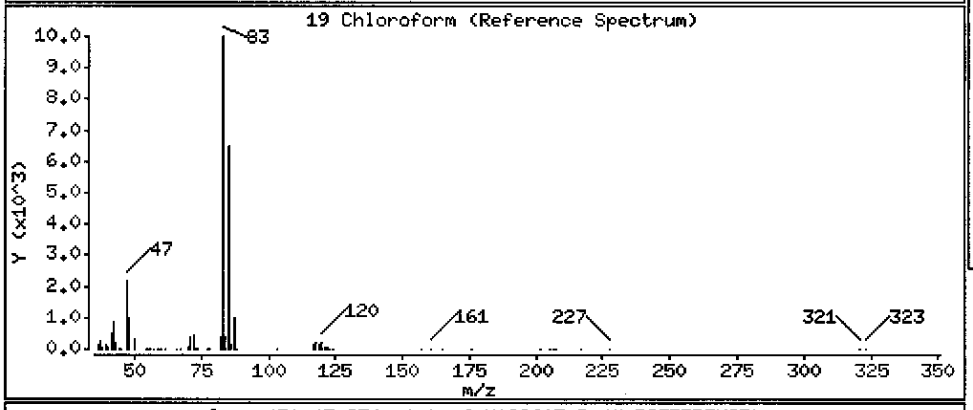
Concentration: 11 ug/Kg

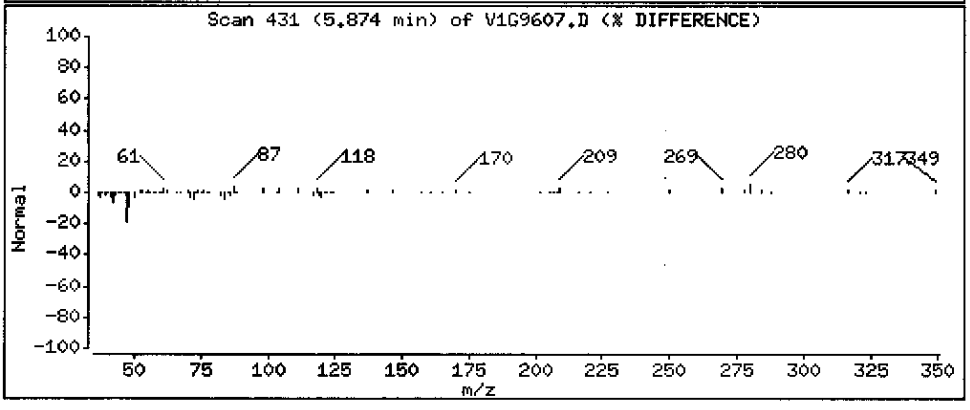












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9607.D

Date : 18-AUG-2005 19:58

Client ID: SD08-S-O

Instrument: V1.i

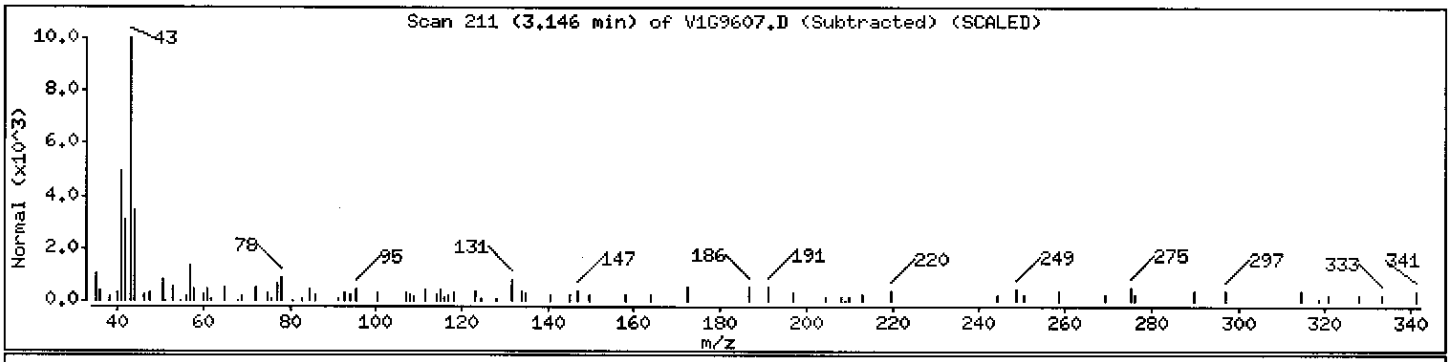
Sample Info: ,D0926-11C,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9607.D

Date : 18-AUG-2005 19:58

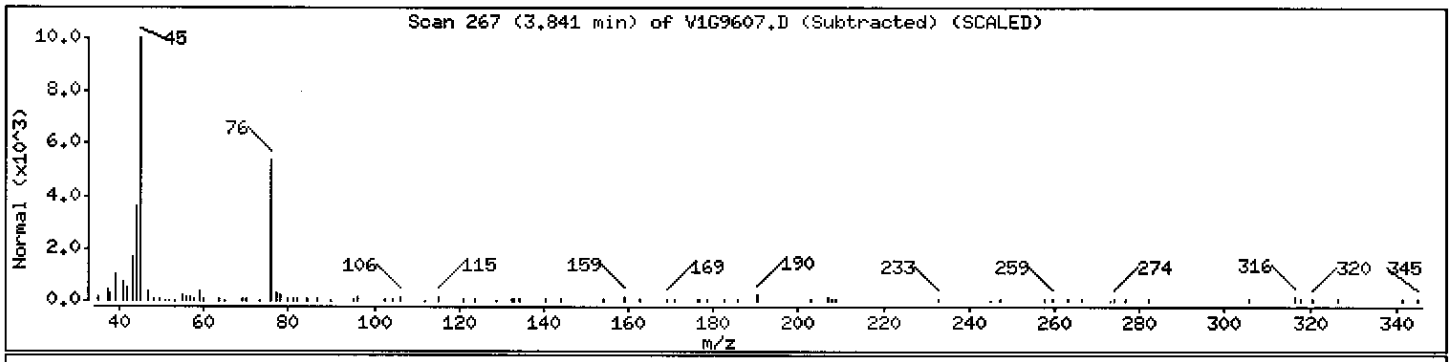
Client ID: SD08-S-0 Instrument: V1.i

Sample Info: ,D0926-11C,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9607.D

Date : 18-AUG-2005 19:58

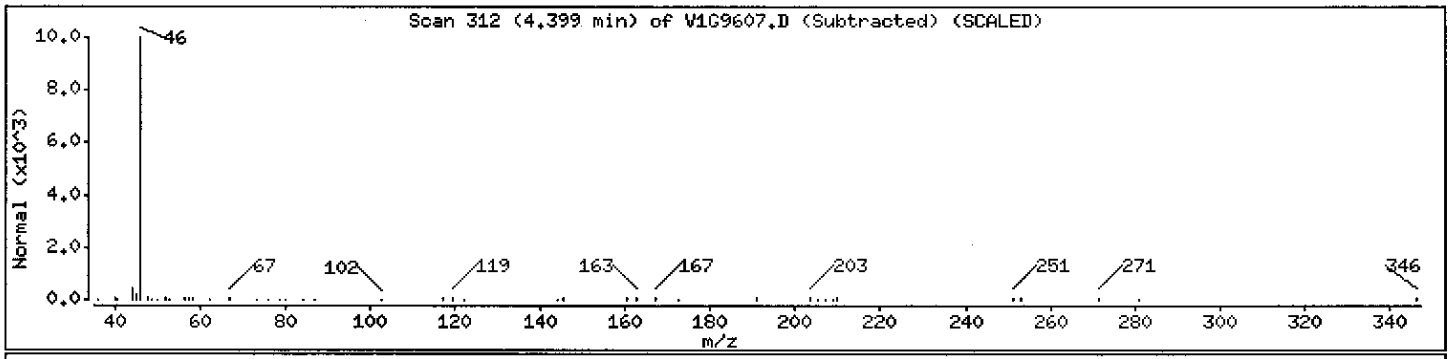
Client ID: SD08-S-0 Instrument: V1.i

Sample Info: ,D0926-11C,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9607.D

Date : 18-AUG-2005 19:58

Client ID: SD08-S-0 Instrument: V1.i

Sample Info: ,D0926-11C,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
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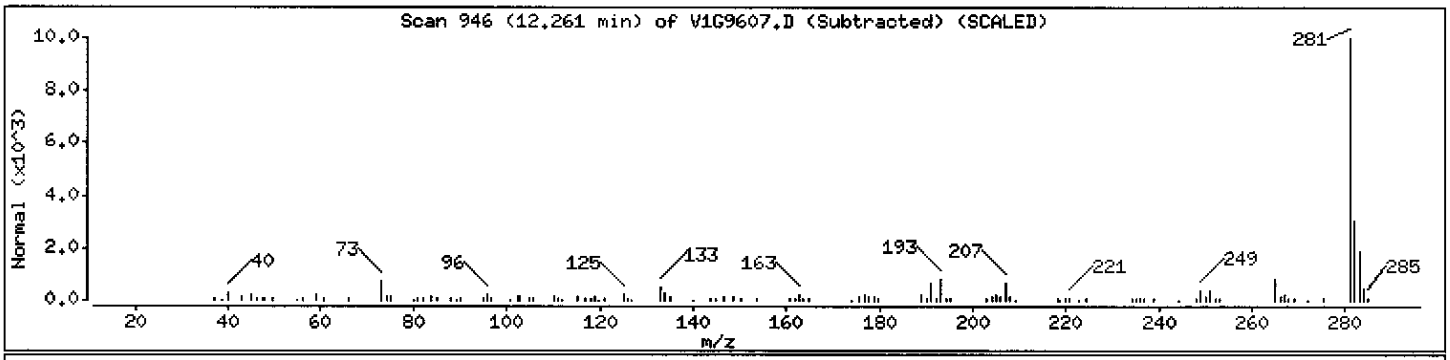
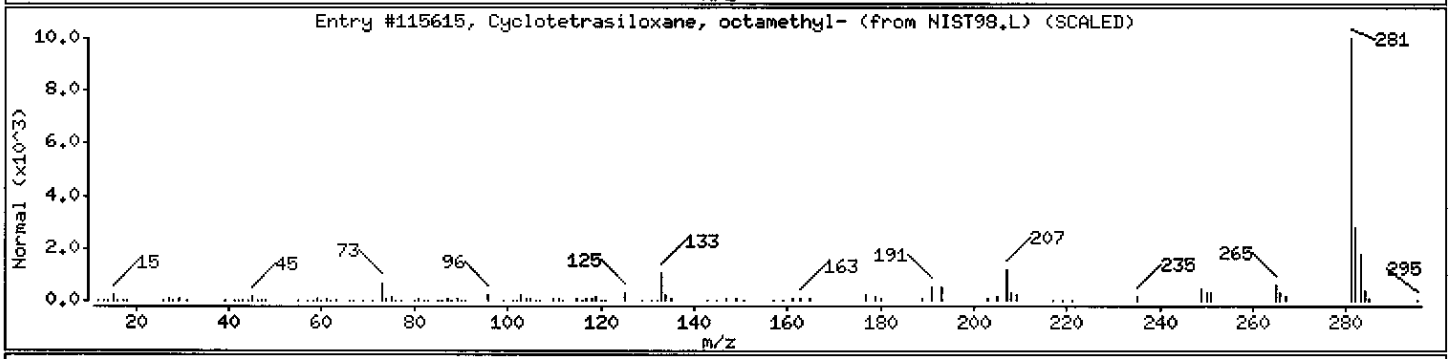




VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD08-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-11D

Sample wt/vol: 3.8 (g/mL) G Lab File ID: V6D7850

Level: (low/med) MED Date Received: 08/11/05

% Moisture: not dec. 69 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	5400	U
74-87-3	Chloromethane	5400	U
75-01-4	Vinyl Chloride	5400	U
74-83-9	Bromomethane	5400	U
75-00-3	Chloroethane	5400	U
75-69-4	Trichlorofluoromethane	5400	U
75-35-4	1,1-Dichloroethene	5400	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5400	U
67-64-1	Acetone	1400	DJ
75-15-0	Carbon Disulfide	5400	U
79-20-9	Methyl Acetate	7600	D
75-09-2	Methylene Chloride	3300	DJ
156-60-5	trans-1,2-Dichloroethene	5400	U
1634-04-4	Methyl tert-Butyl Ether	5400	U
75-34-3	1,1-Dichloroethane	5400	U
156-59-2	cis-1,2-Dichloroethene	5400	U
78-93-3	2-Butanone	5400	U
67-66-3	Chloroform	5400	U
71-55-6	1,1,1-Trichloroethane	5400	U
110-82-7	Cyclohexane	5400	U
56-23-5	Carbon Tetrachloride	5400	U
71-43-2	Benzene	5400	U
107-06-2	1,2-Dichloroethane	5400	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD08-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-11D

Sample wt/vol: 3.8 (g/mL) G Lab File ID: V6D7850

Level: (low/med) MED Date Received: 08/11/05

% Moisture: not dec. 69 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	5400	U
108-87-2	Methylcyclohexane	5400	U
78-87-5	1,2-Dichloropropane	5400	U
75-27-4	Bromodichloromethane	5400	U
10061-01-5	cis-1,3-Dichloropropene	5400	U
108-10-1	4-Methyl-2-Pentanone	5400	U
108-88-3	Toluene	5400	U
10061-02-6	trans-1,3-Dichloropropene	5400	U
79-00-5	1,1,2-Trichloroethane	5400	U
127-18-4	Tetrachloroethene	5400	U
591-78-6	2-Hexanone	5400	U
124-48-1	Dibromochloromethane	5400	U
106-93-4	1,2-Dibromoethane	5400	U
108-90-7	Chlorobenzene	5400	U
100-41-4	Ethylbenzene	5400	U
1330-20-7	Xylene (Total)	5400	U
100-42-5	Styrene	5400	U
75-25-2	Bromoform	5400	U
98-82-8	Isopropylbenzene	5400	U
79-34-5	1,1,2,2-Tetrachloroethane	5400	U
541-73-1	1,3-Dichlorobenzene	5400	U
106-46-7	1,4-Dichlorobenzene	5400	U
95-50-1	1,2-Dichlorobenzene	5400	U
96-12-8	1,2-Dibromo-3-chloropropane	5400	U
120-82-1	1,2,4-Trichlorobenzene	5400	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD08-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-11D

Sample wt/vol: 3.8 (g/mL) G Lab File ID: V6D7850

Level: (low/med) MED Date Received: 08/11/05

% Moisture: not dec. 69 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

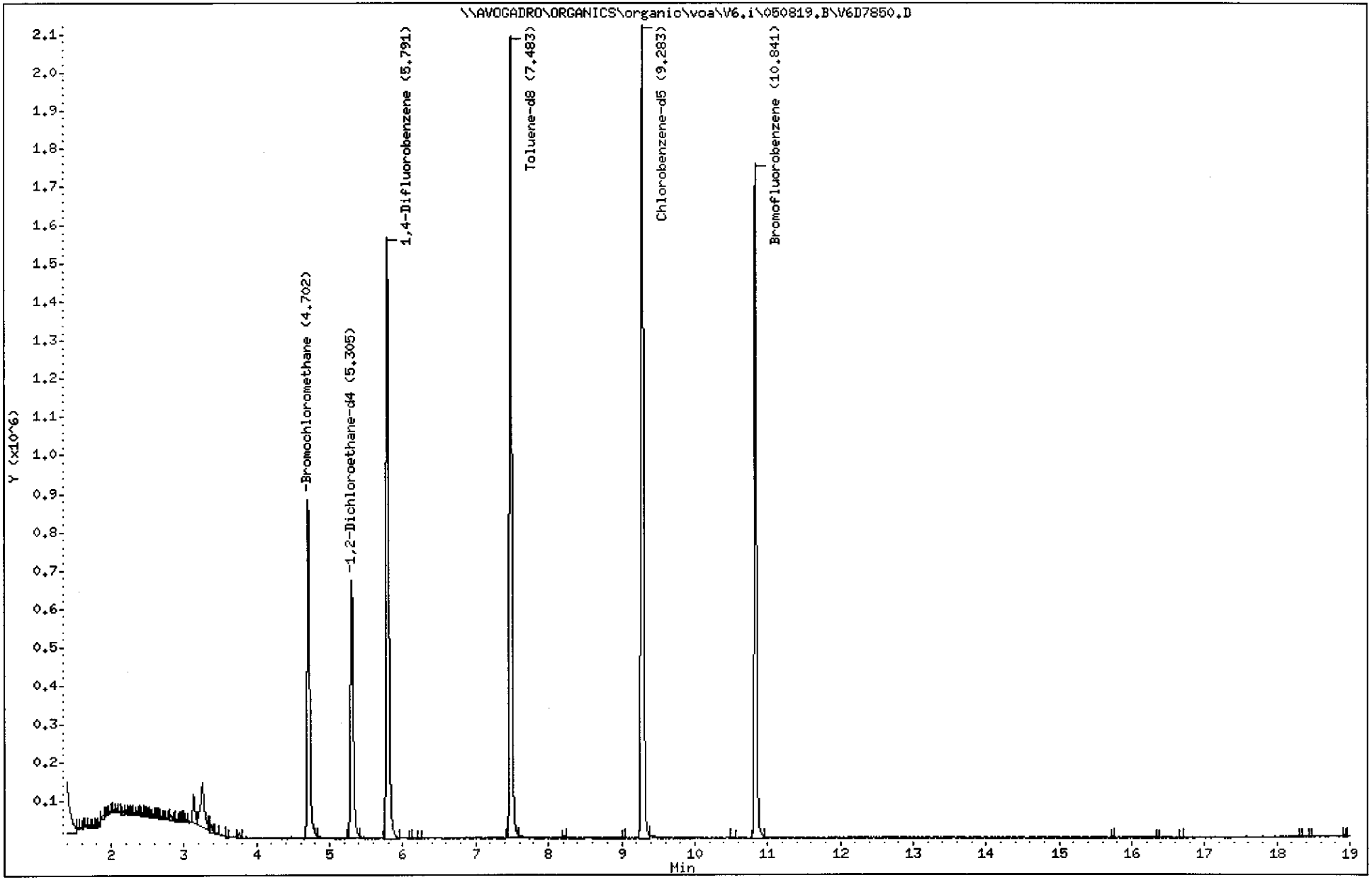
	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7850.D
Date : 19-AUG-2005 17:19
Client ID: SD08-S-ODL
Sample Info: ,D0926-11D,,19570

Instrument: V6.i

Operator: SB SRC: LIMS
Column diameter: 0.25

Column phase: DB-624



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Report Date: 23-Aug-2005 14:49

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7850.D
Lab Smp Id: D0926-11D Client Smp ID: SD08-S-ODL
Inj Date : 19-AUG-2005 17:19
Operator : SB SRC: LIMS Inst ID: V6.i
Smp Info : ,D0926-11D,,19570
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\v6clp4s.m
Meth Date : 23-Aug-2005 14:45 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 11:14 Cal File: V6D7841.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula:
Amt * DF * Uf * ((Vt+(Ws*M *10)) * 5)/(Va * Ws * ((100-M)/100))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	3.800	Weight of sample extracted (g)
M	69.000	% Moisture (not decanted)
Vt	10000.000	Methanol extract volume (uL)
Va	100.000	Aliquot of methanol (uL)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	9 Acetone	43	2.823	2.816	(0.600)	11982	2.61066	1400(a)
	11 Methyl Acetate	43	3.133	3.133	(0.666)	118553	14.1652	7600
	12 Methylene Chloride	84	3.255	3.261	(0.692)	89583	6.17172	3300(aQ)
*	18 Bromochloromethane	128	4.702	4.708	(1.000)	274257	50.0000	
$	23 1,2-Dichloroethane-d4	65	5.305	5.305	(1.128)	571224	47.8792	26000
*	26 1,4-Difluorobenzene	114	5.791	5.791	(1.000)	1559505	50.0000	
$	33 Toluene-d8	98	7.483	7.482	(0.806)	1759169	49.6492	27000
*	42 Chlorobenzene-d5	117	9.283	9.289	(1.000)	1490965	50.0000	
$	50 Bromofluorobenzene	95	10.841	10.841	(1.168)	707666	46.7872	25000

SB 8/23/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7850.D
Report Date: 23-Aug-2005 14:49

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7850.D
Report Date: 23-Aug-2005 14:49

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7850.D
Lab Smp Id: D0926-11D Client Smp ID: SD08-S-ODL
Inj Date : 19-AUG-2005 17:19
Operator : SB SRC: LIMS Inst ID: V6.i
Smp Info : ,D0926-11D,,19570
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\v6clp4s.m
Meth Date : 23-Aug-2005 14:45 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 11:14 Cal File: V6D7841.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7850.D

Date : 19-AUG-2005 17:19

Client ID: SD08-S-ODL

Instrument: V6.i

Sample Info: ,D0926-11D,,19570

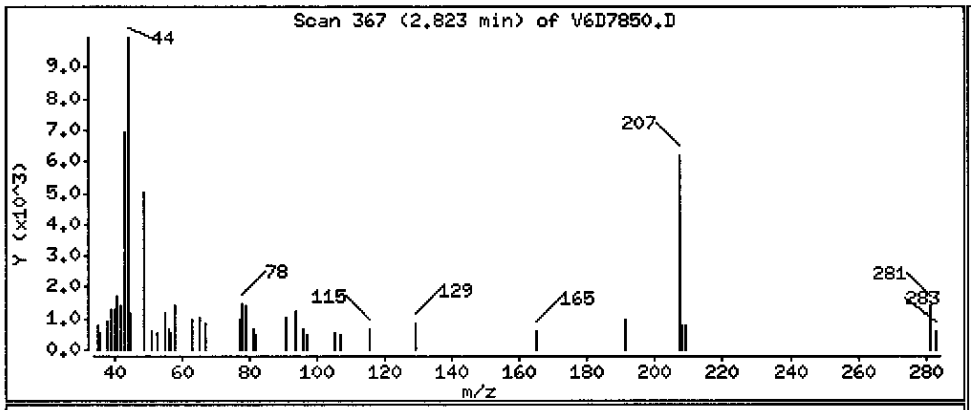
Operator: SB SRC: LIMS

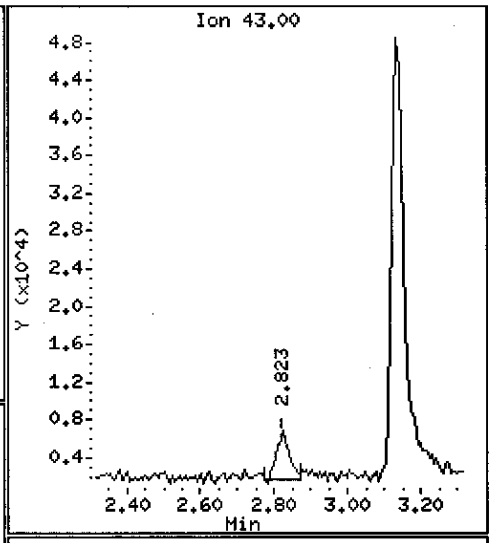
Column phase: DB-624

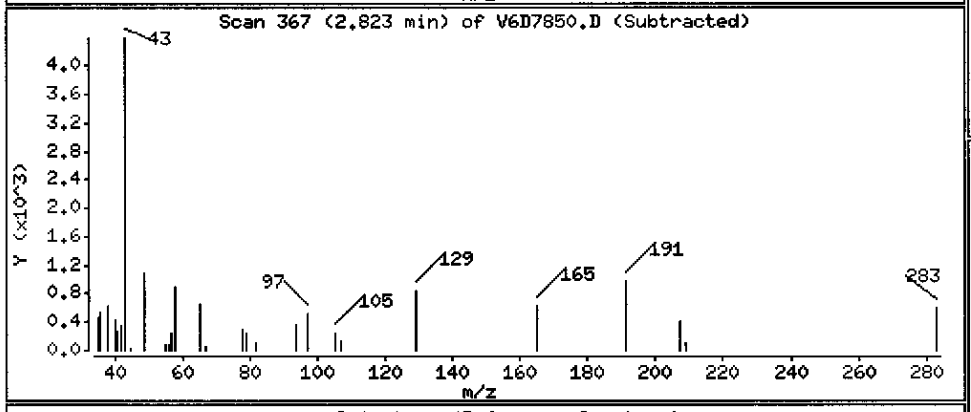
Column diameter: 0.25

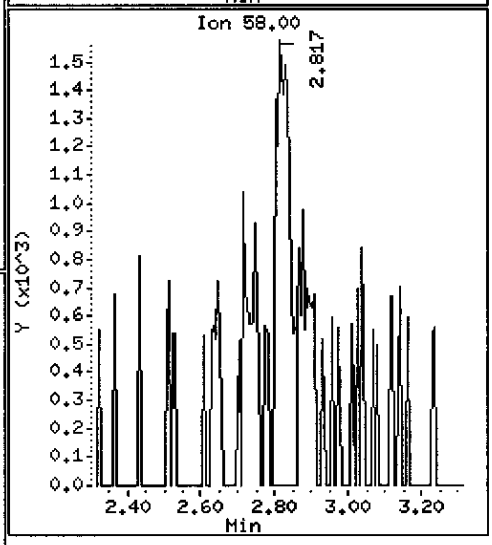
9 Acetone

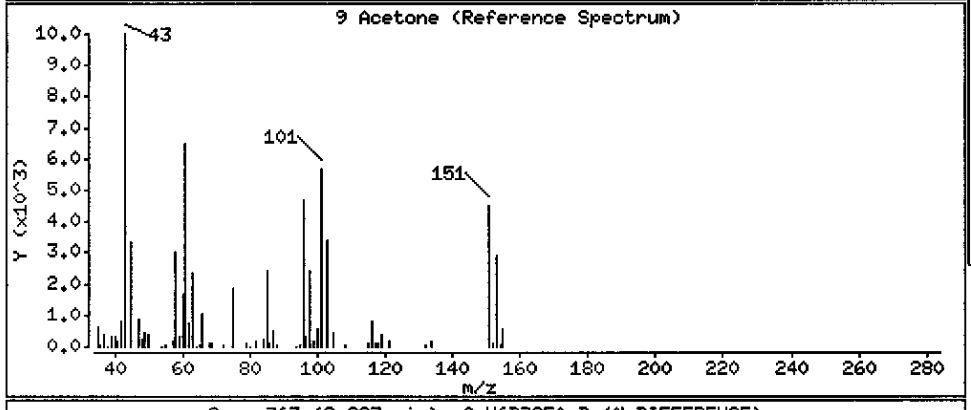
Concentration: 1400 ug/Kg

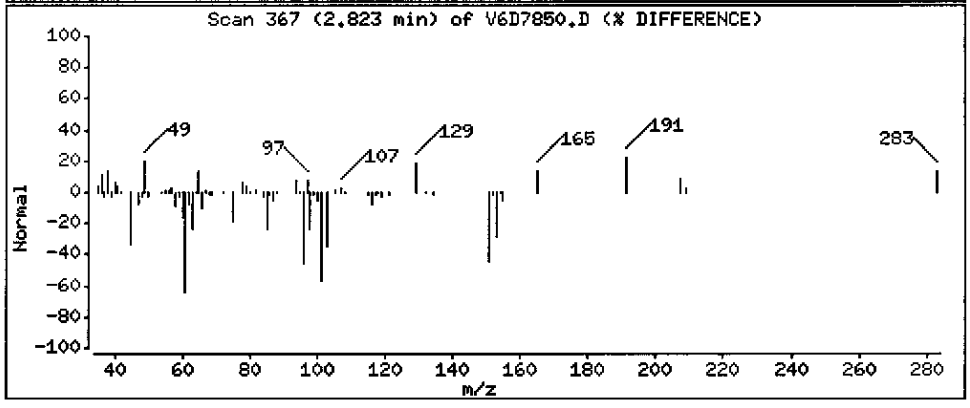












Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7850.D

Date : 19-AUG-2005 17:19

Client ID: SD08-S-ODL

Instrument: V6.i

Sample Info: ,D0926-11D,,19570

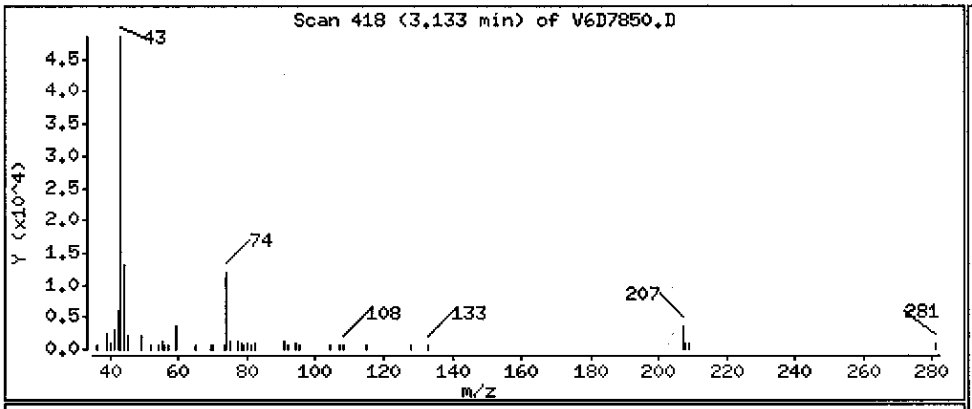
Operator: SB SRC: LIMS

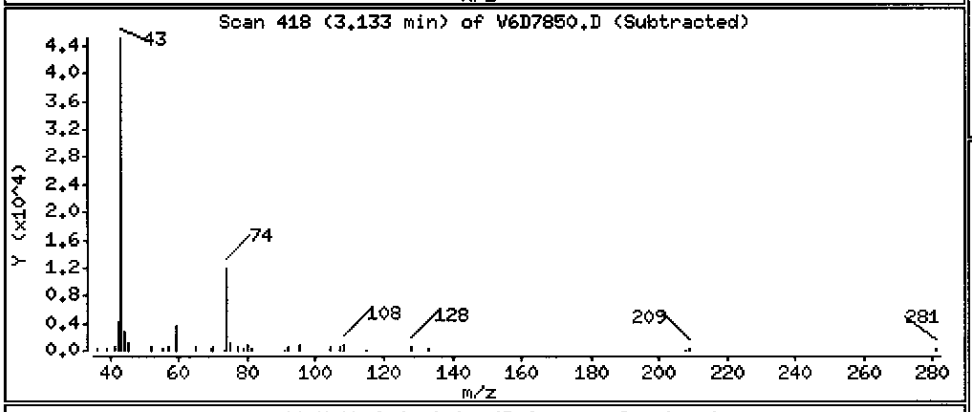
Column phase: DB-624

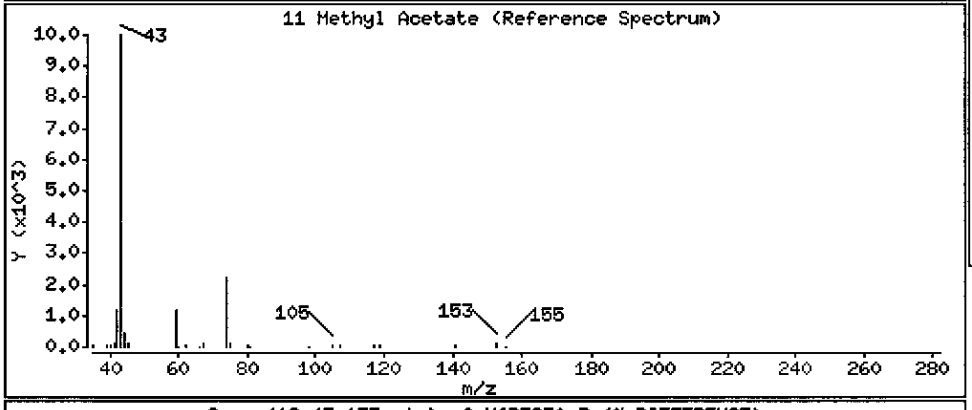
Column diameter: 0.25

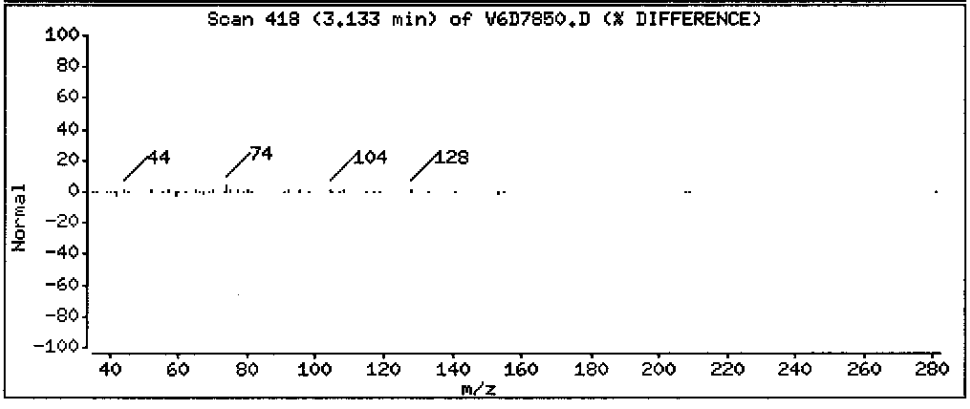
11 Methyl Acetate

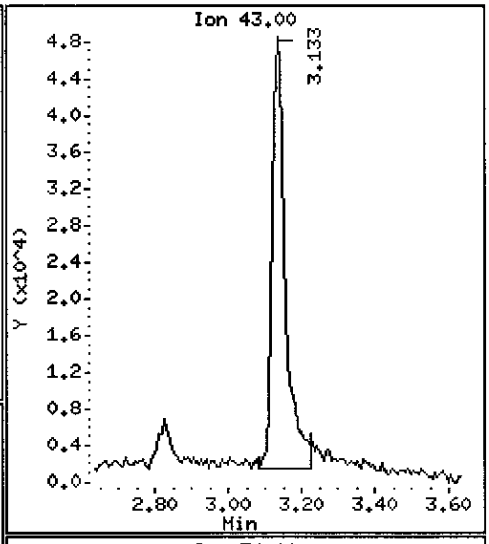
Concentration: 7600 ug/Kg

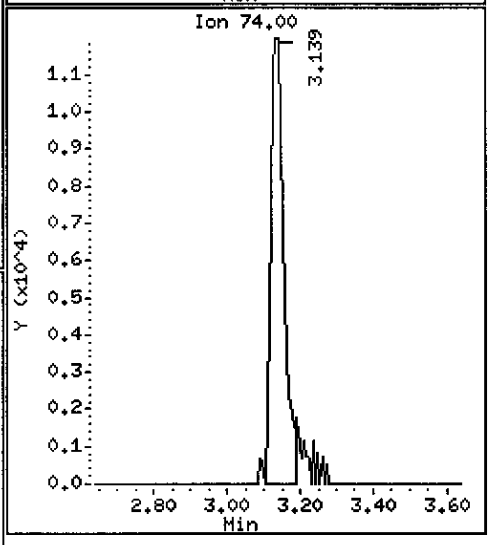












Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7850.D

Date : 19-AUG-2005 17:19

Client ID: SD08-S-ODL

Instrument: V6.i

Sample Info: ,D0926-11D,,19570

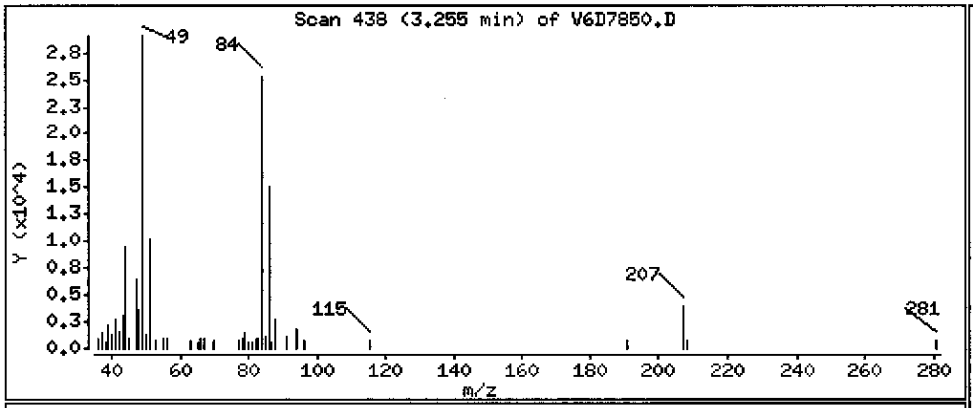
Operator: SB SRC: LIMS

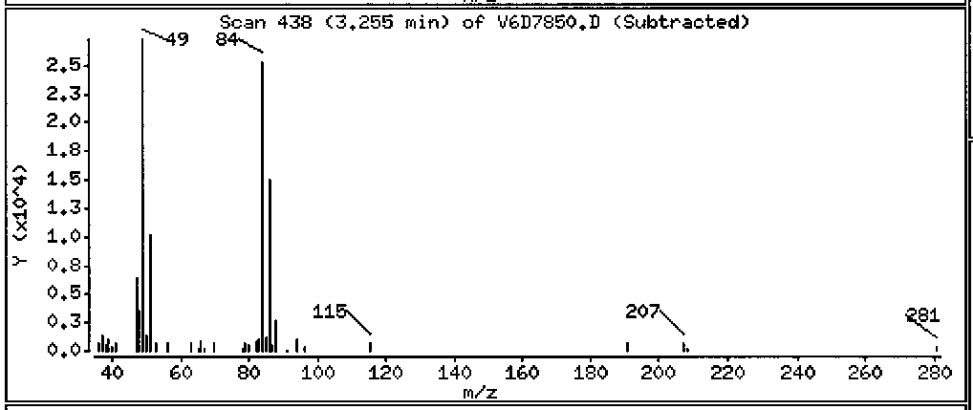
Column phase: DB-624

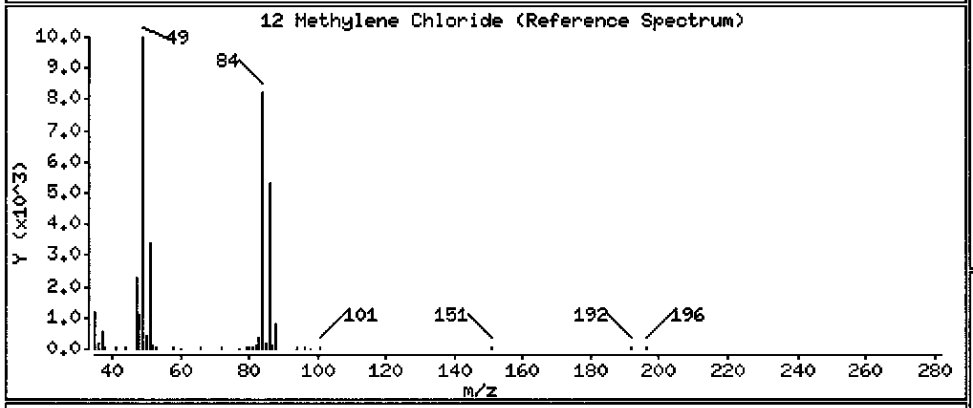
Column diameter: 0.25

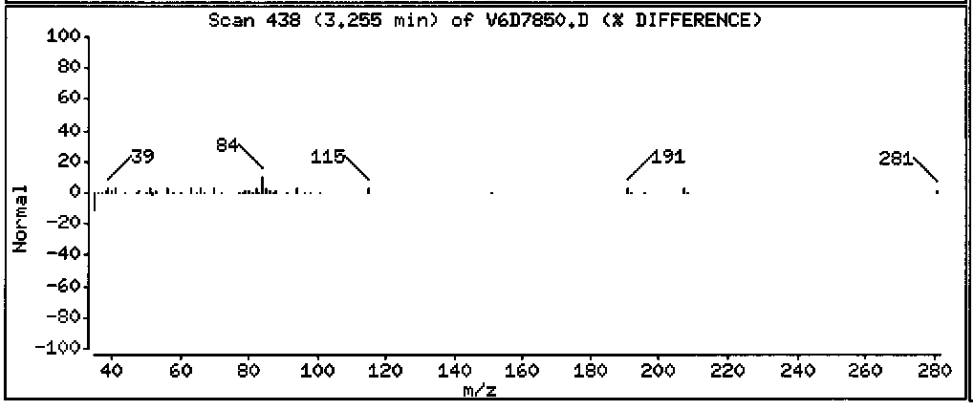
12 Methylene Chloride

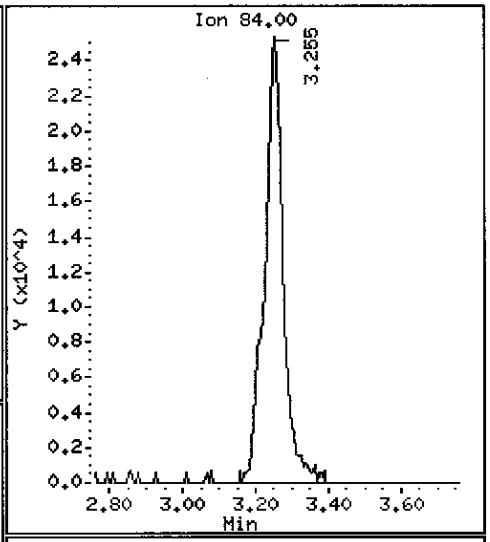
Concentration: 3300 ug/Kg

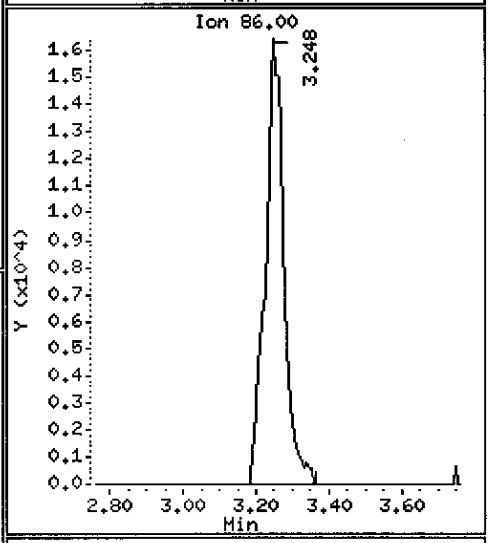


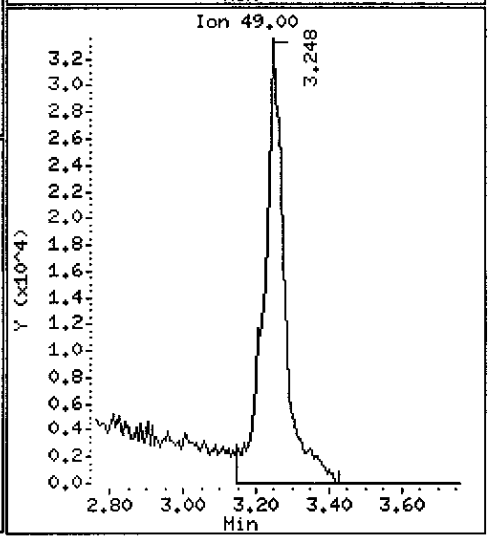












1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD09-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-10C

Sample wt/vol: 4.7(g/mL) G Lab File ID: V1G9637

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 40 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	18	U
74-87-3	Chloromethane	18	U
75-01-4	Vinyl Chloride	18	U
74-83-9	Bromomethane	18	U
75-00-3	Chloroethane	18	U
75-69-4	Trichlorofluoromethane	18	U
75-35-4	1,1-Dichloroethene	18	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18	U
67-64-1	Acetone	88	
75-15-0	Carbon Disulfide	18	U
79-20-9	Methyl Acetate	18	U
75-09-2	Methylene Chloride	150	
156-60-5	trans-1,2-Dichloroethene	18	U
1634-04-4	Methyl tert-Butyl Ether	18	U
75-34-3	1,1-Dichloroethane	18	U
156-59-2	cis-1,2-Dichloroethene	18	U
78-93-3	2-Butanone	13	J
67-66-3	Chloroform	3	JB
71-55-6	1,1,1-Trichloroethane	18	U
110-82-7	Cyclohexane	18	U
56-23-5	Carbon Tetrachloride	18	U
71-43-2	Benzene	18	U
107-06-2	1,2-Dichloroethane	18	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD09-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-10C

Sample wt/vol: 4.7 (g/mL) G Lab File ID: V1G9637

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 40 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	18	U
108-87-2	Methylcyclohexane	18	U
78-87-5	1,2-Dichloropropane	18	U
75-27-4	Bromodichloromethane	18	U
10061-01-5	cis-1,3-Dichloropropene	18	U
108-10-1	4-Methyl-2-Pentanone	18	U
108-88-3	Toluene	18	U
10061-02-6	trans-1,3-Dichloropropene	18	U
79-00-5	1,1,2-Trichloroethane	18	U
127-18-4	Tetrachloroethene	18	U
591-78-6	2-Hexanone	18	U
124-48-1	Dibromochloromethane	18	U
106-93-4	1,2-Dibromoethane	18	U
108-90-7	Chlorobenzene	18	U
100-41-4	Ethylbenzene	18	U
1330-20-7	Xylene (Total)	18	U
100-42-5	Styrene	18	U
75-25-2	Bromoform	18	U
98-82-8	Isopropylbenzene	18	U
79-34-5	1,1,2,2-Tetrachloroethane	18	U
541-73-1	1,3-Dichlorobenzene	18	U
106-46-7	1,4-Dichlorobenzene	18	U
95-50-1	1,2-Dichlorobenzene	18	U
96-12-8	1,2-Dibromo-3-chloropropane	18	U
120-82-1	1,2,4-Trichlorobenzene	18	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD09-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-10C

Sample wt/vol: 4.7 (g/mL) G Lab File ID: V1G9637

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 40 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

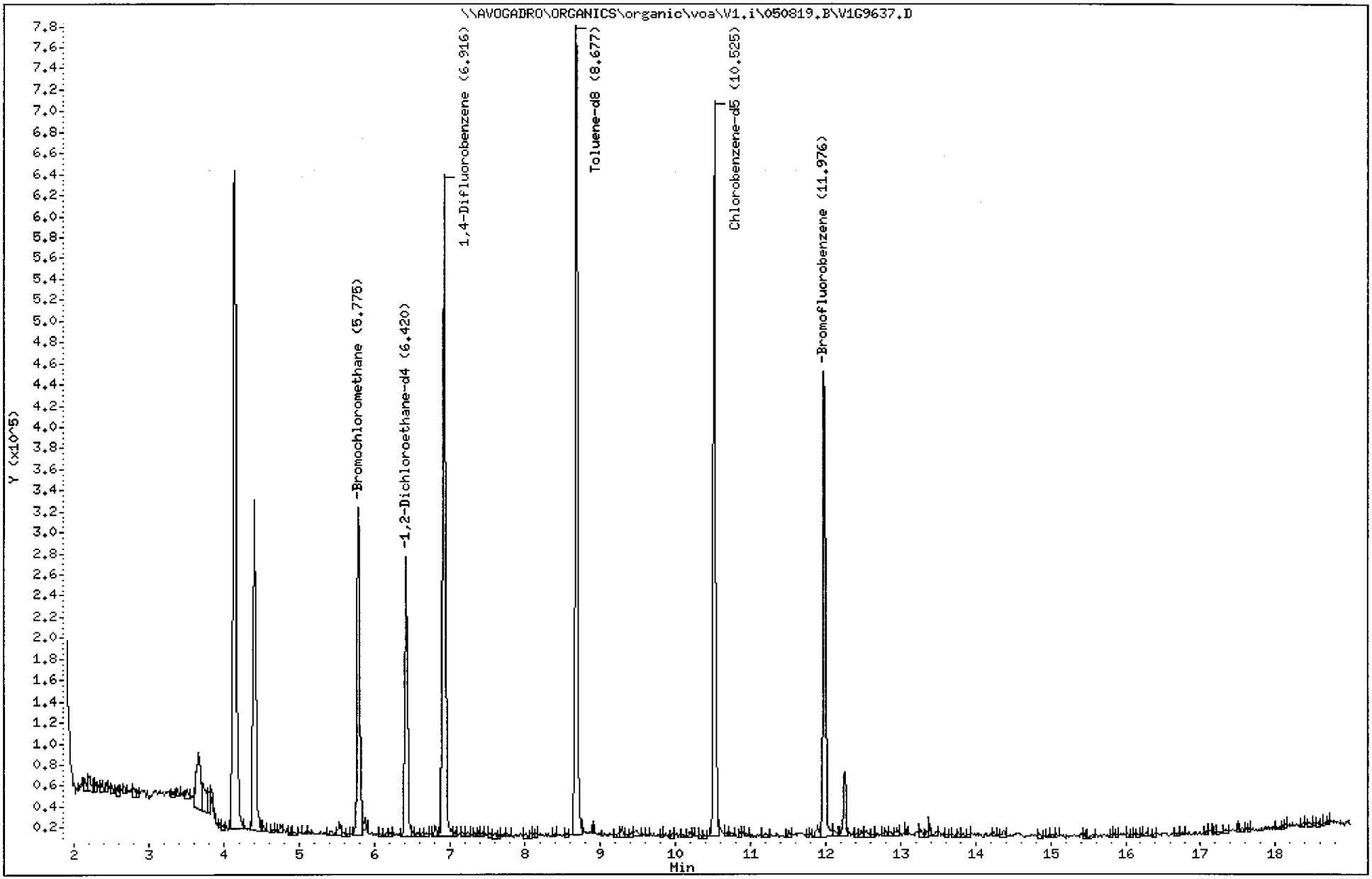
Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	4.40	96	J
2.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.26	9	NJ
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9637.D
Date : 19-AUG-2005 15:08
Client ID: SD09-S-O
Instrument: V1.i
Sample Info: ,D0926-10C,,19568,
Operator: LG SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



0279

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9637.D
Report Date: 23-Aug-2005 13:52

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9637.D
Lab Smp Id: D0926-10C Client Smp ID: SD09-S-O
Inj Date : 19-AUG-2005 15:08
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-10C,,19568,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\v1clp4h.m
Meth Date : 23-Aug-2005 13:46 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 10:26 Cal File: V1G9631.D ✓
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	4.700	Weight of sample (g)
M	40.000	% Moisture (not decanted)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	9 Acetone	43	3.655	3.668	(0.633)	110749	49.3753	88
	12 Methylene Chloride	84	4.138	4.152	(0.717)	354700	83.1073	150
	16 2-Butanone	43	5.527	5.540	(0.957)	18810	7.30118	13(a)
*	18 Bromochloromethane	128	5.775	5.801	(1.000)	95203	50.0000	
	19 Chloroform	83	5.875	5.888	(1.017)	12044	1.78781	3(a)
$	23 1,2-Dichloroethane-d4	65	6.420	6.433	(1.112)	235351	52.9872	94
*	26 1,4-Difluorobenzene	114	6.916	6.942	(1.000)	578192	50.0000	
$	33 Toluene-d8	98	8.677	8.703	(0.824)	617004	53.0928	94
*	42 Chlorobenzene-d5	117	10.525	10.526	(1.000)	441160	50.0000	
$	50 Bromofluorobenzene	95	11.976	11.989	(1.138)	185931	38.2616	68

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

SB 8/23/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9637.D
Report Date: 23-Aug-2005 13:52

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9637.D
Lab Smp Id: D0926-10C Client Smp ID: SD09-S-O
Inj Date : 19-AUG-2005 15:08
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-10C,,19568,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\v1clp4h.m
Meth Date : 23-Aug-2005 13:46 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 10:26 Cal File: V1G9631.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	4.700	Weight of sample (g)
M	40.000	% Moisture (not decanted)

ISTD	RT	AREA	AMOUNT
* 18 Bromochloromethane	5.775	772964	50.000
* 42 Chlorobenzene-d5	10.525	1488232	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
4.399	840746	54.3845509	96	0		0	18
Cyclotetrasiloxane, octamethyl-				CAS #: 556-67-2			
12.261	150916	5.07031162	9	86	NIST98.L	115616	42

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9637.D

Date : 19-AUG-2005 15:08

Client ID: SD09-S-0

Instrument: V1.i

Sample Info: ,D0926-10C,,19568,

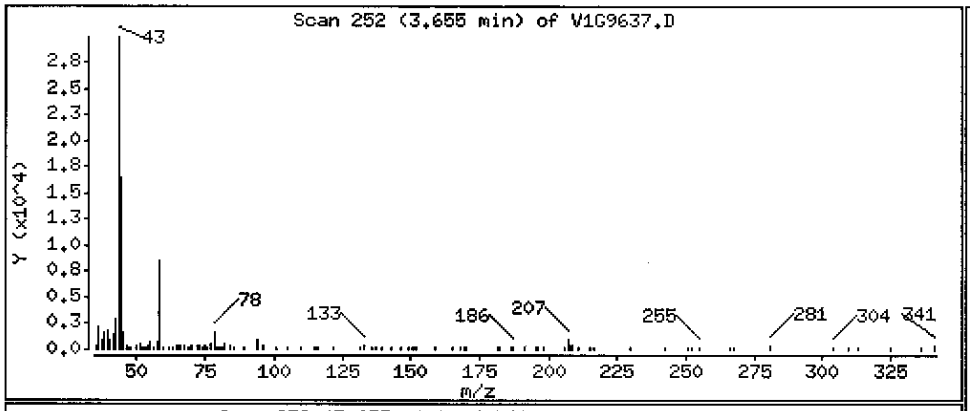
Operator: LG SRC: LIMS

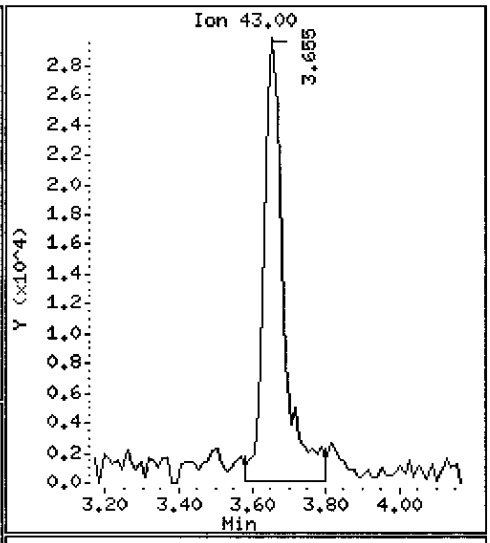
Column phase: DB-624

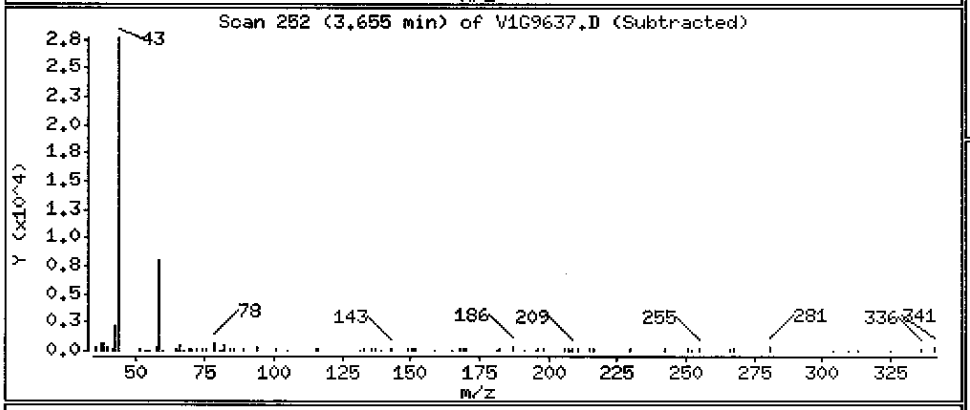
Column diameter: 0.25

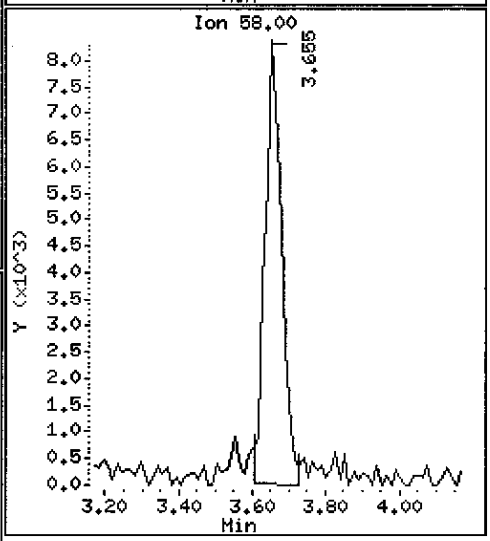
9 Acetone

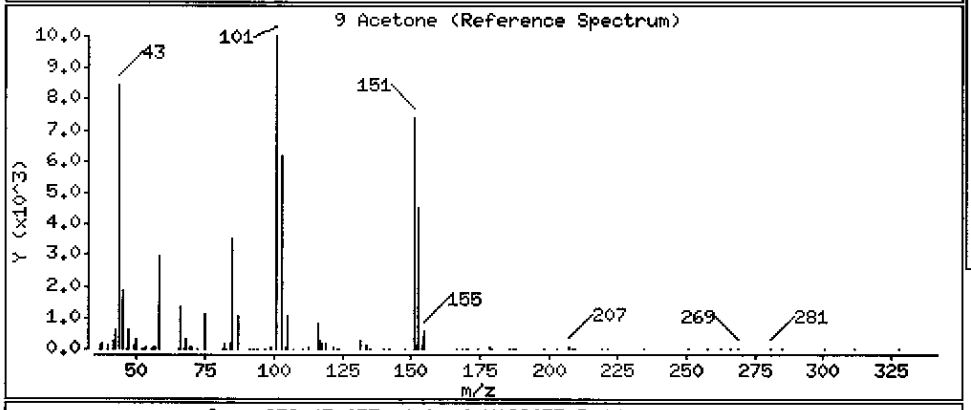
Concentration: 88 ug/Kg

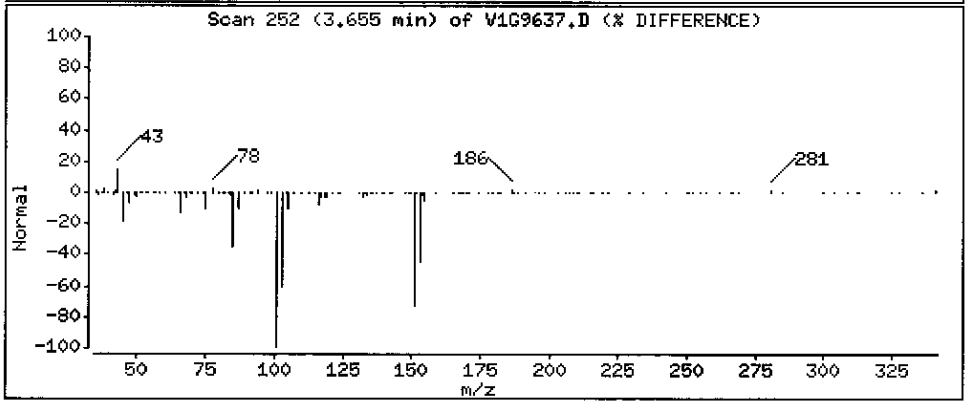












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9637.D

Date : 19-AUG-2005 15:08

Client ID: SD09-S-O

Instrument: V1.i

Sample Info: ,D0926-10C,,19568,

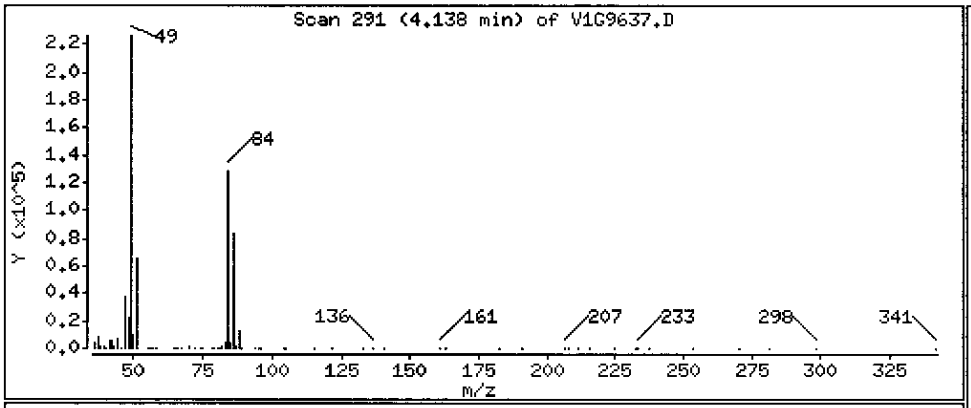
Operator: LG SRC: LIMS

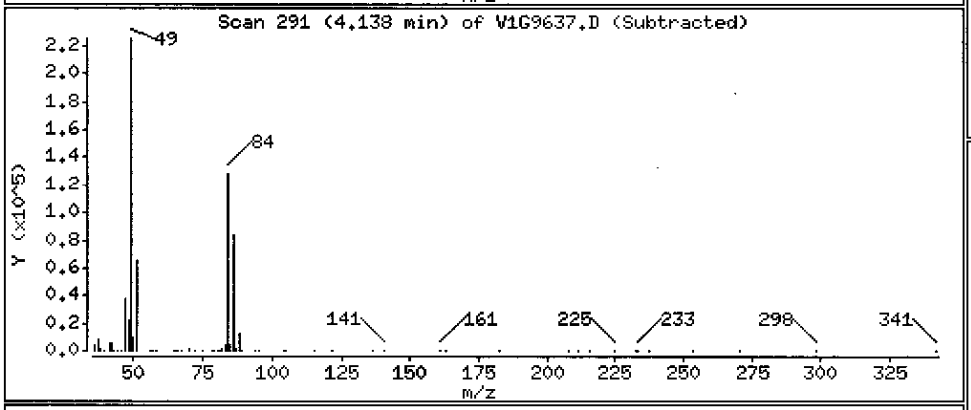
Column phase: DB-624

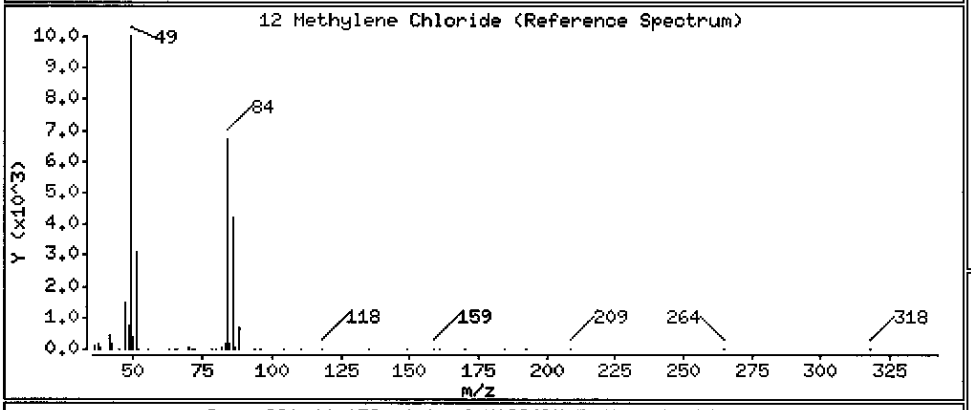
Column diameter: 0.25

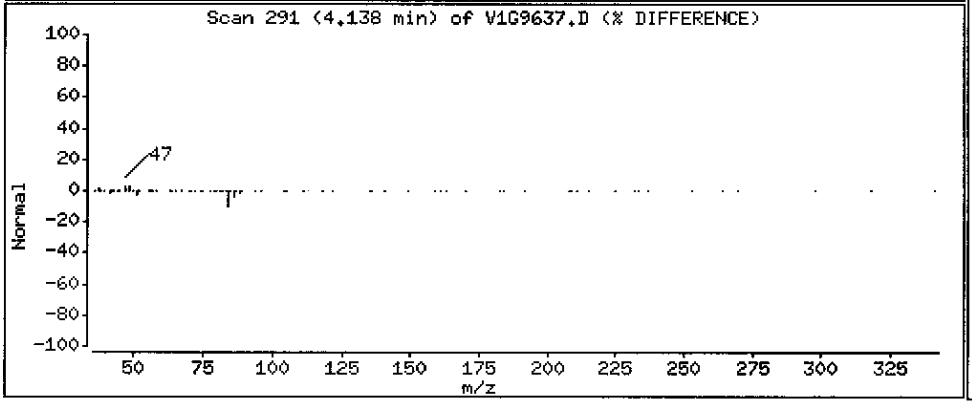
12 Methylene Chloride

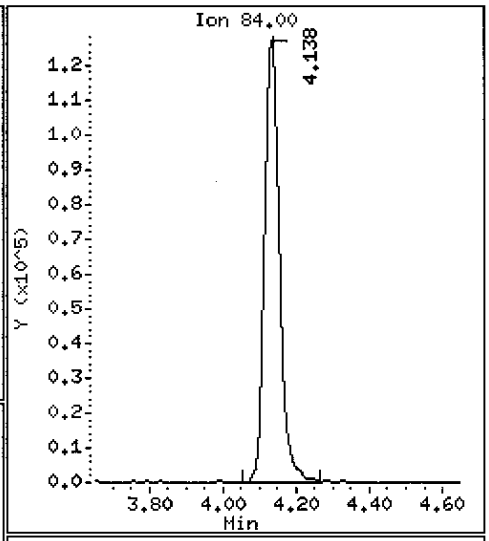
Concentration: 150 ug/Kg

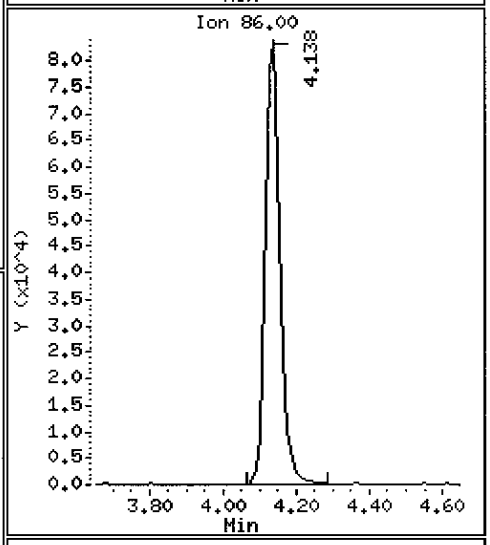


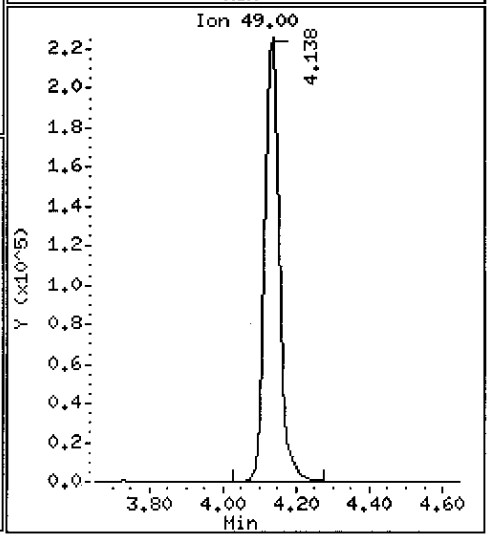












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9637.D

Date : 19-AUG-2005 15:08

Client ID: SD09-S-0

Instrument: V1.i

Sample Info: ,D0926-10C,,19568,

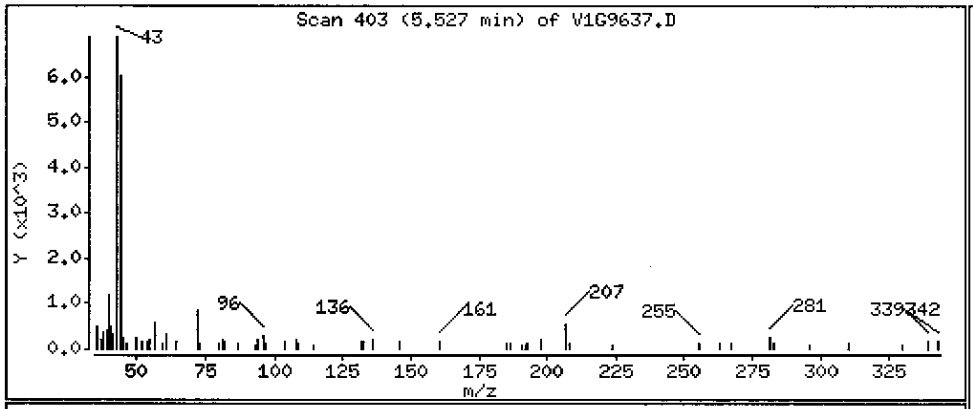
Operator: LG SRC: LIMS

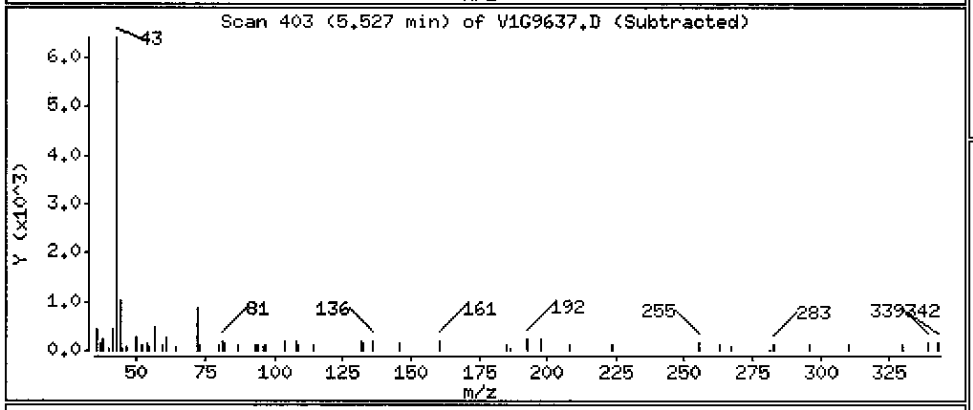
Column phase: DB-624

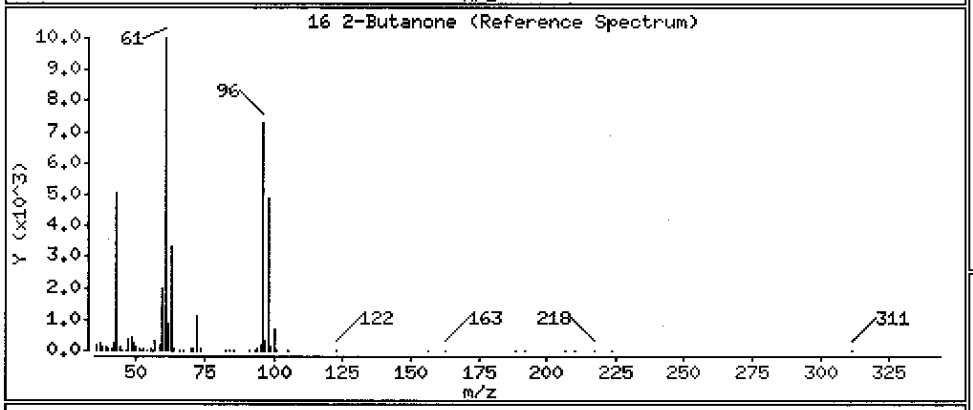
Column diameter: 0.25

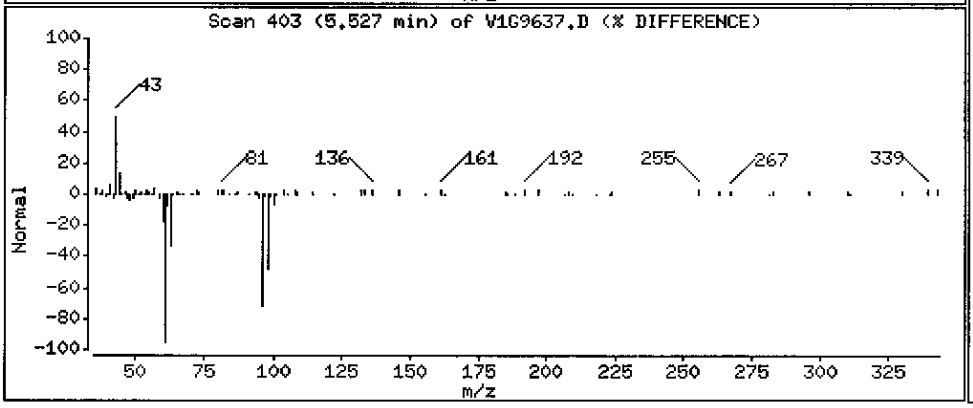
16 2-Butanone

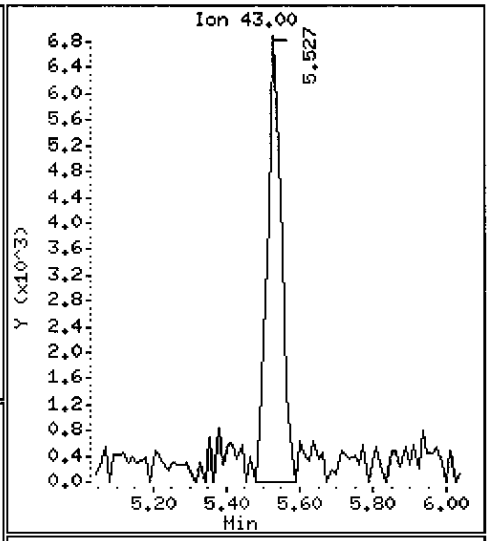
Concentration: 13 ug/Kg

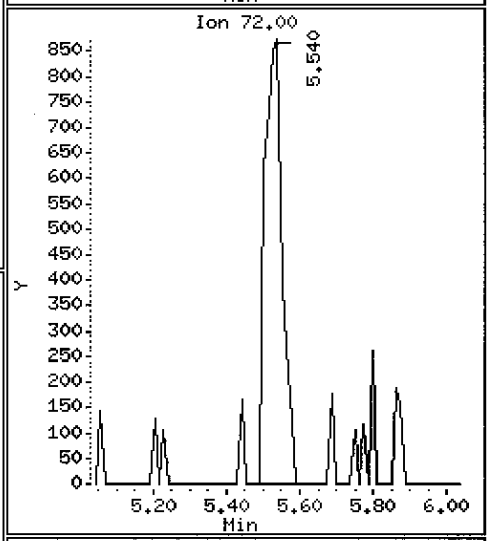


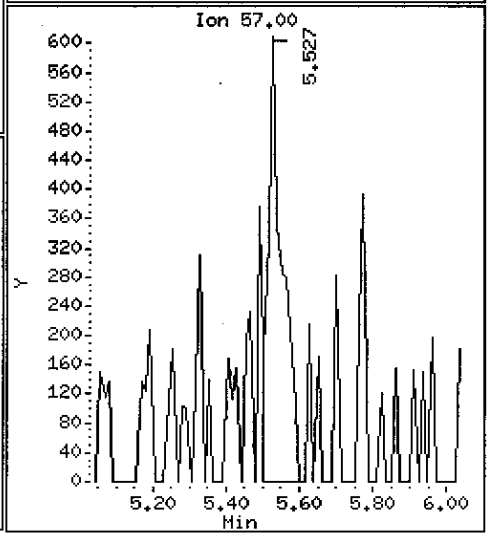












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9637.D

Date : 19-AUG-2005 15:08

Client ID: SD09-S-0

Instrument: V1.i

Sample Info: ,D0926-10C,,19568,

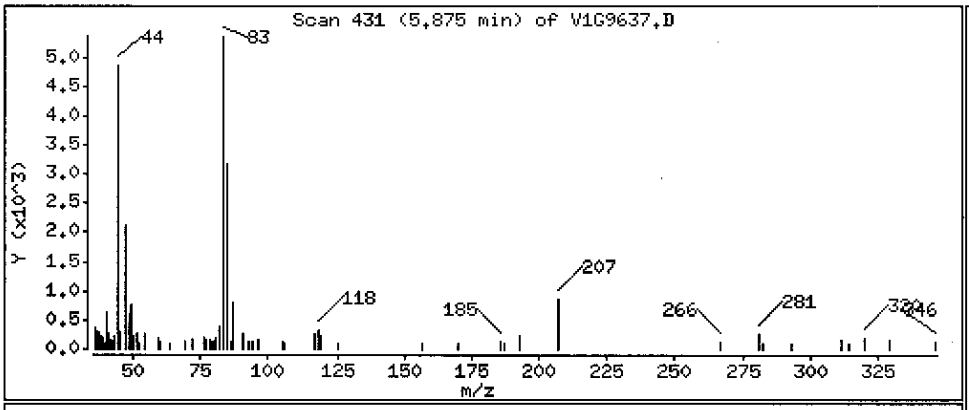
Operator: LG SRC: LIMS

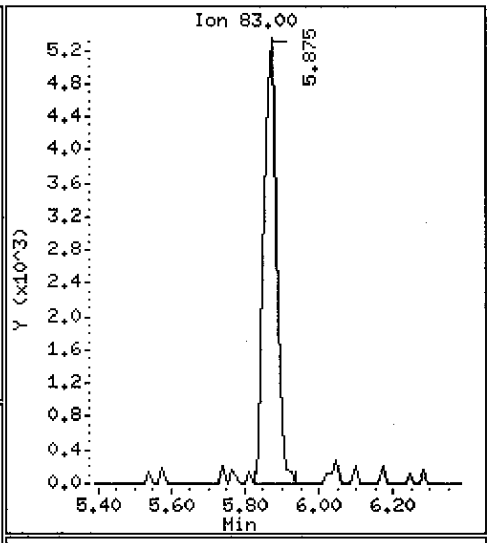
Column phase: DB-624

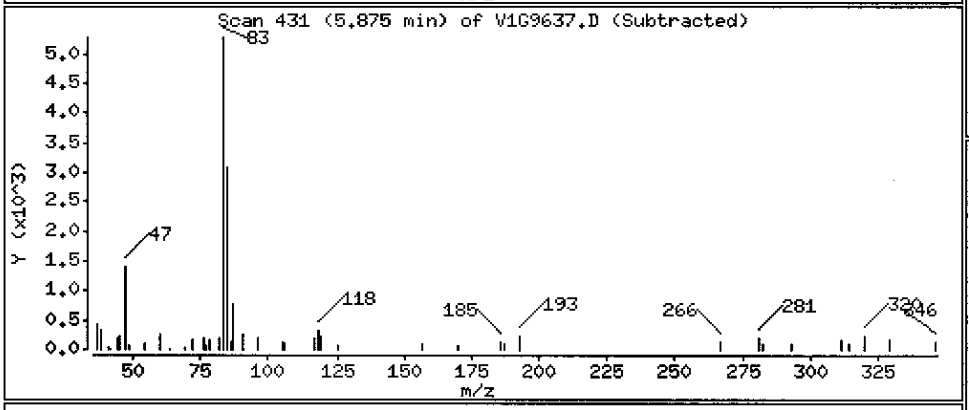
Column diameter: 0.25

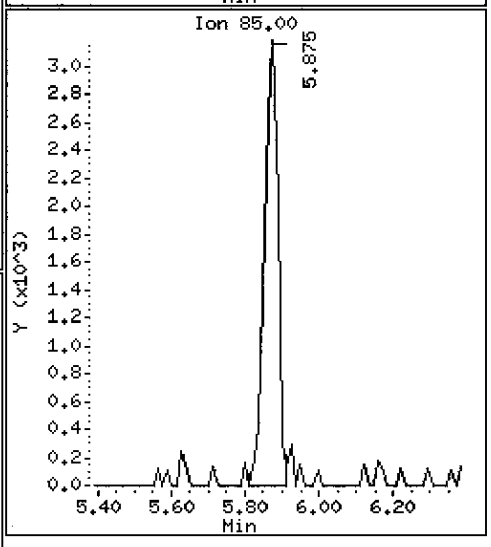
19 Chloroform

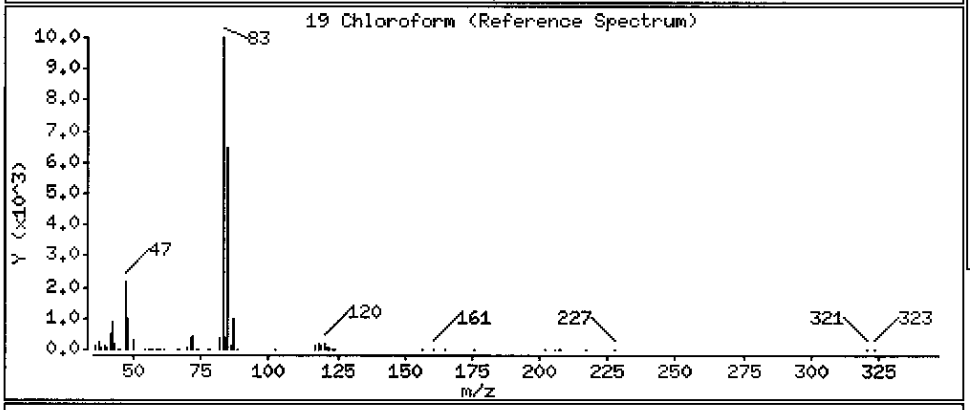
Concentration: 3 ug/Kg

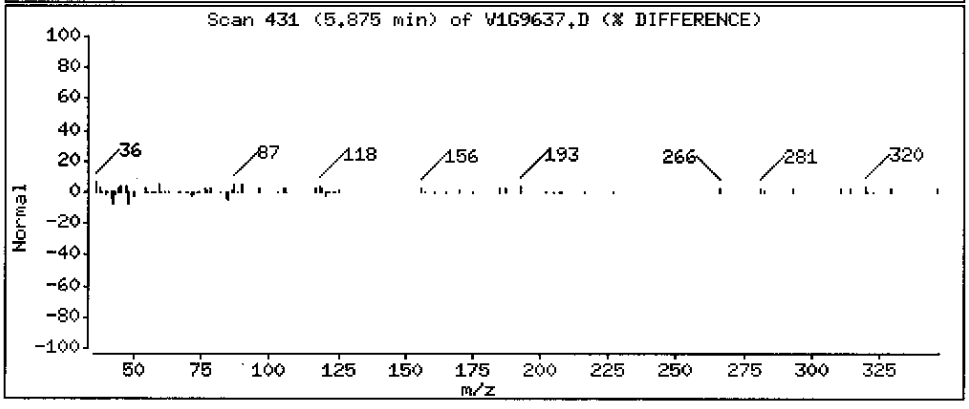












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9637.D

Date : 19-AUG-2005 15:08

Client ID: SD09-S-O

Instrument: V1.i

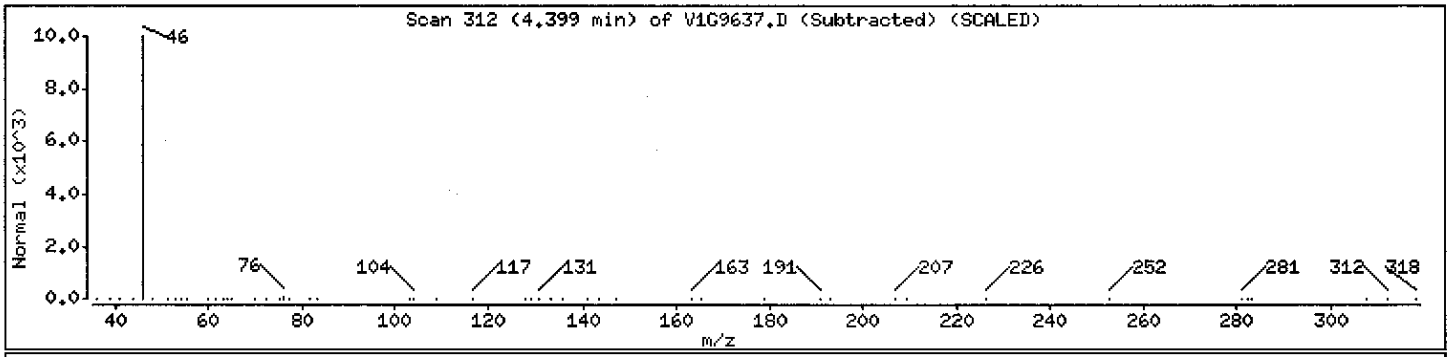
Sample Info: ,D0926-10C,,19568,

Operator: LG SRC: LIMS

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9637.D

Date : 19-AUG-2005 15:08

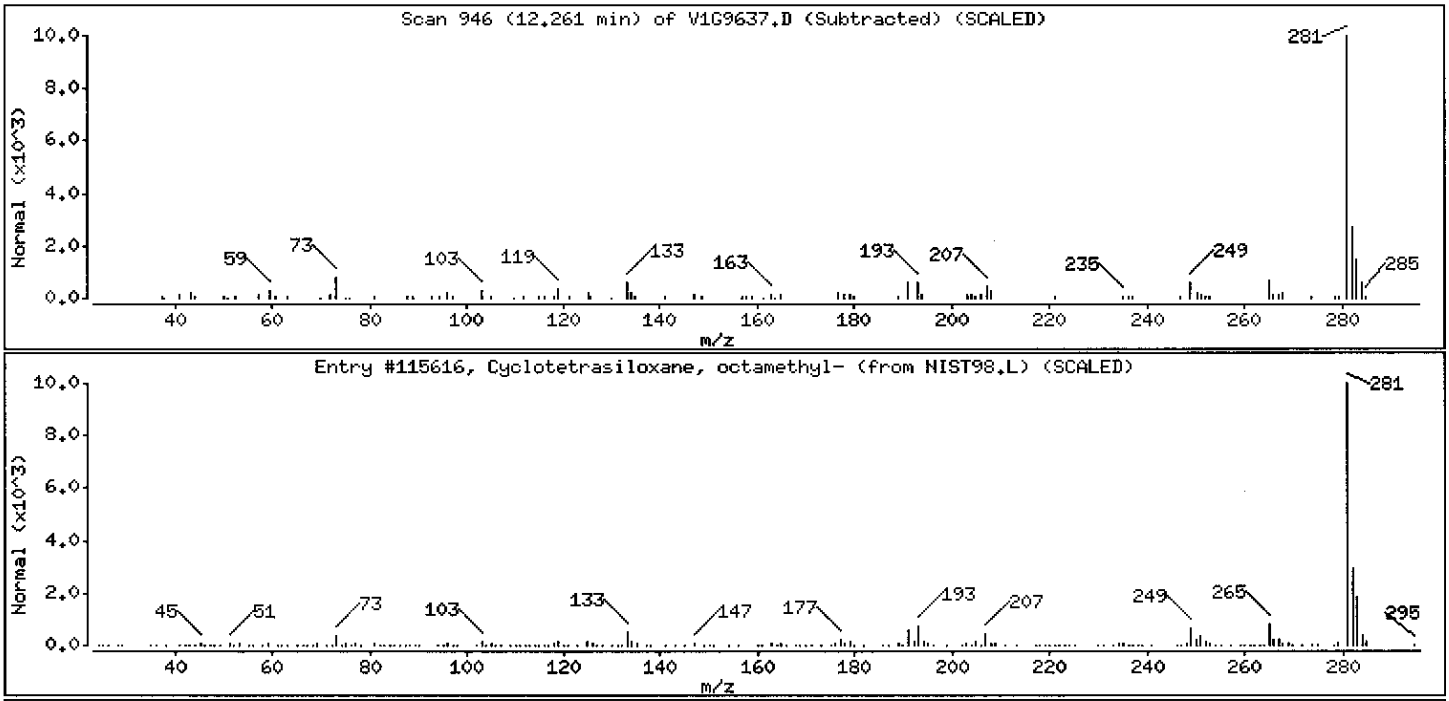
Client ID: SD09-S-0 Instrument: V1.i

Sample Info: ,D0926-10C,,19568,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST98.L	115616	86	C8H24O4Si4	296



1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SD10-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-12C

Sample wt/vol: 5.9 (g/mL) G Lab File ID: V1G9641

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 50 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	17	U
74-87-3	Chloromethane	17	U
75-01-4	Vinyl Chloride	17	U
74-83-9	Bromomethane	17	U
75-00-3	Chloroethane	17	U
75-69-4	Trichlorofluoromethane	17	U
75-35-4	1,1-Dichloroethene	17	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	17	U
67-64-1	Acetone	180	
75-15-0	Carbon Disulfide	17	U
79-20-9	Methyl Acetate	17	U
75-09-2	Methylene Chloride	17	U
156-60-5	trans-1,2-Dichloroethene	17	U
1634-04-4	Methyl tert-Butyl Ether	17	U
75-34-3	1,1-Dichloroethane	17	U
156-59-2	cis-1,2-Dichloroethene	17	U
78-93-3	2-Butanone	20	
67-66-3	Chloroform	3	JB
71-55-6	1,1,1-Trichloroethane	17	U
110-82-7	Cyclohexane	17	U
56-23-5	Carbon Tetrachloride	17	U
71-43-2	Benzene	17	U
107-06-2	1,2-Dichloroethane	17	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD10-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-12C

Sample wt/vol: 5.9 (g/mL) G Lab File ID: V1G9641

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 50 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	17	U
108-87-2	Methylcyclohexane	17	U
78-87-5	1,2-Dichloropropane	17	U
75-27-4	Bromodichloromethane	17	U
10061-01-5	cis-1,3-Dichloropropene	17	U
108-10-1	4-Methyl-2-Pentanone	17	U
108-88-3	Toluene	17	U
10061-02-6	trans-1,3-Dichloropropene	17	U
79-00-5	1,1,2-Trichloroethane	17	U
127-18-4	Tetrachloroethene	17	U
591-78-6	2-Hexanone	17	U
124-48-1	Dibromochloromethane	17	U
106-93-4	1,2-Dibromoethane	17	U
108-90-7	Chlorobenzene	17	U
100-41-4	Ethylbenzene	17	U
1330-20-7	Xylene (Total)	17	U
100-42-5	Styrene	17	U
75-25-2	Bromoform	17	U
98-82-8	Isopropylbenzene	17	U
79-34-5	1,1,2,2-Tetrachloroethane	17	U
541-73-1	1,3-Dichlorobenzene	17	U
106-46-7	1,4-Dichlorobenzene	17	U
95-50-1	1,2-Dichlorobenzene	17	U
96-12-8	1,2-Dibromo-3-chloropropane	17	U
120-82-1	1,2,4-Trichlorobenzene	17	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD10-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-12C

Sample wt/vol: 5.9 (g/mL) G Lab File ID: V1G9641

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 50 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.73	11	J
2.		UNKNOWN	3.83	27	J
3.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.25	14	NJ
4.	106-68-3	3-OCTANONE	12.93	16	NJ
5.					
6.					
7.					
8.					
9.					
10.					
11.					
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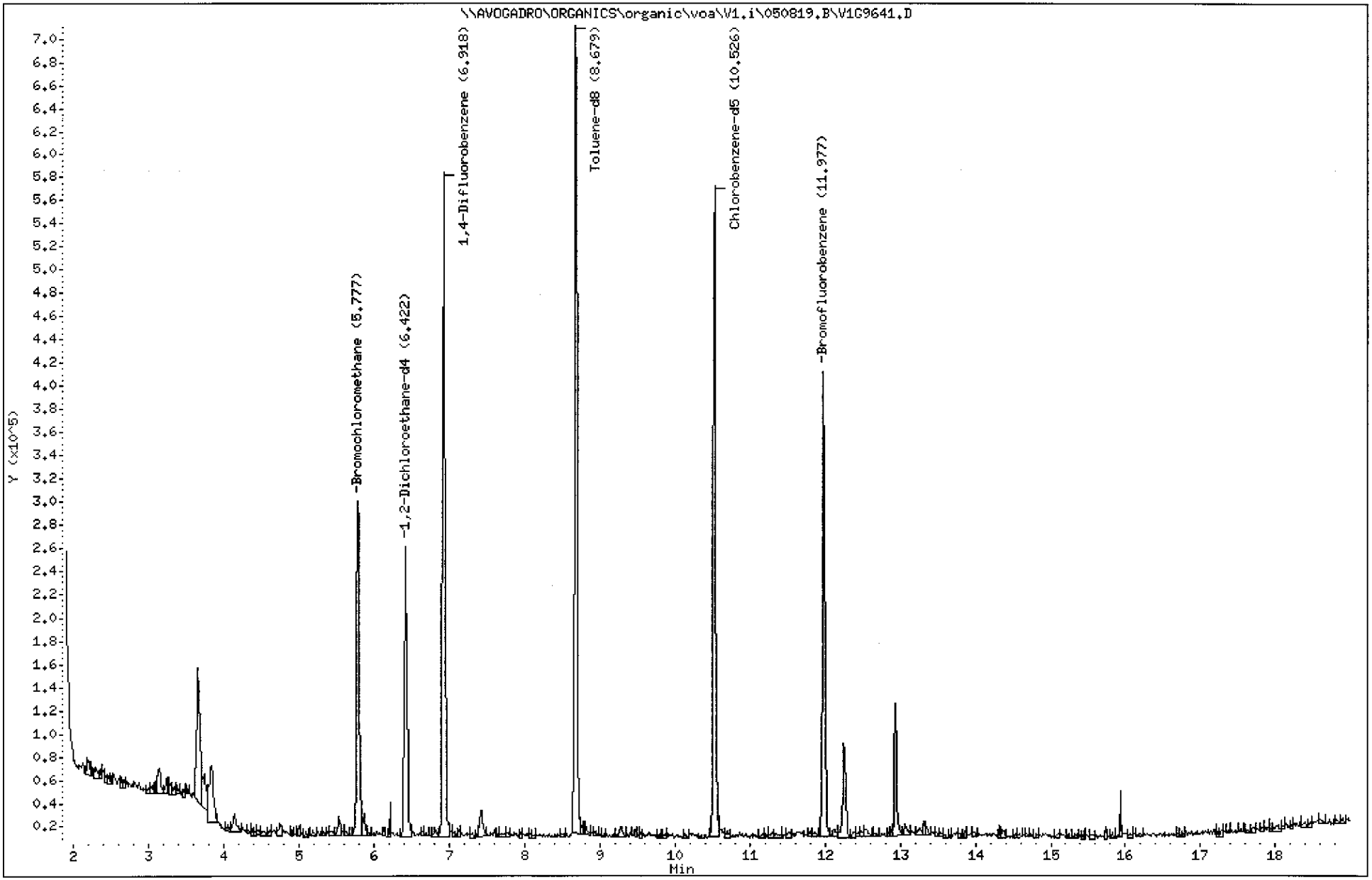
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9641.D
Date : 19-AUG-2005 17:02
Client ID: SD10-S-0
Instrument: V1.i
Sample Info: ,D0926-12C,,19568,
Operator: LG SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9641.D
Report Date: 23-Aug-2005 13:52

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9641.D
Lab Smp Id: D0926-12C Client Smp ID: SD10-S-O
Inj Date : 19-AUG-2005 17:02
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-12C,,19568,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\v1clp4h.m
Meth Date : 23-Aug-2005 13:46 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 10:26 Cal File: V1G9631.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.900	Weight of sample (g)
M	50.000	% Moisture (not decanted)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	9 Acetone	43	3.656	3.668	(0.633)	222697	107.880	180
	16 2-Butanone	43	5.529	5.540	(0.957)	27696	11.6810	20
*	18 Bromochloromethane	128	5.777	5.801	(1.000)	87618	50.0000	
	19 Chloroform	83	5.864	5.888	(1.015)	11598	1.87064	3(a)
$	23 1,2-Dichloroethane-d4	65	6.422	6.433	(1.112)	225713	55.2165	94
*	26 1,4-Difluorobenzene	114	6.918	6.942	(1.000)	522280	50.0000	
$	33 Toluene-d8	98	8.679	8.703	(0.824)	549232	55.9201	95
*	42 Chlorobenzene-d5	117	10.526	10.526	(1.000)	372848	50.0000	
$	50 Bromofluorobenzene	95	11.977	11.989	(1.138)	156340	38.0668	65

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

SB 8/23/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9641.D
Report Date: 23-Aug-2005 13:52

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9641.D
Lab Smp Id: D0926-12C Client Smp ID: SD10-S-O
Inj Date : 19-AUG-2005 17:02
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-12C,,19568,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\v1clp4h.m
Meth Date : 23-Aug-2005 13:46 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 10:26 Cal File: V1G9631.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.900	Weight of sample (g)
M	50.000	% Moisture (not decanted)

ISTD	RT	AREA	AMOUNT
* 18 Bromochloromethane	5.777	731113	50.000
* 42 Chlorobenzene-d5	10.526	1250277	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
3.731	97966	6.69978512	11	0		0	18
Unknown				CAS #:			
3.830	231037	15.8003619	27	0		0	18

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9641.D
Report Date: 23-Aug-2005 13:52

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
12.250	211658	8.46444428	14	91	NIST98.L	115617	42

Cyclotetrasiloxane, octamethyl- CAS #: 556-67-2

12.932	234284	9.36928377	16	90	NIST98.L	12018	42

3-Octanone CAS #: 106-68-3

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9641.D

Date : 19-AUG-2005 17:02

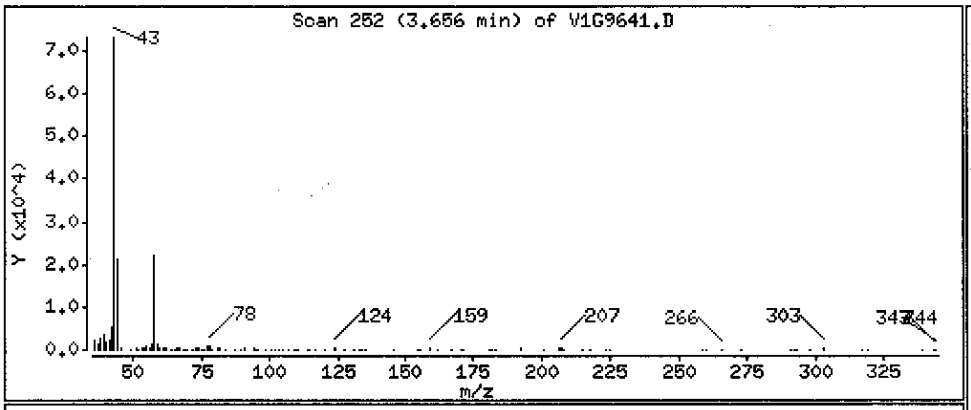
Client ID: SD10-S-0 Instrument: V1.i

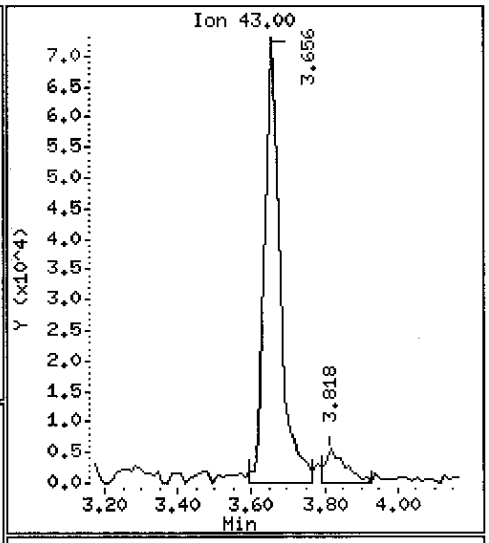
Sample Info: ,D0926-12C,,19568,

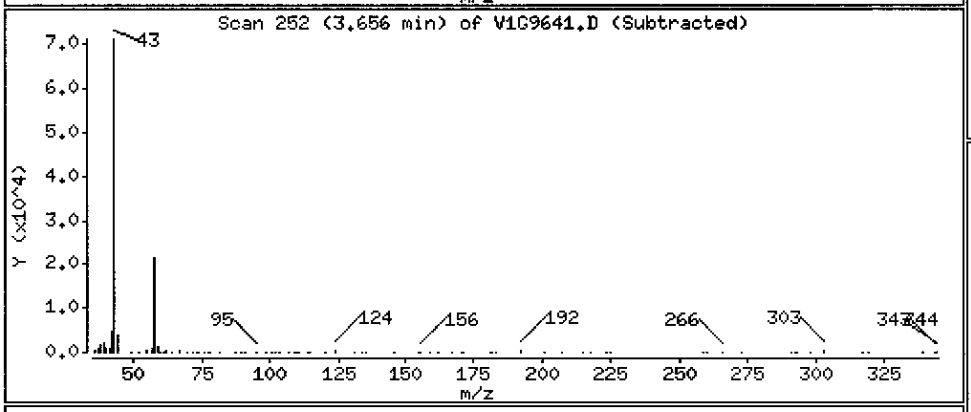
Operator: LG SRC: LIMS

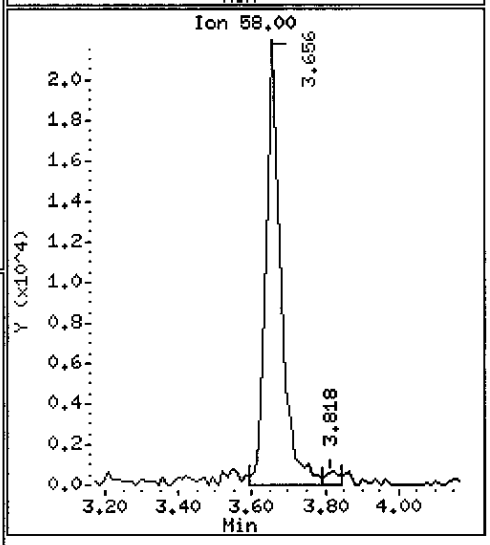
Column phase: DB-624 Column diameter: 0.25

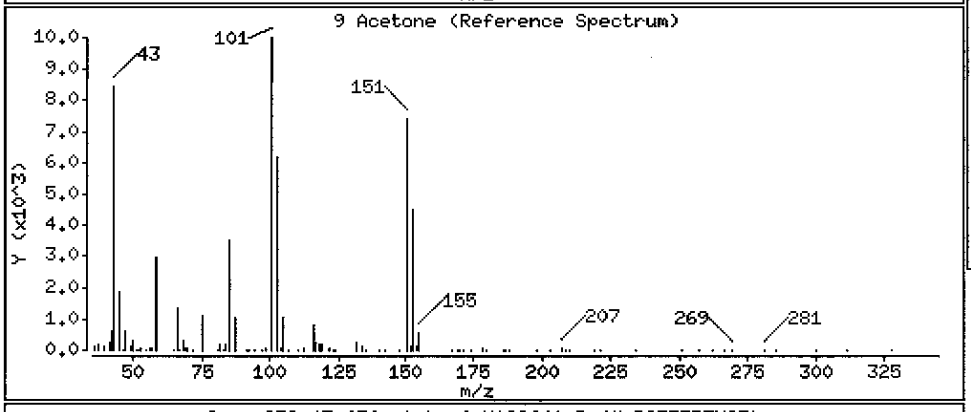
9 Acetone Concentration: 180 ug/Kg

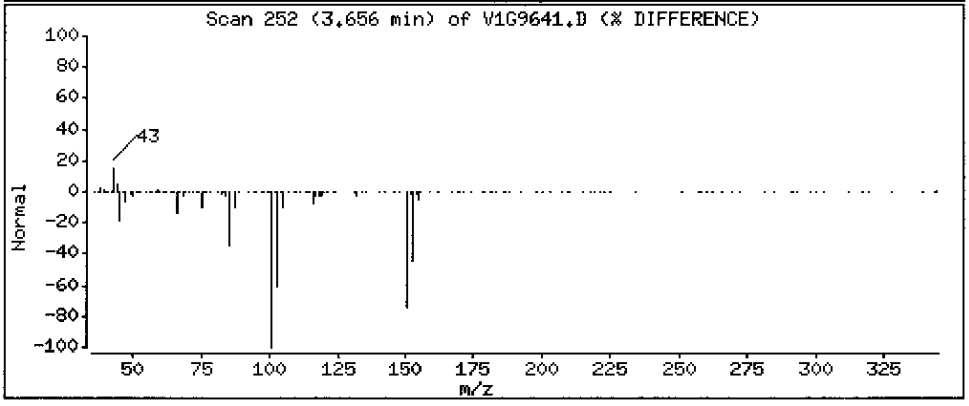












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9641.D

Date : 19-AUG-2005 17:02

Client ID: SD10-S-O

Instrument: V1.i

Sample Info: ,D0926-12C,,19568,

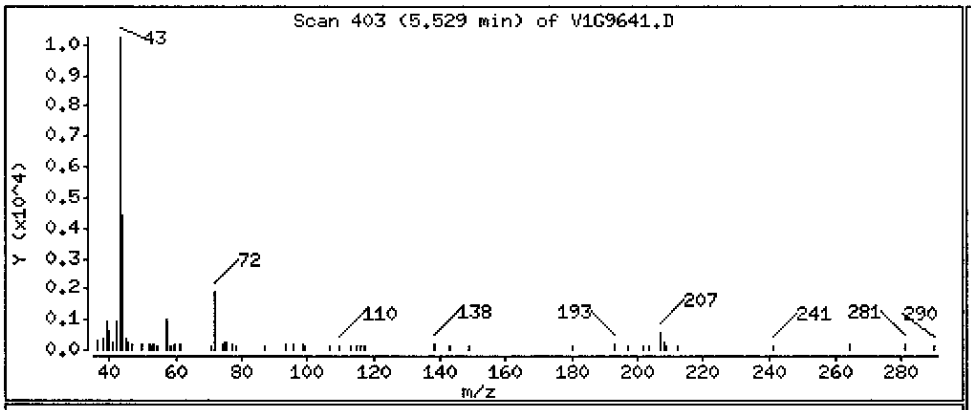
Operator: LG SRC: LIMS

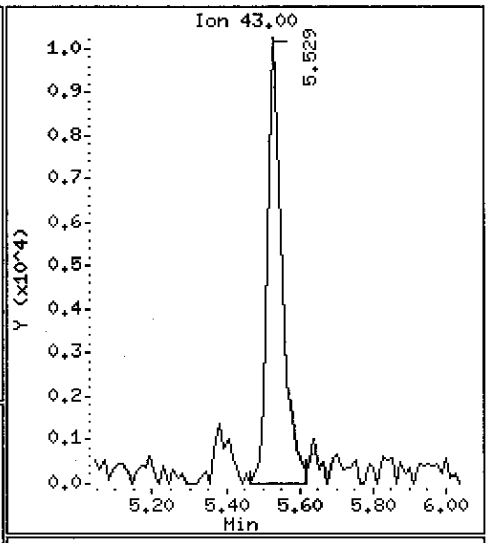
Column phase: DB-624

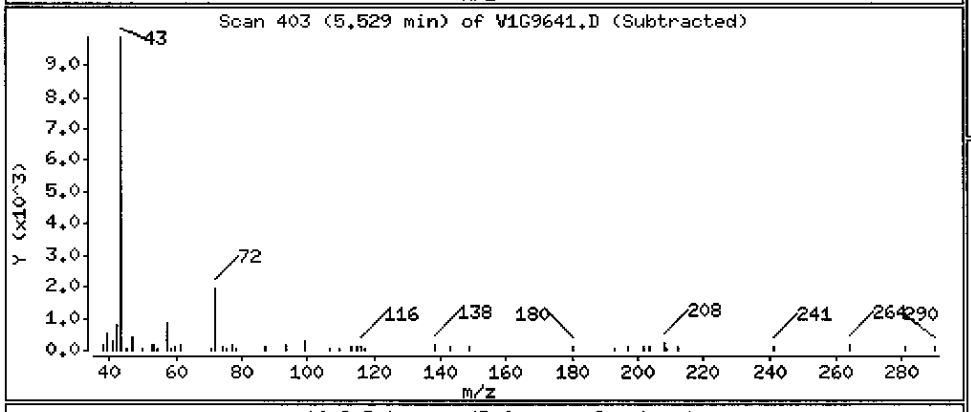
Column diameter: 0.25

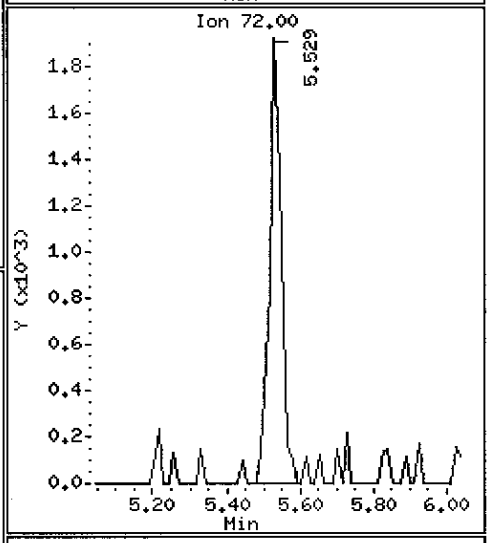
16 2-Butanone

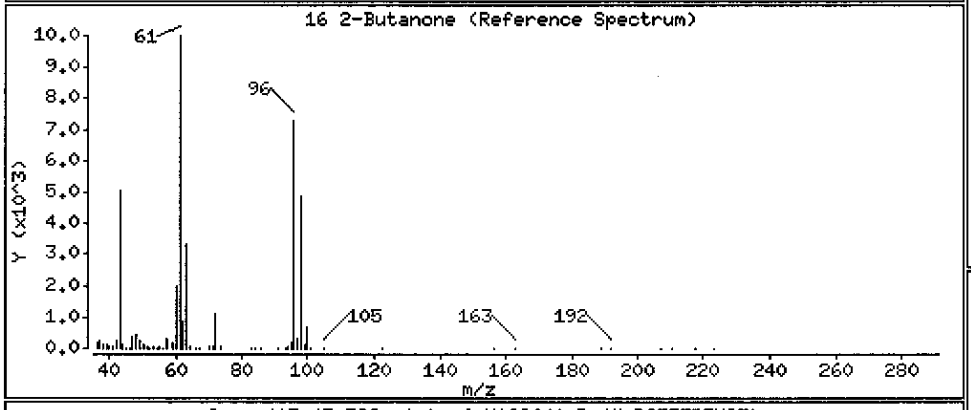
Concentration: 20 ug/Kg

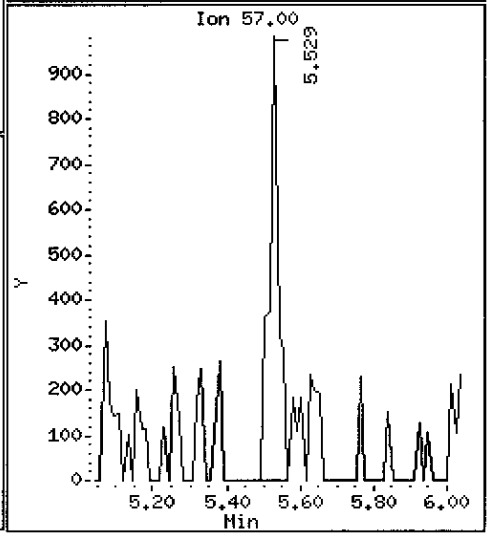


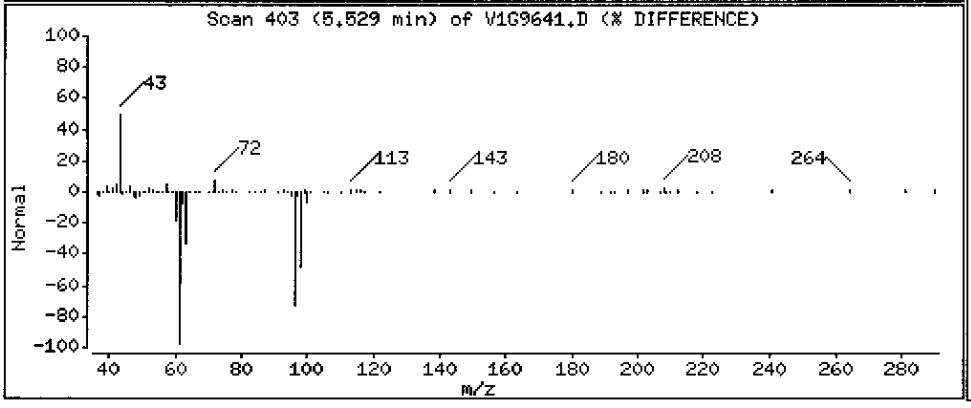












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9641.D

Date : 19-AUG-2005 17:02

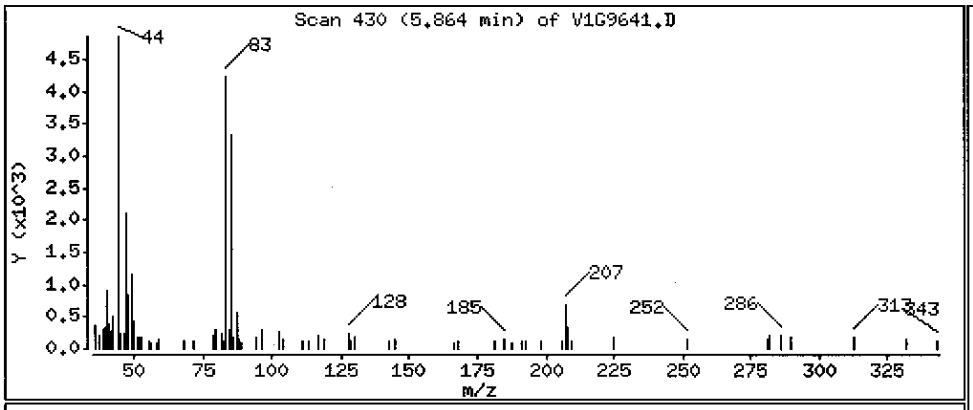
Client ID: SD10-S-0 Instrument: V1.i

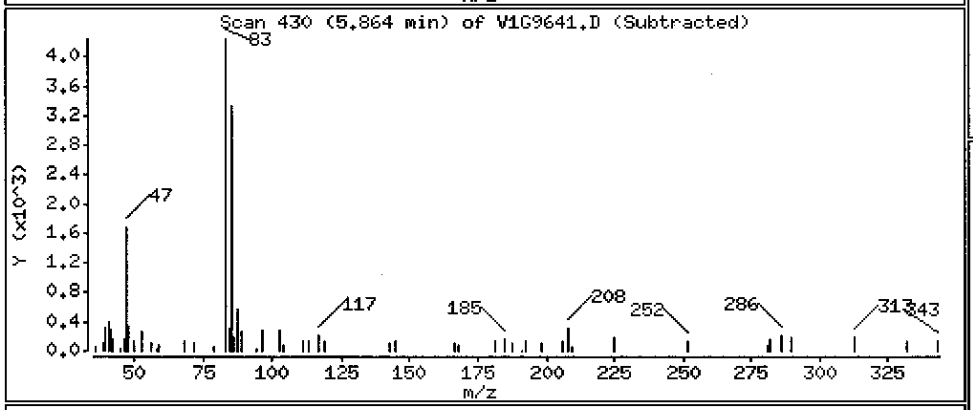
Sample Info: ,D0926-12C,,19568,

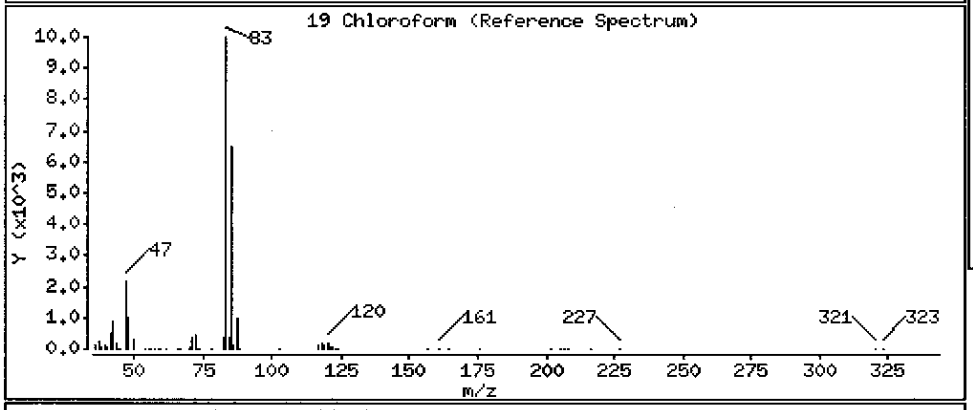
Operator: LG SRC: LIMS

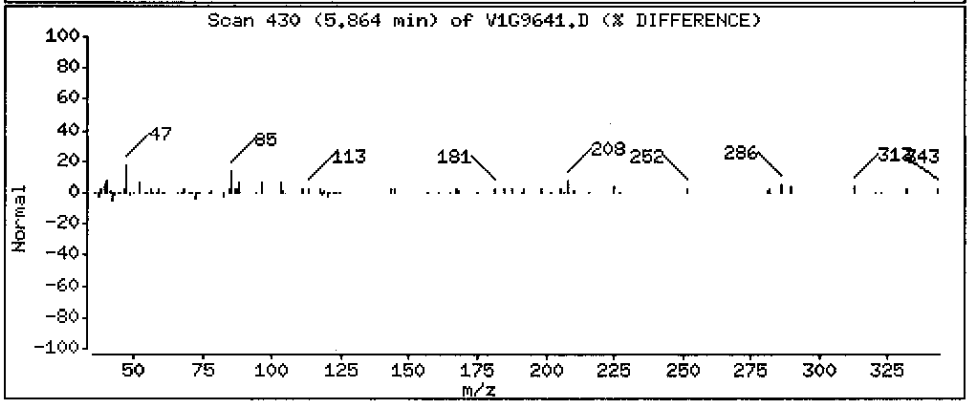
Column phase: DB-624 Column diameter: 0.25

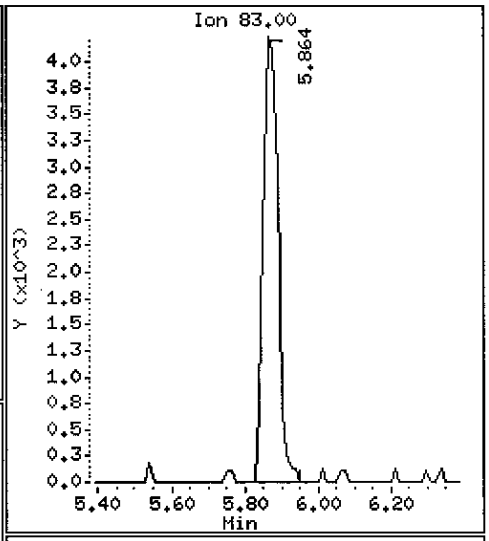
19 Chloroform Concentration: 3 ug/Kg

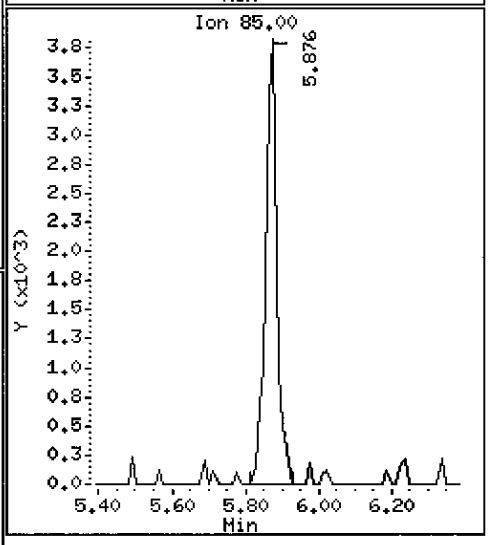












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9641.D

Date : 19-AUG-2005 17:02

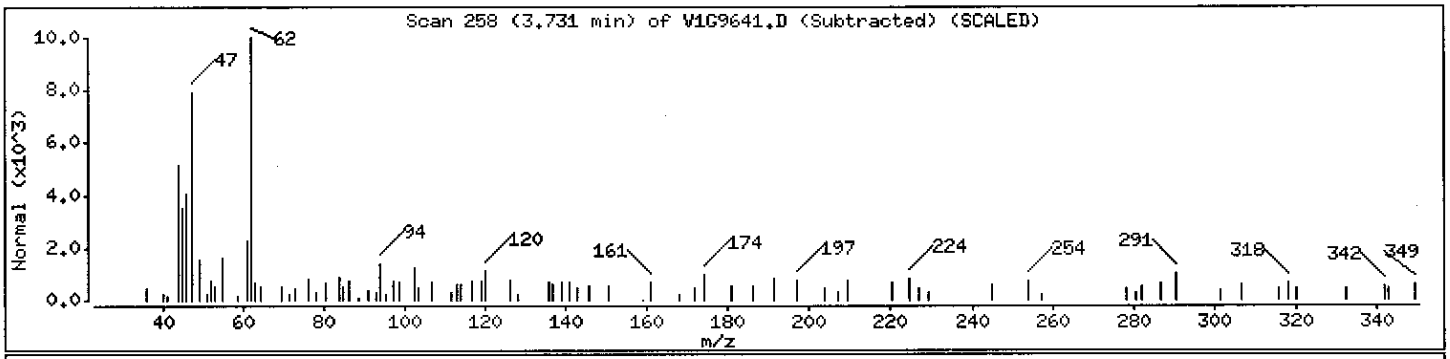
Client ID: SD10-S-0 Instrument: V1.i

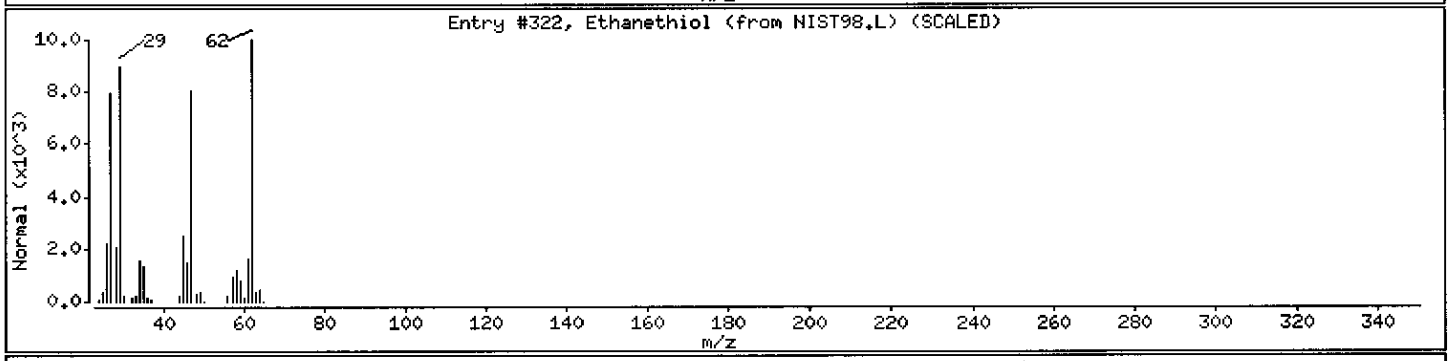
Sample Info: ,D0926-12C,,19568,

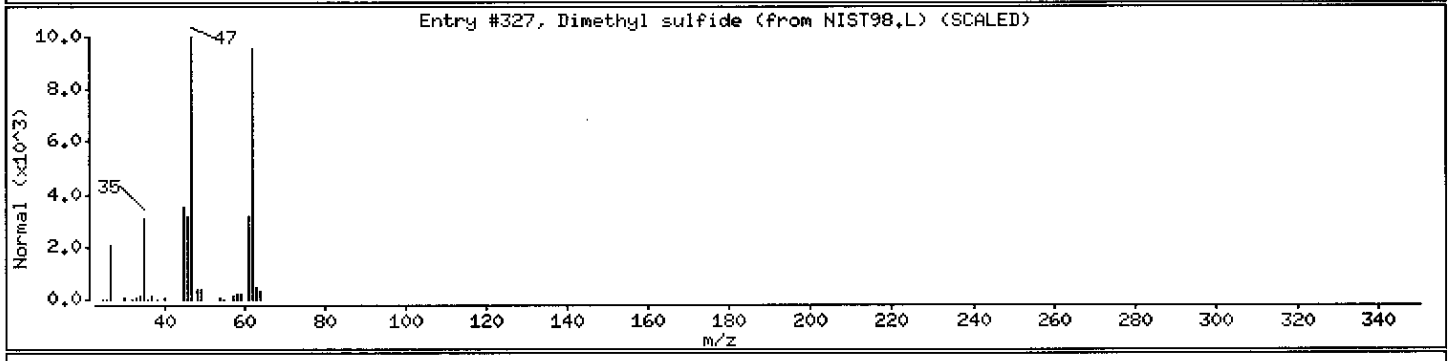
Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Ethanethiol	75-08-1	NIST98.L	322	72	C2H6S	62
Dimethyl sulfide	75-18-3	NIST98.L	327	72	C2H6S	62







Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9641.D

Date : 19-AUG-2005 17:02

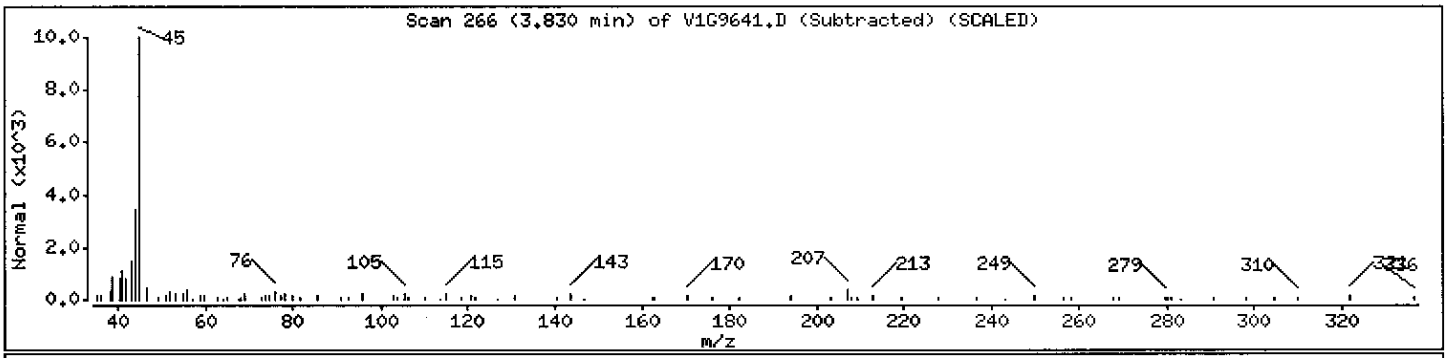
Client ID: SD10-S-0 Instrument: V1.i

Sample Info: ,D0926-12C,,19568,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9641.D

Date : 19-AUG-2005 17:02

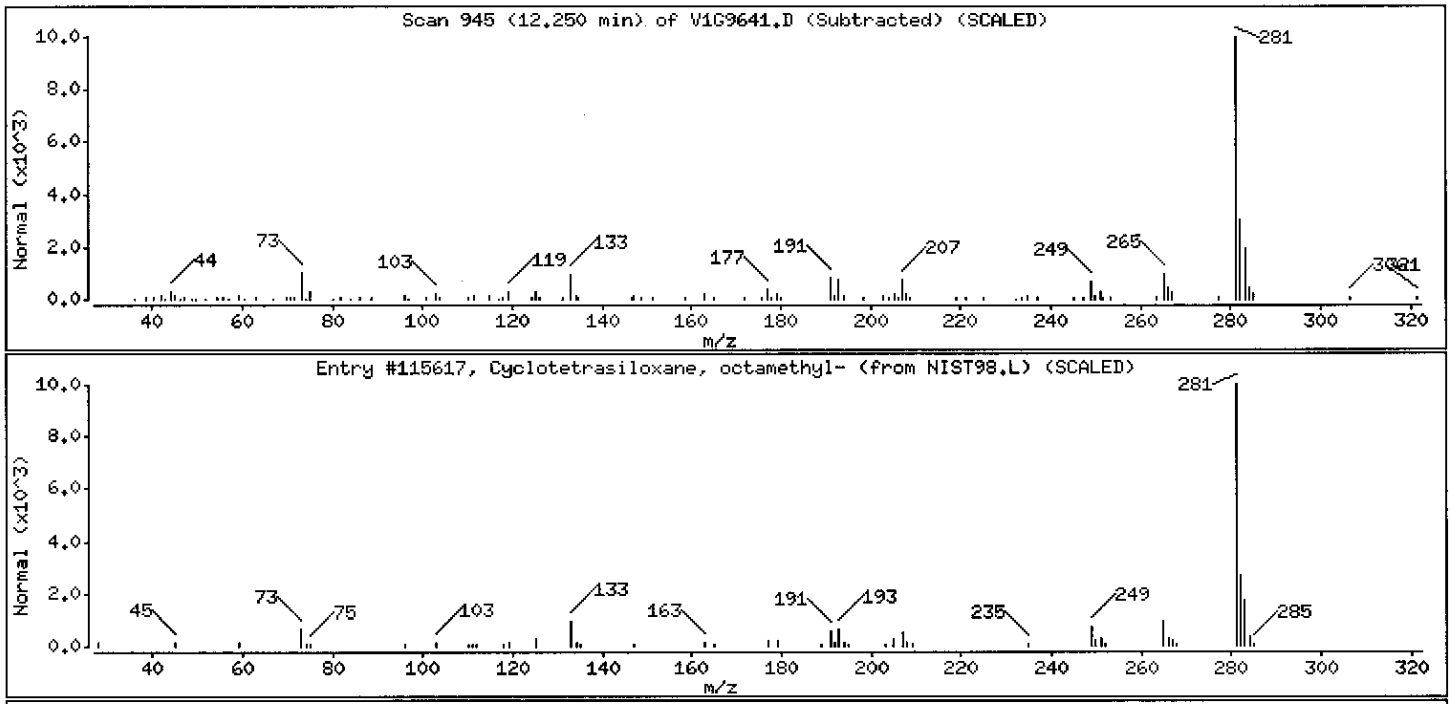
Client ID: SD10-S-0 Instrument: V1.i

Sample Info: ,D0926-12C,,19568,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST98.L	115617	91	C8H24O4Si4	296



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9641.D

Date : 19-AUG-2005 17:02

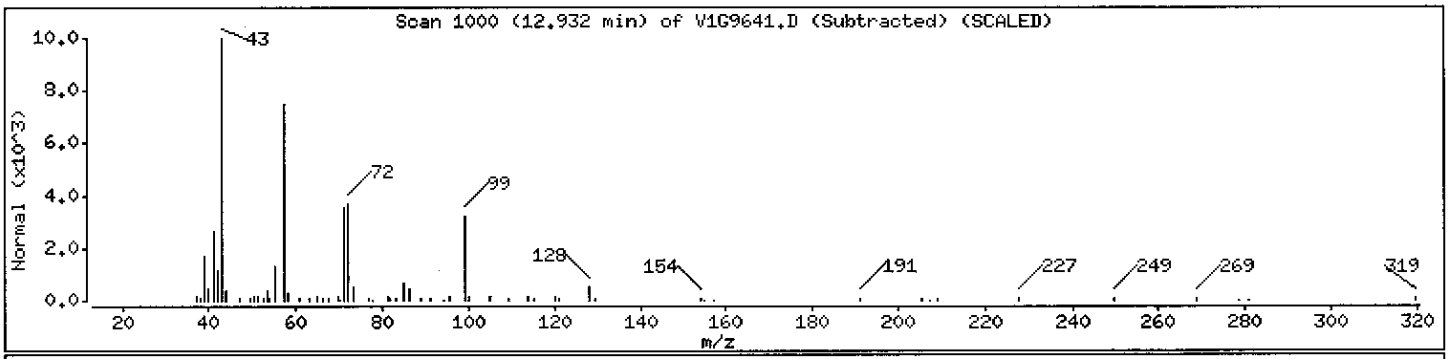
Client ID: SD10-S-0 Instrument: V1.i

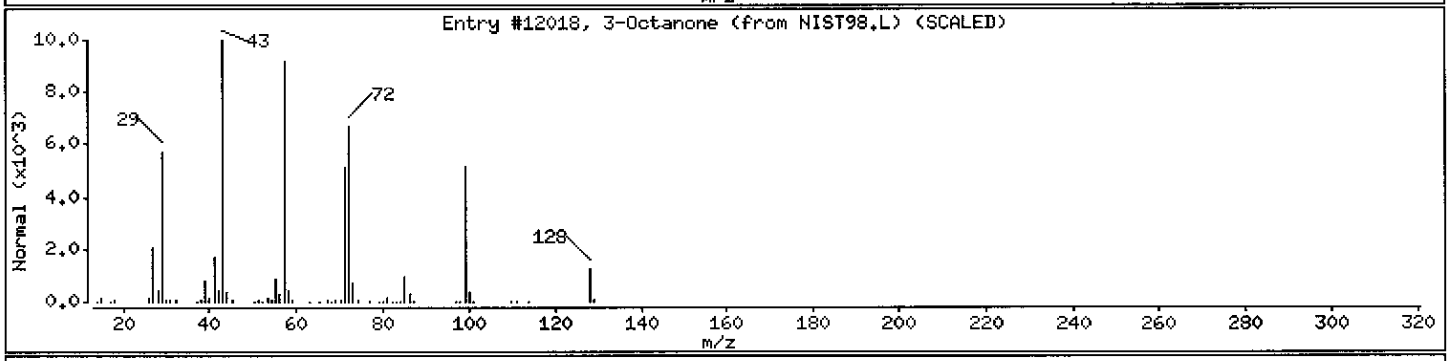
Sample Info: ,D0926-12C,,19568,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
3-Octanone	106-68-3	NIST98.L	12018	90	C8H16O	128





1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD11-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-13C

Sample wt/vol: 5.5 (g/mL) G Lab File ID: V1G9609

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 81 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	48	U
74-87-3	Chloromethane	48	U
75-01-4	Vinyl Chloride	48	U
74-83-9	Bromomethane	48	U
75-00-3	Chloroethane	48	U
75-69-4	Trichlorofluoromethane	48	U
75-35-4	1,1-Dichloroethene	48	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	48	U
67-64-1	Acetone	1300	E
75-15-0	Carbon Disulfide	8	J
79-20-9	Methyl Acetate	48	U
75-09-2	Methylene Chloride	390	
156-60-5	trans-1,2-Dichloroethene	48	U
1634-04-4	Methyl tert-Butyl Ether	48	U
75-34-3	1,1-Dichloroethane	48	U
156-59-2	cis-1,2-Dichloroethene	48	U
78-93-3	2-Butanone	580	
67-66-3	Chloroform	15	J
71-55-6	1,1,1-Trichloroethane	48	U
110-82-7	Cyclohexane	48	U
56-23-5	Carbon Tetrachloride	48	U
71-43-2	Benzene	48	U
107-06-2	1,2-Dichloroethane	48	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD11-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-13C

Sample wt/vol: 5.5 (g/mL) G Lab File ID: V1G9609

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 81 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	48	U
108-87-2	Methylcyclohexane	48	U
78-87-5	1,2-Dichloropropane	48	U
75-27-4	Bromodichloromethane	48	U
10061-01-5	cis-1,3-Dichloropropene	48	U
108-10-1	4-Methyl-2-Pentanone	48	U
108-88-3	Toluene	9	J
10061-02-6	trans-1,3-Dichloropropene	48	U
79-00-5	1,1,2-Trichloroethane	48	U
127-18-4	Tetrachloroethene	48	U
591-78-6	2-Hexanone	48	U
124-48-1	Dibromochloromethane	48	U
106-93-4	1,2-Dibromoethane	48	U
108-90-7	Chlorobenzene	24	J
100-41-4	Ethylbenzene	48	U
1330-20-7	Xylene (Total)	48	U
100-42-5	Styrene	48	U
75-25-2	Bromoform	48	U
98-82-8	Isopropylbenzene	48	U
79-34-5	1,1,2,2-Tetrachloroethane	48	U
541-73-1	1,3-Dichlorobenzene	48	U
106-46-7	1,4-Dichlorobenzene	28	J
95-50-1	1,2-Dichlorobenzene	48	U
96-12-8	1,2-Dibromo-3-chloropropane	48	U
120-82-1	1,2,4-Trichlorobenzene	48	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD11-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-13C

Sample wt/vol: 5.5 (g/mL) G Lab File ID: V1G9609

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: not dec. 81 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 6

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	75-18-3	DIMETHYL SULFIDE	3.73	210	NJ
2.		UNKNOWN	3.83	78	J
3.		UNKNOWN	5.44	77	J
4.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.26	26	NJ
5.		UNKNOWN	12.53	40	J
6.		STRAIGHT-CHAIN ALKANE	13.91	82	J
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
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19.					
20.					
21.					
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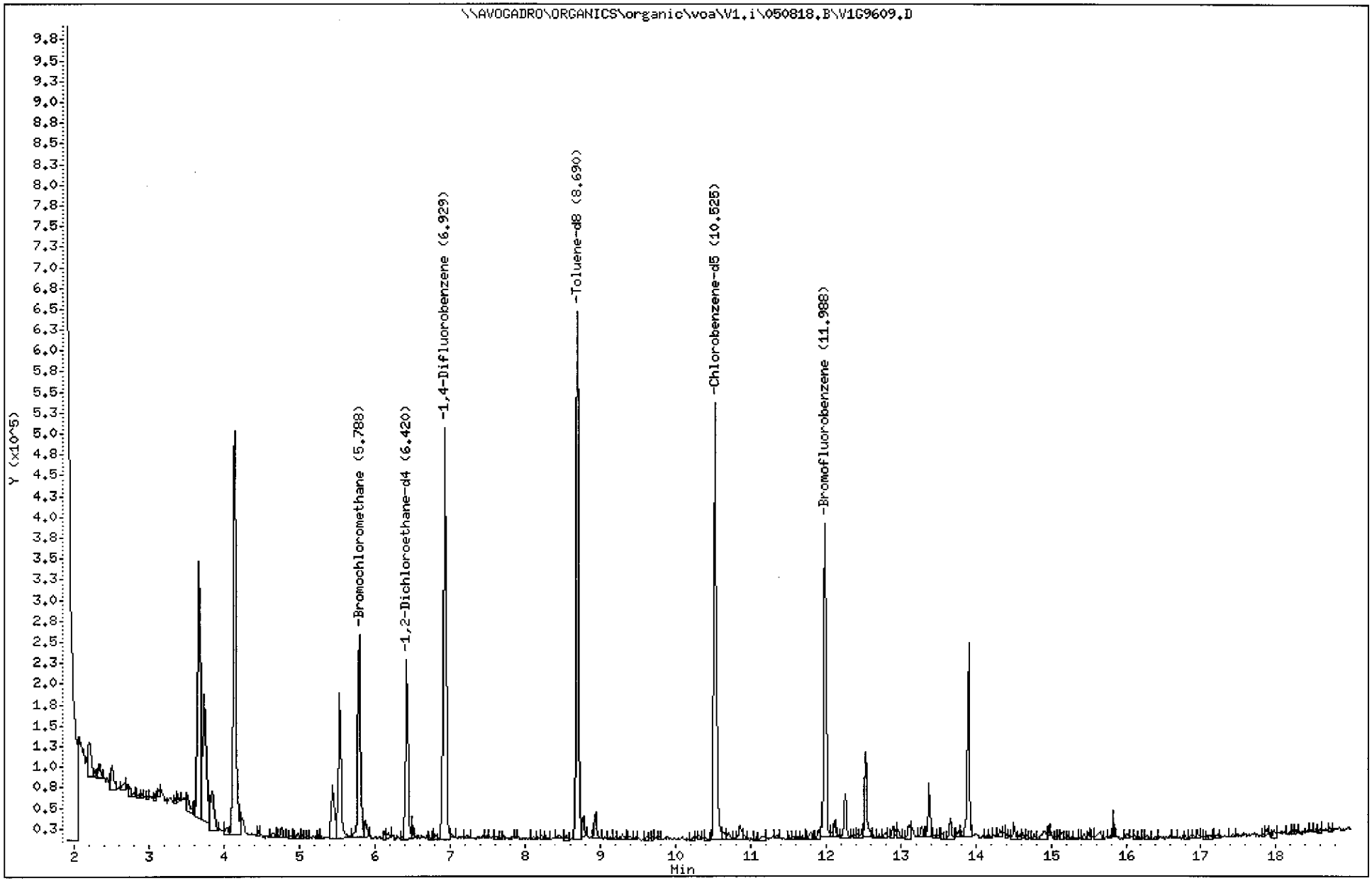
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9609.D
Date : 18-AUG-2005 20:55
Client ID: SD11-S-0
Instrument: V1.i
Sample Info: ,D0926-13C,,19555,
Operator: LG SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



0205

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9609.D
Report Date: 01-Sep-2005 11:06

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9609.D
Lab Smp Id: D0926-13C Client Smp ID: SD11-S-O
Inj Date : 18-AUG-2005 20:55
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-13C,,19555,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:48 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.500	Weight of sample (g)
M	81.000	% Moisture (not decanted)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	9 Acetone	43	3.655	3.667	(0.631)	571177	263.242	1300(A)
	10 Carbon Disulfide	76	3.853	3.866	(0.666)	18504	1.65612	8(a)
	12 Methylene Chloride	84	4.138	4.139	(0.715)	253343	80.7464	390
	16 2-Butanone	43	5.527	5.527	(0.955)	295306	120.682	580
*	18 Bromochloromethane	128	5.788	5.788	(1.000)	71344	50.0000	
	19 Chloroform	83	5.875	5.875	(1.015)	17138	3.08454	15(a)
$	23 1,2-Dichloroethane-d4	65	6.420	6.420	(1.109)	180374	49.7051	240
*	26 1,4-Difluorobenzene	114	6.929	6.929	(1.000)	452978	50.0000	
$	33 Toluene-d8	98	8.690	8.690	(0.826)	473619	52.4999	250
	34 Toluene	91	8.776	8.777	(0.834)	20467	1.82732	9(a)
*	42 Chlorobenzene-d5	117	10.525	10.525	(1.000)	324372	50.0000	
	43 Chlorobenzene	112	10.562	10.562	(1.004)	32706	4.96561	24(a)
$	50 Bromofluorobenzene	95	11.988	11.988	(1.139)	144205	39.7241	190
	53 1,4-Dichlorobenzene	146	13.377	13.377	(1.271)	28394	5.78085	28(a)

SB 9/1/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9609.D
Report Date: 01-Sep-2005 11:06

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9609.D
Report Date: 22-Aug-2005 14:44

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9609.D
Lab Smp Id: D0926-13C Client Smp ID: SD11-S-O
Inj Date : 18-AUG-2005 20:55
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-13C,,19555,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.500	Weight of sample (g)
M	81.000	% Moisture (not decanted)

ISTD	RT	AREA	AMOUNT
* 18 Bromochloromethane	5.788	614464	50.000
* 42 Chlorobenzene-d5	10.525	1249602	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Dimethyl sulfide				CAS #: 75-18-3			
3.729	530779	43.1904066	210	91	NIST98.L	324	18
Unknown				CAS #:			
3.828	199593	16.2412281	78	0		0	18

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9609.D
Report Date: 22-Aug-2005 14:44

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
5.441	196561	15.9945090	77	0		0	18
Cyclotetrasiloxane, octamethyl-				CAS #: 556-67-2			
12.261	135243	5.41144300	26	91	NIST98.L	115617	42
Unknown				CAS #:			
12.534	211142	8.44836996	40	0		0	42
Straight-chain Alkane				CAS #:			
13.910	428985	17.1648653	82	0		0	42

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9609.D

Date : 18-AUG-2005 20:55

Client ID: SD11-S-O

Instrument: V1.i

Sample Info: ,D0926-13C,,19555,

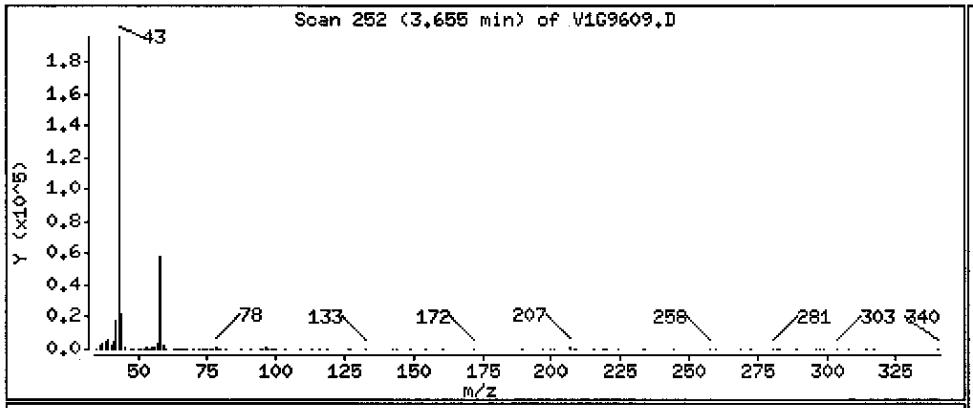
Operator: LG SRC: LIMS

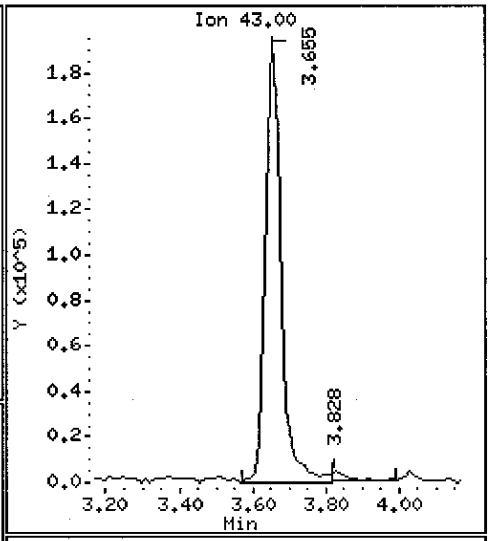
Column phase: DB-624

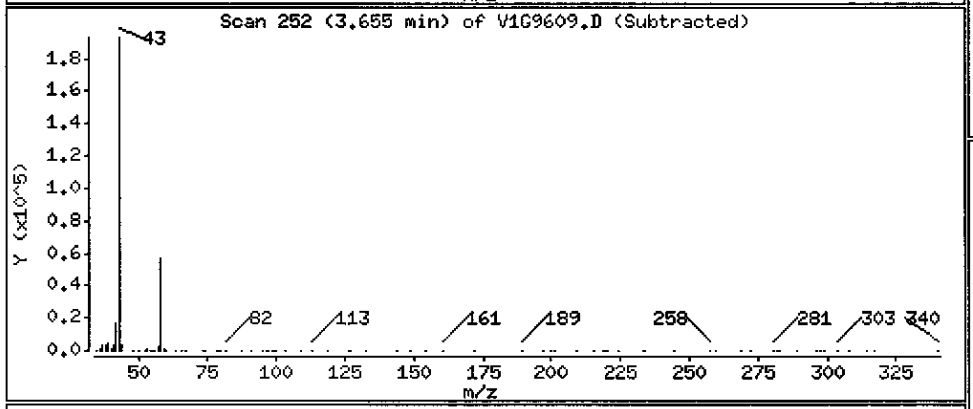
Column diameter: 0.25

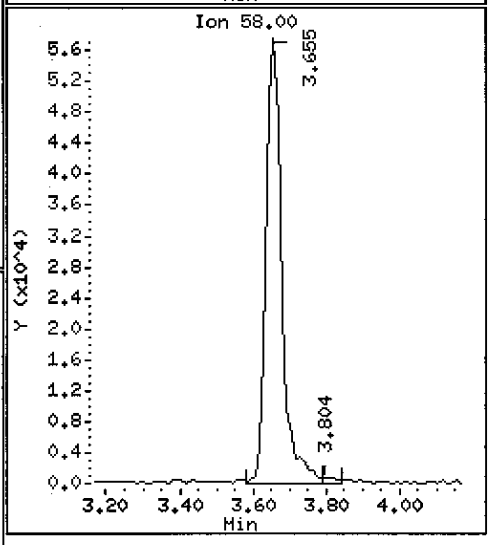
9 Acetone

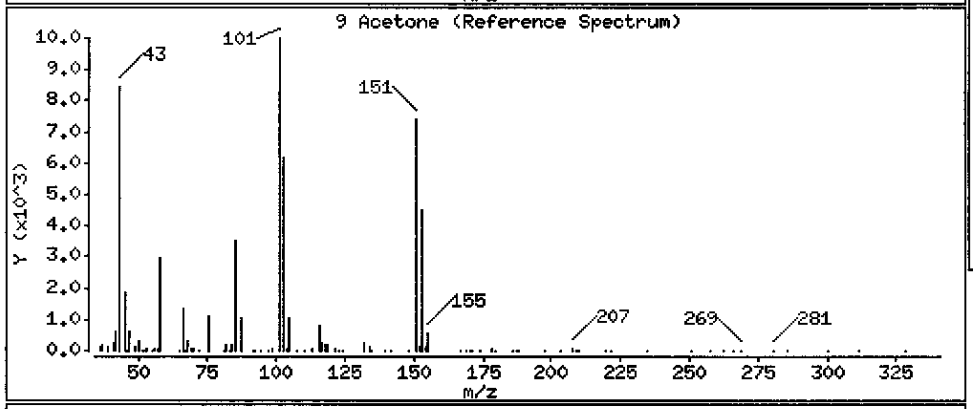
Concentration: 1300 ug/Kg

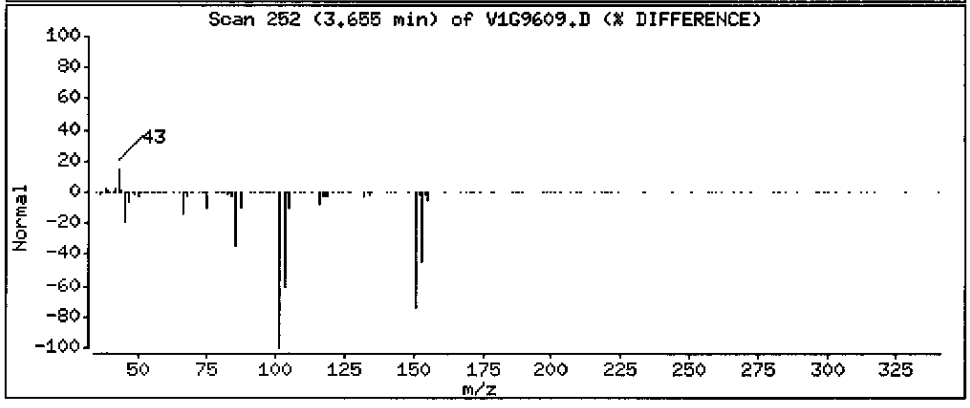












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9609.D

Date : 18-AUG-2005 20:55

Client ID: SD11-S-O

Instrument: V1.i

Sample Info: ,D0926-13C,,19555,

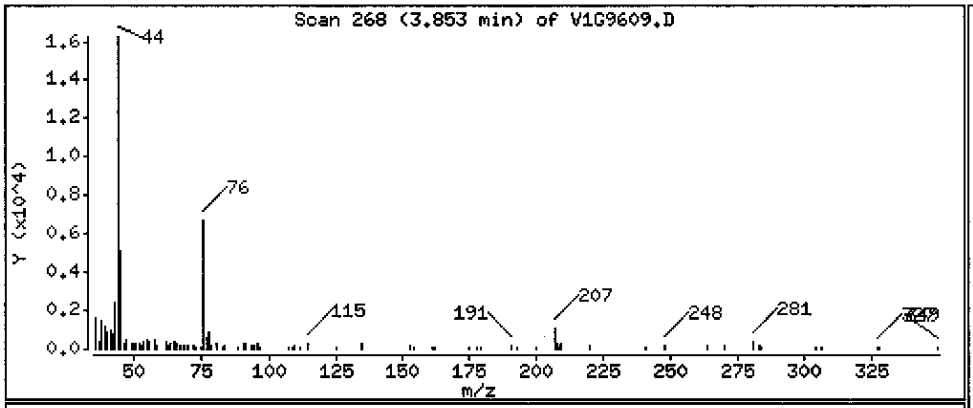
Operator: LG SRC: LIMS

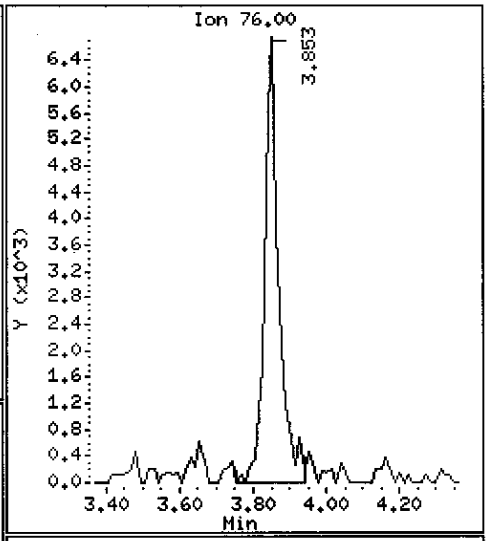
Column phase: DB-624

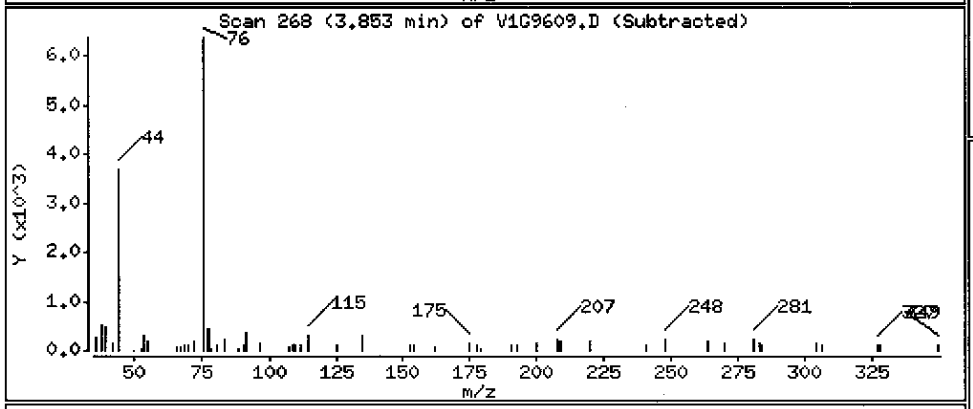
Column diameter: 0.25

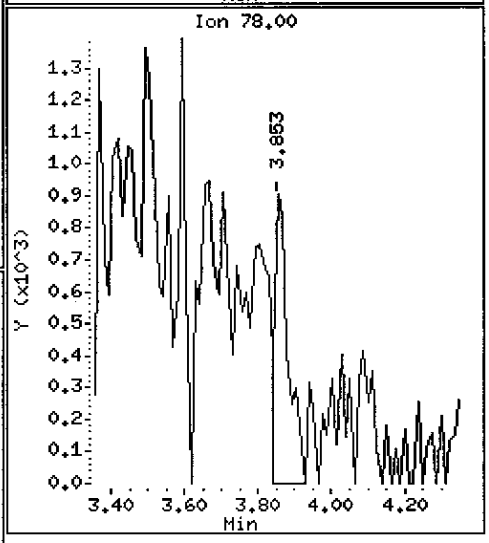
10 Carbon Disulfide

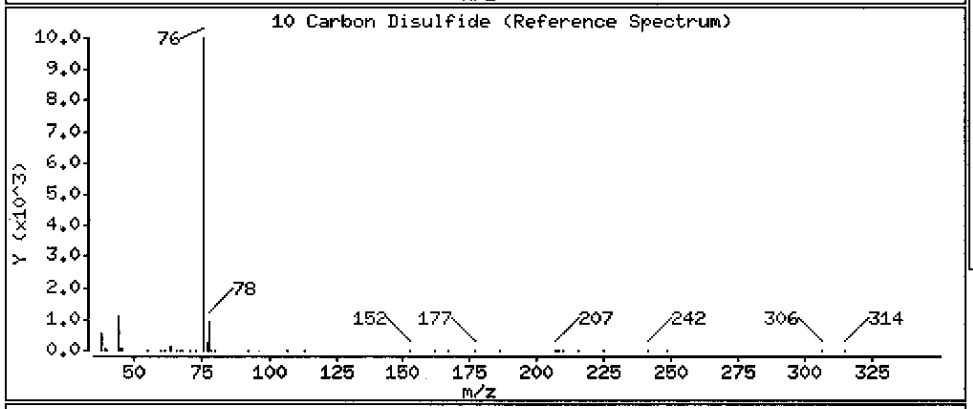
Concentration: 8 ug/Kg

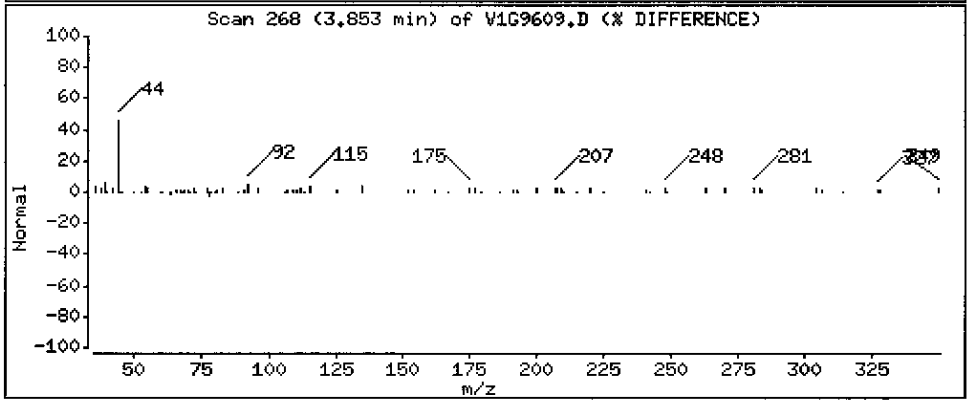












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9609.D

Date : 18-AUG-2005 20:55

Client ID: SD11-S-O

Instrument: V1.i

Sample Info: ,D0926-13C,,19555,

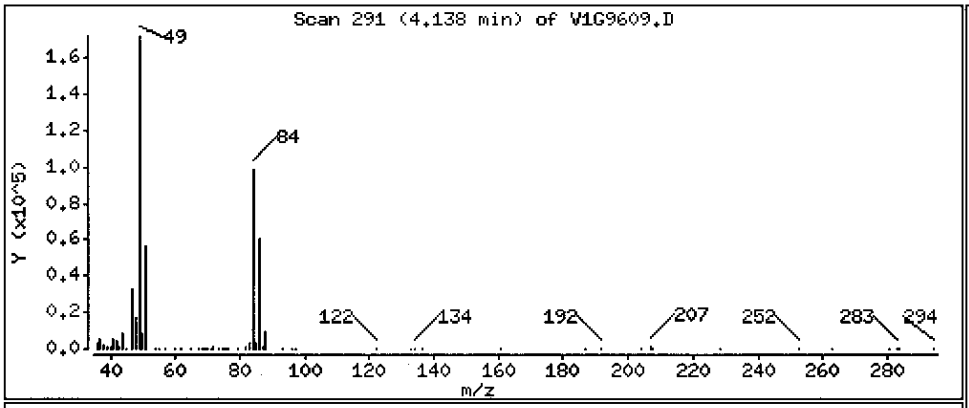
Operator: LG SRC: LIMS

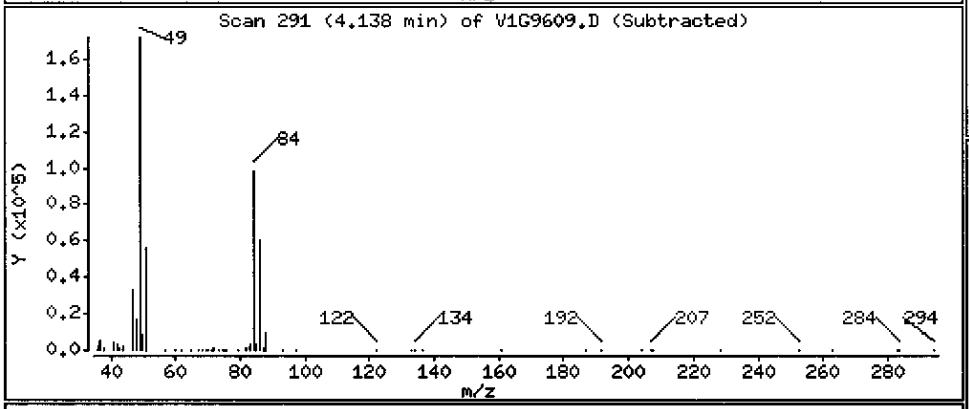
Column phase: DB-624

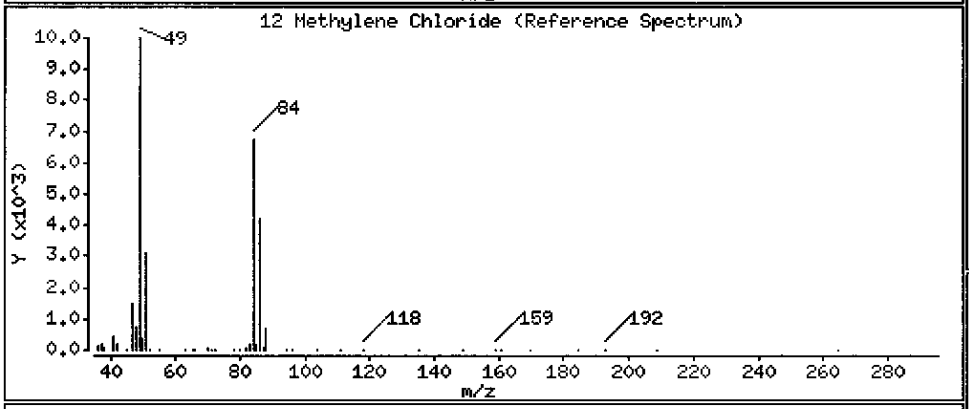
Column diameter: 0.25

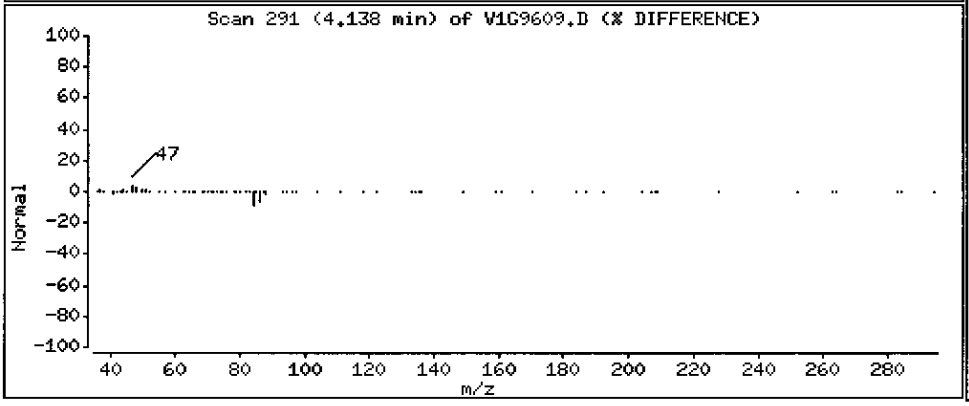
12 Methylene Chloride

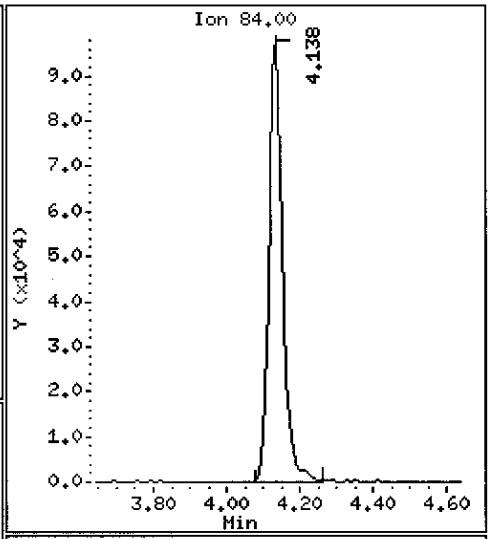
Concentration: 390 ug/Kg

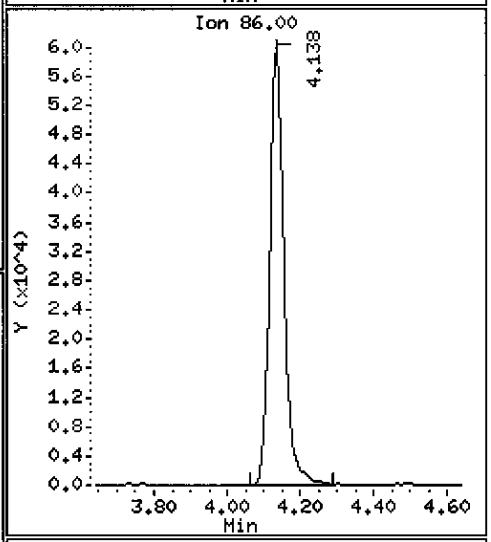


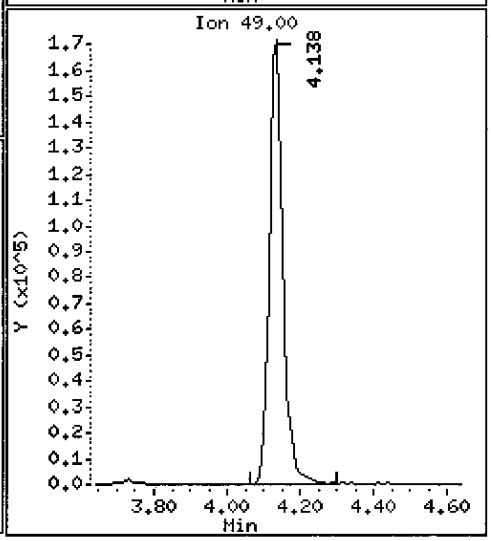












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9609.D

Date : 18-AUG-2005 20:55

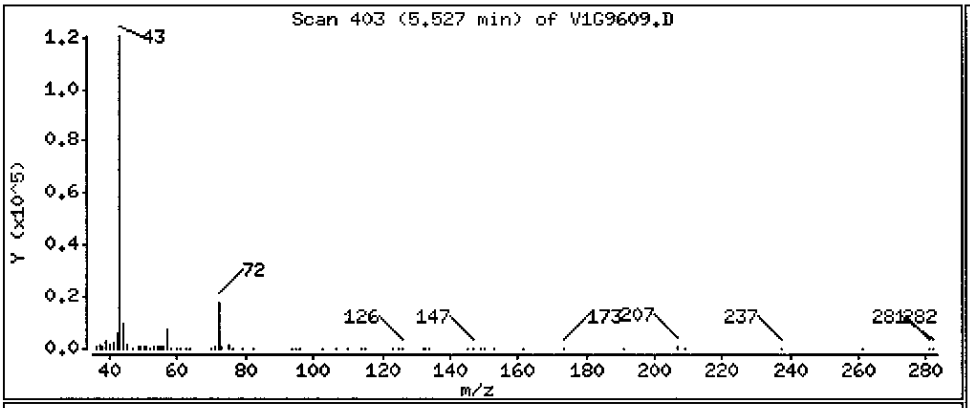
Client ID: SD11-S-0 Instrument: V1.i

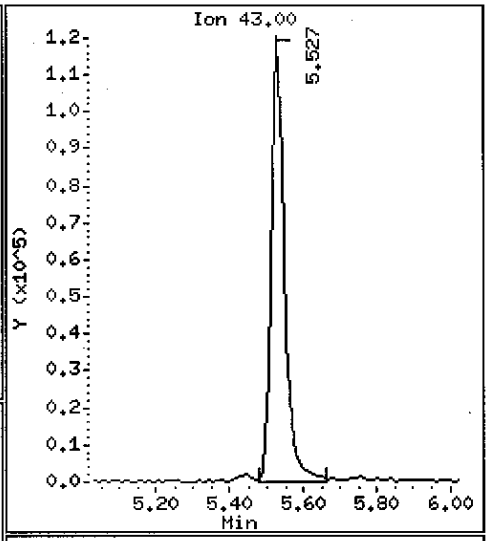
Sample Info: ,D0926-13C,,19555,

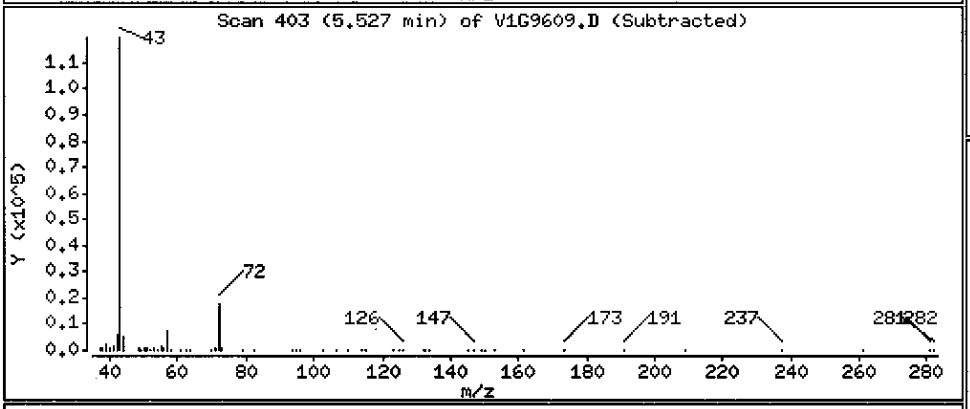
Operator: LG SRC: LIMS

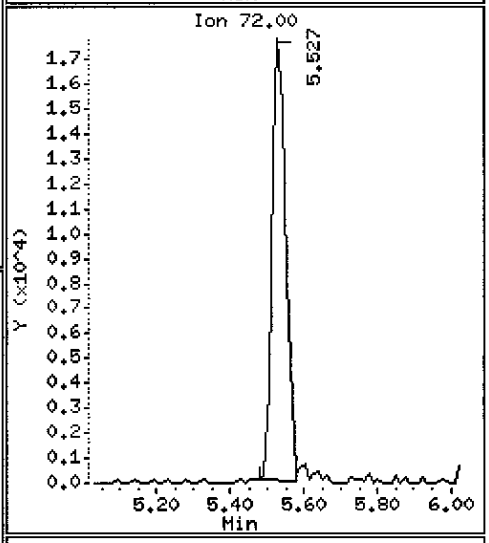
Column phase: DB-624 Column diameter: 0.25

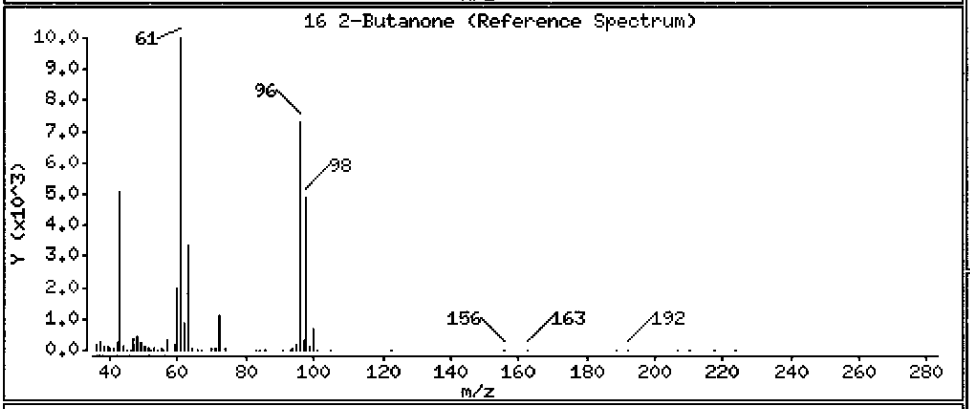
16 2-Butanone Concentration: 580 ug/Kg

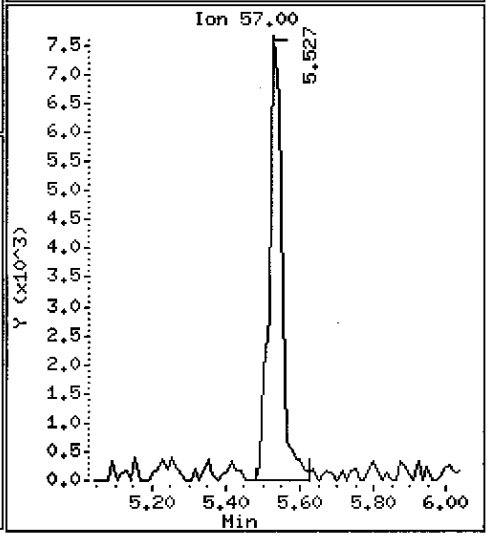


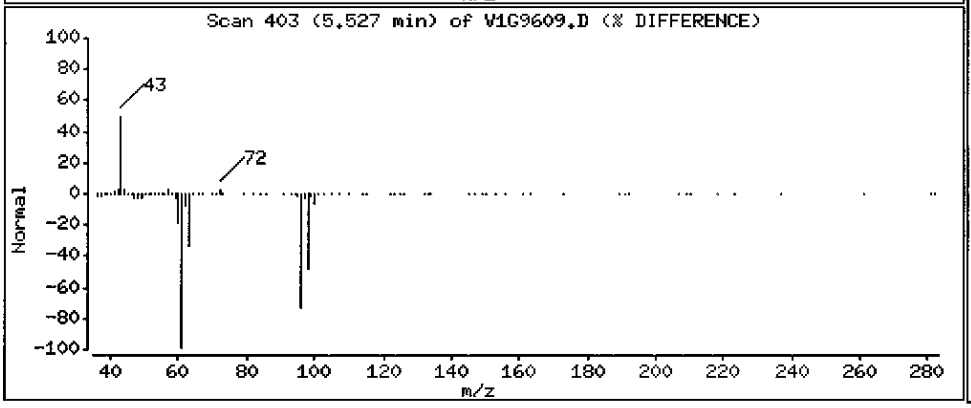












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9609.D

Date : 18-AUG-2005 20:55

Client ID: SD11-S-0

Instrument: V1.i

Sample Info: ,D0926-13C,,19555,

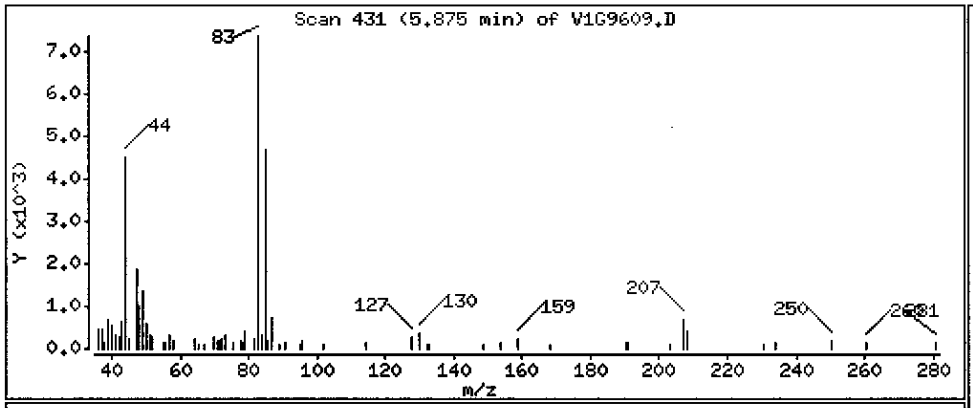
Operator: LG SRC: LIMS

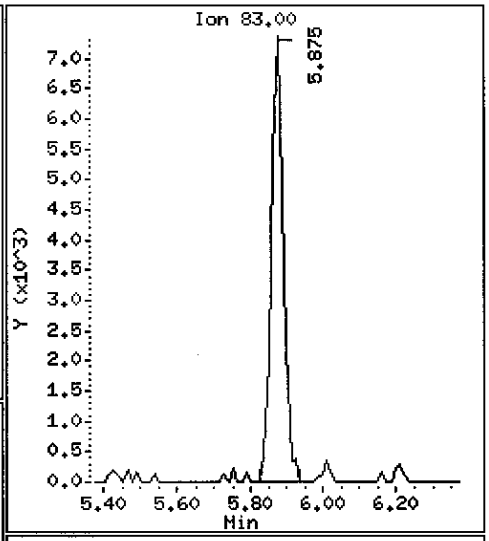
Column phase: DB-624

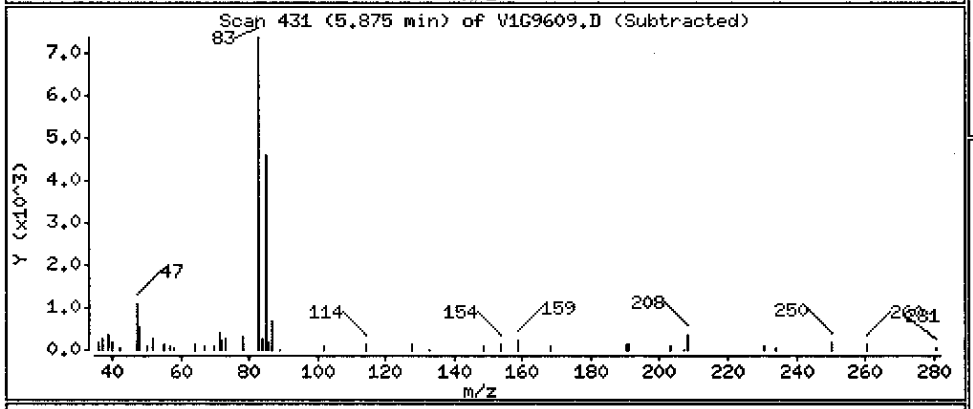
Column diameter: 0.25

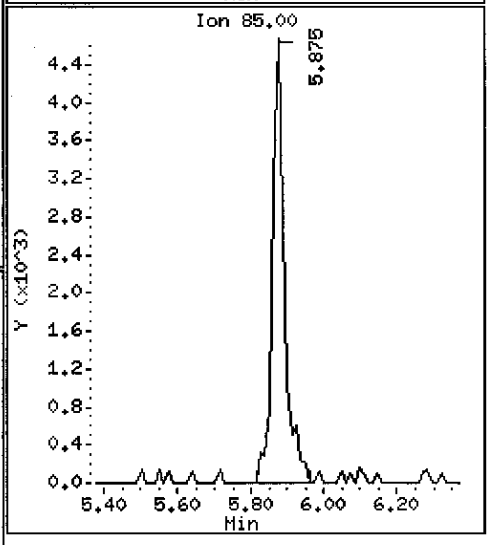
19 Chloroform

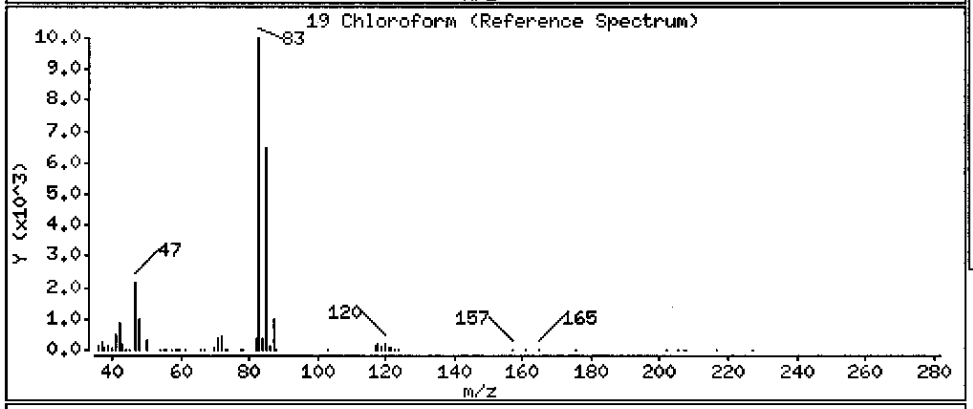
Concentration: 15 ug/Kg

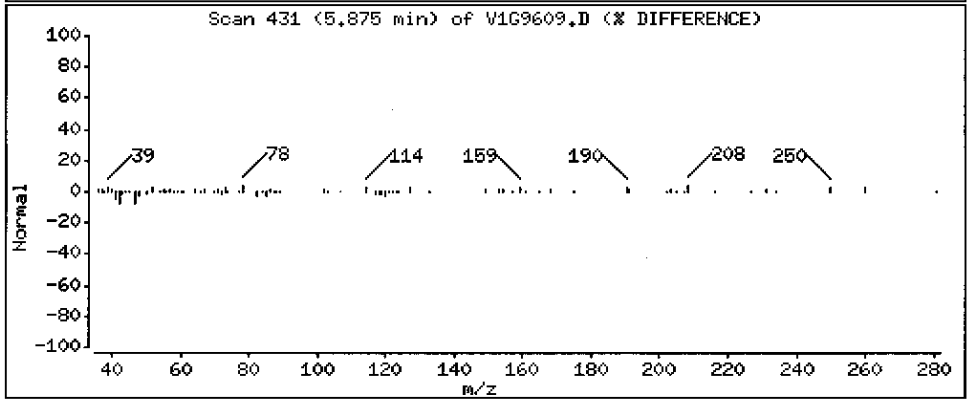












Data File: \\AVOCADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9609.D

Date : 18-AUG-2005 20:55

Client ID: SD11-S-O

Instrument: V1.i

Sample Info: ,D0926-13C,,19555,

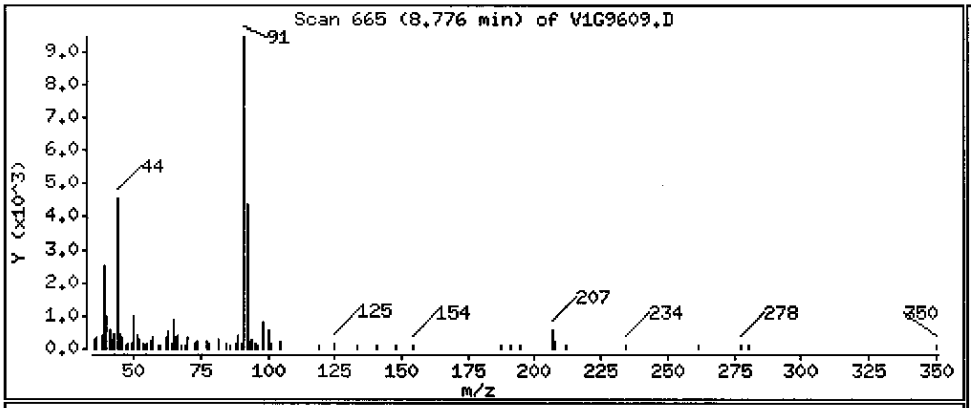
Operator: LG SRC: LIMS

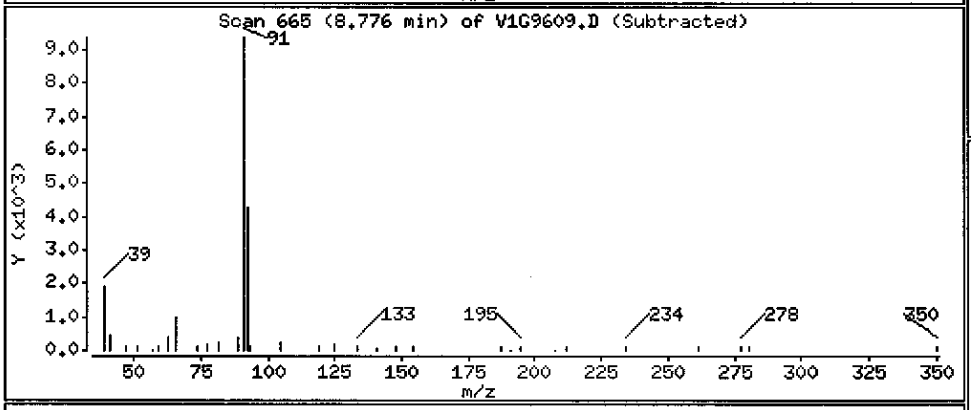
Column phase: DB-624

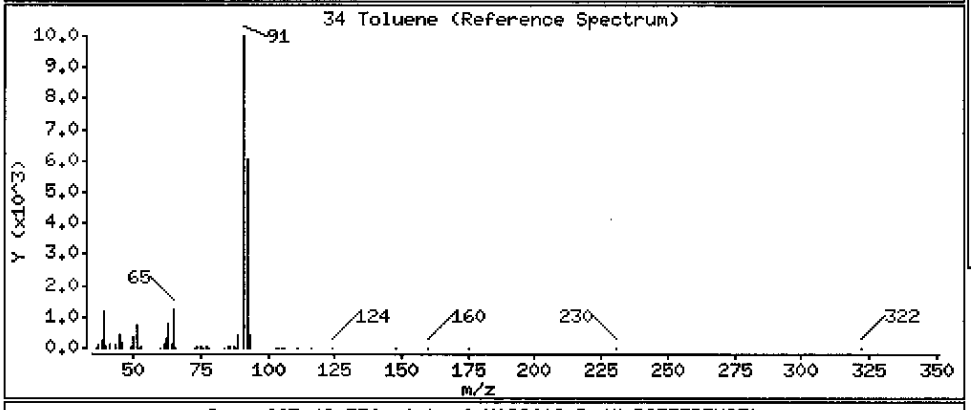
Column diameter: 0.25

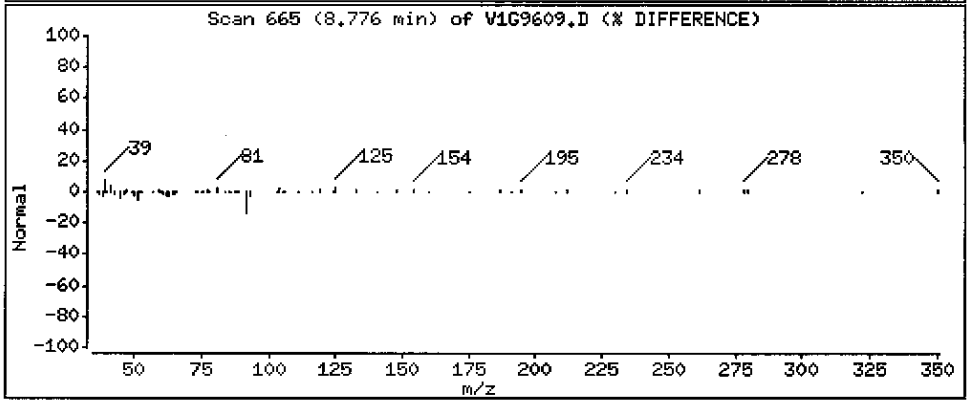
34 Toluene

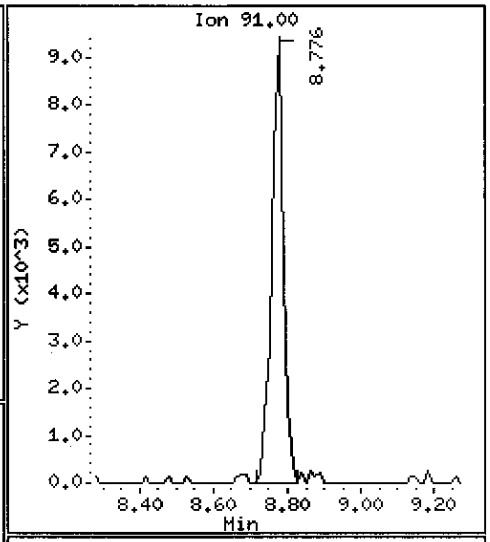
Concentration: 9 ug/Kg

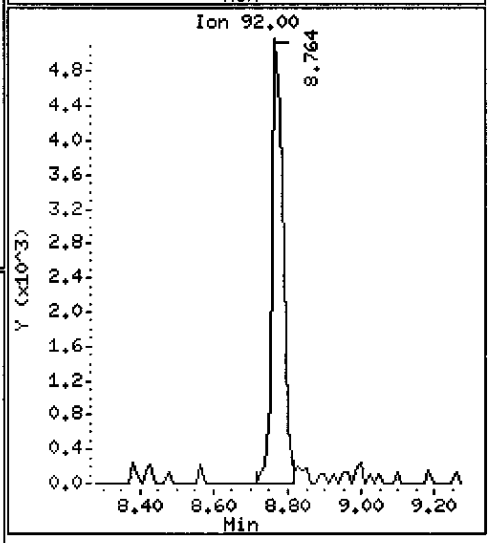












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9609.D

Date : 18-AUG-2005 20:55

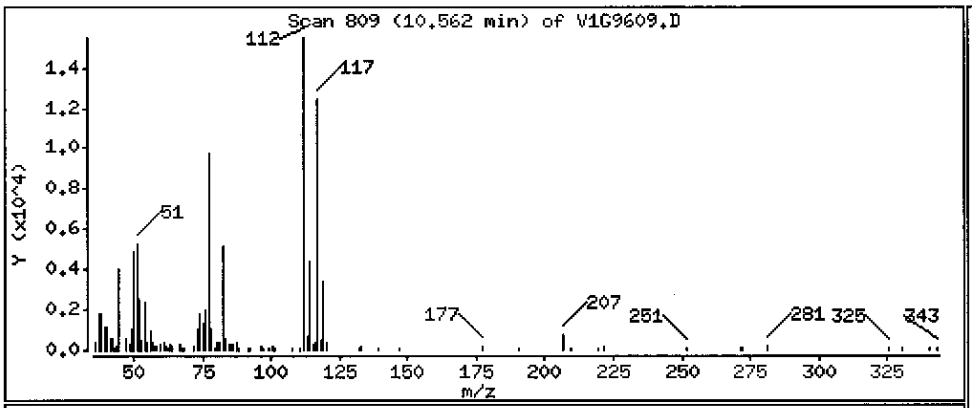
Client ID: SD11-S-0 Instrument: V1.i

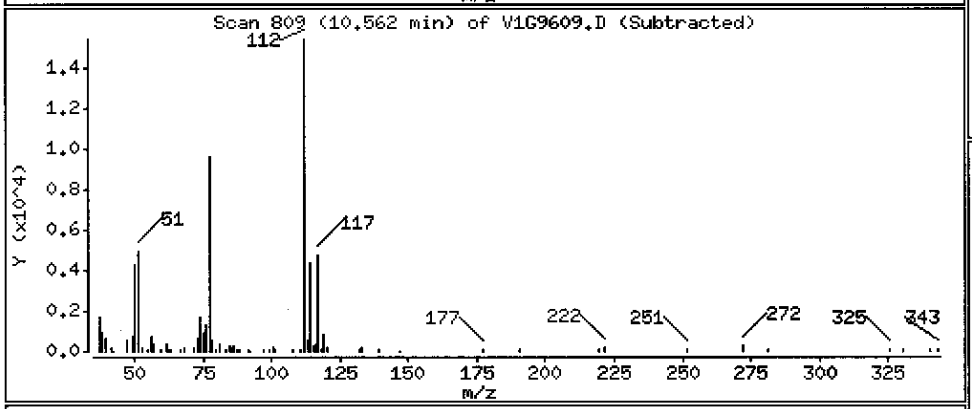
Sample Info: ,D0926-13C,,19555,

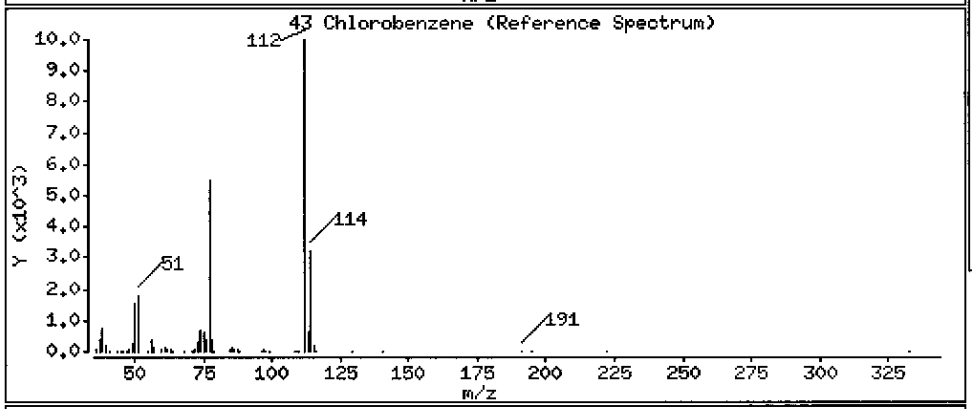
Operator: LG SRC: LIMS

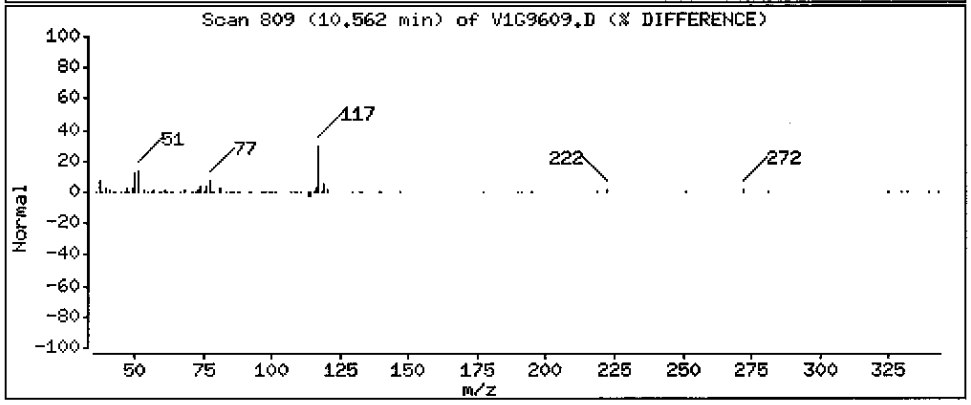
Column phase: DB-624 Column diameter: 0.25

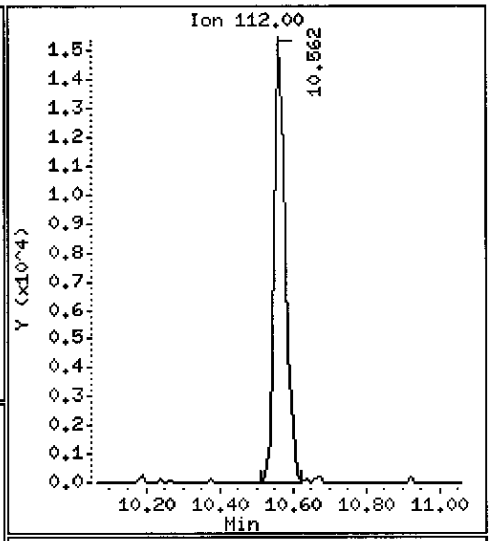
43 Chlorobenzene Concentration: 24 ug/Kg

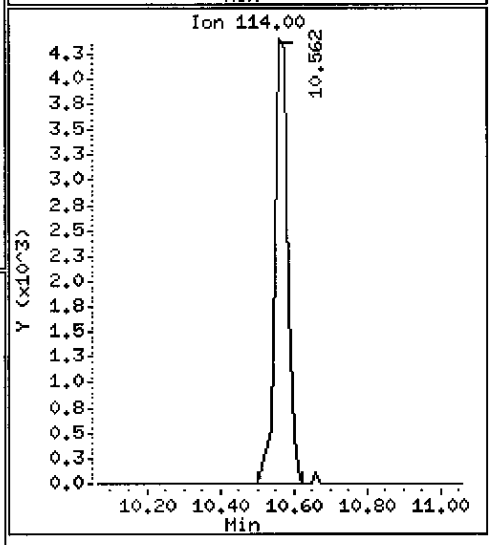












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9609.D

Date : 18-AUG-2005 20:55

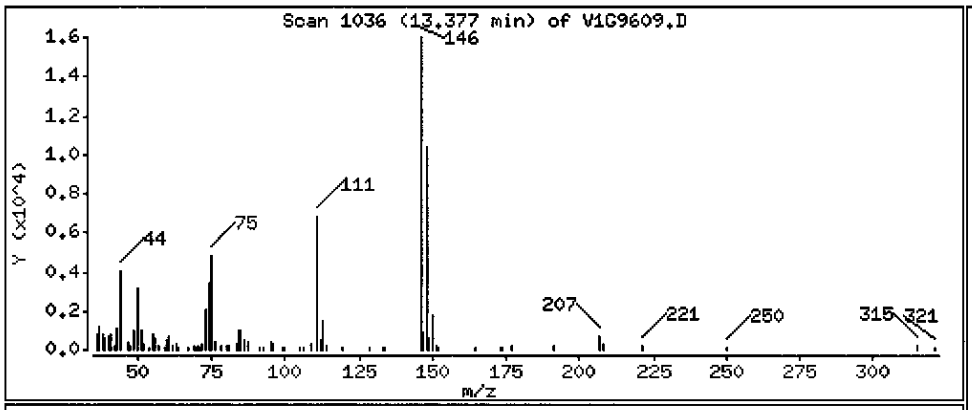
Client ID: SD11-S-0 Instrument: V1.i

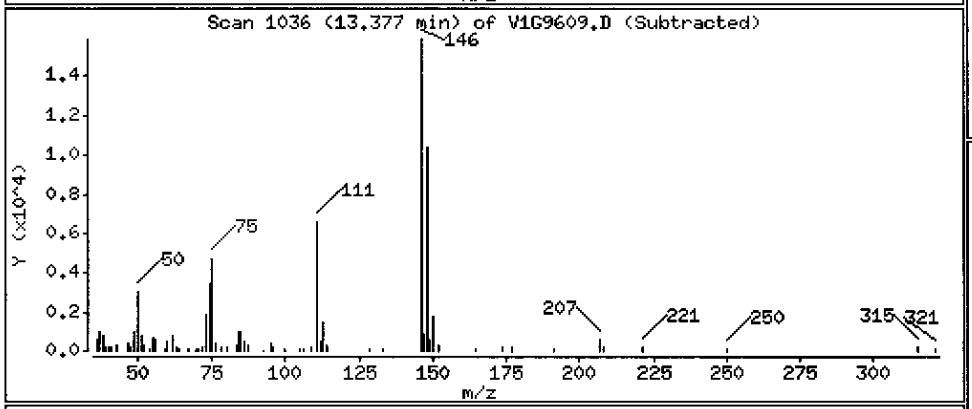
Sample Info: ,D0926-13C,,19555,

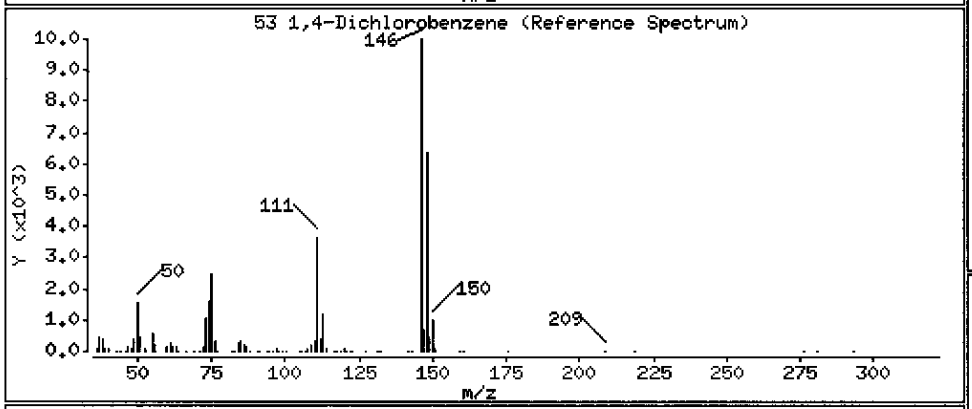
Operator: LG SRC: LIMS

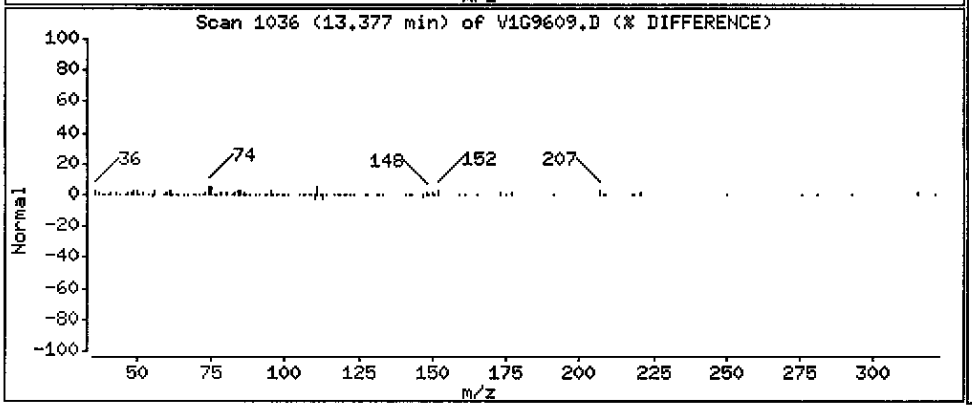
Column phase: DB-624 Column diameter: 0.25

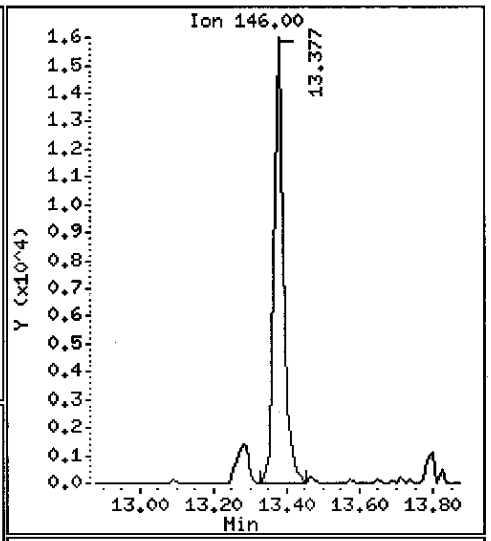
53 1,4-Dichlorobenzene Concentration: 28 ug/Kg

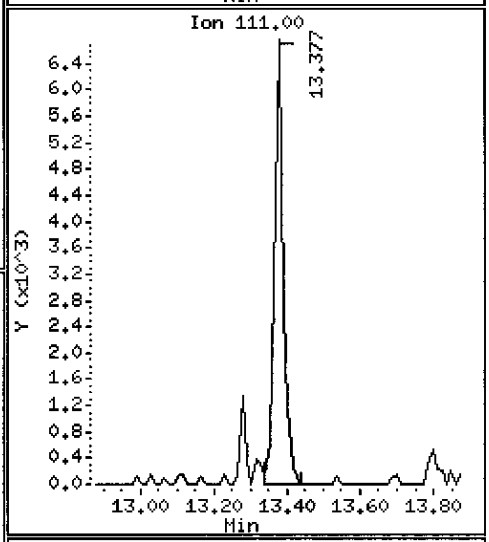


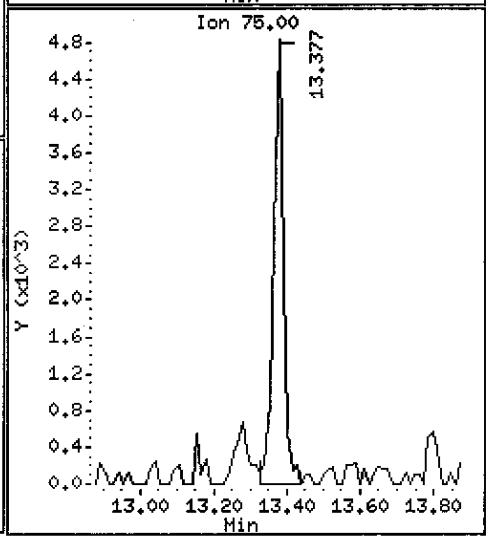












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9609.D

Date : 18-AUG-2005 20:55

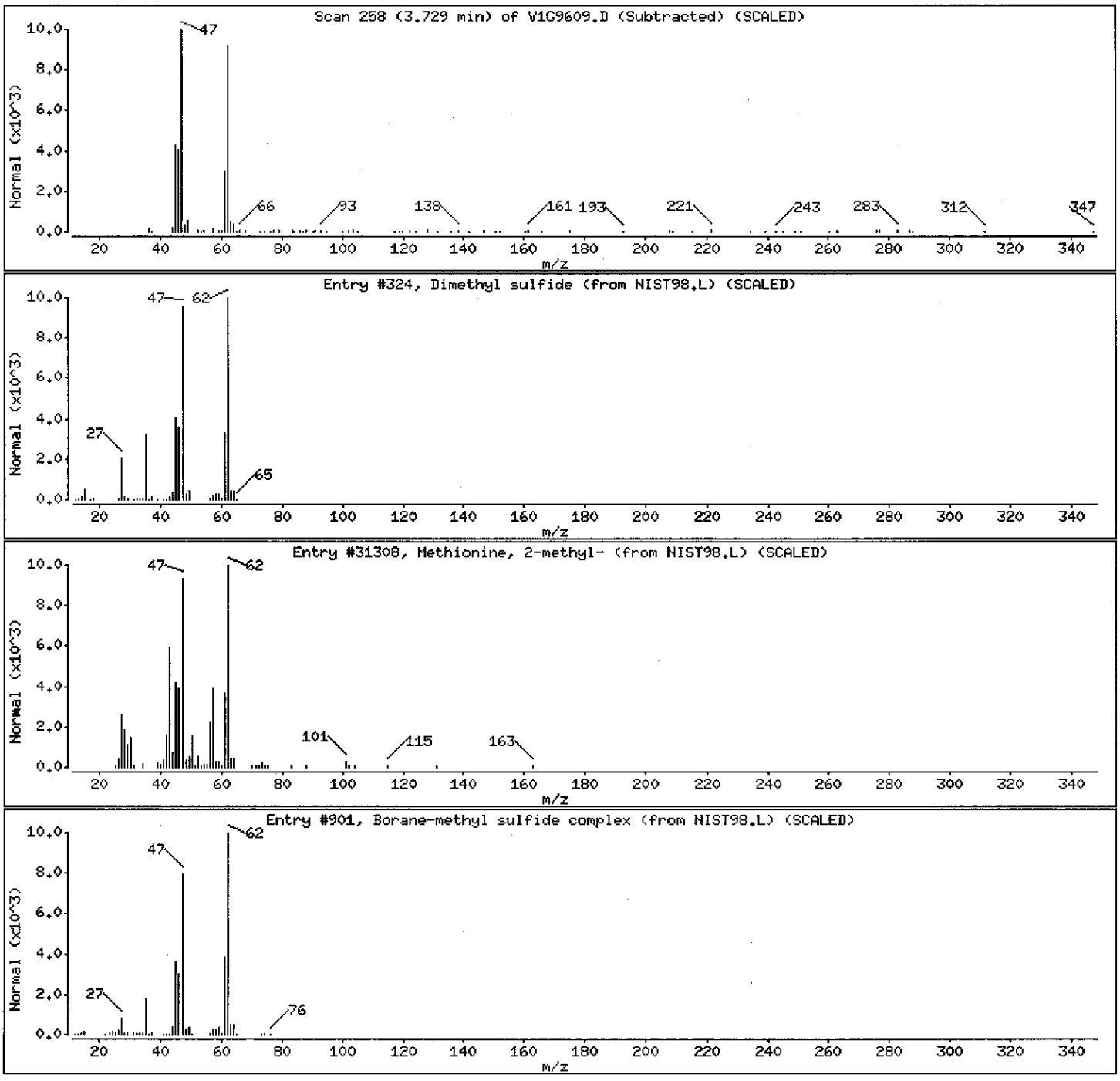
Client ID: SD11-S-0 Instrument: V1.i

Sample Info: ,D0926-13C,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethyl sulfide	75-18-3	NIST98.L	324	91	C2H6S	62
Methionine, 2-methyl-	562-48-1	NIST98.L	31308	90	C6H13NO2S	163
Borane-methyl sulfide complex	13292-87-0	NIST98.L	901	83	C2H9BS	76



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9609.D

Date : 18-AUG-2005 20:55

Client ID: SD11-S-O

Instrument: V1.i

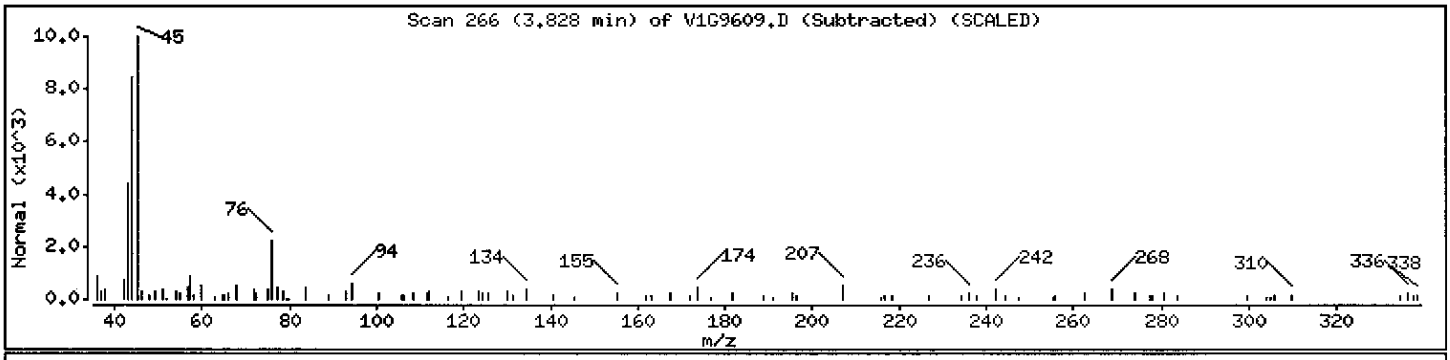
Sample Info: ,D0926-13C,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9609.D

Date : 18-AUG-2005 20:55

Client ID: SD11-S-O

Instrument: V1.i

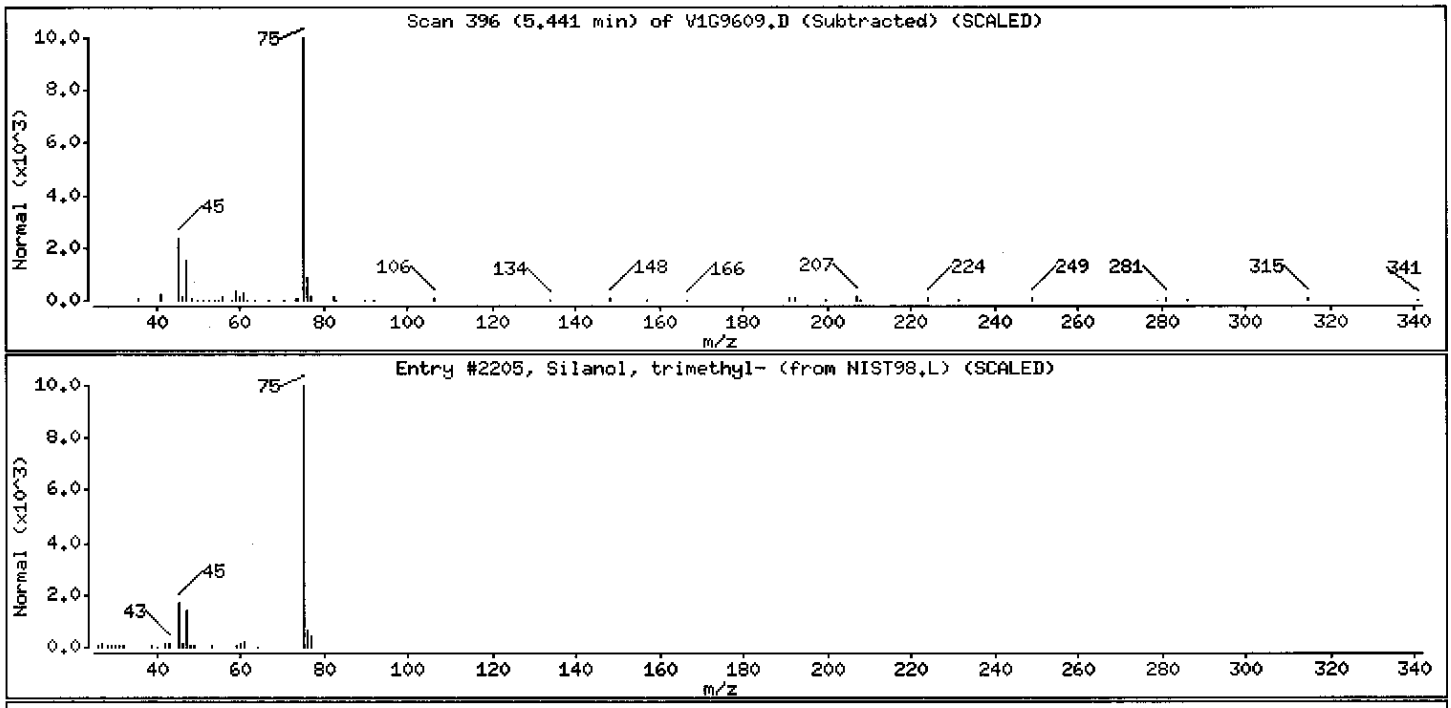
Sample Info: ,D0926-13C,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Silanol, trimethyl-	1066-40-6	NIST98.L	2205	72	C3H10OSi	90



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9609.D

Date : 18-AUG-2005 20:55

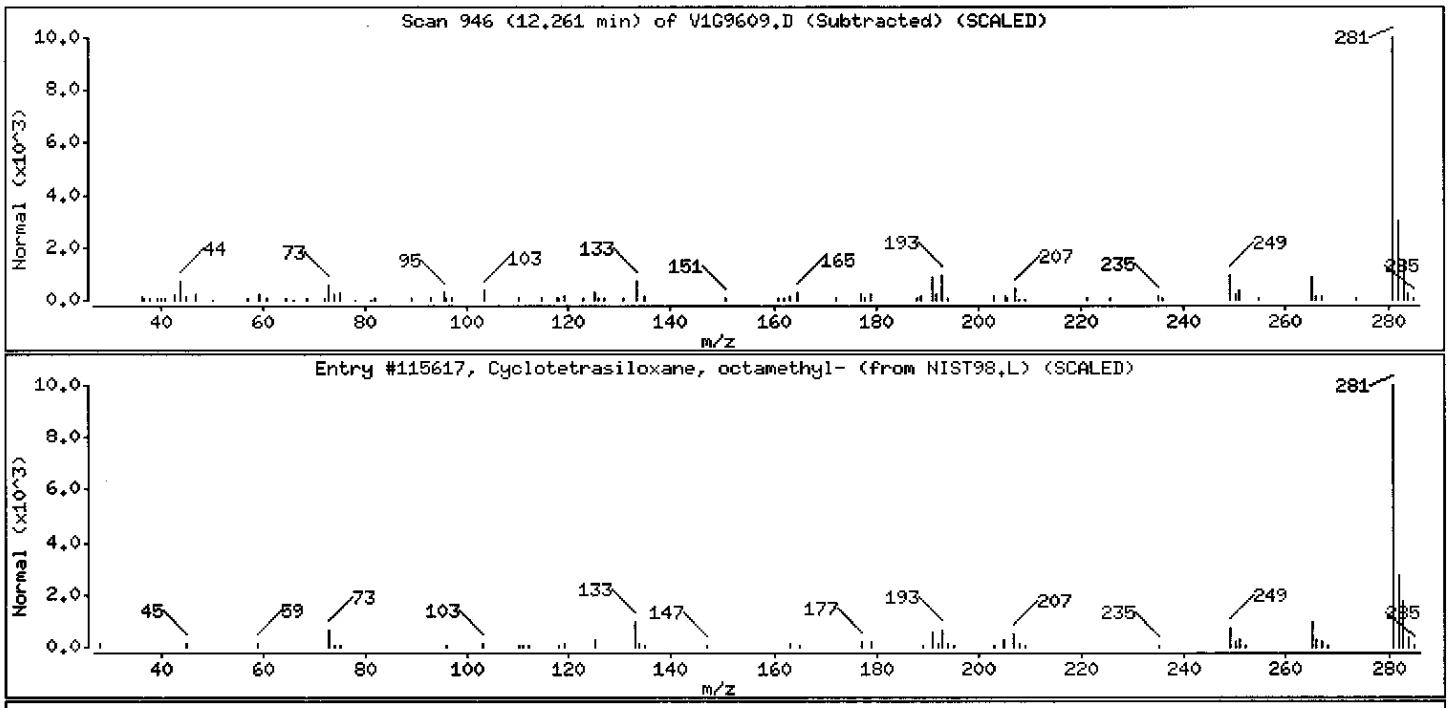
Client ID: SD11-S-0 Instrument: V1.i

Sample Info: ,D0926-13C,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST98.L	115617	91	C8H24O4Si4	296



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Date : 18-AUG-2005 20:55

Client ID: SD11-S-O

Instrument: V1.i

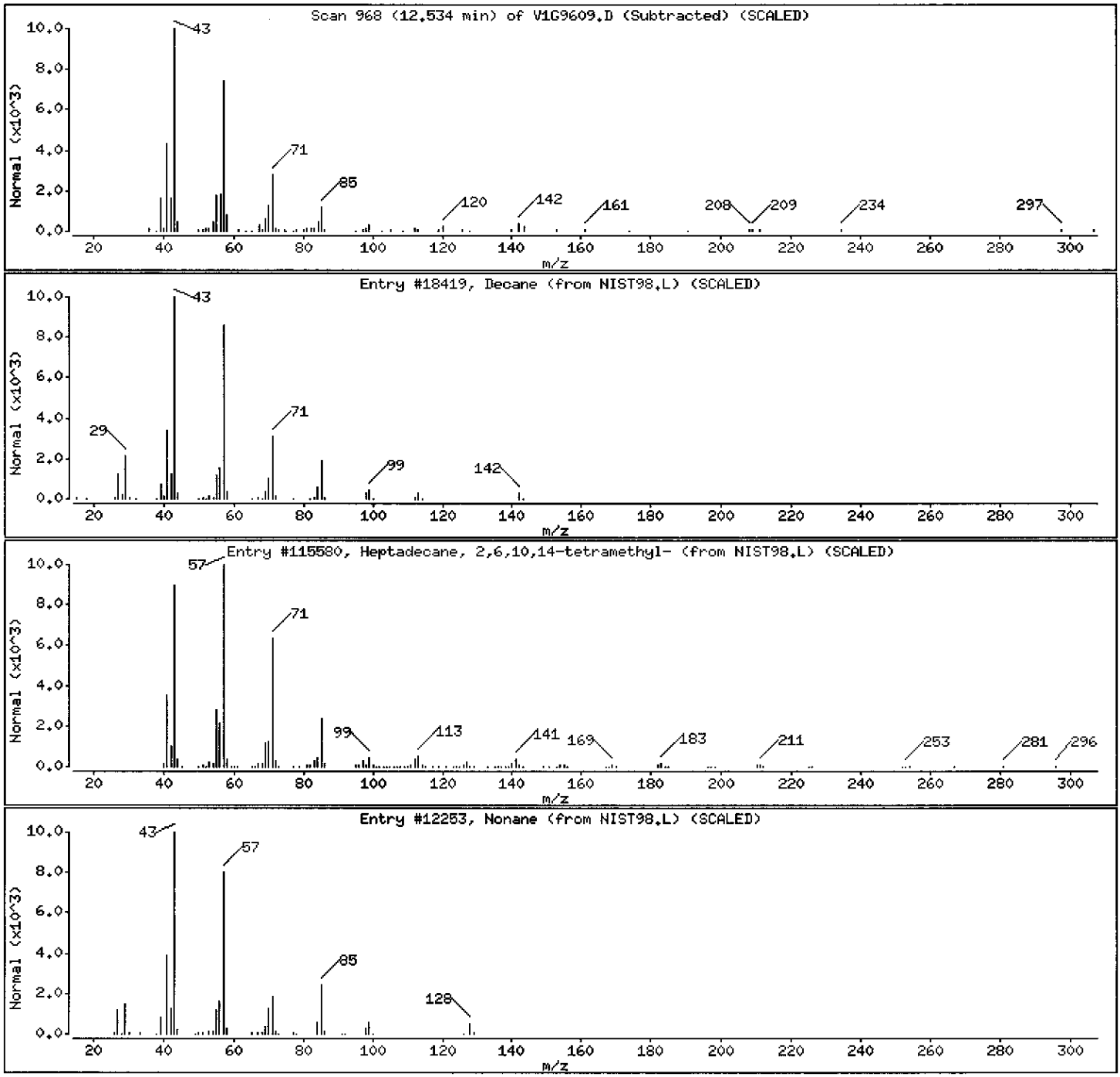
Sample Info: ,D0926-13C,,19555,

Operator: LG SRC: LIMS

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Decane	124-18-5	NIST98.L	18419	83	C10H22	142
Heptadecane, 2,6,10,14-tetramethyl-	18344-37-1	NIST98.L	115580	72	C21H44	296
Nonane	111-84-2	NIST98.L	12253	72	C9H20	128



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9609.D

Date : 18-AUG-2005 20:55

Client ID: SD11-S-O

Instrument: V1.i

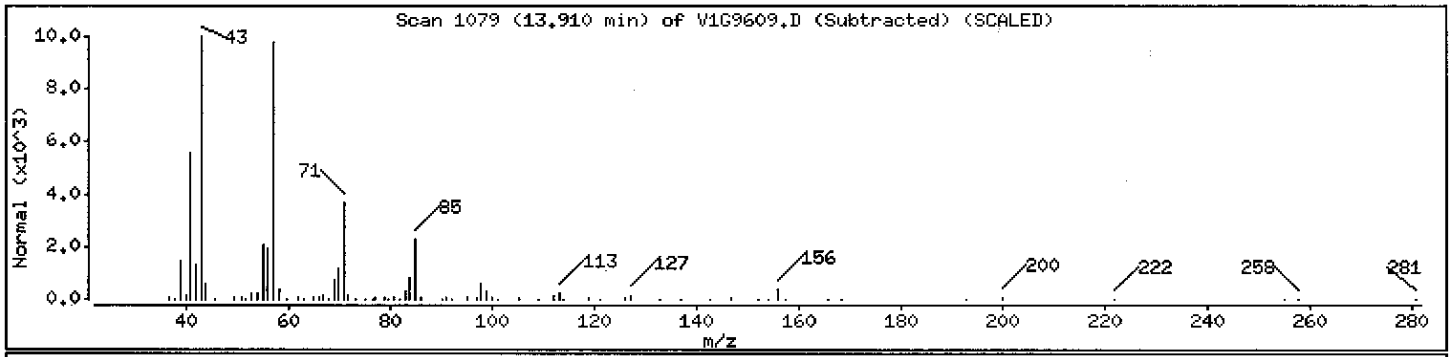
Sample Info: ,D0926-13C,,19555,

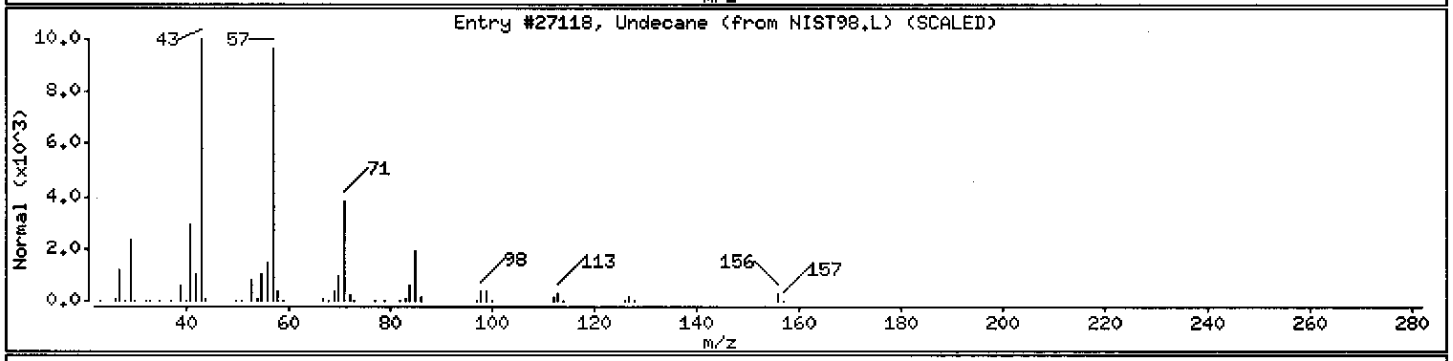
Operator: LG SRC: LIMS

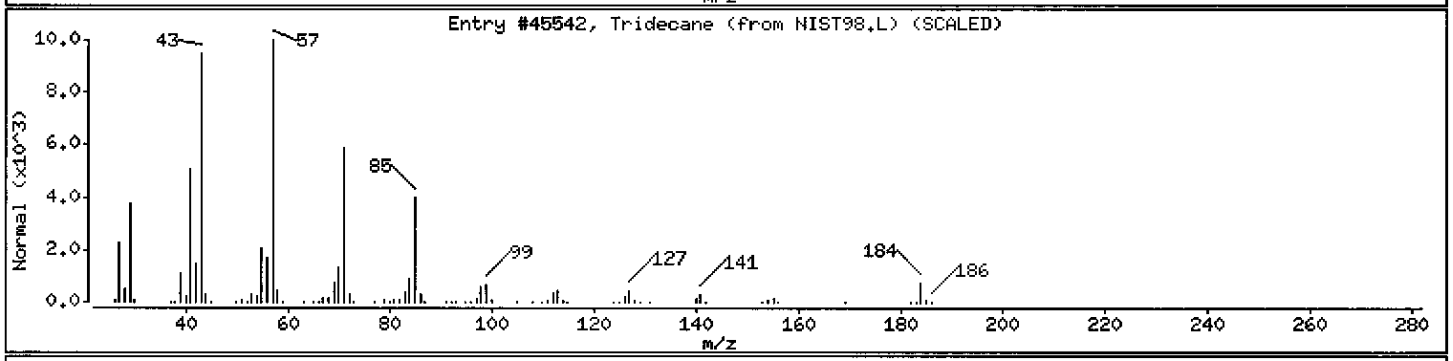
Column phase: DB-624

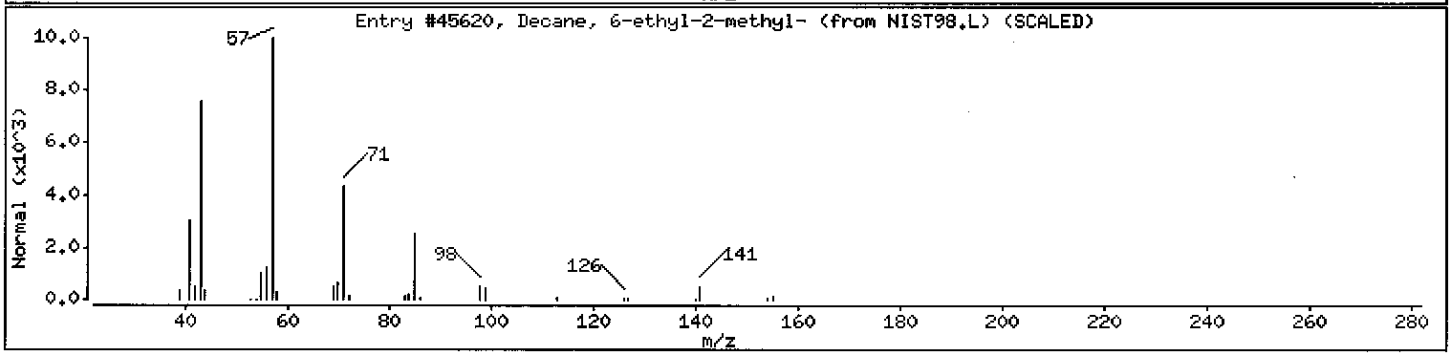
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-chain Alkane						
Undecane	1120-21-4	NIST98.L	27118	94	C11H24	156
Tridecane	629-50-5	NIST98.L	45542	78	C13H28	184
Decane, 6-ethyl-2-methyl-	62108-21-8	NIST98.L	45620	72	C13H28	184









1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SD11-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-13D

Sample wt/vol: 4.1 (g/mL) G Lab File ID: V6D7851

Level: (low/med) MED Date Received: 08/11/05

% Moisture: not dec. 81 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	8600	U
74-87-3	Chloromethane	8600	U
75-01-4	Vinyl Chloride	8600	U
74-83-9	Bromomethane	8600	U
75-00-3	Chloroethane	8600	U
75-69-4	Trichlorofluoromethane	8600	U
75-35-4	1,1-Dichloroethene	8600	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	8600	U
67-64-1	Acetone	4100	DJ
75-15-0	Carbon Disulfide	8600	U
79-20-9	Methyl Acetate	8700	D
75-09-2	Methylene Chloride	4500	DJ
156-60-5	trans-1,2-Dichloroethene	8600	U
1634-04-4	Methyl tert-Butyl Ether	8600	U
75-34-3	1,1-Dichloroethane	8600	U
156-59-2	cis-1,2-Dichloroethene	8600	U
78-93-3	2-Butanone	8600	U
67-66-3	Chloroform	8600	U
71-55-6	1,1,1-Trichloroethane	8600	U
110-82-7	Cyclohexane	8600	U
56-23-5	Carbon Tetrachloride	8600	U
71-43-2	Benzene	8600	U
107-06-2	1,2-Dichloroethane	8600	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD11-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-13D

Sample wt/vol: 4.1 (g/mL) G Lab File ID: V6D7851

Level: (low/med) MED Date Received: 08/11/05

% Moisture: not dec. 81 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	8600	U
108-87-2	Methylcyclohexane	8600	U
78-87-5	1,2-Dichloropropane	8600	U
75-27-4	Bromodichloromethane	8600	U
10061-01-5	cis-1,3-Dichloropropene	8600	U
108-10-1	4-Methyl-2-Pentanone	8600	U
108-88-3	Toluene	8600	U
10061-02-6	trans-1,3-Dichloropropene	8600	U
79-00-5	1,1,2-Trichloroethane	8600	U
127-18-4	Tetrachloroethene	8600	U
591-78-6	2-Hexanone	8600	U
124-48-1	Dibromochloromethane	8600	U
106-93-4	1,2-Dibromoethane	8600	U
108-90-7	Chlorobenzene	8600	U
100-41-4	Ethylbenzene	8600	U
1330-20-7	Xylene (Total)	8600	U
100-42-5	Styrene	8600	U
75-25-2	Bromoform	8600	U
98-82-8	Isopropylbenzene	8600	U
79-34-5	1,1,2,2-Tetrachloroethane	8600	U
541-73-1	1,3-Dichlorobenzene	8600	U
106-46-7	1,4-Dichlorobenzene	8600	U
95-50-1	1,2-Dichlorobenzene	8600	U
96-12-8	1,2-Dibromo-3-chloropropane	8600	U
120-82-1	1,2,4-Trichlorobenzene	8600	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD11-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-13D

Sample wt/vol: 4.1 (g/mL) G Lab File ID: V6D7851

Level: (low/med) MED Date Received: 08/11/05

% Moisture: not dec. 81 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

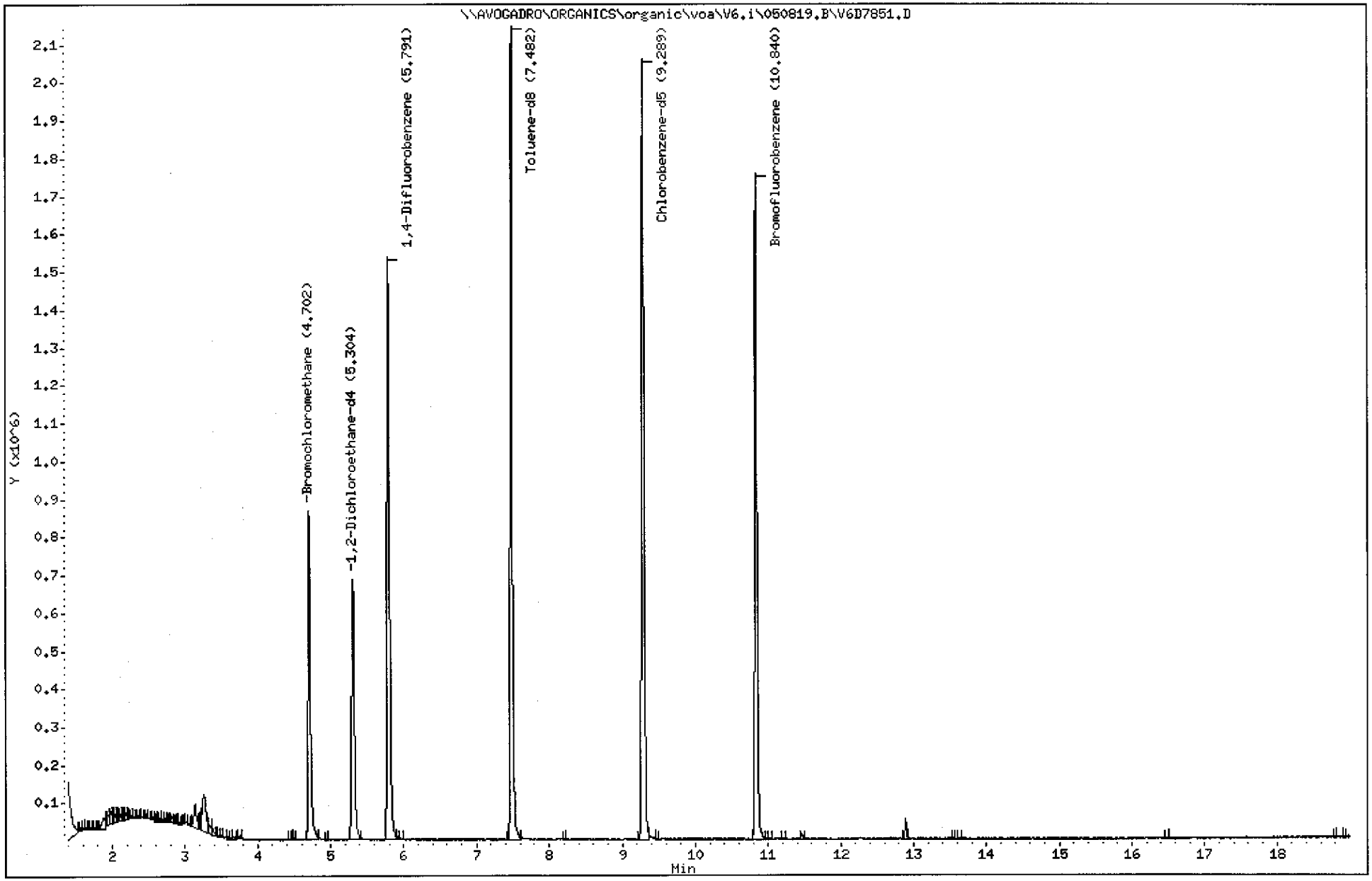
	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7851.D
Date : 19-AUG-2005 17:48
Client ID: SD11-S-ODL
Sample Info: ,D0926-13D,,19570

Instrument: V6.i

Operator: SB SRC: LIMS
Column diameter: 0.25

Column phase: DB-624



0227

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7851.D
Report Date: 23-Aug-2005 14:49

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7851.D
Lab Smp Id: D0926-13D Client Smp ID: SD11-S-ODL
Inj Date : 19-AUG-2005 17:48
Operator : SB SRC: LIMS Inst ID: V6.i
Smp Info : ,D0926-13D,,19570
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\v6clp4s.m
Meth Date : 23-Aug-2005 14:45 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 11:14 Cal File: V6D7841.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula:
Amt * DF * Uf * ((Vt+(Ws*M *10)) * 5)/(Va * Ws * ((100-M)/100))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	4.100	Weight of sample extracted (g)
M	81.000	% Moisture (not decanted)
Vt	10000.000	Methanol extract volume (uL)
Va	100.000	Aliquot of methanol (uL)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	9 Acetone	43	2.822	2.816	(0.600)	21709	4.76102	4100(a)
	11 Methyl Acetate	43	3.138	3.133	(0.667)	84567	10.1712	8700
	12 Methylene Chloride	84	3.260	3.261	(0.693)	75345	5.22511	4500(a)
*	18 Bromochloromethane	128	4.702	4.708	(1.000)	272457	50.0000	
$	23 1,2-Dichloroethane-d4	65	5.304	5.305	(1.128)	574672	48.4865	41000
*	26 1,4-Difluorobenzene	114	5.791	5.791	(1.000)	1540090	50.0000	
$	33 Toluene-d8	98	7.482	7.482	(0.805)	1770643	50.5449	43000
*	42 Chlorobenzene-d5	117	9.289	9.289	(1.000)	1474096	50.0000	
$	50 Bromofluorobenzene	95	10.840	10.841	(1.167)	713715	47.7271	41000

8/23/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7851.D
Report Date: 23-Aug-2005 14:49

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7851.D
Report Date: 23-Aug-2005 14:49

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7851.D
Lab Smp Id: D0926-13D Client Smp ID: SD11-S-ODL
Inj Date : 19-AUG-2005 17:48
Operator : SB SRC: LIMS Inst ID: V6.i
Smp Info : ,D0926-13D,,19570
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\v6clp4s.m
Meth Date : 23-Aug-2005 14:45 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 11:14 Cal File: V6D7841.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7851.D

Date : 19-AUG-2005 17:48

Client ID: SD11-S-ODL

Instrument: V6.i

Sample Info: ,D0926-13D,,19570

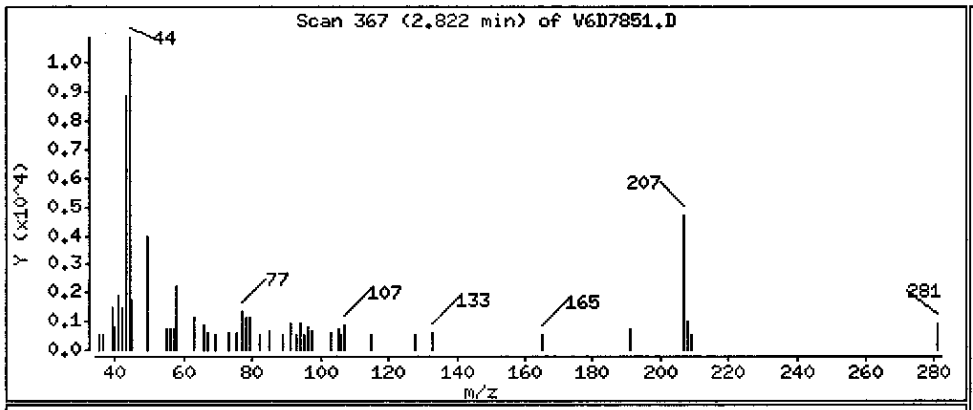
Operator: SB SRC: LIMS

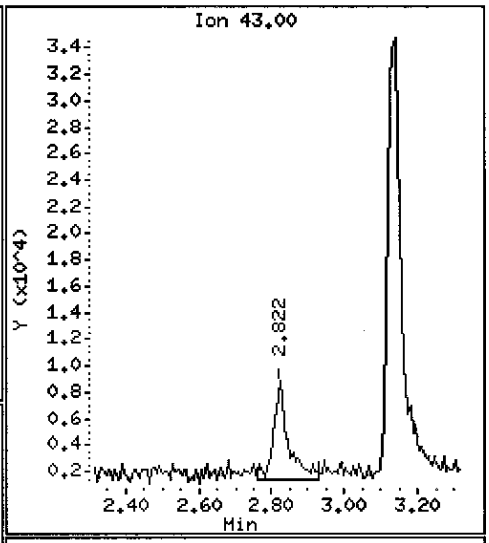
Column phase: DB-624

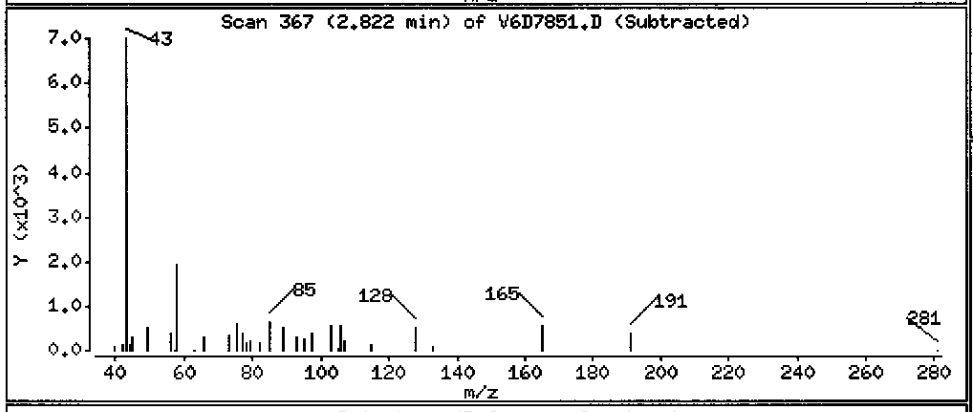
Column diameter: 0.25

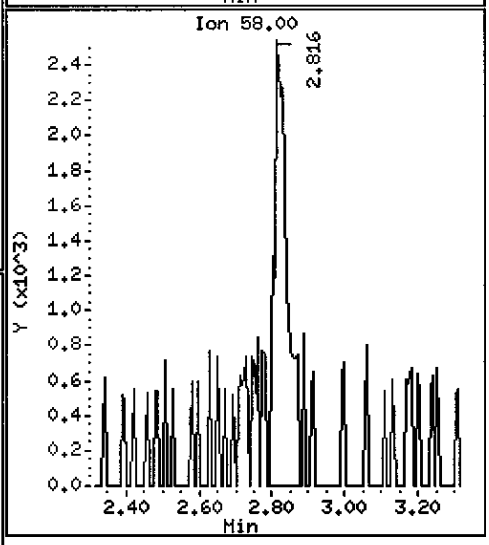
9 Acetone

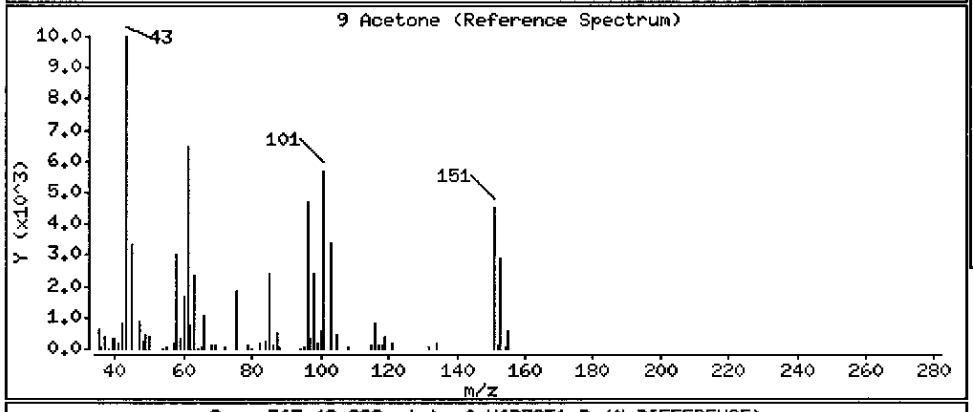
Concentration: 4100 ug/Kg

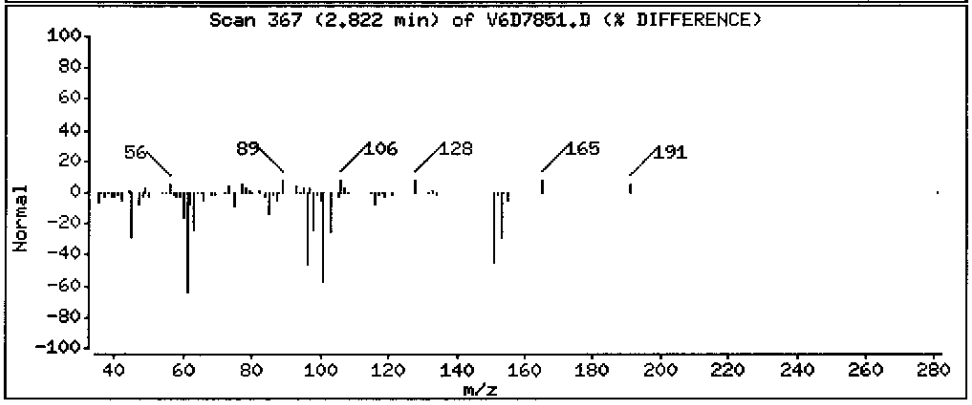












Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7851.D

Date : 19-AUG-2005 17:48

Client ID: SD11-S-ODL

Instrument: V6.i

Sample Info: ,D0926-13D,,19570

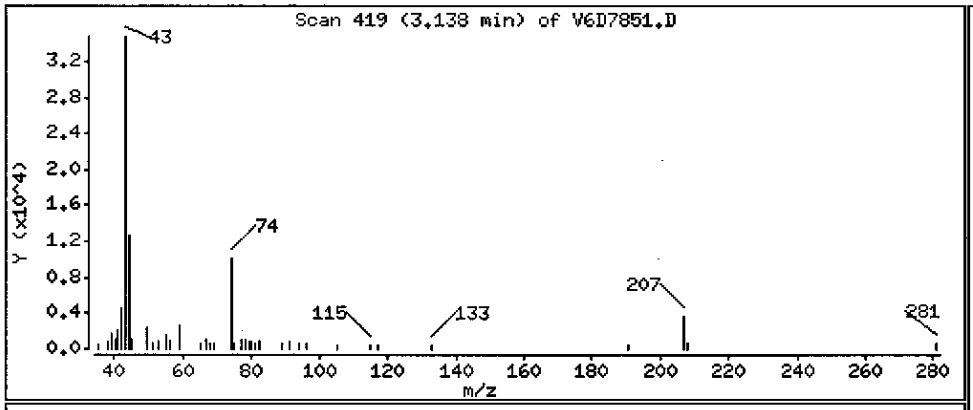
Operator: SB SRC: LIMS

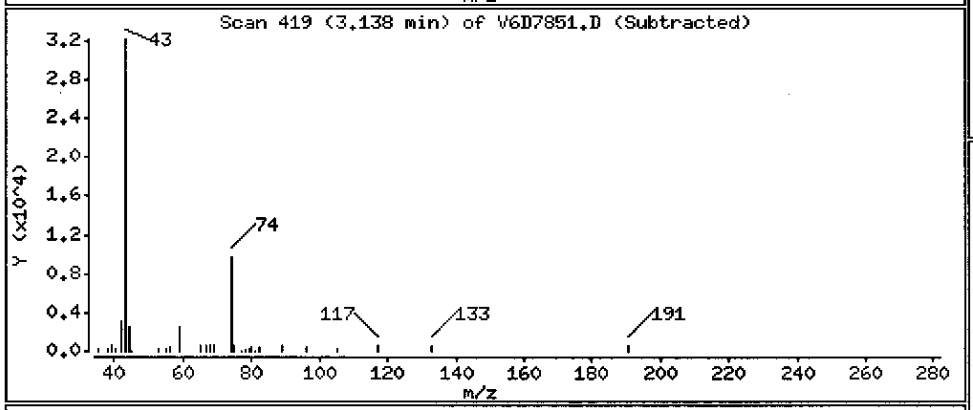
Column phase: DB-624

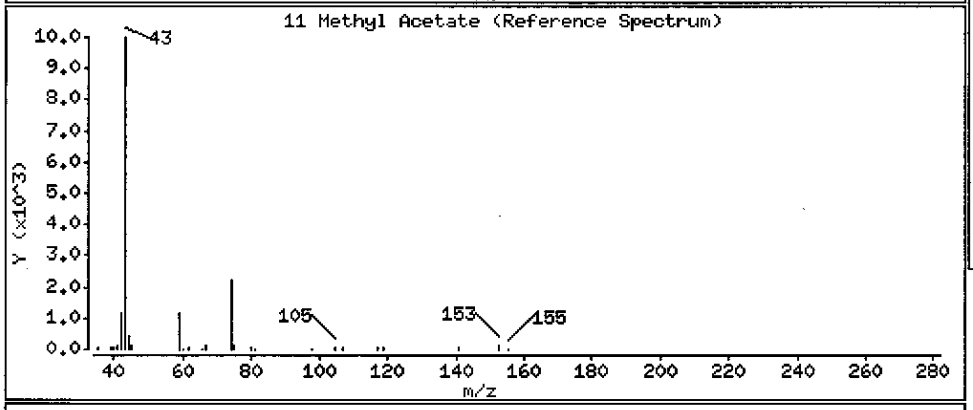
Column diameter: 0.25

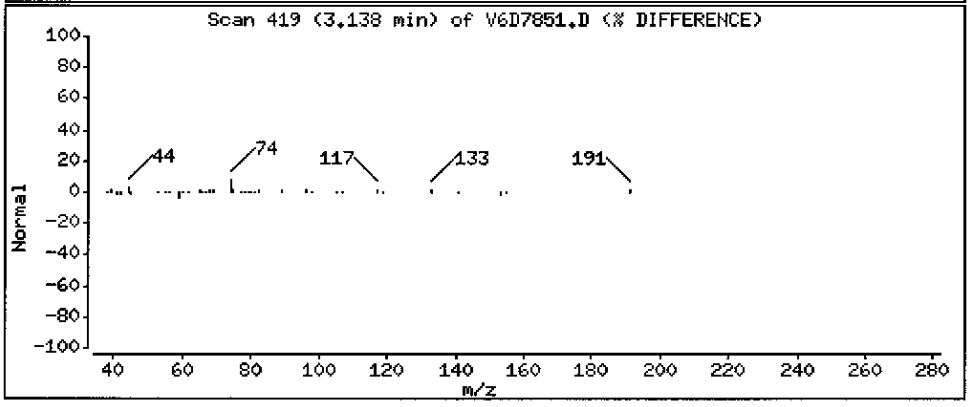
11 Methyl Acetate

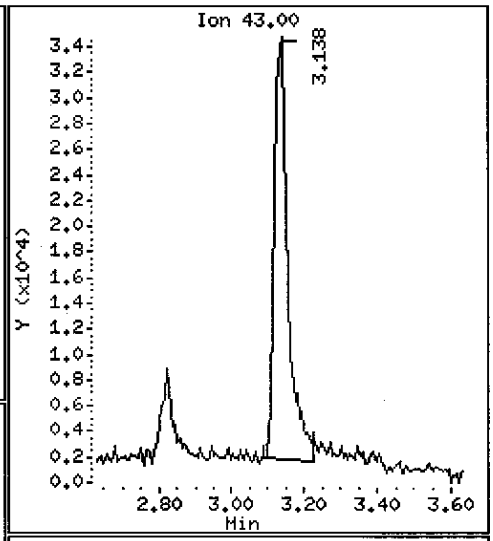
Concentration: 8700 ug/Kg

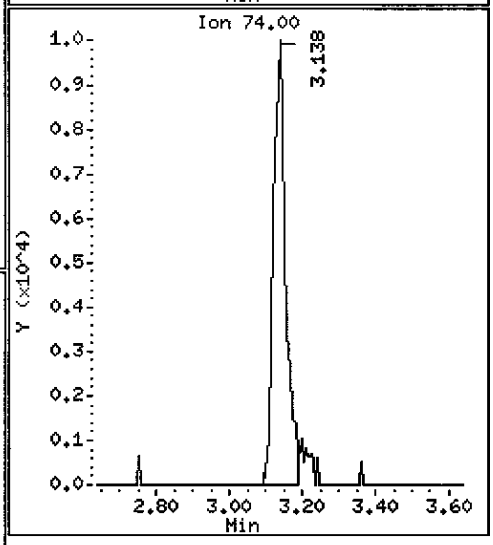












Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7851.D

Date : 19-AUG-2005 17:48

Client ID: SD11-S-ODL

Instrument: V6.i

Sample Info: ,D0926-13D,,19570

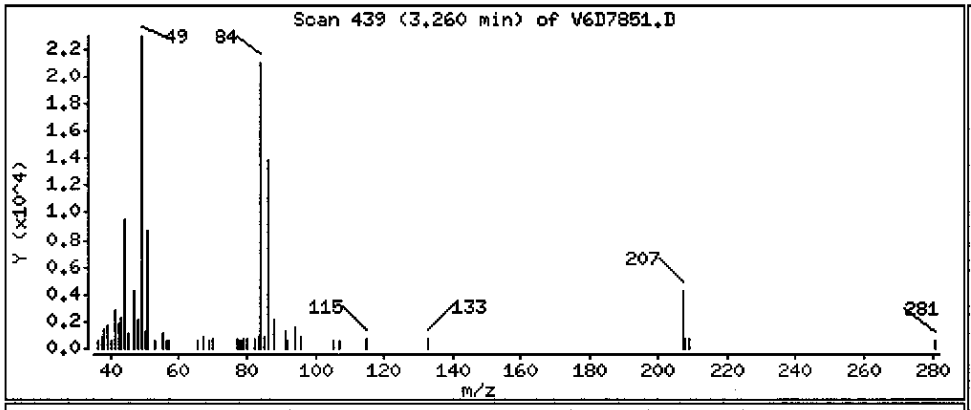
Operator: SB SRC: LIMS

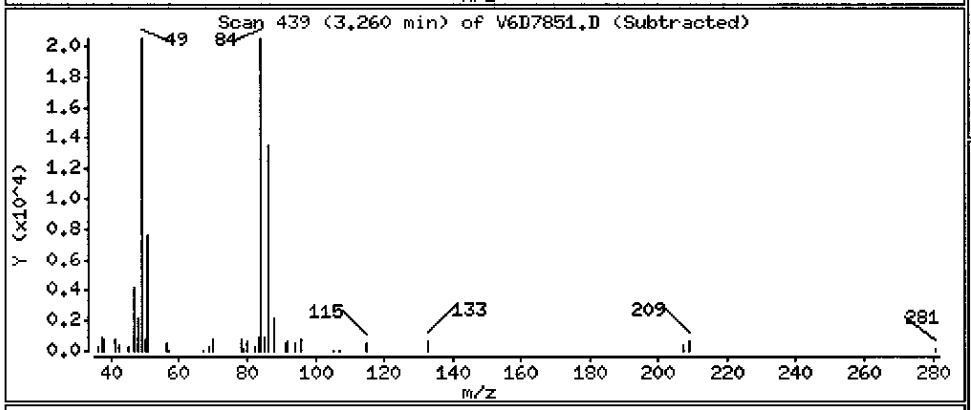
Column phase: DB-624

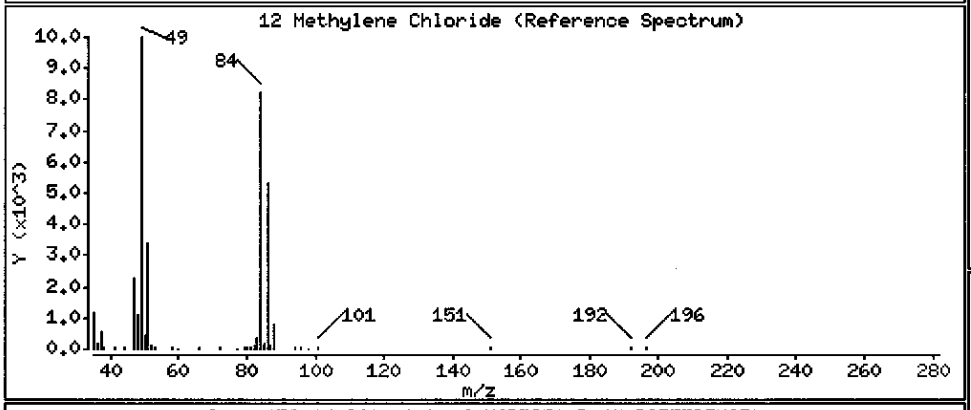
Column diameter: 0.25

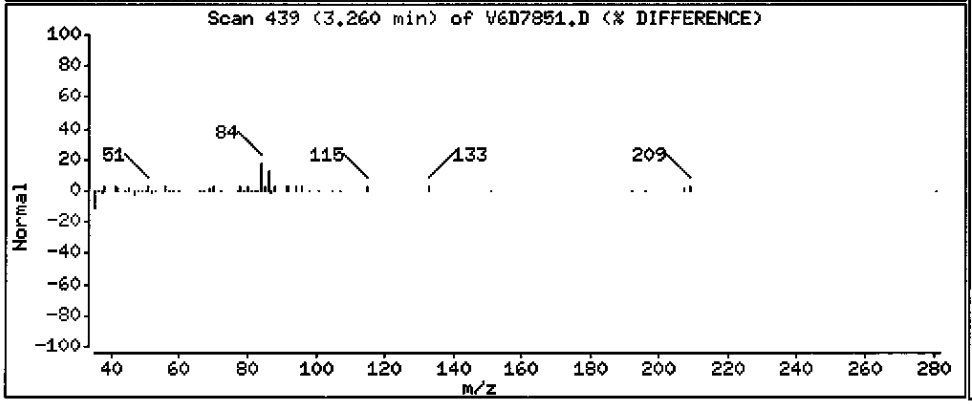
12 Methylene Chloride

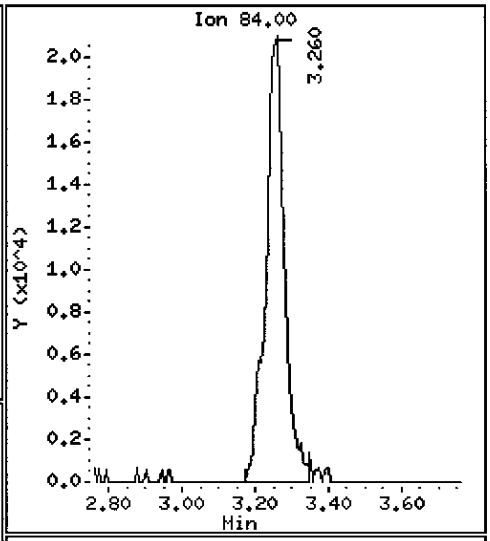
Concentration: 4500 ug/Kg

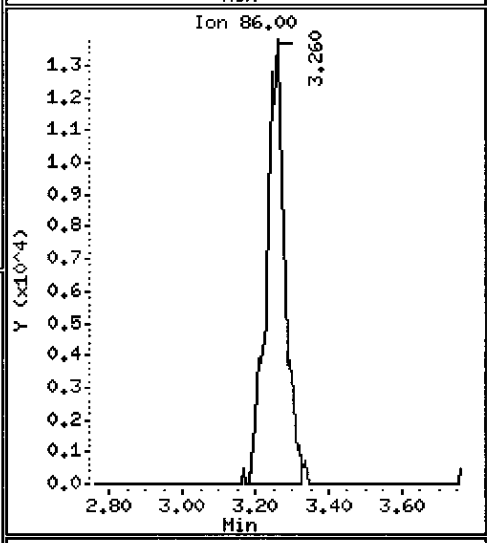


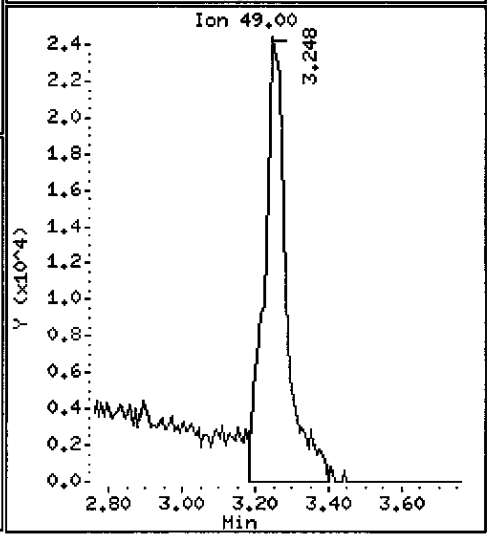












1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD12-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-04C

Sample wt/vol: 5.5 (g/mL) G Lab File ID: V1G9642

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 63 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	25	U
74-87-3	Chloromethane	25	U
75-01-4	Vinyl Chloride	25	U
74-83-9	Bromomethane	25	U
75-00-3	Chloroethane	25	U
75-69-4	Trichlorofluoromethane	25	U
75-35-4	1,1-Dichloroethene	25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25	U
67-64-1	Acetone	390	
75-15-0	Carbon Disulfide	7	J
79-20-9	Methyl Acetate	25	U
75-09-2	Methylene Chloride	250	
156-60-5	trans-1,2-Dichloroethene	25	U
1634-04-4	Methyl tert-Butyl Ether	25	U
75-34-3	1,1-Dichloroethane	25	U
156-59-2	cis-1,2-Dichloroethene	25	U
78-93-3	2-Butanone	150	
67-66-3	Chloroform	4	JB
71-55-6	1,1,1-Trichloroethane	25	U
110-82-7	Cyclohexane	25	U
56-23-5	Carbon Tetrachloride	25	U
71-43-2	Benzene	25	U
107-06-2	1,2-Dichloroethane	25	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD12-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-04C

Sample wt/vol: 5.5 (g/mL) G Lab File ID: V1G9642

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 63 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	25	U
108-87-2	Methylcyclohexane	25	U
78-87-5	1,2-Dichloropropane	25	U
75-27-4	Bromodichloromethane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
108-10-1	4-Methyl-2-Pentanone	25	U
108-88-3	Toluene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
79-00-5	1,1,2-Trichloroethane	25	U
127-18-4	Tetrachloroethene	25	U
591-78-6	2-Hexanone	25	U
124-48-1	Dibromochloromethane	25	U
106-93-4	1,2-Dibromoethane	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	25	U
1330-20-7	Xylene (Total)	25	U
100-42-5	Styrene	25	U
75-25-2	Bromoform	25	U
98-82-8	Isopropylbenzene	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U
541-73-1	1,3-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	25	U
95-50-1	1,2-Dichlorobenzene	25	U
96-12-8	1,2-Dibromo-3-chloropropane	25	U
120-82-1	1,2,4-Trichlorobenzene	25	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD12-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-04C

Sample wt/vol: 5.5 (g/mL) G Lab File ID: V1G9642

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 63 Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

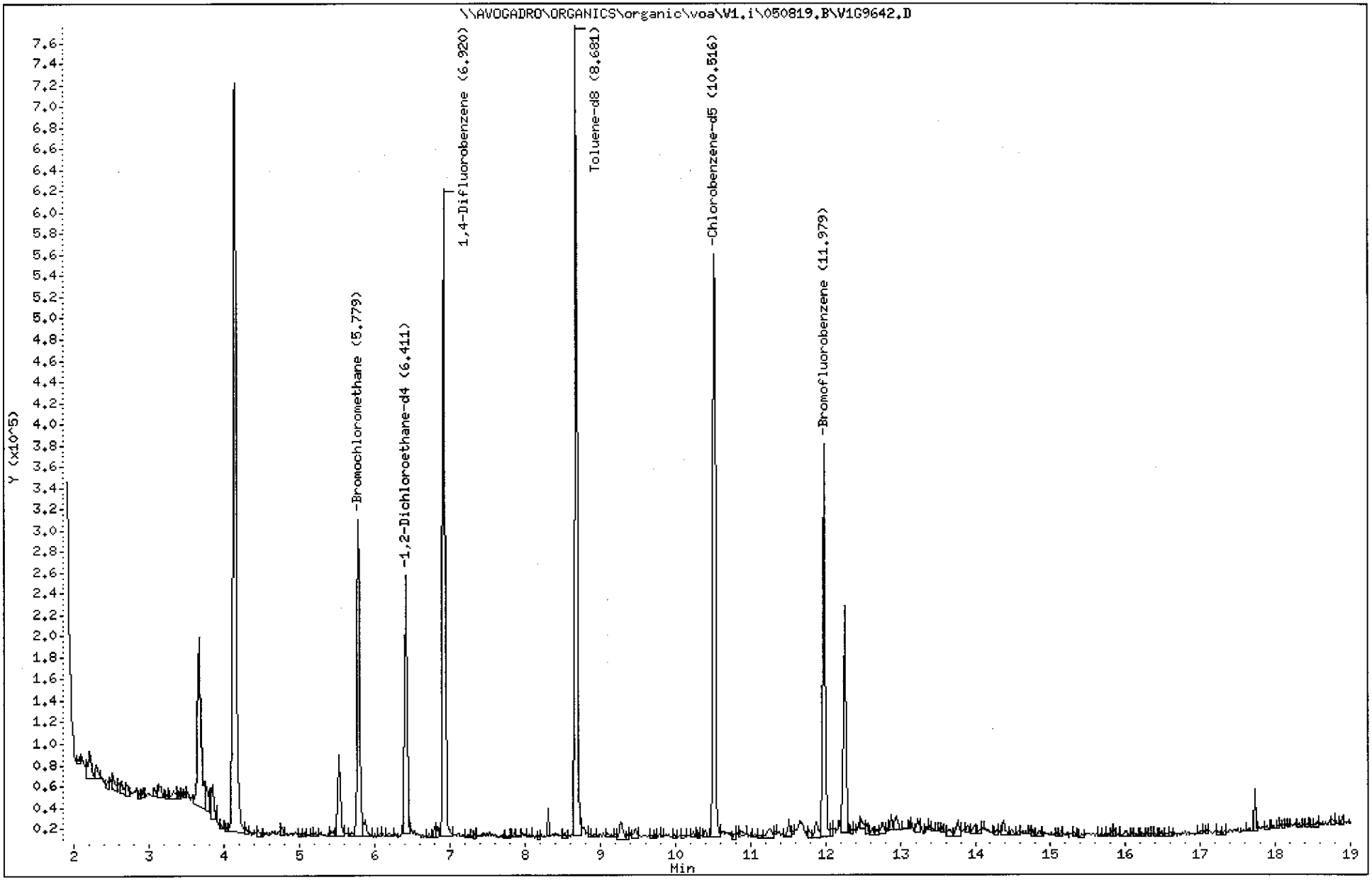
	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	12.25	48	NJ
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9642.D
Date : 19-AUG-2005 17:30
Client ID: SD12-S-O
Sample Info: ,D0926-04C,,19568,

Instrument: V1.i

Operator: LG SRC: LIMS
Column diameter: 0.25

Column phase: DB-624



0337

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9642.D
Report Date: 23-Aug-2005 13:52

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9642.D
Lab Smp Id: D0926-04C Client Smp ID: SD12-S-O
Inj Date : 19-AUG-2005 17:30
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-04C,,19568,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\v1clp4h.m
Meth Date : 23-Aug-2005 13:46 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 10:26 Cal File: V1G9631.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.500	Weight of sample (g)
M	63.000	% Moisture (not decanted)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	9 Acetone	43	3.658	3.668	(0.633)	329922	157.884	390
	10 Carbon Disulfide	76	3.857	3.866	(0.667)	36326	2.98279	7(a)
	12 Methylene Chloride	84	4.142	4.152	(0.717)	397838	100.055	250
	16 2-Butanone	43	5.531	5.540	(0.957)	143750	59.8919	150
*	18 Bromochloromethane	128	5.779	5.801	(1.000)	88694	50.0000	
	19 Chloroform	83	5.866	5.888	(1.015)	11334	1.80588	4(a)
$	23 1,2-Dichloroethane-d4	65	6.411	6.433	(1.109)	229137	55.3741	140
*	26 1,4-Difluorobenzene	114	6.920	6.942	(1.000)	550519	50.0000	
$	33 Toluene-d8	98	8.681	8.703	(0.825)	567393	58.3173	140
*	42 Chlorobenzene-d5	117	10.516	10.526	(1.000)	369343	50.0000	
$	50 Bromofluorobenzene	95	11.979	11.989	(1.139)	139142	34.2008	84

SB
8/23/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9642.D
Report Date: 23-Aug-2005 13:52

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9642.D
Report Date: 23-Aug-2005 13:52

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9642.D
Lab Smp Id: D0926-04C Client Smp ID: SD12-S-O
Inj Date : 19-AUG-2005 17:30
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-04C,,19568,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\v1clp4h.m
Meth Date : 23-Aug-2005 13:46 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 10:26 Cal File: V1G9631.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.500	Weight of sample (g)
M	63.000	% Moisture (not decanted)

ISTD	RT	AREA	AMOUNT
* 42 Chlorobenzene-d5	10.516	1232595	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Cyclotetrasiloxane, octamethyl-				CAS #: 556-67-2			
12.252	481479	19.5311112	48	90	NIST98.L	115615	42

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9642.D

Date : 19-AUG-2005 17:30

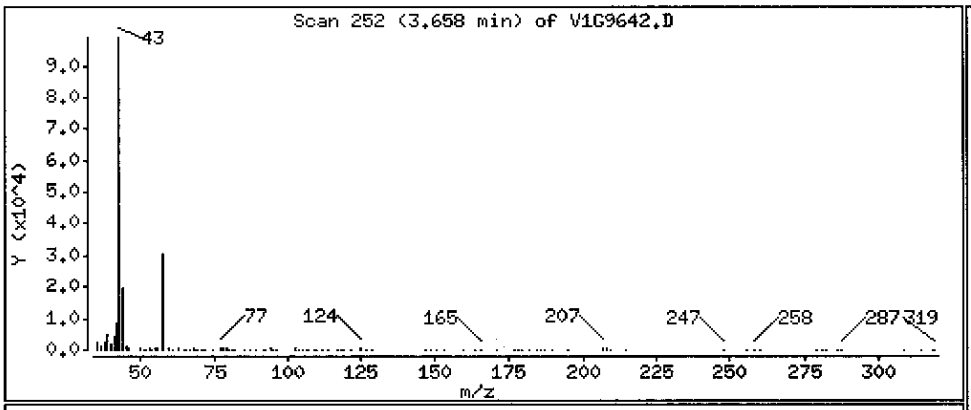
Client ID: SD12-S-0 Instrument: V1.i

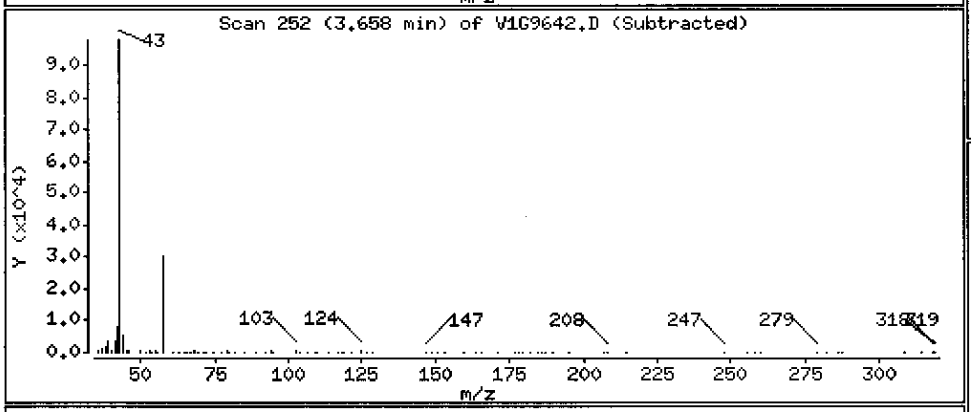
Sample Info: ,D0926-04C,,19568,

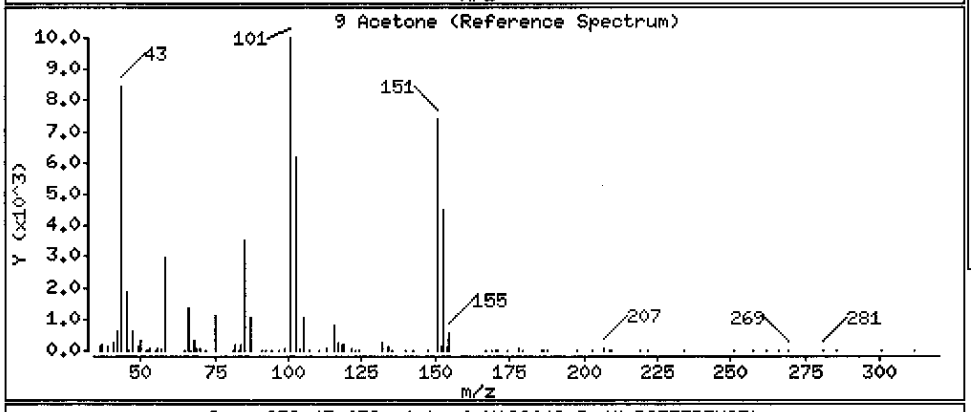
Operator: LG SRC: LIMS

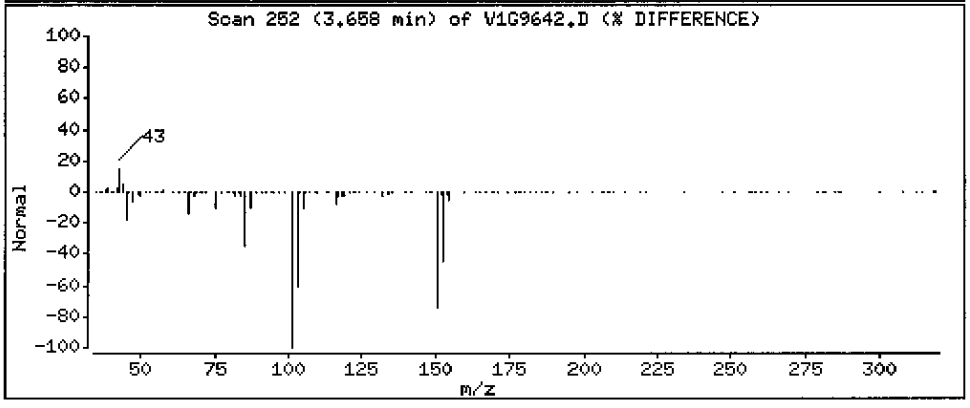
Column phase: DB-624 Column diameter: 0.25

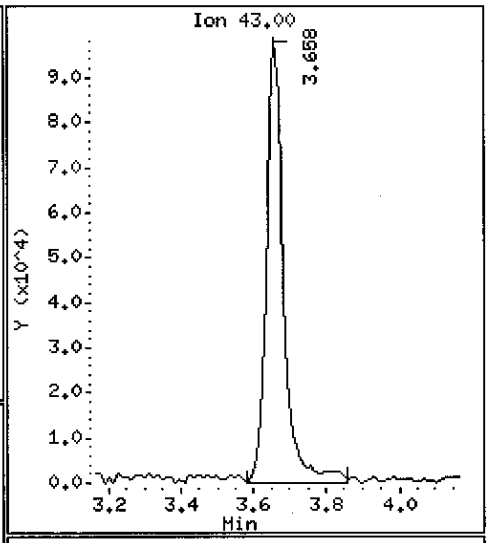
9 Acetone Concentration: 390 ug/Kg

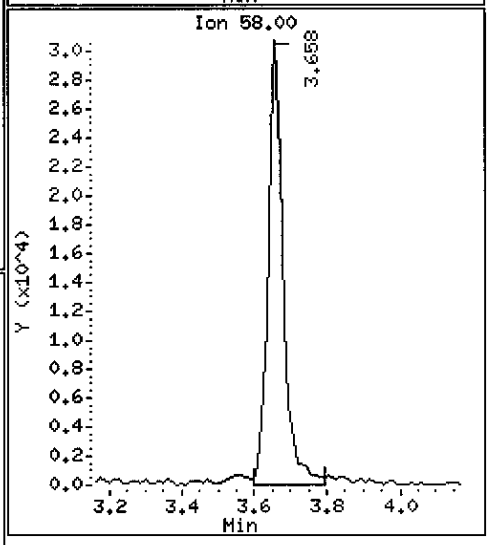












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9642.D

Date : 19-AUG-2005 17:30

Client ID: SD12-S-O

Instrument: V1.i

Sample Info: ,D0926-04C,,19568,

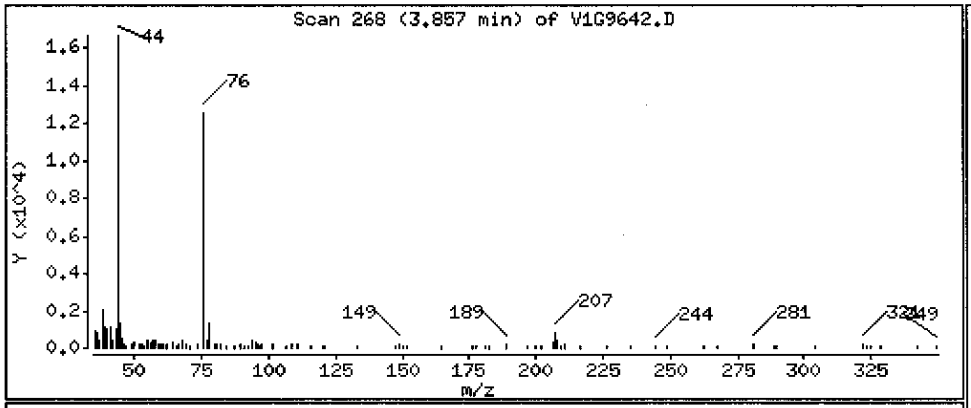
Operator: LG SRC: LIMS

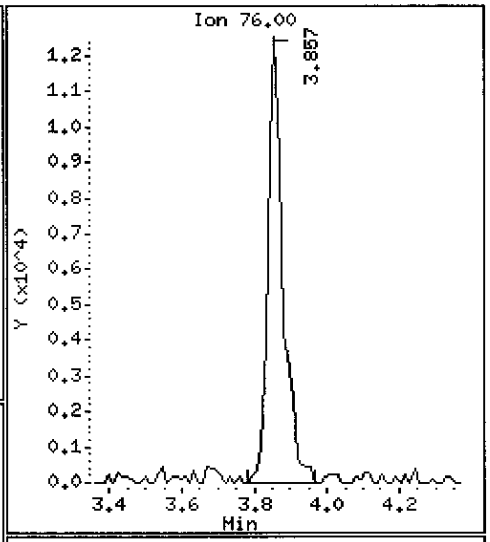
Column phase: DB-624

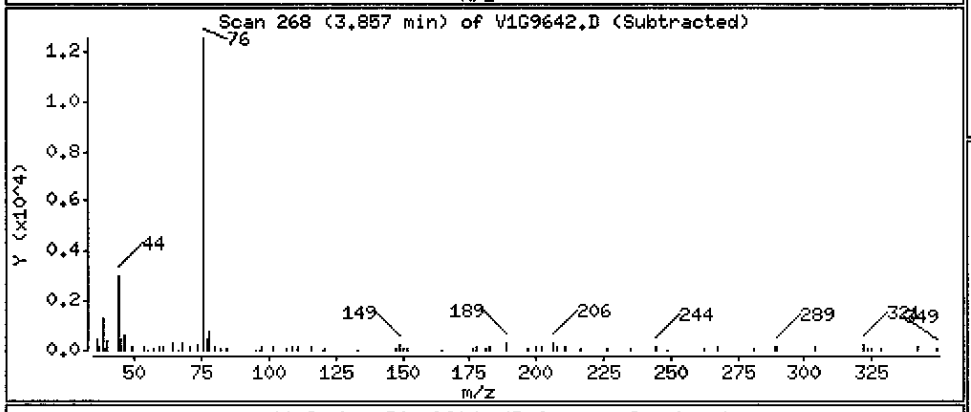
Column diameter: 0.25

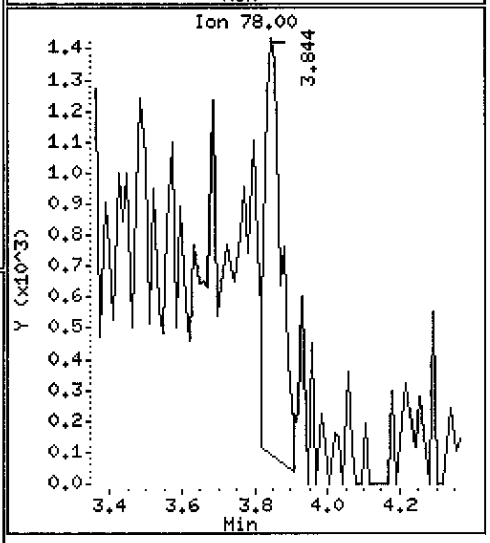
10 Carbon Disulfide

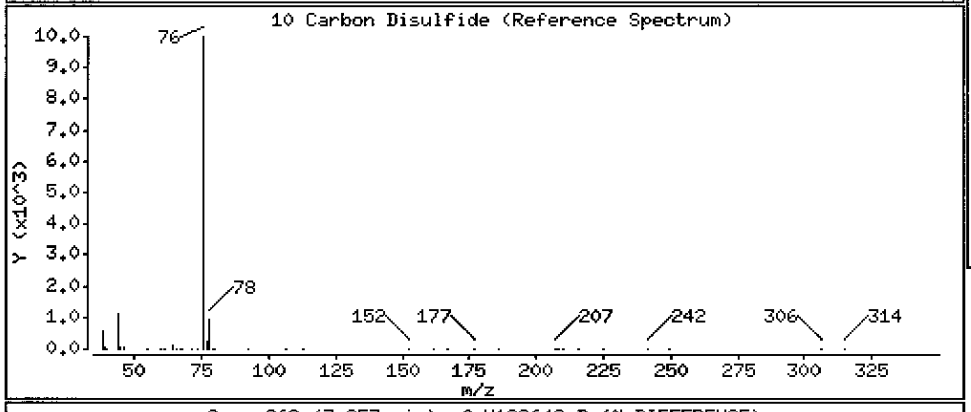
Concentration: 7 ug/Kg

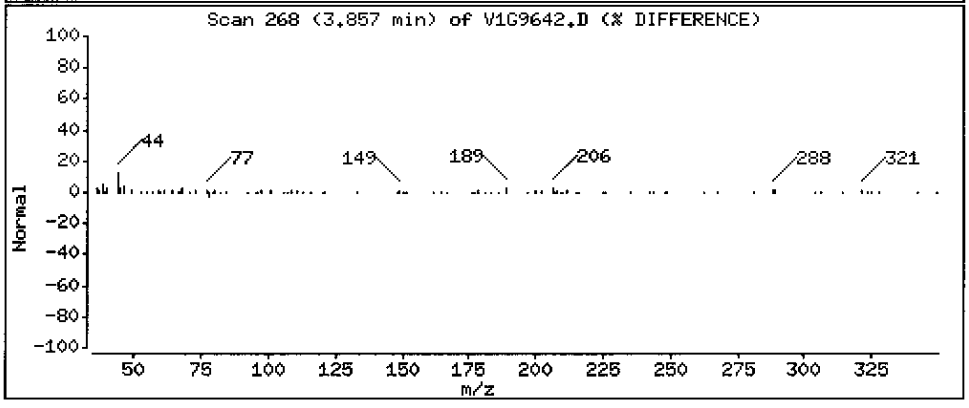












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9642.D

Date : 19-AUG-2005 17:30

Client ID: SD12-S-O

Instrument: V1.i

Sample Info: ,D0926-04C,,19568,

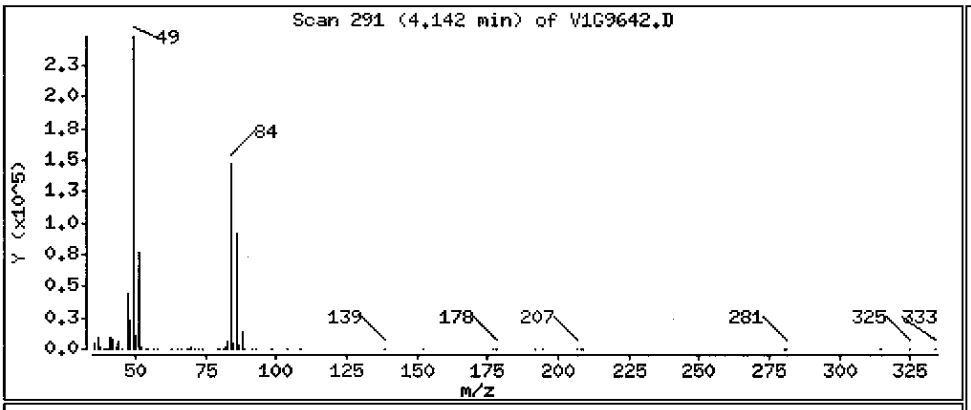
Operator: LG SRC: LIMS

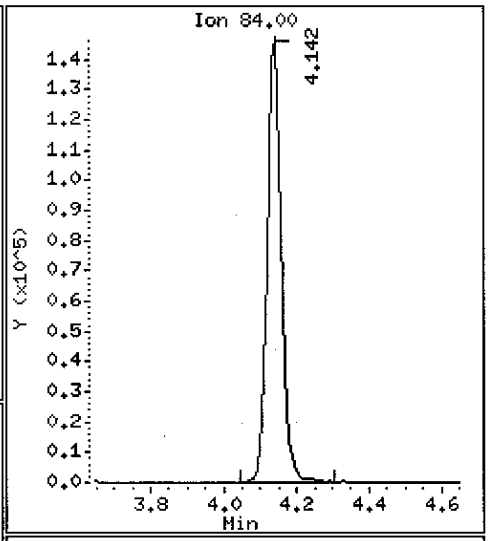
Column phase: DB-624

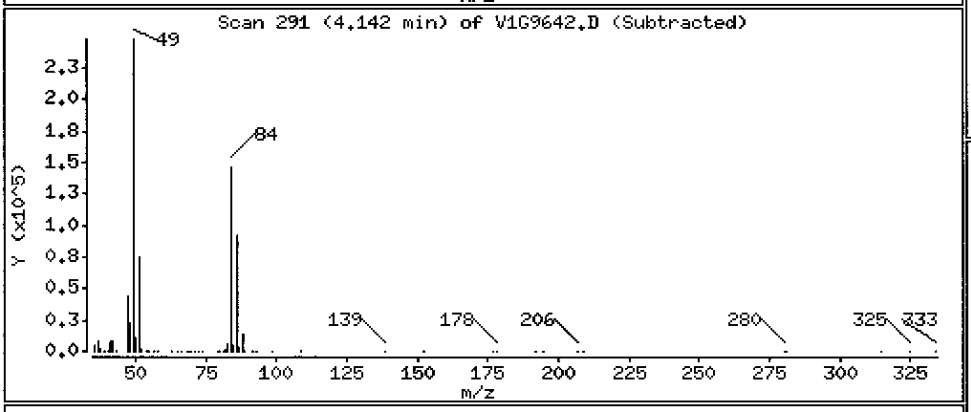
Column diameter: 0.25

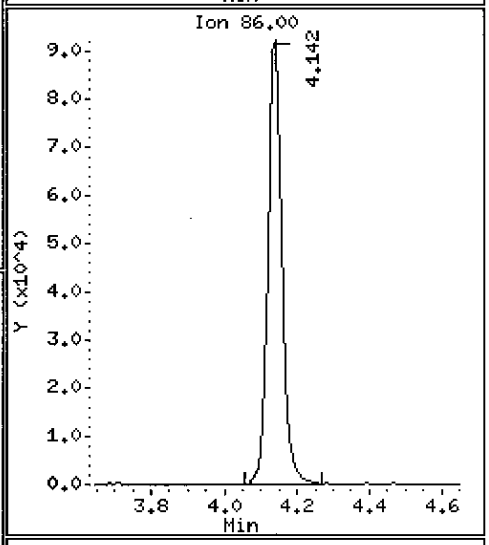
12 Methylene Chloride

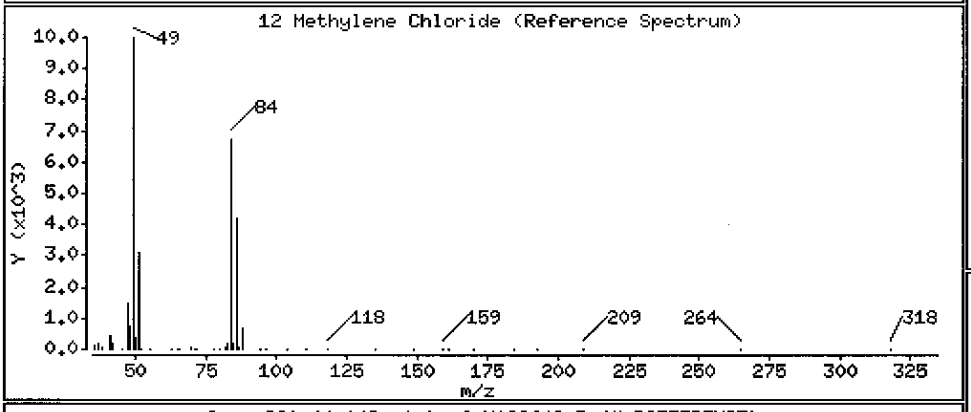
Concentration: 250 ug/Kg

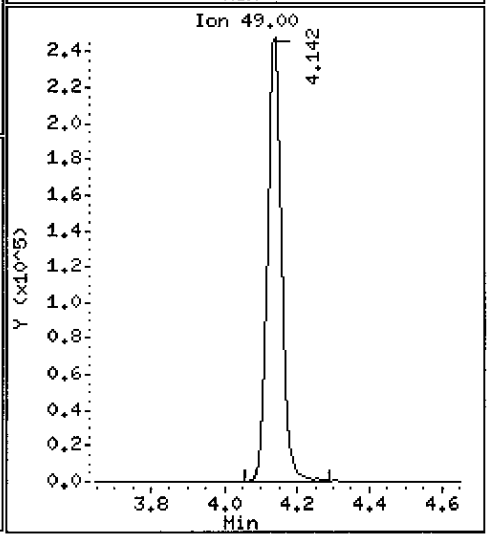


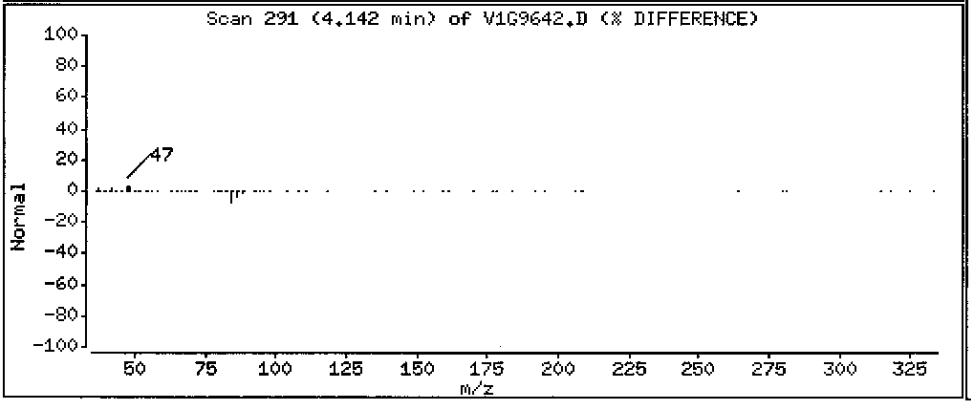












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Date : 19-AUG-2005 17:30

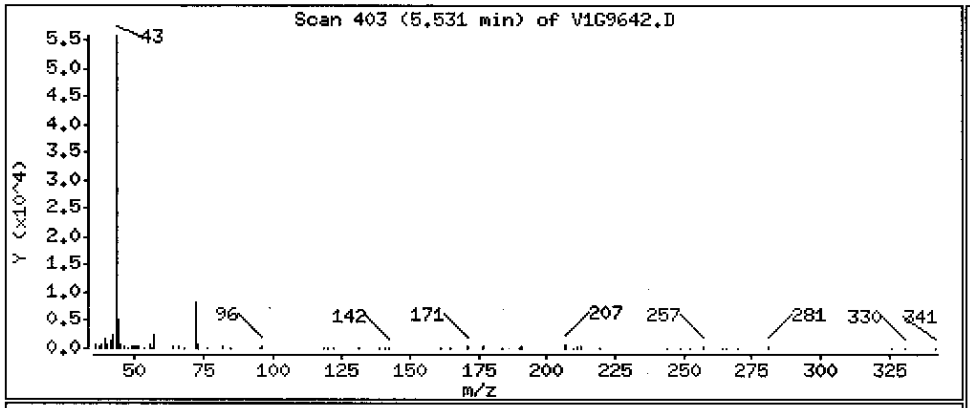
Client ID: SD12-S-0 Instrument: V1.i

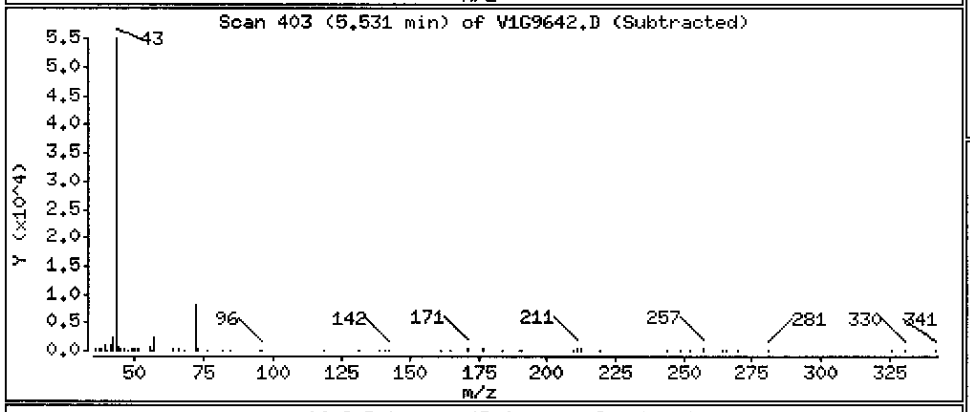
Sample Info: ,D0926-04C,,19568,

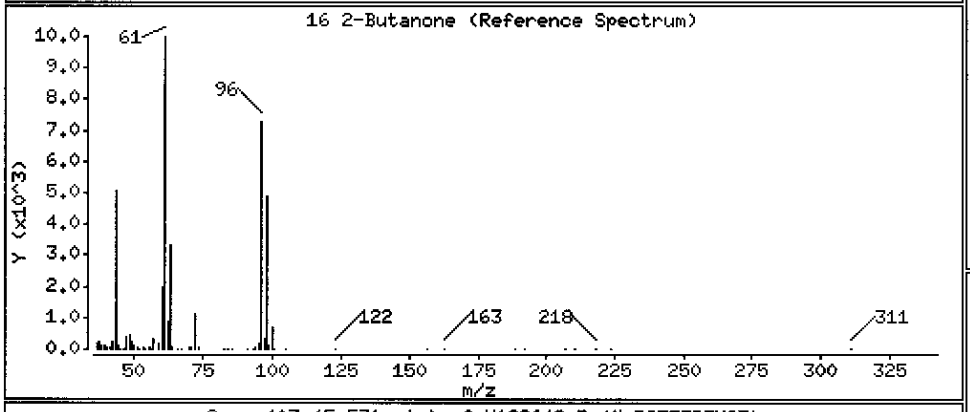
Operator: LG SRC: LIMS

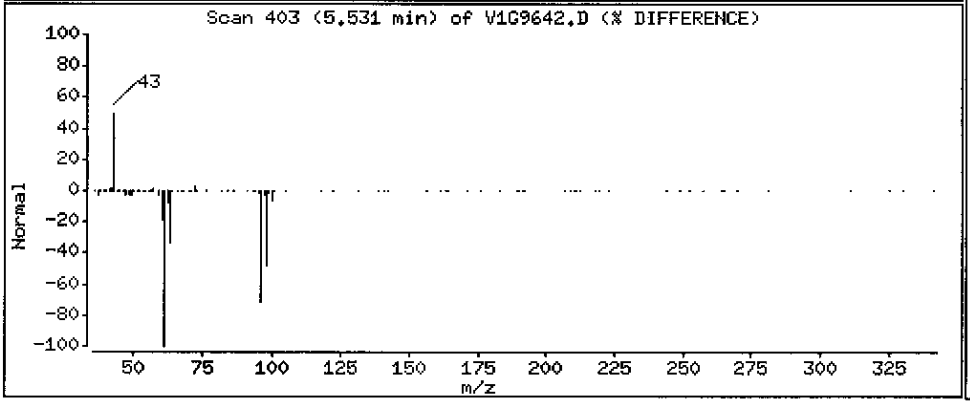
Column phase: DB-624 Column diameter: 0.25

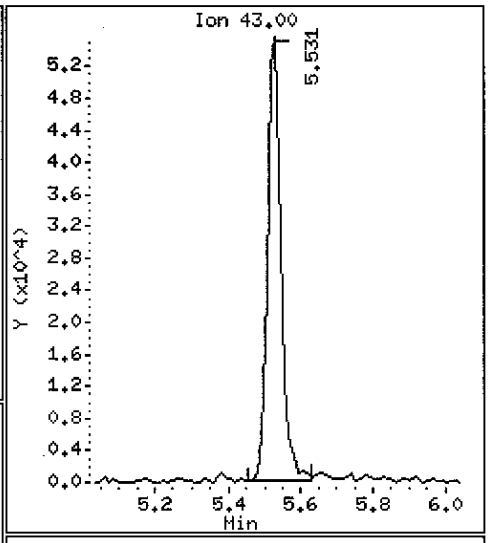
16 2-Butanone Concentration: 150 ug/Kg

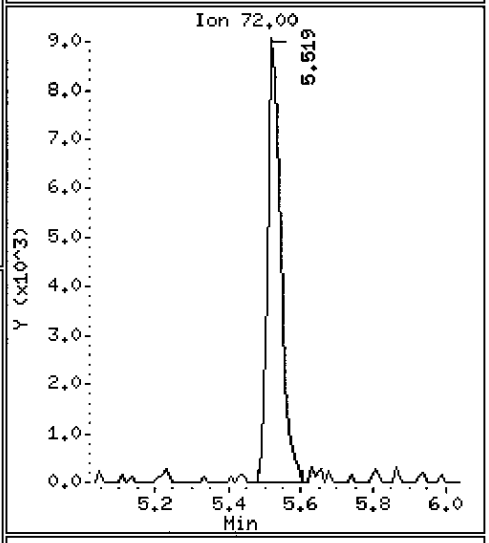


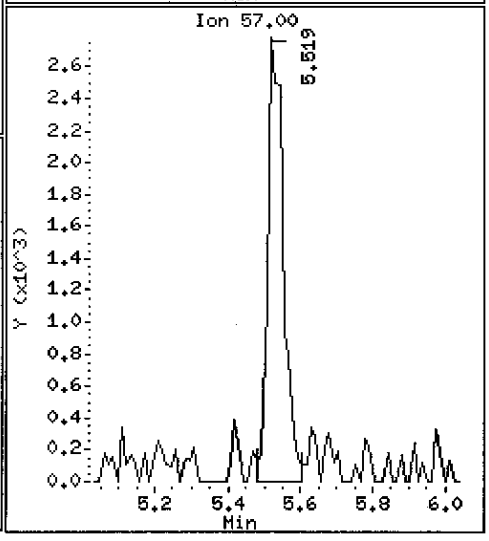












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9642.D

Date : 19-AUG-2005 17:30

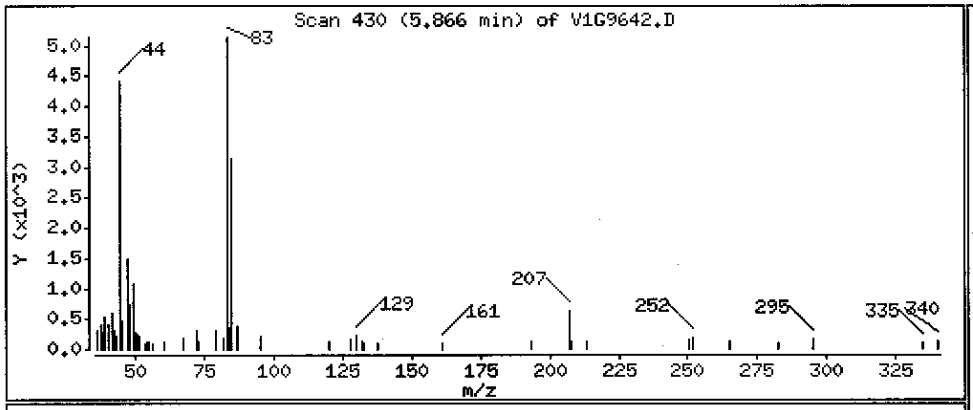
Client ID: SD12-S-0 Instrument: V1.i

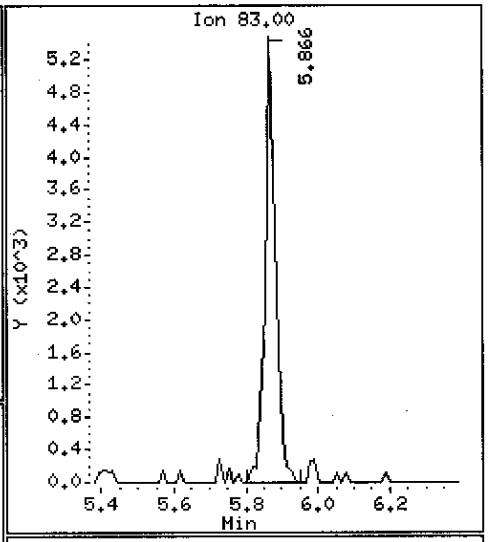
Sample Info: ,D0926-04C,,19568,

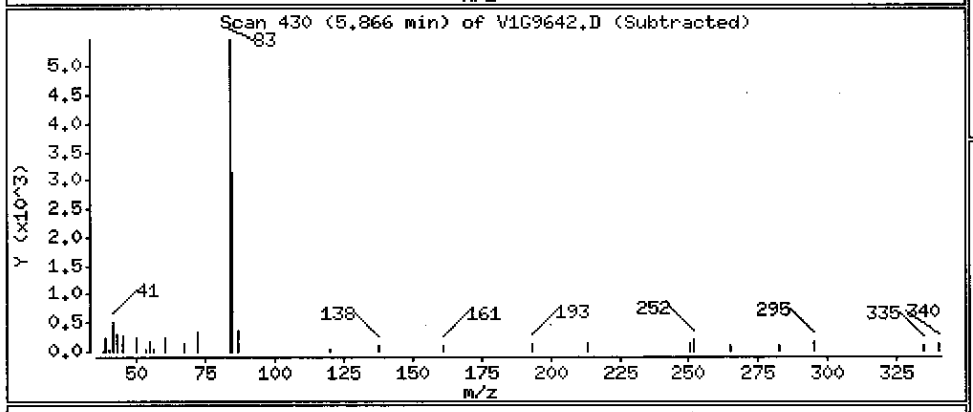
Operator: LG SRC: LIMS

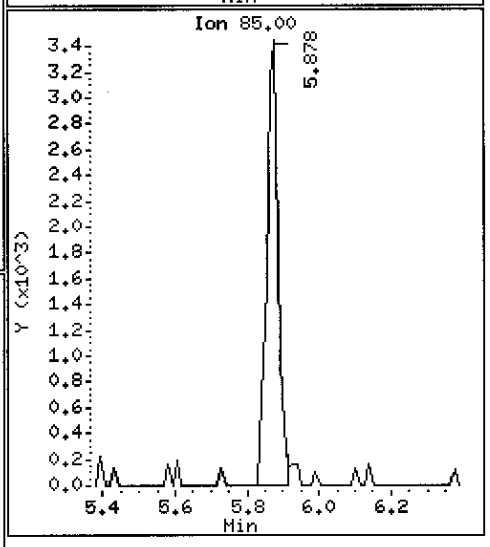
Column phase: DB-624 Column diameter: 0.25

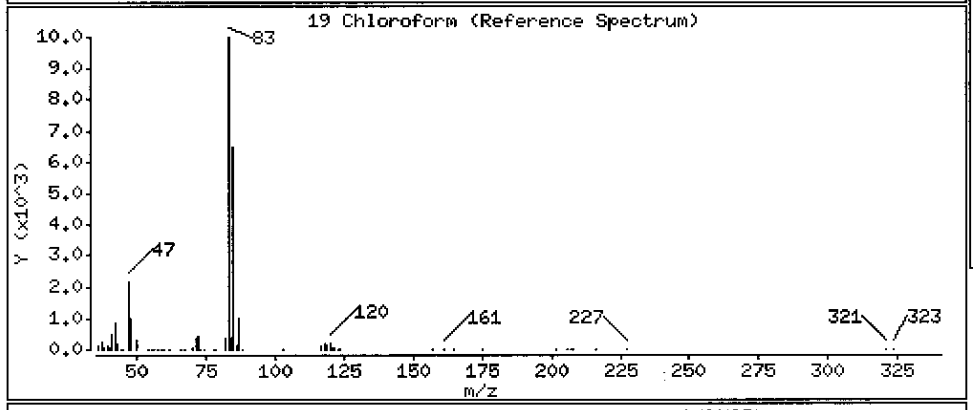
19 Chloroform Concentration: 4 ug/Kg

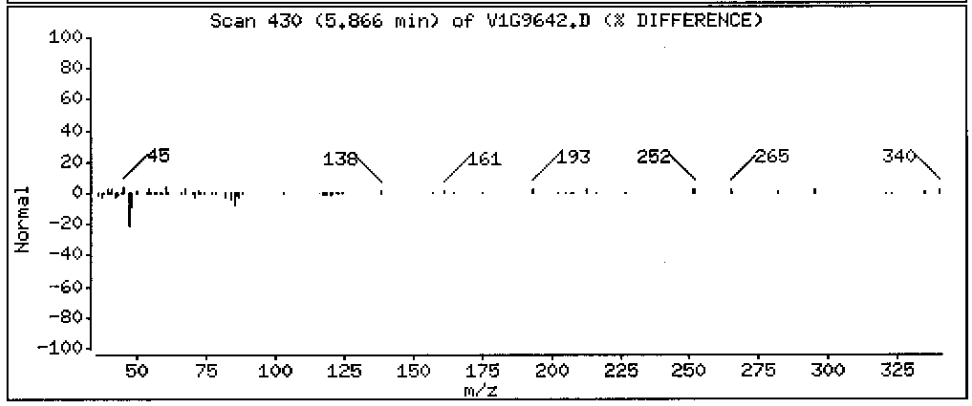












Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9642.D

Date : 19-AUG-2005 17:30

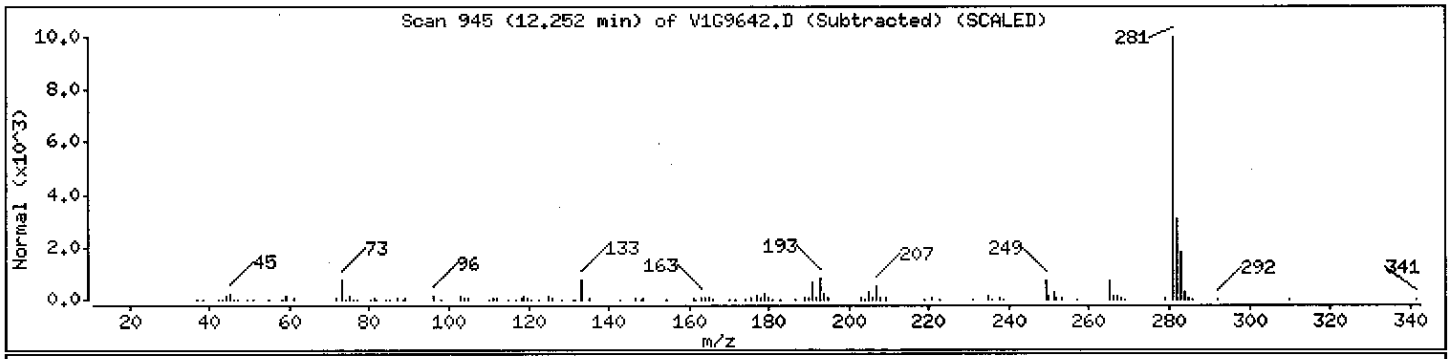
Client ID: SD12-S-0 Instrument: V1.i

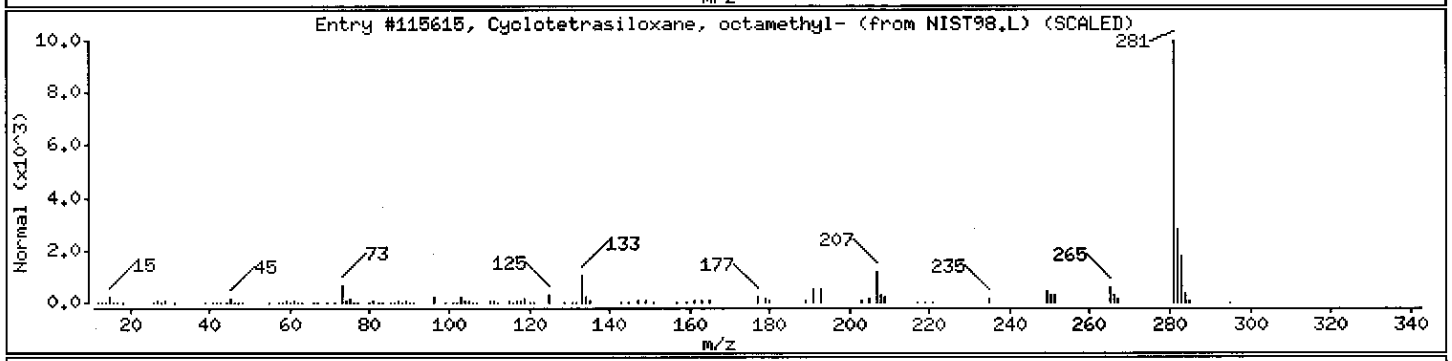
Sample Info: ,D0926-04C,,19568,

Operator: LG SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST98.L	115615	90	C8H24O4Si4	296





6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: V6 Calibration Date(s): 08/18/05 08/18/05

Heated Purge: (Y/N) N Calibration Times: 0244 0438

GC Column: DB-624 ID: 0.25(mm)

LAB FILE ID: RRF10 = V6D7779 RRF20 = V6D7782
RRF50 = V6D7778 RRF100= V6D7781 RRF200= V6D7780

COMPOUND		RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD
Dichlorodifluoromethane		1.822	1.720	2.136	1.959	1.906	1.909	8.2
Chloromethane		2.932	2.362	2.685	2.792	2.700	2.694	7.8
Vinyl Chloride	*	2.995	2.506	2.829	2.904	2.845	2.816	6.6*
Bromomethane	*	1.709	1.514	1.838	1.933	1.850	1.769	9.2*
Chloroethane		1.511	1.251	1.445	1.444	1.348	1.400	7.2
Trichlorofluoromethane		2.705	2.246	3.032	3.349	3.353	2.937	16.0
1,1-Dichloroethene	*	2.612	2.431	2.653	2.710	2.624	2.606	4.0*
1,1,2-Trichloro-1,2,2-trifluoroethane		2.670	2.249	2.707	2.663	2.564	2.571	7.3
Acetone		0.677	0.619	0.783	0.583	0.525	0.637	15.5
Carbon Disulfide		7.655	6.447	7.426	7.586	7.449	7.313	6.7
Methyl Acetate		1.462	1.488	1.512	1.452	1.448	1.472	1.8
Methylene Chloride		2.896	2.262	2.571	2.593	2.486	2.562	8.9
trans-1,2-Dichloroethene		2.088	1.592	1.950	2.006	2.051	1.937	10.3
Methyl tert-Butyl Ether		5.559	4.527	5.446	5.638	5.723	5.379	9.1
1,1-Dichloroethane	*	3.747	3.102	3.662	3.829	3.752	3.618	8.1*
cis-1,2-Dichloroethene		2.139	1.726	2.068	2.138	2.134	2.041	8.8
2-Butanone		1.033	0.920	1.027	1.065	1.045	1.018	5.6
Chloroform	*	3.831	3.061	3.556	3.622	3.567	3.527	8.0*
1,1,1-Trichloroethane	*	0.510	0.421	0.485	0.477	0.478	0.474	6.9*
Cyclohexane		0.673	0.566	0.687	0.635	0.658	0.644	7.4
Carbon Tetrachloride	*	0.473	0.400	0.477	0.484	0.498	0.466	8.2*
Benzene	*	1.413	1.195	1.419	1.431	1.466	1.385	7.8*
1,2-Dichloroethane	*	2.950	2.379	2.777	2.954	2.943	2.801	8.8*
Trichloroethene	*	0.365	0.314	0.371	0.375	0.396	0.364	8.4*
Methylcyclohexane		0.603	0.519	0.640	0.600	0.632	0.599	8.0

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

6B
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: V6 Calibration Date(s): 08/18/05 08/18/05

Heated Purge: (Y/N) N Calibration Times: 0244 0438

GC Column: DB-624 ID: 0.25(mm)

LAB FILE ID: RRF10 = V6D7779 RRF20 = V6D7782
RRF50 = V6D7778 RRF100= V6D7781 RRF200= V6D7780

COMPOUND		RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD	
1,2-Dichloropropane		0.395	0.326	0.400	0.402	0.415	0.388	9.1	
Bromodichloromethane	*	0.458	0.395	0.455	0.473	0.484	0.453	7.6*	
cis-1,3-Dichloropropene	*	0.543	0.457	0.553	0.566	0.585	0.541	9.2*	
4-Methyl-2-Pentanone		0.404	0.350	0.428	0.411	0.391	0.397	7.4	
Toluene	*	1.525	1.254	1.581	1.587	1.526	1.495	9.2*	
trans-1,3-Dichloropropene	*	0.514	0.440	0.531	0.541	0.544	0.514	8.4*	
1,1,2-Trichloroethane	*	0.325	0.282	0.330	0.330	0.333	0.320	6.8*	
Tetrachloroethene	*	0.311	0.243	0.314	0.319	0.325	0.302	11.1*	
2-Hexanone		0.254	0.222	0.264	0.269	0.254	0.253	7.3	
Dibromochloromethane	*	0.352	0.298	0.367	0.378	0.399	0.359	10.6*	
1,2-Dibromoethane		0.365	0.310	0.387	0.383	0.384	0.366	8.9	
Chlorobenzene	*	1.007	0.829	1.070	1.061	1.056	1.005	10.1*	
Ethylbenzene	*	0.529	0.415	0.552	0.566	0.570	0.526	12.2*	
Xylene (Total)	*	0.633	0.519	0.672	0.702	0.715	0.648	12.2*	
Styrene	*	0.749	0.654	0.857	0.892	0.908	0.812	13.3*	
Bromoform	*	0.233	0.207	0.262	0.272	0.292	0.253	13.1*	
Isopropylbenzene		1.541	1.280	1.630	1.659	1.639	1.550	10.2	
1,1,2,2-Tetrachloroethane	*	0.461	0.413	0.493	0.495	0.469	0.466	7.1*	
1,3-Dichlorobenzene	*	0.695	0.603	0.806	0.804	0.852	0.752	13.5*	
1,4-Dichlorobenzene	*	0.679	0.591	0.813	0.825	0.872	0.756	15.4*	
1,2-Dichlorobenzene	*	0.684	0.593	0.781	0.787	0.817	0.732	12.7*	
1,2-Dibromo-3-chloropropane		0.067	0.063	0.085	0.087	0.083	0.077	14.6	
1,2,4-Trichlorobenzene	*	0.209	0.194	0.335	0.428	0.483	0.330	39.1*	<-
Toluene-d8		1.260	1.267	1.166	1.332	1.280	1.261	4.8	
Bromofluorobenzene	*	0.516	0.498	0.460	0.554	0.535	0.513	7.0*	
1,2-Dichloroethane-d4		2.355	2.304	2.046	2.410	2.350	2.293	6.2	

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: V1 Calibration Date(s): 08/18/05 08/18/05

Heated Purge: (Y/N) N Calibration Times: 0328 0521

GC Column: DB-624 ID: 0.25(mm)

LAB FILE ID: RRF10 = V1G9582 RRF20 = V1G9585
RRF50 = V1G9581 RRF100= V1G9584 RRF200= V1G9583

COMPOUND	RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	1.469	1.258	1.757	1.725	1.861	1.614	15.2
Chloromethane	2.973	3.178	3.677	3.377	3.657	3.372	9.0
Vinyl Chloride *	2.617	2.832	3.243	2.756	3.066	2.903	8.6*
Bromomethane *	1.728	1.836	2.030	1.950	1.806	1.870	6.4*
Chloroethane	1.561	1.630	1.821	1.841	1.804	1.731	7.3
Trichlorofluoromethane	1.416	2.435	2.739	2.554	2.648	2.358	22.8
1,1-Dichloroethene *	1.609	1.748	1.933	1.889	1.833	1.802	7.1*
1,1,2-Trichloro-1,2,2-trifluoroethane	1.835	1.882	2.118	1.992	2.110	1.987	6.5
Acetone	1.616	1.723	1.592	1.228	1.222	1.476	15.9
Carbon Disulfide	5.668	6.206	7.070	6.915	7.069	6.586	9.5
Methyl Acetate	2.445	2.321	2.476	2.604	2.433	2.456	4.1
Methylene Chloride	2.057	2.597	2.349	2.374	2.165	2.308	9.0
trans-1,2-Dichloroethene	1.582	1.624	1.764	1.837	1.792	1.720	6.4
Methyl tert-Butyl Ether	6.349	6.595	7.050	7.131	6.978	6.821	4.9
1,1-Dichloroethane *	3.662	3.825	4.192	4.269	4.108	4.011	6.4*
cis-1,2-Dichloroethene	1.589	1.706	1.952	2.033	1.942	1.844	10.2
2-Butanone	1.582	1.728	1.761	1.727	1.636	1.687	4.4
Chloroform *	3.544	3.565	3.756	3.740	3.639	3.649	2.7*
1,1,1-Trichloroethane *	0.480	0.482	0.548	0.529	0.520	0.512	5.8*
Cyclohexane	0.677	0.721	0.793	0.778	0.787	0.751	6.7
Carbon Tetrachloride *	0.394	0.379	0.435	0.435	0.429	0.414	6.3*
Benzene *	1.356	1.450	1.553	1.616	1.561	1.507	6.9*
1,2-Dichloroethane *	3.112	3.326	3.583	3.620	3.380	3.404	6.1*
Trichloroethene *	0.302	0.317	0.328	0.343	0.327	0.323	4.7*
Methylcyclohexane	0.540	0.548	0.606	0.645	0.632	0.594	8.0

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

6B
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: V1 Calibration Date(s): 08/18/05 08/18/05

Heated Purge: (Y/N) N Calibration Times: 0328 0521

GC Column: DB-624 ID: 0.25(mm)

LAB FILE ID: RRF10 = V1G9582 RRF20 = V1G9585
RRF50 = V1G9581 RRF100= V1G9584 RRF200= V1G9583

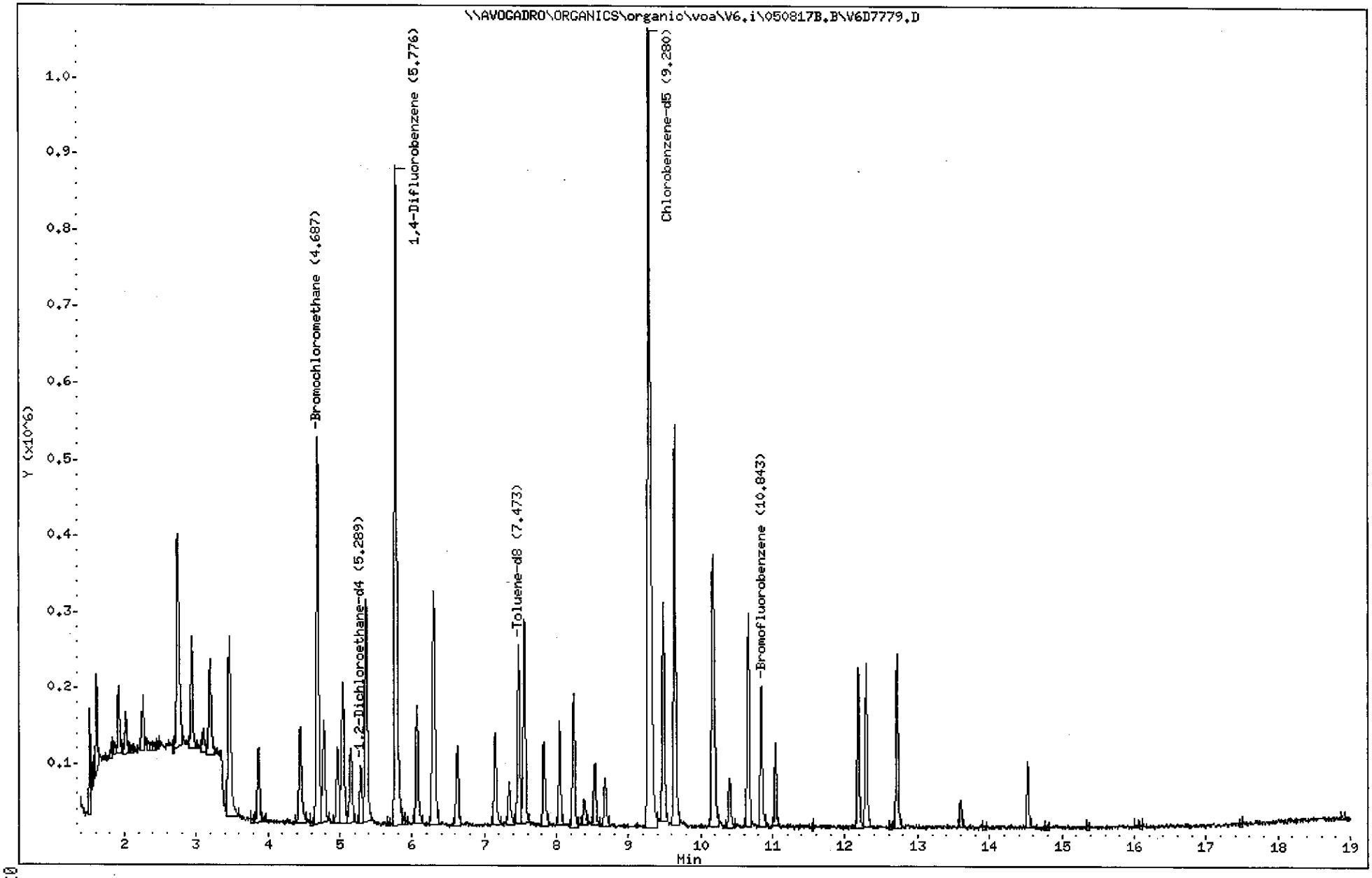
COMPOUND		RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD
1,2-Dichloropropane		0.390	0.446	0.471	0.495	0.478	0.456	8.9
Bromodichloromethane	*	0.459	0.474	0.550	0.560	0.530	0.515	8.8*
cis-1,3-Dichloropropene	*	0.504	0.574	0.626	0.657	0.635	0.599	10.3*
4-Methyl-2-Pentanone		0.675	0.778	0.704	0.778	0.730	0.733	6.2
Toluene	*	1.411	1.509	1.569	1.685	1.626	1.560	6.8*
trans-1,3-Dichloropropene	*	0.499	0.537	0.600	0.617	0.594	0.569	8.7*
1,1,2-Trichloroethane	*	0.272	0.299	0.310	0.315	0.302	0.300	5.5*
Tetrachloroethene	*	0.277	0.303	0.301	0.321	0.310	0.302	5.3*
2-Hexanone		0.418	0.542	0.470	0.523	0.508	0.492	10.0
Dibromochloromethane	*	0.298	0.336	0.354	0.376	0.355	0.344	8.5*
1,2-Dibromoethane		0.347	0.364	0.377	0.417	0.394	0.380	7.1
Chlorobenzene	*	0.894	0.956	0.978	1.025	0.992	0.969	5.1*
Ethylbenzene	*	0.424	0.467	0.492	0.531	0.511	0.485	8.5*
Xylene (Total)	*	0.579	0.600	0.617	0.666	0.655	0.623	5.9*
Styrene	*	0.688	0.771	0.812	0.896	0.876	0.809	10.4*
Bromoform	*	0.178	0.230	0.221	0.252	0.238	0.224	12.6*
Isopropylbenzene		1.392	1.425	1.581	1.626	1.594	1.524	7.0
1,1,2,2-Tetrachloroethane	*	0.474	0.561	0.519	0.553	0.546	0.531	6.7*
1,3-Dichlorobenzene	*	0.702	0.729	0.783	0.803	0.772	0.758	5.5*
1,4-Dichlorobenzene	*	0.728	0.757	0.775	0.839	0.791	0.778	5.4*
1,2-Dichlorobenzene	*	0.655	0.727	0.731	0.781	0.752	0.729	6.4*
1,2-Dibromo-3-chloropropane		0.094	0.119	0.094	0.098	0.098	0.101	10.4
1,2,4-Trichlorobenzene	*	0.411	0.509	0.484	0.539	0.520	0.493	10.0*
Toluene-d8		1.157	1.464	1.256	1.293	1.311	1.296	8.6
Bromofluorobenzene	*	0.542	0.646	0.552	0.560	0.581	0.576	7.2*
1,2-Dichloroethane-d4		2.378	2.852	2.654	2.574	2.607	2.613	6.5

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050817B.B\V6D7779.D
Date : 18-AUG-2005 03:13
Client ID: VSTD0106L
Sample Info: ,VSTD0106L,VSTD0106L
Purge Volume: 5.0
Column phase: DB-624

Instrument: V6.i
Operator: SB
Column diameter: 0.25

COPY
Original Documents Are Included in CSF_____
Signed:_____ Date:_____



0351

Data File: V6D7779.D
Report Date: 23-Aug-2005 14:35

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050817B.B\V6D7779.D
Lab Smp Id: VSTD0506L Client Smp ID: VSTD0106L
Inj Date : 18-AUG-2005 03:13
Operator : SB Inst ID: V6.i
Smp Info : ,VSTD0106L,VSTD0106L
Misc Info : ,1,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050817B.B\v6clp4s.m
Meth Date : 18-Aug-2005 09:23 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 02:44 Cal File: V6D7778.D
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET5

Concentration Formula: Amt * DF * Uf * 5/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.365	1.366	(0.291)	54537	10.0000	9(a)
2 Chloromethane	50	1.511	1.512	(0.322)	87740	10.0000	10
3 Vinyl Chloride	62	1.615	1.615	(0.344)	89640	10.0000	10
4 Bromomethane	94	1.919	1.919	(0.409)	51156	10.0000	10
5 Chloroethane	64	2.022	2.023	(0.431)	45225	10.0000	10
6 Trichlorofluoromethane	101	2.259	2.260	(0.482)	80947	10.0000	9(a)
7 1,1-Dichloroethene	96	2.740	2.741	(0.585)	78170	10.0000	10
9 Acetone	43	2.783	2.777	(0.594)	20254	10.0000	9(a)
8 1,1,2-Trichloro-1,2,2-trifluo	101	2.758	2.753	(0.589)	79895	10.0000	10
10 Carbon Disulfide	76	2.941	2.941	(0.627)	229084	10.0000	10
11 Methyl Acetate	43	3.105	3.100	(0.662)	43741	10.0000	10
12 Methylene Chloride	84	3.202	3.197	(0.683)	86659	10.0000	11
13 trans-1,2-Dichloroethene	96	3.458	3.458	(0.738)	62488	10.0000	10
14 Methyl tert-Butyl Ether	73	3.470	3.471	(0.740)	166368	10.0000	10
15 1,1-Dichloroethane	63	3.865	3.860	(0.825)	112123	10.0000	10
16 2-Butanone	43	4.468	4.462	(0.953)	30909	10.0000	10

COPY
Original Documents Are Included in CSF___
Signed:_____ Date:___

Data File: V6D7779.D
Report Date: 23-Aug-2005 14:35

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	17 cis-1,2-Dichloroethene	96	4.449	4.444	(0.949)	64013	10.0000	10
*	18 Bromochloromethane	128	4.687	4.687	(1.000)	149628	50.0000	
	19 Chloroform	83	4.778	4.779	(1.019)	114642	10.0000	10
	20 1,1,1-Trichloroethane	97	4.966	4.967	(0.860)	87724	10.0000	10
	21 Cyclohexane	56	5.033	5.040	(0.871)	115910	10.0000	10
	22 Carbon Tetrachloride	117	5.149	5.144	(0.892)	81384	10.0000	10
$	23 1,2-Dichloroethane-d4	65	5.289	5.290	(1.129)	70461	10.0000	11
	25 Benzene	78	5.356	5.356	(0.927)	243184	10.0000	10
	24 1,2-Dichloroethane	62	5.368	5.369	(1.145)	88284	10.0000	10
*	26 1,4-Difluorobenzene	114	5.776	5.776	(1.000)	860533	50.0000	
	27 Trichloroethene	130	6.068	6.068	(1.051)	62780	10.0000	10
	28 Methylcyclohexane	83	6.293	6.287	(1.090)	103778	10.0000	10
	29 1,2-Dichloropropane	63	6.305	6.306	(1.092)	68058	10.0000	10
	30 Bromodichloromethane	83	6.621	6.622	(1.146)	78760	10.0000	10
	31 cis-1,3-Dichloropropene	75	7.151	7.145	(1.238)	93520	10.0000	10
	32 4-Methyl-2-Pentanone	43	7.345	7.340	(0.791)	66269	10.0000	10
$	33 Toluene-d8	98	7.473	7.474	(0.805)	206702	10.0000	10
	34 Toluene	91	7.552	7.553	(0.813)	250217	10.0000	10
	35 trans-1,3-Dichloropropene	75	7.826	7.820	(1.355)	88398	10.0000	10
	36 1,1,2-Trichloroethane	97	8.045	8.039	(1.393)	56012	10.0000	10
	37 Tetrachloroethene	164	8.233	8.234	(0.887)	51099	10.0000	10
	38 2-Hexanone	43	8.379	8.374	(0.902)	41749	10.0000	10
	39 Dibromochloromethane	129	8.537	8.532	(1.478)	60634	10.0000	10(T)
	40 1,2-Dibromoethane	107	8.671	8.666	(0.934)	59952	10.0000	10
*	42 Chlorobenzene-d5	117	9.286	9.280	(1.000)	820271	50.0000	
	43 Chlorobenzene	112	9.322	9.317	(1.004)	165183	10.0000	10
	44 Ethylbenzene	106	9.480	9.481	(1.021)	86793	10.0000	10
	45 m,p-Xylene	106	9.639	9.639	(1.038)	215530	20.0000	19
	46 o-Xylene	106	10.162	10.162	(1.094)	103841	10.0000	10
	47 Styrene	104	10.186	10.181	(1.097)	122950	10.0000	9(a)
	48 Bromoform	173	10.405	10.400	(1.802)	40169	10.0000	9(a)
	49 Isopropylbenzene	105	10.661	10.655	(1.148)	252854	10.0000	10
$	50 Bromofluorobenzene	95	10.843	10.838	(1.168)	84635	10.0000	11
	51 1,1,2,2-Tetrachloroethane	83	11.032	11.032	(1.188)	75711	10.0000	10
M	41 Xylene (Total)	106				319372	10.0000	29
	52 1,3-Dichlorobenzene	146	12.182	12.182	(1.312)	113969	10.0000	9(a)
	53 1,4-Dichlorobenzene	146	12.291	12.286	(1.324)	111450	10.0000	9(a)
	54 1,2-Dichlorobenzene	146	12.717	12.718	(1.369)	112168	10.0000	9(a)
	55 1,2-Dibromo-3-chloropropane	75	13.599	13.600	(1.464)	11001	10.0000	9(a)
	56 1,2,4-Trichlorobenzene	180	14.530	14.530	(1.565)	34307	10.0000	8(a)

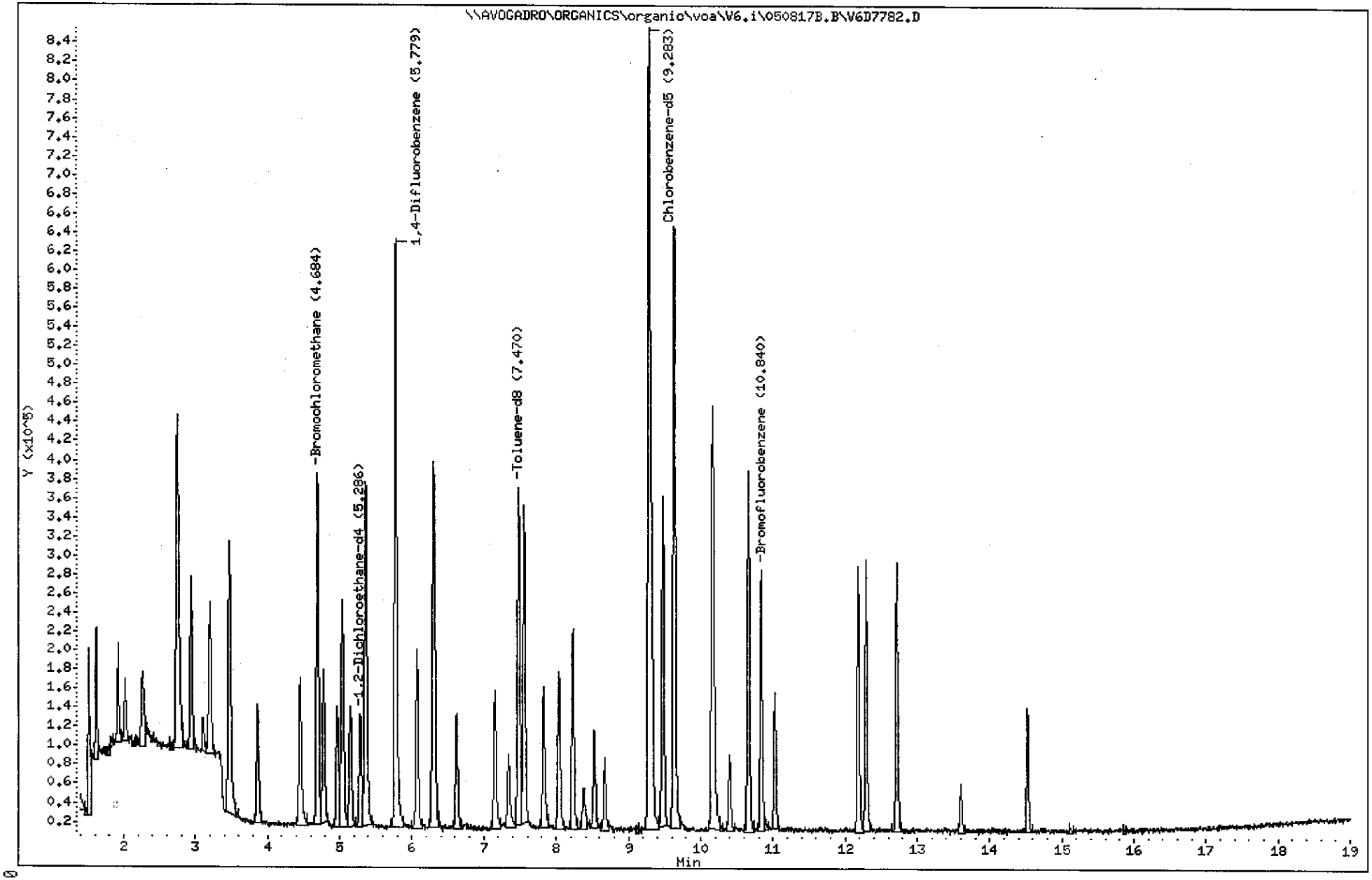
QC Flag Legend

T - Target compound detected outside RT window.
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

8/23/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050817B.B\V6D7782.D
Date : 18-AUG-2005 04:38
Client ID: VSTD0206L
Sample Info: ,VSTD0206L,VSTD0206L
Purge Volume: 5.0
Column phase: DB-624

Instrument: V6.i
Operator: SB
Column diameter: 0.25



0354

Data File: V6D7782.D
Report Date: 23-Aug-2005 14:35

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050817B.B\V6D7782.D
Lab Smp Id: VSTD0206L Client Smp ID: VSTD0206L
Inj Date : 18-AUG-2005 04:38
Operator : SB Inst ID: V6.i
Smp Info : ,VSTD0206L,VSTD0206L
Misc Info : ,1,2
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050817B.B\v6clp4s.m
Meth Date : 18-Aug-2005 09:23 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 02:44 Cal File: V6D7778.D
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET5

Concentration Formula: Amt * DF * Uf * 5/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.368	1.366	(0.292)	77462	20.0000	18
2 Chloromethane	50	1.514	1.512	(0.323)	106373	20.0000	18
3 Vinyl Chloride	62	1.618	1.615	(0.345)	112854	20.0000	18
4 Bromomethane	94	1.922	1.919	(0.410)	68161	20.0000	17
5 Chloroethane	64	2.019	2.023	(0.431)	56356	20.0000	18
6 Trichlorofluoromethane	101	2.263	2.260	(0.483)	101158	20.0000	15
7 1,1-Dichloroethene	96	2.743	2.741	(0.586)	109475	20.0000	19
9 Acetone	43	2.780	2.777	(0.593)	27867	20.0000	19
8 1,1,2-Trichloro-1,2,2-trifluo	101	2.755	2.753	(0.588)	101256	20.0000	17
10 Carbon Disulfide	76	2.938	2.941	(0.627)	290317	20.0000	18
11 Methyl Acetate	43	3.102	3.100	(0.662)	66986	20.0000	20
12 Methylene Chloride	84	3.200	3.197	(0.683)	101861	20.0000	18
13 trans-1,2-Dichloroethene	96	3.455	3.458	(0.738)	71705	20.0000	16
14 Methyl tert-Butyl Ether	73	3.473	3.471	(0.742)	203849	20.0000	17
15 1,1-Dichloroethane	63	3.863	3.860	(0.825)	139674	20.0000	17
16 2-Butanone	43	4.465	4.462	(0.953)	41418	20.0000	18

Data File: V6D7782.D
Report Date: 23-Aug-2005 14:35

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	
	17 cis-1,2-Dichloroethene	96	4.447	4.444	(0.949)	77718	20.0000	17	
*	18 Bromochloromethane	128	4.684	4.687	(1.000)	112580	50.0000		
	19 Chloroform	83	4.775	4.779	(1.019)	137838	20.0000	17	
	20 1,1,1-Trichloroethane	97	4.970	4.967	(0.860)	103674	20.0000	18	
	21 Cyclohexane	56	5.037	5.040	(0.872)	139338	20.0000	18	
	22 Carbon Tetrachloride	117	5.146	5.144	(0.891)	98629	20.0000	17	
$	23 1,2-Dichloroethane-d4	65	5.286	5.290	(1.129)	103744	20.0000	20	
	25 Benzene	78	5.359	5.356	(0.927)	294382	20.0000	17	
	24 1,2-Dichloroethane	62	5.371	5.369	(1.147)	107126	20.0000	17	
*	26 1,4-Difluorobenzene	114	5.779	5.776	(1.000)	615703	50.0000		
	27 Trichloroethene	130	6.071	6.068	(1.051)	77302	20.0000	17	
	28 Methylcyclohexane	83	6.290	6.287	(1.088)	127783	20.0000	17	
	29 1,2-Dichloropropane	63	6.302	6.306	(1.091)	80277	20.0000	17	
	30 Bromodichloromethane	83	6.624	6.622	(1.146)	97279	20.0000	17	
	31 cis-1,3-Dichloropropene	75	7.148	7.145	(1.237)	112545	20.0000	17	
	32 4-Methyl-2-Pentanone	43	7.348	7.340	(0.792)	84904	20.0000	18	
$	33 Toluene-d8	98	7.470	7.474	(0.805)	307568	20.0000	20	
	34 Toluene	91	7.555	7.553	(0.814)	304456	20.0000	17	
	35 trans-1,3-Dichloropropene	75	7.823	7.820	(1.354)	108325	20.0000	17	
	36 1,1,2-Trichloroethane	97	8.042	8.039	(1.392)	69386	20.0000	18	
	37 Tetrachloroethene	164	8.237	8.234	(0.887)	59039	20.0000	16	
	38 2-Hexanone	43	8.377	8.374	(0.902)	53877	20.0000	18	
	39 Dibromochloromethane	129	8.535	8.532	(1.477)	73417	20.0000	17 (T)	
	40 1,2-Dibromoethane	107	8.675	8.666	(0.934)	75225	20.0000	17	
*	42 Chlorobenzene-d5	117	9.283	9.280	(1.000)	607109	50.0000		
	43 Chlorobenzene	112	9.319	9.317	(1.004)	201403	20.0000	17	
	44 Ethylbenzene	106	9.478	9.481	(1.021)	100785	20.0000	16	
	45 m,p-Xylene	106	9.636	9.639	(1.038)	262499	40.0000	32	
	46 o-Xylene	106	10.165	10.162	(1.095)	126083	20.0000	16	
	47 Styrene	104	10.183	10.181	(1.097)	158730	20.0000	16	
	48 Bromoform	173	10.402	10.400	(1.800)	51086	20.0000	16	
	49 Isopropylbenzene	105	10.658	10.655	(1.148)	310790	20.0000	17	
$	50 Bromofluorobenzene	95	10.840	10.838	(1.168)	121036	20.0000	19	
	51 1,1,2,2-Tetrachloroethane	83	11.029	11.032	(1.188)	100303	20.0000	18	
M	41 Xylene (Total)	106				388582	20.0000	48	
	52 1,3-Dichlorobenzene	146	12.185	12.182	(1.313)	146363	20.0000	16	
	53 1,4-Dichlorobenzene	146	12.288	12.286	(1.324)	143547	20.0000	16	
	54 1,2-Dichlorobenzene	146	12.714	12.718	(1.370)	143918	20.0000	16	
	55 1,2-Dibromo-3-chloropropane	75	13.602	13.600	(1.465)	15194	20.0000	16	
	56 1,2,4-Trichlorobenzene	180	14.527	14.530	(1.565)	47041	20.0000	12	

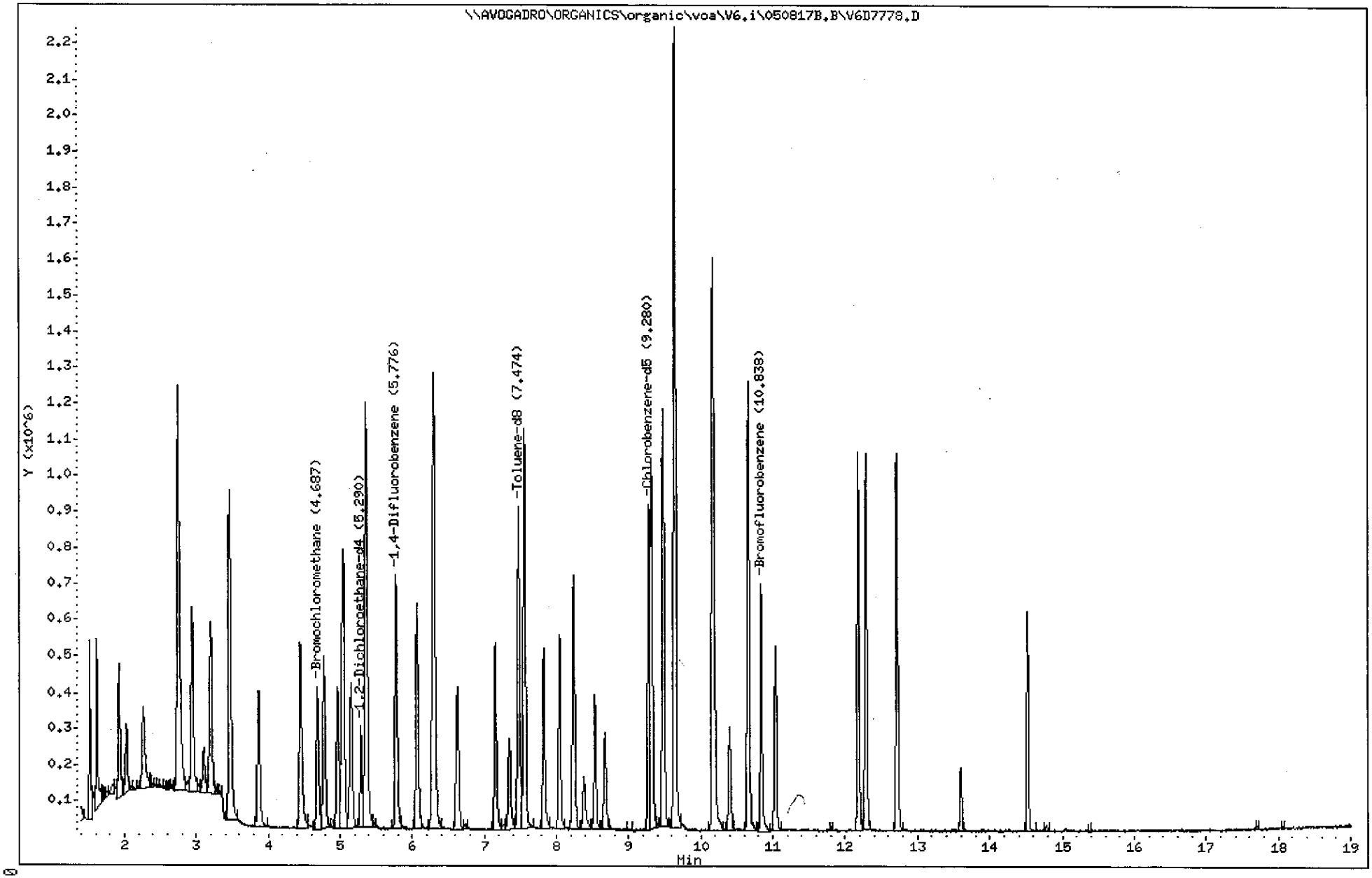
✓ correct SB

SB 8/23/05

QC Flag Legend

T - Target compound detected outside RT window.

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050817B.B\V6D7778.D
Date : 18-AUG-2005 02:44
Client ID: VSTD0506L
Instrument: V6.i
Sample Info: ,VSTD0506L,VSTD0506L
Purge Volume: 5.0
Operator: SB
Column phase: DB-624
Column diameter: 0.25



0037

Data File: V6D7778.D
Report Date: 23-Aug-2005 14:35

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050817B.B\V6D7778.D
Lab Smp Id: VSTD0506L Client Smp ID: VSTD0506L
Inj Date : 18-AUG-2005 02:44
Operator : SB Inst ID: V6.i
Smp Info : ,VSTD0506L,VSTD0506L
Misc Info : ,2
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050817B.B\v6clp4s.m
Meth Date : 18-Aug-2005 09:23 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 02:44 Cal File: V6D7778.D
Als bottle: 8 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET5

Concentration Formula: Amt * DF * Uf * 5/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.366	1.366	(0.291)	260807	50.0000	50
2 Chloromethane	50	1.512	1.512	(0.323)	327883	50.0000	50
3 Vinyl Chloride	62	1.615	1.615	(0.345)	345476	50.0000	50
4 Bromomethane	94	1.919	1.919	(0.409)	224416	50.0000	50
5 Chloroethane	64	2.023	2.023	(0.432)	176508	50.0000	50
6 Trichlorofluoromethane	101	2.260	2.260	(0.482)	370264	50.0000	50
7 1,1-Dichloroethene	96	2.741	2.741	(0.585)	324056	50.0000	50
9 Acetone	43	2.777	2.777	(0.592)	95678	50.0000	50
8 1,1,2-Trichloro-1,2,2-trifluo	101	2.753	2.753	(0.587)	330656	50.0000	50
10 Carbon Disulfide	76	2.941	2.941	(0.628)	906969	50.0000	50
11 Methyl Acetate	43	3.100	3.100	(0.661)	184699	50.0000	50
12 Methylene Chloride	84	3.197	3.197	(0.682)	314052	50.0000	50
13 trans-1,2-Dichloroethene	96	3.458	3.458	(0.738)	238186	50.0000	50
14 Methyl tert-Butyl Ether	73	3.471	3.471	(0.740)	665139	50.0000	50
15 1,1-Dichloroethane	63	3.860	3.860	(0.823)	447246	50.0000	50
16 2-Butanone	43	4.462	4.462	(0.952)	125388	50.0000	50

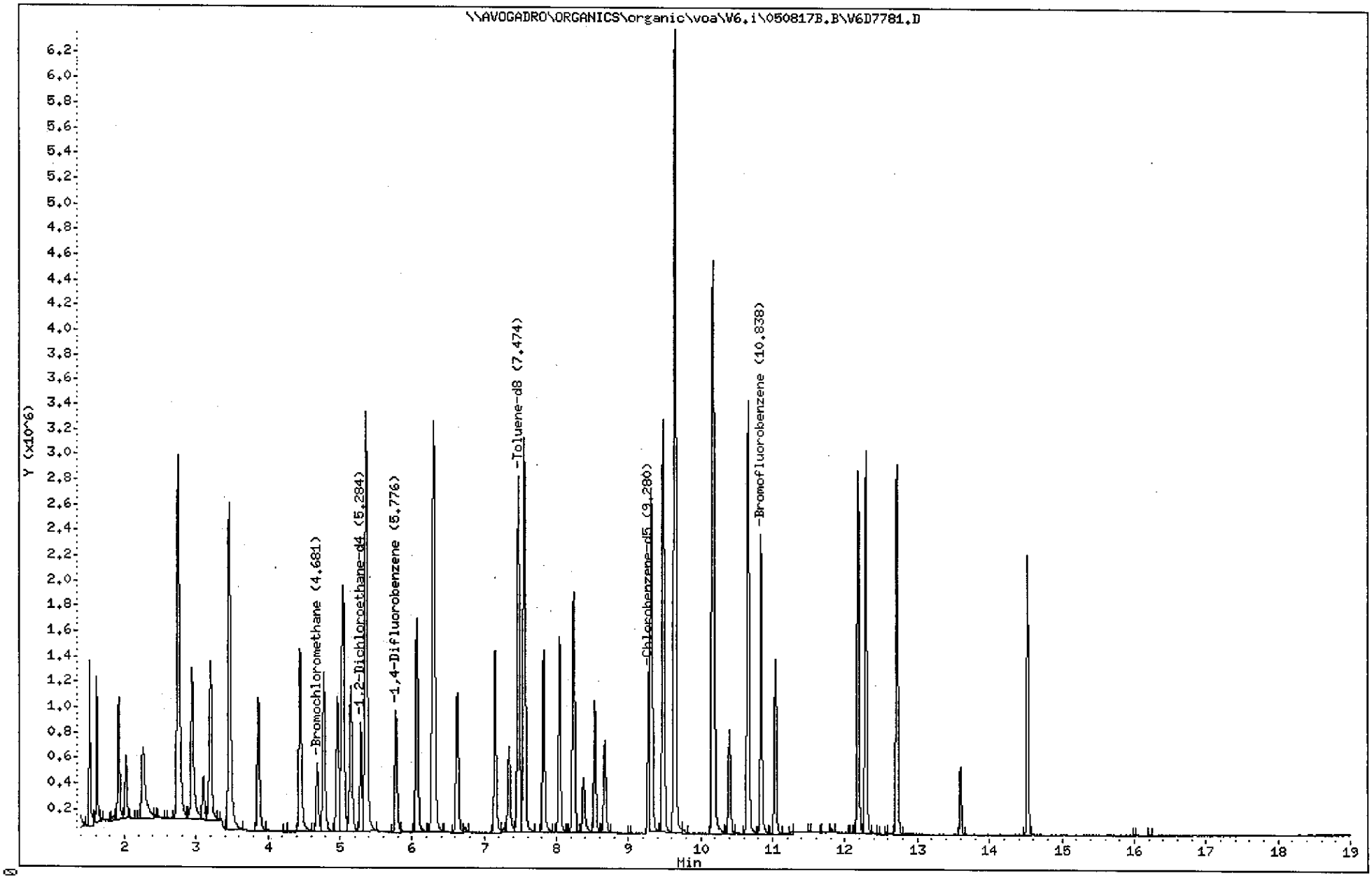
Data File: V6D7778.D
Report Date: 23-Aug-2005 14:35

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	17 cis-1,2-Dichloroethene	96	4.444	4.444	(0.948)	252607	50.0000	50
*	18 Bromochloromethane	128	4.687	4.687	(1.000)	122128	50.0000	
	19 Chloroform	83	4.779	4.779	(1.019)	434242	50.0000	50
	20 1,1,1-Trichloroethane	97	4.967	4.967	(0.860)	332412	50.0000	50
	21 Cyclohexane	56	5.040	5.040	(0.873)	470459	50.0000	50
	22 Carbon Tetrachloride	117	5.144	5.144	(0.890)	326791	50.0000	50
$	23 1,2-Dichloroethane-d4	65	5.290	5.290	(1.128)	249931	50.0000	50
	25 Benzene	78	5.356	5.356	(0.927)	971996	50.0000	50
	24 1,2-Dichloroethane	62	5.369	5.369	(1.145)	339124	50.0000	50
*	26 1,4-Difluorobenzene	114	5.776	5.776	(1.000)	684938	50.0000	
	27 Trichloroethene	130	6.068	6.068	(1.051)	254410	50.0000	50
	28 Methylcyclohexane	83	6.287	6.287	(1.088)	438114	50.0000	50
	29 1,2-Dichloropropane	63	6.306	6.306	(1.092)	274256	50.0000	50
	30 Bromodichloromethane	83	6.622	6.622	(1.146)	311758	50.0000	50
	31 cis-1,3-Dichloropropene	75	7.145	7.145	(1.237)	378991	50.0000	50
	32 4-Methyl-2-Pentanone	43	7.340	7.340	(0.791)	276157	50.0000	50
$	33 Toluene-d8	98	7.474	7.474	(0.805)	752852	50.0000	50
	34 Toluene	91	7.553	7.553	(0.814)	1021028	50.0000	50
	35 trans-1,3-Dichloropropene	75	7.820	7.820	(1.354)	363984	50.0000	50
	36 1,1,2-Trichloroethane	97	8.039	8.039	(1.392)	226328	50.0000	50
	37 Tetrachloroethene	164	8.234	8.234	(0.887)	202656	50.0000	50
	38 2-Hexanone	43	8.374	8.374	(0.902)	170160	50.0000	50
	39 Dibromochloromethane	129	8.532	8.532	(1.477)	251635	50.0000	50
	40 1,2-Dibromoethane	107	8.666	8.666	(0.934)	249955	50.0000	50
*	42 Chlorobenzene-d5	117	9.280	9.280	(1.000)	645703	50.0000	
	43 Chlorobenzene	112	9.317	9.317	(1.004)	690763	50.0000	50
	44 Ethylbenzene	106	9.481	9.481	(1.022)	356612	50.0000	50
	45 m,p-Xylene	106	9.639	9.639	(1.039)	908956	100.000	100
	46 o-Xylene	106	10.162	10.162	(1.095)	434064	50.0000	50
	47 Styrene	104	10.181	10.181	(1.097)	553132	50.0000	50
	48 Bromoform	173	10.400	10.400	(1.800)	179220	50.0000	50
	49 Isopropylbenzene	105	10.655	10.655	(1.148)	1052673	50.0000	50
$	50 Bromofluorobenzene	95	10.838	10.838	(1.168)	296711	50.0000	50
	51 1,1,2,2-Tetrachloroethane	83	11.032	11.032	(1.189)	318570	50.0000	50
M	41 Xylene (Total)	106				1343021	50.0000	150
	52 1,3-Dichlorobenzene	146	12.182	12.182	(1.313)	520200	50.0000	50
	53 1,4-Dichlorobenzene	146	12.286	12.286	(1.324)	525171	50.0000	50
	54 1,2-Dichlorobenzene	146	12.718	12.718	(1.370)	504067	50.0000	50
	55 1,2-Dibromo-3-chloropropane	75	13.600	13.600	(1.465)	54587	50.0000	50
	56 1,2,4-Trichlorobenzene	180	14.530	14.530	(1.566)	216144	50.0000	50

SB
8/23/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050817B.B\V6D7781.D
Date : 18-AUG-2005 04:09
Client ID: VSTD1006L
Sample Info: ,VSTD1006L,VSTD1006L
Purge Volume: 5.0
Column phase: DB-624

Instrument: V6.i
Operator: SB
Column diameter: 0.25



0260

Data File: V6D7781.D
Report Date: 23-Aug-2005 14:35

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050817B.B\V6D7781.D
Lab Smp Id: VSTD1006L Client Smp ID: VSTD1006L
Inj Date : 18-AUG-2005 04:09
Operator : SB Inst ID: V6.i
Smp Info : ,VSTD1006L,VSTD1006L
Misc Info : ,1,4
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050817B.B\v6clp4s.m
Meth Date : 18-Aug-2005 09:23 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 02:44 Cal File: V6D7778.D
Als bottle: 11 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET5

Concentration Formula: Amt * DF * Uf * 5/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.366	1.366	(0.291)	625003	100.000	100
2 Chloromethane	50	1.512	1.512	(0.323)	890775	100.000	100
3 Vinyl Chloride	62	1.615	1.615	(0.345)	926518	100.000	100
4 Bromomethane	94	1.919	1.919	(0.409)	616621	100.000	110
5 Chloroethane	64	2.017	2.023	(0.430)	460543	100.000	100
6 Trichlorofluoromethane	101	2.260	2.260	(0.482)	1068305	100.000	110
7 1,1-Dichloroethene	96	2.741	2.741	(0.585)	864417	100.000	100
9 Acetone	43	2.771	2.777	(0.591)	186029	100.000	91
8 1,1,2-Trichloro-1,2,2-trifluo	101	2.753	2.753	(0.587)	849523	100.000	100
10 Carbon Disulfide	76	2.941	2.941	(0.628)	2420134	100.000	100
11 Methyl Acetate	43	3.100	3.100	(0.661)	463350	100.000	99
12 Methylene Chloride	84	3.197	3.197	(0.682)	827214	100.000	100
13 trans-1,2-Dichloroethene	96	3.452	3.458	(0.737)	640123	100.000	100
14 Methyl tert-Butyl Ether	73	3.471	3.471	(0.740)	1798768	100.000	100
15 1,1-Dichloroethane	63	3.860	3.860	(0.823)	1221541	100.000	110
16 2-Butanone	43	4.462	4.462	(0.952)	339660	100.000	100

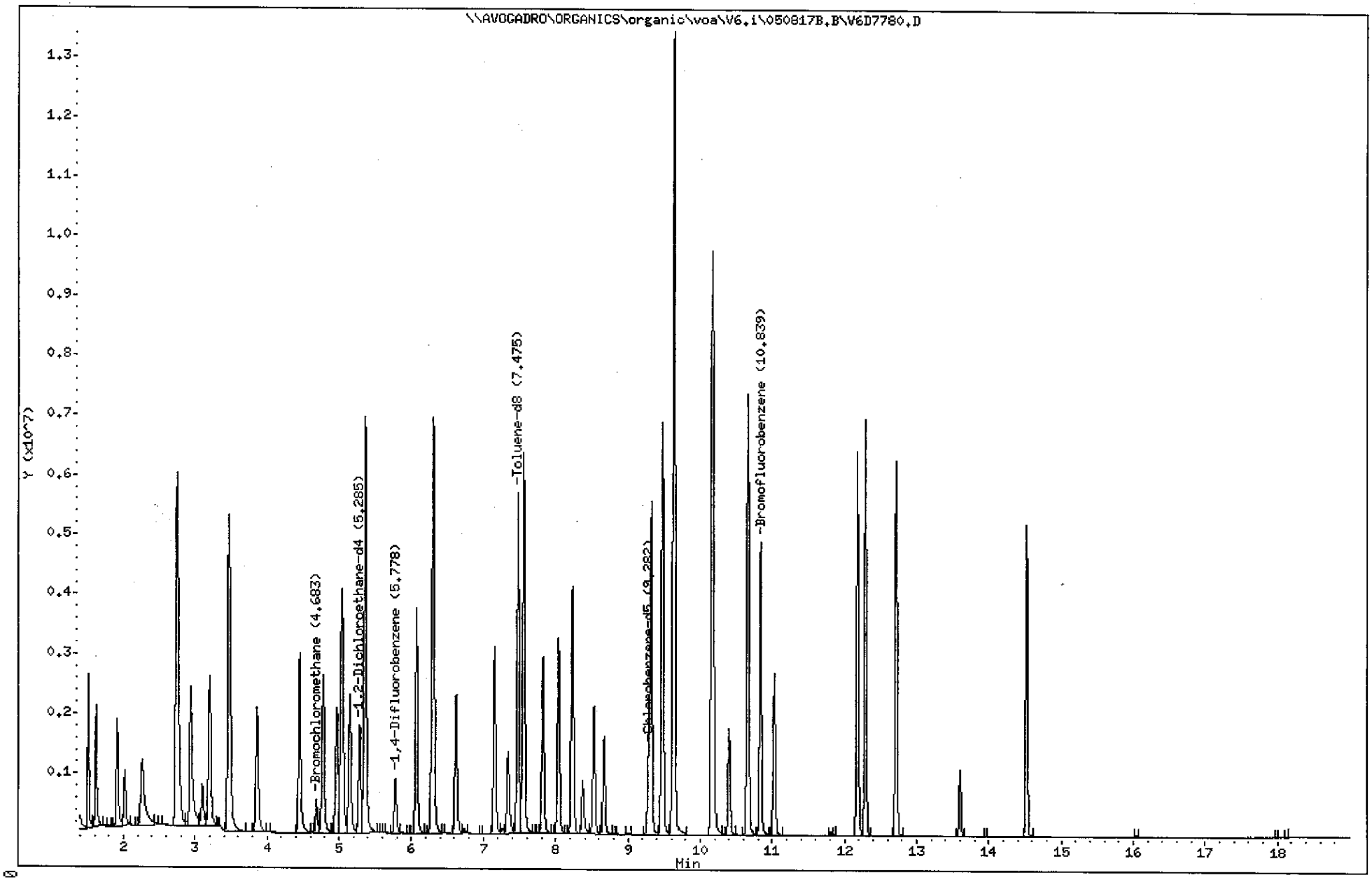
Data File: V6D7781.D
Report Date: 23-Aug-2005 14:35

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	17 cis-1,2-Dichloroethene	96	4.444	4.444	(0.948)	682053	100.000	100
*	18 Bromochloromethane	128	4.687	4.687	(1.000)	159515	50.0000	
	19 Chloroform	83	4.773	4.779	(1.018)	1155561	100.000	100
	20 1,1,1-Trichloroethane	97	4.967	4.967	(0.860)	875203	100.000	100
	21 Cyclohexane	56	5.040	5.040	(0.873)	1166086	100.000	99
	22 Carbon Tetrachloride	117	5.150	5.144	(0.892)	887732	100.000	100
$	23 1,2-Dichloroethane-d4	65	5.284	5.290	(1.127)	769009	100.000	110
	25 Benzene	78	5.357	5.356	(0.927)	2627100	100.000	100
	24 1,2-Dichloroethane	62	5.369	5.369	(1.145)	942409	100.000	110
*	26 1,4-Difluorobenzene	114	5.776	5.776	(1.000)	917965	50.0000	
	27 Trichloroethene	130	6.068	6.068	(1.051)	688968	100.000	100
	28 Methylcyclohexane	83	6.287	6.287	(1.088)	1100923	100.000	100
	29 1,2-Dichloropropane	63	6.306	6.306	(1.092)	738530	100.000	100
	30 Bromodichloromethane	83	6.622	6.622	(1.146)	868449	100.000	100
	31 cis-1,3-Dichloropropene	75	7.145	7.145	(1.237)	1039872	100.000	100
	32 4-Methyl-2-Pentanone	43	7.340	7.340	(0.791)	712966	100.000	100
$	33 Toluene-d8	98	7.474	7.474	(0.805)	2310502	100.000	110
	34 Toluene	91	7.553	7.553	(0.814)	2752592	100.000	110
	35 trans-1,3-Dichloropropene	75	7.820	7.820	(1.354)	993081	100.000	110
	36 1,1,2-Trichloroethane	97	8.039	8.039	(1.392)	606620	100.000	100
	37 Tetrachloroethene	164	8.234	8.234	(0.887)	553069	100.000	110
	38 2-Hexanone	43	8.374	8.374	(0.902)	467294	100.000	110
	39 Dibromochloromethane	129	8.532	8.532	(1.477)	694370	100.000	110
	40 1,2-Dibromoethane	107	8.666	8.666	(0.934)	664245	100.000	100
*	42 Chlorobenzene-d5	117	9.280	9.280	(1.000)	866996	50.0000	
	43 Chlorobenzene	112	9.317	9.317	(1.004)	1840380	100.000	110
	44 Ethylbenzene	106	9.481	9.481	(1.022)	982157	100.000	110
	45 m,p-Xylene	106	9.639	9.639	(1.039)	2459136	200.000	210
	46 o-Xylene	106	10.162	10.162	(1.095)	1217954	100.000	110
	47 Styrene	104	10.181	10.181	(1.097)	1546329	100.000	110
	48 Bromoform	173	10.400	10.400	(1.800)	498641	100.000	110
	49 Isopropylbenzene	105	10.655	10.655	(1.148)	2877284	100.000	110
$	50 Bromofluorobenzene	95	10.838	10.838	(1.168)	959799	100.000	110
	51 1,1,2,2-Tetrachloroethane	83	11.032	11.032	(1.189)	858664	100.000	110
M	41 Xylene (Total)	106				3677090	100.000	320
	52 1,3-Dichlorobenzene	146	12.182	12.182	(1.313)	1394221	100.000	110
	53 1,4-Dichlorobenzene	146	12.286	12.286	(1.324)	1430566	100.000	110
	54 1,2-Dichlorobenzene	146	12.718	12.718	(1.370)	1365338	100.000	110
	55 1,2-Dibromo-3-chloropropane	75	13.600	13.600	(1.465)	151215	100.000	110
	56 1,2,4-Trichlorobenzene	180	14.524	14.530	(1.565)	742466	100.000	130

SB
8/23/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050817B.B\V6D7780.D
Date : 18-AUG-2005 03:41
Client ID: VSTD2006L
Sample Info: ,VSTD2006L,VSTD2006L
Purge Volume: 5.0
Column phase: DB-624

Instrument: V6.i
Operator: SB
Column diameter: 0.25



0233

Data File: V6D7780.D
Report Date: 23-Aug-2005 14:35

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050817B.B\V6D7780.D
Lab Smp Id: VSTD2006L Client Smp ID: VSTD2006L
Inj Date : 18-AUG-2005 03:41
Operator : SB Inst ID: V6.i
Smp Info : ,VSTD2006L,VSTD2006L
Misc Info : ,1,5
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050817B.B\v6clp4s.m
Meth Date : 18-Aug-2005 09:23 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 02:44 Cal File: V6D7778.D
Als bottle: 10 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET5

Concentration Formula: Amt * DF * Uf * 5/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.367	1.366	(0.292)	1266003	200.000	200
2 Chloromethane	50	1.513	1.512	(0.323)	1793664	200.000	190
3 Vinyl Chloride	62	1.617	1.615	(0.345)	1889872	200.000	200
4 Bromomethane	94	1.915	1.919	(0.409)	1228965	200.000	210(A)
5 Chloroethane	64	2.018	2.023	(0.431)	895539	200.000	190
6 Trichlorofluoromethane	101	2.255	2.260	(0.482)	2227462	200.000	220(A)
7 1,1-Dichloroethene	96	2.736	2.741	(0.584)	1742936	200.000	200
9 Acetone	43	2.772	2.777	(0.592)	348414	200.000	160
8 1,1,2-Trichloro-1,2,2-trifluo	101	2.748	2.753	(0.587)	1703182	200.000	190
10 Carbon Disulfide	76	2.937	2.941	(0.627)	4948176	200.000	200
11 Methyl Acetate	43	3.095	3.100	(0.661)	961813	200.000	200
12 Methylene Chloride	84	3.198	3.197	(0.683)	1651458	200.000	190
13 trans-1,2-Dichloroethene	96	3.454	3.458	(0.738)	1362074	200.000	200
14 Methyl tert-Butyl Ether	73	3.472	3.471	(0.741)	3801193	200.000	210(A)
15 1,1-Dichloroethane	63	3.861	3.860	(0.825)	2492143	200.000	200
16 2-Butanone	43	4.457	4.462	(0.952)	694349	200.000	200

Data File: V6D7780.D
Report Date: 23-Aug-2005 14:35

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	17 cis-1,2-Dichloroethene	96	4.445	4.444	(0.949)	1417328	200.000	200
*	18 Bromochloromethane	128	4.683	4.687	(1.000)	166059	50.0000	
	19 Chloroform	83	4.774	4.779	(1.019)	2369491	200.000	200
	20 1,1,1-Trichloroethane	97	4.968	4.967	(0.860)	1782426	200.000	190
	21 Cyclohexane	56	5.035	5.040	(0.872)	2454362	200.000	200
	22 Carbon Tetrachloride	117	5.145	5.144	(0.890)	1858728	200.000	210(A)
$	23 1,2-Dichloroethane-d4	65	5.285	5.290	(1.129)	1560698	200.000	210(A)
	25 Benzene	78	5.358	5.356	(0.927)	5470281	200.000	200
	24 1,2-Dichloroethane	62	5.364	5.369	(1.146)	1954729	200.000	200
*	26 1,4-Difluorobenzene	114	5.778	5.776	(1.000)	932561	50.0000	
	27 Trichloroethene	130	6.064	6.068	(1.049)	1477542	200.000	210(A)
	28 Methylcyclohexane	83	6.289	6.287	(1.088)	2356557	200.000	200
	29 1,2-Dichloropropane	63	6.301	6.306	(1.091)	1547783	200.000	210(A)
	30 Bromodichloromethane	83	6.623	6.622	(1.146)	1805068	200.000	210(A)
	31 cis-1,3-Dichloropropene	75	7.146	7.145	(1.237)	2183551	200.000	210(A)
	32 4-Methyl-2-Pentanone	43	7.335	7.340	(0.790)	1435219	200.000	190
$	33 Toluene-d8	98	7.475	7.474	(0.805)	4695838	200.000	210(A)
	34 Toluene	91	7.554	7.553	(0.814)	5600648	200.000	200
	35 trans-1,3-Dichloropropene	75	7.822	7.820	(1.354)	2028145	200.000	210(A)
	36 1,1,2-Trichloroethane	97	8.041	8.039	(1.392)	1241533	200.000	200
	37 Tetrachloroethene	164	8.235	8.234	(0.887)	1191400	200.000	210(A)
	38 2-Hexanone	43	8.369	8.374	(0.902)	933538	200.000	200
	39 Dibromochloromethane	129	8.533	8.532	(1.477)	1486839	200.000	210(A)
	40 1,2-Dibromoethane	107	8.667	8.666	(0.934)	1407793	200.000	200
*	42 Chlorobenzene-d5	117	9.282	9.280	(1.000)	917378	50.0000	
	43 Chlorobenzene	112	9.318	9.317	(1.004)	3874785	200.000	200
	44 Ethylbenzene	106	9.476	9.481	(1.021)	2092772	200.000	210(A)
	45 m,p-Xylene	106	9.641	9.639	(1.039)	5305130	400.000	420(A)
	46 o-Xylene	106	10.164	10.162	(1.095)	2625298	200.000	210(A)
	47 Styrene	104	10.182	10.181	(1.097)	3332414	200.000	220(A)
	48 Bromoform	173	10.401	10.400	(1.800)	1088474	200.000	220(A)
	49 Isopropylbenzene	105	10.657	10.655	(1.148)	6013657	200.000	200
$	50 Bromofluorobenzene	95	10.839	10.838	(1.168)	1963728	200.000	210(A)
	51 1,1,2,2-Tetrachloroethane	83	11.034	11.032	(1.189)	1720918	200.000	200
M	41 Xylene (Total)	106				7930429	200.000	630
	52 1,3-Dichlorobenzene	146	12.177	12.182	(1.312)	3128166	200.000	220(A)
	53 1,4-Dichlorobenzene	146	12.287	12.286	(1.324)	3199333	200.000	220(A)
	54 1,2-Dichlorobenzene	146	12.719	12.718	(1.370)	2998283	200.000	210(A)
	55 1,2-Dibromo-3-chloropropane	75	13.601	13.600	(1.465)	303604	200.000	210(A)
	56 1,2,4-Trichlorobenzene	180	14.526	14.530	(1.565)	1773845	200.000	280(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

SB 8/23/05

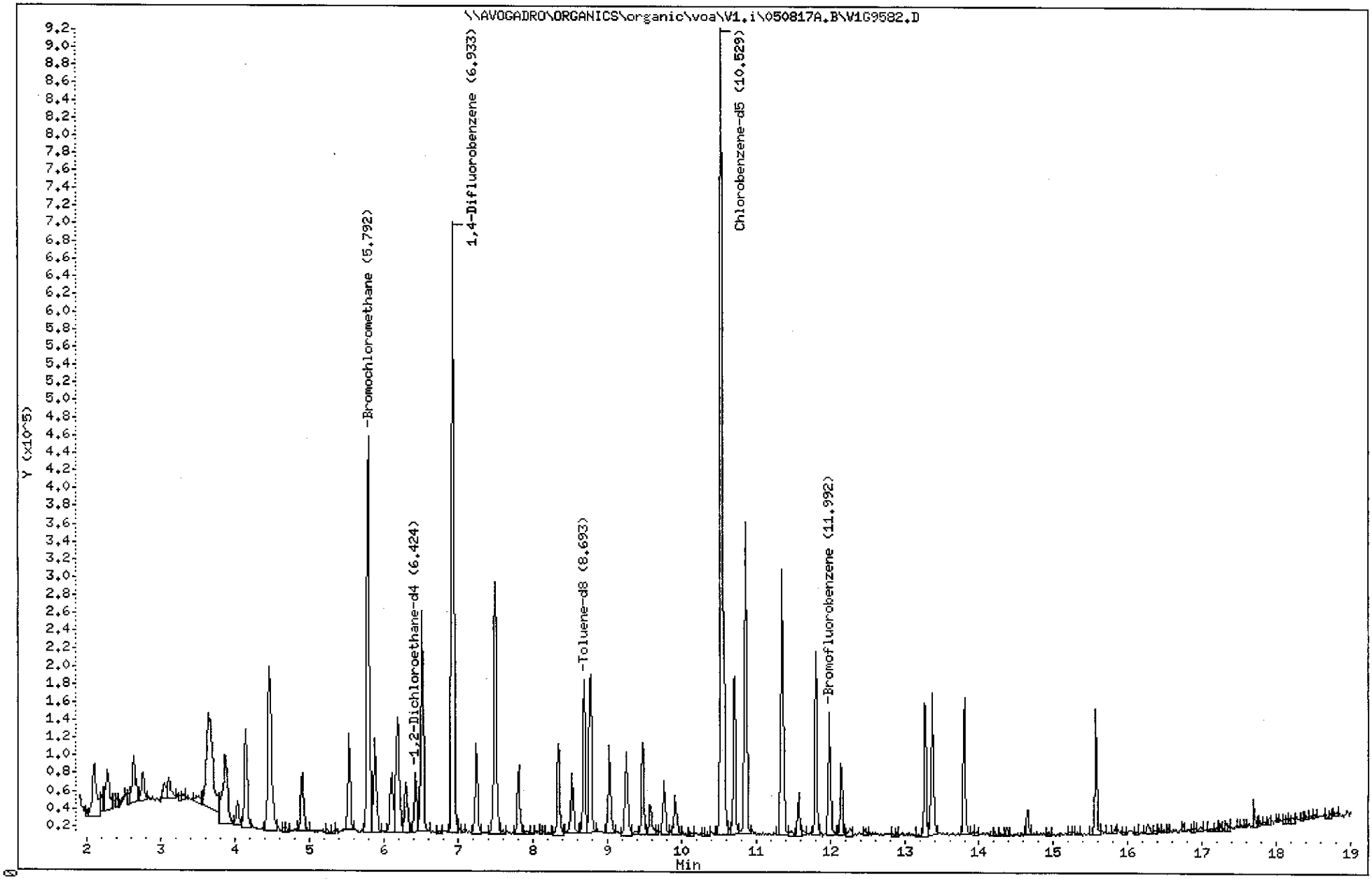
Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050817A.B\V1G9582.D
Date : 18-AUG-2005 03:56
Client ID: VSTD0101Q
Sample Info: ,VSTD0101Q,VSTD0101Q

Column phase: DB-624

Instrument: V1.i

Operator: LG
Column diameter: 0.25

COPY
Original Documents Are Included in CSF
Signed: _____ **Date:**



0226

Data File: V1G9582.D
Report Date: 18-Aug-2005 11:15

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050817A.B\V1G9582.D
Lab Smp Id: VSTD0101Q Client Smp ID: VSTD0101Q
Inj Date : 18-AUG-2005 03:56
Operator : LG Inst ID: V1.i
Smp Info : ,VSTD0101Q,VSTD0101Q
Misc Info : ,1,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050817A.B\v1clp4h.m
Meth Date : 18-Aug-2005 11:12 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 03:28 Cal File: V1G9581.D
Als bottle: 46 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET8

Concentration Formula: Amt * DF * Uf * (Vt * 5000)/(Va * Ws * ((100-M)/100))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	4.000	Weight of sample (g)
M	0.000	% Moisture (not decanted)
Vt	10000.000	Methanol extract volume (mL)
Va	100.000	Aliquot of methanol (uL)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.935	1.969	(0.334)	37946	10.0000	9(a)
2 Chloromethane	50	2.096	2.106	(0.362)	76813	10.0000	9(a)
3 Vinyl Chloride	62	2.270	2.279	(0.392)	67613	10.0000	9(a)
4 Bromomethane	94	2.629	2.639	(0.454)	44640	10.0000	9(a)
5 Chloroethane	64	2.741	2.750	(0.473)	40335	10.0000	9(a)
6 Trichlorofluoromethane	101	3.101	3.110	(0.535)	36595	10.0000	7(a)
7 1,1-Dichloroethene	96	3.622	3.618	(0.625)	41562	10.0000	9(a)
8 1,1,2-Trichloro-1,2,2-trifluo	101	3.659	3.656	(0.632)	47408	10.0000	9(a)
9 Acetone	43	3.659	3.668	(0.632)	41762	10.0000	10
10 Carbon Disulfide	76	3.869	3.866	(0.668)	146435	10.0000	9(a)
11 Methyl Acetate	43	4.031	4.028	(0.696)	63170	10.0000	10
12 Methylene Chloride	84	4.142	4.139	(0.715)	53145	10.0000	9(a)
13 trans-1,2-Dichloroethene	96	4.452	4.449	(0.769)	40877	10.0000	9(a)

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Original Documents Are Included in CSF_____
Signed:_____ Date:_____

Data File: V1G9582.D
Report Date: 18-Aug-2005 11:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	14 Methyl tert-Butyl Ether	73	4.465	4.462	(0.771)	164031	10.0000	9(a)
	15 1,1-Dichloroethane	63	4.899	4.896	(0.846)	94602	10.0000	9(a)
	16 2-Butanone	43	5.531	5.528	(0.955)	40879	10.0000	9(a)
	17 cis-1,2-Dichloroethene	96	5.531	5.528	(0.955)	41041	10.0000	9(a)
*	18 Bromochloromethane	128	5.792	5.789	(1.000)	129181	50.0000	
	19 Chloroform	83	5.878	5.875	(1.015)	91554	10.0000	10
	20 1,1,1-Trichloroethane	97	6.102	6.099	(0.880)	60424	10.0000	9(a)
	21 Cyclohexane	56	6.176	6.185	(0.891)	85122	10.0000	9(a)
	22 Carbon Tetrachloride	117	6.288	6.297	(0.907)	49521	10.0000	10
$	23 1,2-Dichloroethane-d4	65	6.424	6.421	(1.109)	61439	10.0000	9(a)
	24 1,2-Dichloroethane	62	6.511	6.508	(1.124)	80393	10.0000	9(a)
	25 Benzene	78	6.511	6.508	(0.939)	170492	10.0000	9(a)
*	26 1,4-Difluorobenzene	114	6.933	6.930	(1.000)	628804	50.0000	
	27 Trichloroethene	130	7.243	7.239	(1.045)	38027	10.0000	10
	28 Methylcyclohexane	83	7.491	7.487	(1.080)	67937	10.0000	9(a)
	29 1,2-Dichloropropane	63	7.491	7.487	(1.080)	49064	10.0000	9(a)
	30 Bromodichloromethane	83	7.813	7.810	(1.127)	57712	10.0000	9(a)
	31 cis-1,3-Dichloropropene	75	8.346	8.343	(1.204)	63340	10.0000	9(a)
	32 4-Methyl-2-Pentanone	43	8.532	8.529	(0.810)	70480	10.0000	10
$	33 Toluene-d8	98	8.694	8.690	(0.826)	120947	10.0000	10
	34 Toluene	91	8.780	8.777	(0.834)	147406	10.0000	9(a)
	35 trans-1,3-Dichloropropene	75	9.028	9.025	(1.302)	62772	10.0000	9(a)
	36 1,1,2-Trichloroethane	97	9.252	9.261	(1.335)	34208	10.0000	9(a)
	37 Tetrachloroethene	164	9.475	9.484	(0.900)	28987	10.0000	10
	38 2-Hexanone	43	9.574	9.571	(0.909)	43642	10.0000	9(a)
	39 Dibromochloromethane	129	9.772	9.769	(1.410)	37433	10.0000	9(Ta)
	40 1,2-Dibromoethane	107	9.921	9.918	(0.942)	36282	10.0000	10
*	42 Chlorobenzene-d5	117	10.529	10.526	(1.000)	522452	50.0000	
	43 Chlorobenzene	112	10.566	10.563	(1.004)	93374	10.0000	10
	44 Ethylbenzene	106	10.715	10.712	(1.018)	44313	10.0000	9(a)
	45 m,p-Xylene	106	10.864	10.861	(1.032)	120733	20.0000	19
	46 o-Xylene	106	11.360	11.357	(1.079)	60545	10.0000	10
	47 Styrene	104	11.372	11.369	(1.080)	71845	10.0000	9(a)
	48 Bromoform	173	11.583	11.580	(1.671)	22327	10.0000	9(a)
	49 Isopropylbenzene	105	11.806	11.803	(1.121)	145445	10.0000	9(a)
$	50 Bromofluorobenzene	95	11.980	11.989	(1.138)	56645	10.0000	10
	51 1,1,2,2-Tetrachloroethane	83	12.141	12.150	(1.153)	49527	10.0000	10
M	41 Xylene (Total)	106				181278	10.0000	29
	52 1,3-Dichlorobenzene	146	13.282	13.279	(1.261)	73329	10.0000	9(a)
	53 1,4-Dichlorobenzene	146	13.381	13.378	(1.271)	76027	10.0000	10
	54 1,2-Dichlorobenzene	146	13.803	13.800	(1.311)	68474	10.0000	9(a)
	55 1,2-Dibromo-3-chloropropane	75	14.658	14.655	(1.392)	9802	10.0000	10
	56 1,2,4-Trichlorobenzene	180	15.564	15.560	(1.478)	42990	10.0000	9(a)

LG
8/18/05

Data File: V1G9582.D
Report Date: 18-Aug-2005 11:15

QC Flag Legend

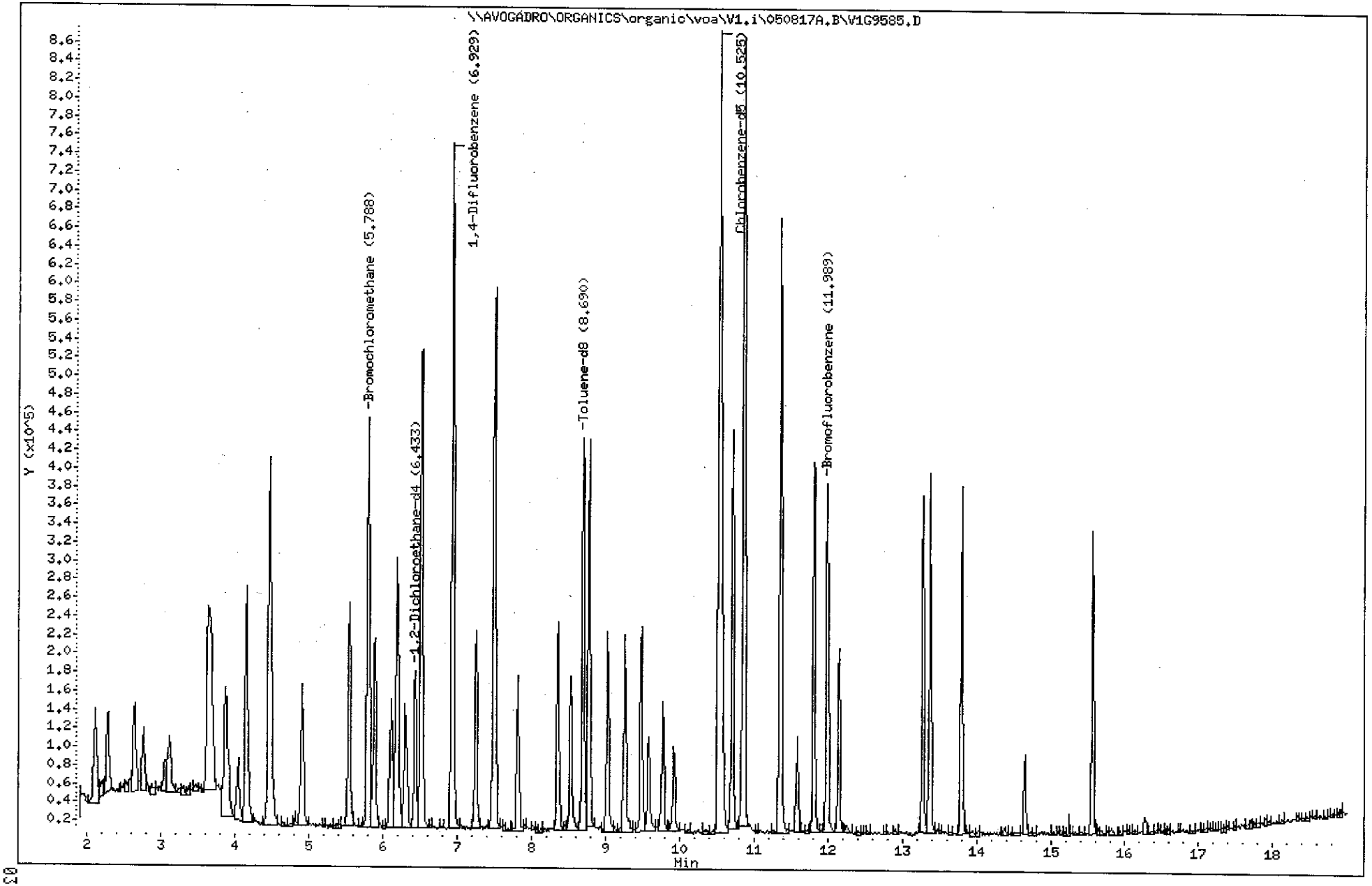
T - Target compound detected outside RT window.
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050817A.B\V1G9585.D
Date : 18-AUG-2005 05:21
Client ID: VSTD0201Q
Sample Info: ,VSTD0201Q,VSTD0201Q

Column phase: DB-624

Instrument: V1.i

Operator: LC
Column diameter: 0.25



0270

Data File: V1G9585.D
Report Date: 18-Aug-2005 11:15

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050817A.B\V1G9585.D
Lab Smp Id: VSTD0201Q Client Smp ID: VSTD0201Q
Inj Date : 18-AUG-2005 05:21
Operator : LG Inst ID: V1.i
Smp Info : ,VSTD0201Q,VSTD0201Q
Misc Info : ,1,2
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050817A.B\v1clp4h.m
Meth Date : 18-Aug-2005 11:12 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 03:28 Cal File: V1G9581.D
Als bottle: 49 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET8

Concentration Formula: Amt * DF * Uf * (Vt * 5000)/(Va * Ws * ((100-M)/100))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	4.000	Weight of sample (g)
M	0.000	% Moisture (not decanted)
Vt	10000.000	Methanol extract volume (mL)
Va	100.000	Aliquot of methanol (uL)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.969	1.969	(0.339)	66310	20.0000	16
2 Chloromethane	50	2.093	2.106	(0.361)	167452	20.0000	19
3 Vinyl Chloride	62	2.266	2.279	(0.391)	149236	20.0000	20
4 Bromomethane	94	2.626	2.639	(0.453)	96743	20.0000	20
5 Chloroethane	64	2.750	2.750	(0.474)	85868	20.0000	19
6 Trichlorofluoromethane	101	3.110	3.110	(0.536)	128308	20.0000	21
7 1,1-Dichloroethene	96	3.630	3.618	(0.626)	92109	20.0000	19
8 1,1,2-Trichloro-1,2,2-trifluo	101	3.668	3.656	(0.632)	99168	20.0000	19
9 Acetone	43	3.668	3.668	(0.632)	90807	20.0000	23
10 Carbon Disulfide	76	3.866	3.866	(0.666)	327047	20.0000	19
11 Methyl Acetate	43	4.040	4.028	(0.696)	122282	20.0000	19
12 Methylene Chloride	84	4.151	4.139	(0.716)	136871	20.0000	23
13 trans-1,2-Dichloroethene	96	4.461	4.449	(0.769)	85603	20.0000	19

Data File: V1G9585.D
Report Date: 18-Aug-2005 11:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	14 Methyl tert-Butyl Ether	73	4.474	4.462	(0.771)	347505	20.0000	19
	15 1,1-Dichloroethane	63	4.908	4.896	(0.846)	201548	20.0000	19
	16 2-Butanone	43	5.540	5.528	(0.955)	91033	20.0000	20
	17 cis-1,2-Dichloroethene	96	5.540	5.528	(0.955)	89891	20.0000	18
*	18 Bromochloromethane	128	5.801	5.789	(1.000)	131739	50.0000	
	19 Chloroform	83	5.887	5.875	(1.015)	187840	20.0000	20
	20 1,1,1-Trichloroethane	97	6.111	6.099	(0.882)	125055	20.0000	19
	21 Cyclohexane	56	6.185	6.185	(0.893)	187205	20.0000	19
	22 Carbon Tetrachloride	117	6.297	6.297	(0.909)	98495	20.0000	18
$	23 1,2-Dichloroethane-d4	65	6.433	6.421	(1.109)	150279	20.0000	22
	24 1,2-Dichloroethane	62	6.520	6.508	(1.124)	175262	20.0000	20
	25 Benzene	78	6.520	6.508	(0.941)	376538	20.0000	19
*	26 1,4-Difluorobenzene	114	6.929	6.930	(1.000)	649172	50.0000	
	27 Trichloroethene	130	7.251	7.239	(1.047)	82324	20.0000	20
	28 Methylcyclohexane	83	7.500	7.487	(1.082)	142292	20.0000	18
	29 1,2-Dichloropropane	63	7.500	7.487	(1.082)	115716	20.0000	20
	30 Bromodichloromethane	83	7.809	7.810	(1.127)	123146	20.0000	18
	31 cis-1,3-Dichloropropene	75	8.355	8.343	(1.206)	149145	20.0000	19
	32 4-Methyl-2-Pentanone	43	8.529	8.529	(0.809)	169840	20.0000	21
$	33 Toluene-d8	98	8.690	8.690	(0.825)	319715	20.0000	23
	34 Toluene	91	8.777	8.777	(0.833)	329472	20.0000	19
	35 trans-1,3-Dichloropropene	75	9.025	9.025	(1.302)	139369	20.0000	19
	36 1,1,2-Trichloroethane	97	9.260	9.261	(1.336)	77540	20.0000	20
	37 Tetrachloroethene	164	9.484	9.484	(0.900)	66128	20.0000	20
	38 2-Hexanone	43	9.583	9.571	(0.909)	118423	20.0000	22
	39 Dibromochloromethane	129	9.769	9.769	(1.410)	87342	20.0000	20
	40 1,2-Dibromoethane	107	9.918	9.918	(0.941)	79444	20.0000	19
*	42 Chlorobenzene-d5	117	10.538	10.526	(1.000)	545898	50.0000	
	43 Chlorobenzene	112	10.562	10.563	(1.002)	208712	20.0000	20
	44 Ethylbenzene	106	10.711	10.712	(1.016)	101948	20.0000	19
	45 m,p-Xylene	106	10.860	10.861	(1.031)	269532	40.0000	38
	46 o-Xylene	106	11.356	11.357	(1.078)	130988	20.0000	19
	47 Styrene	104	11.369	11.369	(1.079)	168454	20.0000	19
	48 Bromoform	173	11.579	11.580	(1.671)	59657	20.0000	21
	49 Isopropylbenzene	105	11.815	11.803	(1.121)	311100	20.0000	19
$	50 Bromofluorobenzene	95	11.989	11.989	(1.138)	141016	20.0000	22
	51 1,1,2,2-Tetrachloroethane	83	12.150	12.150	(1.153)	122594	20.0000	21
M	41 Xylene (Total)	106				400520	20.0000	59
	52 1,3-Dichlorobenzene	146	13.278	13.279	(1.260)	159154	20.0000	19
	53 1,4-Dichlorobenzene	146	13.377	13.378	(1.269)	165208	20.0000	19
	54 1,2-Dichlorobenzene	146	13.799	13.800	(1.310)	158850	20.0000	20
	55 1,2-Dibromo-3-chloropropane	75	14.655	14.655	(1.391)	25961	20.0000	24
	56 1,2,4-Trichlorobenzene	180	15.560	15.560	(1.477)	111204	20.0000	21

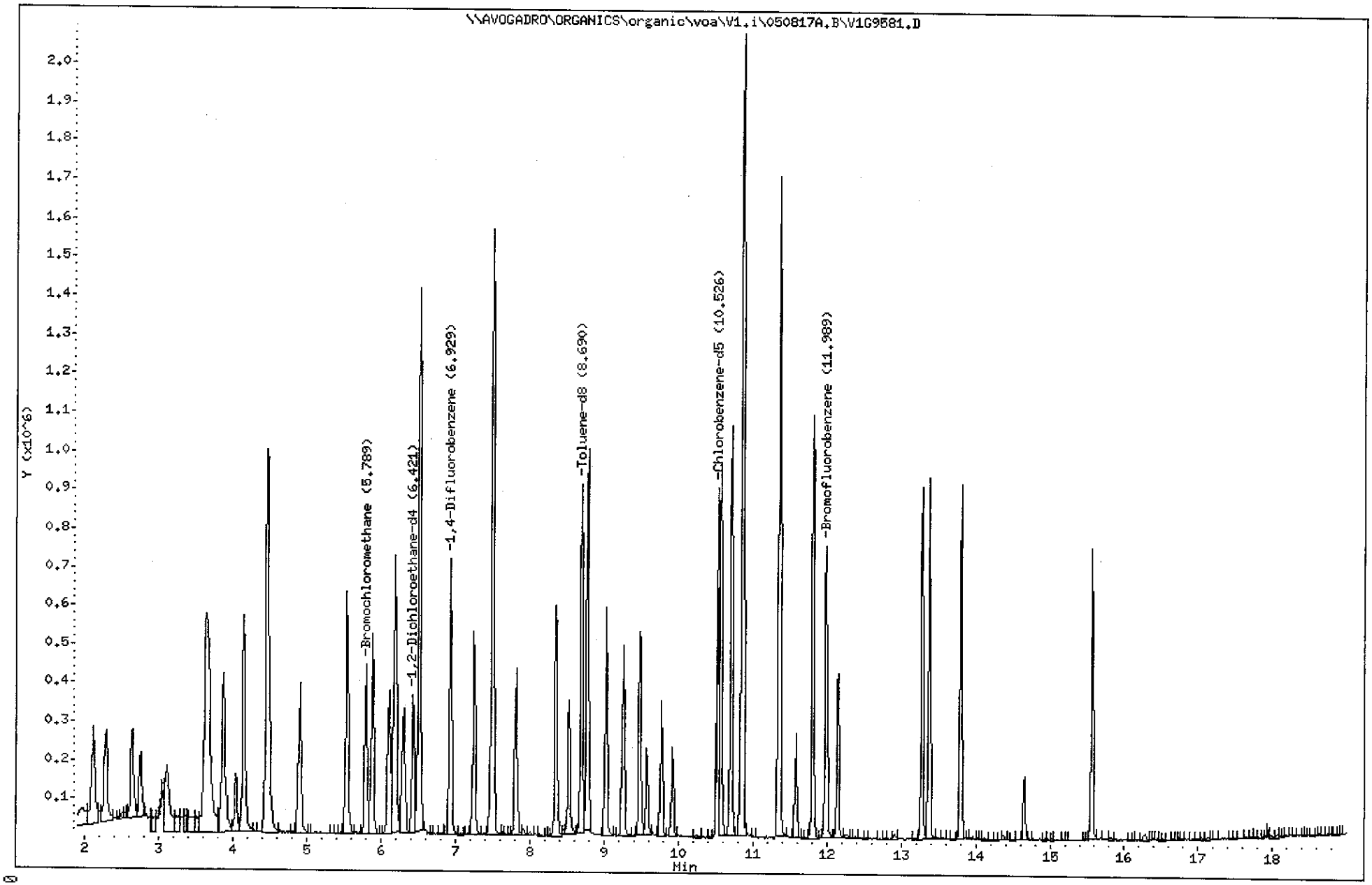
LG
8/18/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050817A.B\V1G9581.D
Date : 18-AUG-2005 03:28
Client ID: VSTD0501Q
Sample Info: ,VSTD0501Q,VSTD0501Q

Instrument: V1.i

Operator: LG
Column diameter: 0.25

Column phase: DB-624



0273

Data File: V1G9581.D
Report Date: 18-Aug-2005 11:15

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050817A.B\V1G9581.D
Lab Smp Id: VSTD0501Q Client Smp ID: VSTD0501Q
Inj Date : 18-AUG-2005 03:28
Operator : LG Inst ID: V1.i
Smp Info : ,VSTD0501Q,VSTD0501Q
Misc Info : ,2
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050817A.B\v1clp4h.m
Meth Date : 18-Aug-2005 11:12 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 03:28 Cal File: V1G9581.D
Als bottle: 45 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET8

Concentration Formula: Amt * DF * Uf * (Vt * 5000)/(Va * Ws * ((100-M)/100))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	4.000	Weight of sample (g)
M	0.000	% Moisture (not decanted)
Vt	10000.000	Methanol extract volume (mL)
Va	100.000	Aliquot of methanol (uL)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.969	1.969	(0.340)	212696	50.0000	50
2	Chloromethane	50	2.106	2.106	(0.364)	445127	50.0000	50
3	Vinyl Chloride	62	2.279	2.279	(0.394)	392663	50.0000	50
4	Bromomethane	94	2.639	2.639	(0.456)	245711	50.0000	50
5	Chloroethane	64	2.750	2.750	(0.475)	220414	50.0000	50
6	Trichlorofluoromethane	101	3.110	3.110	(0.537)	331637	50.0000	50
7	1,1-Dichloroethene	96	3.618	3.618	(0.625)	233997	50.0000	50
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.656	3.656	(0.632)	256422	50.0000	50
9	Acetone	43	3.668	3.668	(0.634)	192704	50.0000	50
10	Carbon Disulfide	76	3.866	3.866	(0.668)	855942	50.0000	50
11	Methyl Acetate	43	4.028	4.028	(0.696)	299775	50.0000	50
12	Methylene Chloride	84	4.139	4.139	(0.715)	284374	50.0000	50
13	trans-1,2-Dichloroethene	96	4.449	4.449	(0.769)	213617	50.0000	50

Data File: V1G9581.D
Report Date: 18-Aug-2005 11:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	14 Methyl tert-Butyl Ether	73	4.462	4.462	(0.771)	853520	50.0000	50
	15 1,1-Dichloroethane	63	4.896	4.896	(0.846)	507551	50.0000	50
	16 2-Butanone	43	5.528	5.528	(0.955)	213194	50.0000	50
	17 cis-1,2-Dichloroethene	96	5.528	5.528	(0.955)	236372	50.0000	50
*	18 Bromochloromethane	128	5.789	5.789	(1.000)	121066	50.0000	
	19 Chloroform	83	5.875	5.875	(1.015)	454736	50.0000	50
	20 1,1,1-Trichloroethane	97	6.099	6.099	(0.880)	332733	50.0000	50
	21 Cyclohexane	56	6.185	6.185	(0.893)	482050	50.0000	50
	22 Carbon Tetrachloride	117	6.297	6.297	(0.909)	264346	50.0000	50
$	23 1,2-Dichloroethane-d4	65	6.421	6.421	(1.109)	321369	50.0000	50
	24 1,2-Dichloroethane	62	6.508	6.508	(1.124)	433806	50.0000	50
	25 Benzene	78	6.508	6.508	(0.939)	943568	50.0000	50
*	26 1,4-Difluorobenzene	114	6.930	6.930	(1.000)	607579	50.0000	
	27 Trichloroethene	130	7.239	7.239	(1.045)	199435	50.0000	50
	28 Methylcyclohexane	83	7.487	7.487	(1.081)	367986	50.0000	50
	29 1,2-Dichloropropane	63	7.487	7.487	(1.081)	286257	50.0000	50
	30 Bromodichloromethane	83	7.810	7.810	(1.127)	334354	50.0000	50
	31 cis-1,3-Dichloropropene	75	8.343	8.343	(1.204)	380365	50.0000	50
	32 4-Methyl-2-Pentanone	43	8.529	8.529	(0.810)	362038	50.0000	50
$	33 Toluene-d8	98	8.690	8.690	(0.826)	645961	50.0000	50
	34 Toluene	91	8.777	8.777	(0.834)	806927	50.0000	50
	35 trans-1,3-Dichloropropene	75	9.025	9.025	(1.302)	364518	50.0000	50
	36 1,1,2-Trichloroethane	97	9.261	9.261	(1.336)	188061	50.0000	50
	37 Tetrachloroethene	164	9.484	9.484	(0.901)	154643	50.0000	50
	38 2-Hexanone	43	9.571	9.571	(0.909)	241816	50.0000	50
	39 Dibromochloromethane	129	9.769	9.769	(1.410)	215067	50.0000	50
	40 1,2-Dibromoethane	107	9.918	9.918	(0.942)	194082	50.0000	50
*	42 Chlorobenzene-d5	117	10.526	10.526	(1.000)	514362	50.0000	
	43 Chlorobenzene	112	10.563	10.563	(1.004)	503268	50.0000	50
	44 Ethylbenzene	106	10.712	10.712	(1.018)	252821	50.0000	50
	45 m,p-Xylene	106	10.861	10.861	(1.032)	664591	100.000	100
	46 o-Xylene	106	11.357	11.357	(1.079)	317541	50.0000	50
	47 Styrene	104	11.369	11.369	(1.080)	417559	50.0000	50
	48 Bromoform	173	11.580	11.580	(1.671)	134555	50.0000	50
	49 Isopropylbenzene	105	11.803	11.803	(1.121)	813028	50.0000	50
$	50 Bromofluorobenzene	95	11.989	11.989	(1.139)	283925	50.0000	50
	51 1,1,2,2-Tetrachloroethane	83	12.150	12.150	(1.154)	266989	50.0000	50
M	41 Xylene (Total)	106				982132	50.0000	150
	52 1,3-Dichlorobenzene	146	13.279	13.279	(1.262)	402869	50.0000	50
	53 1,4-Dichlorobenzene	146	13.378	13.378	(1.271)	398682	50.0000	50
	54 1,2-Dichlorobenzene	146	13.800	13.800	(1.311)	376149	50.0000	50
	55 1,2-Dibromo-3-chloropropane	75	14.655	14.655	(1.392)	48215	50.0000	50
	56 1,2,4-Trichlorobenzene	180	15.560	15.560	(1.478)	248904	50.0000	50

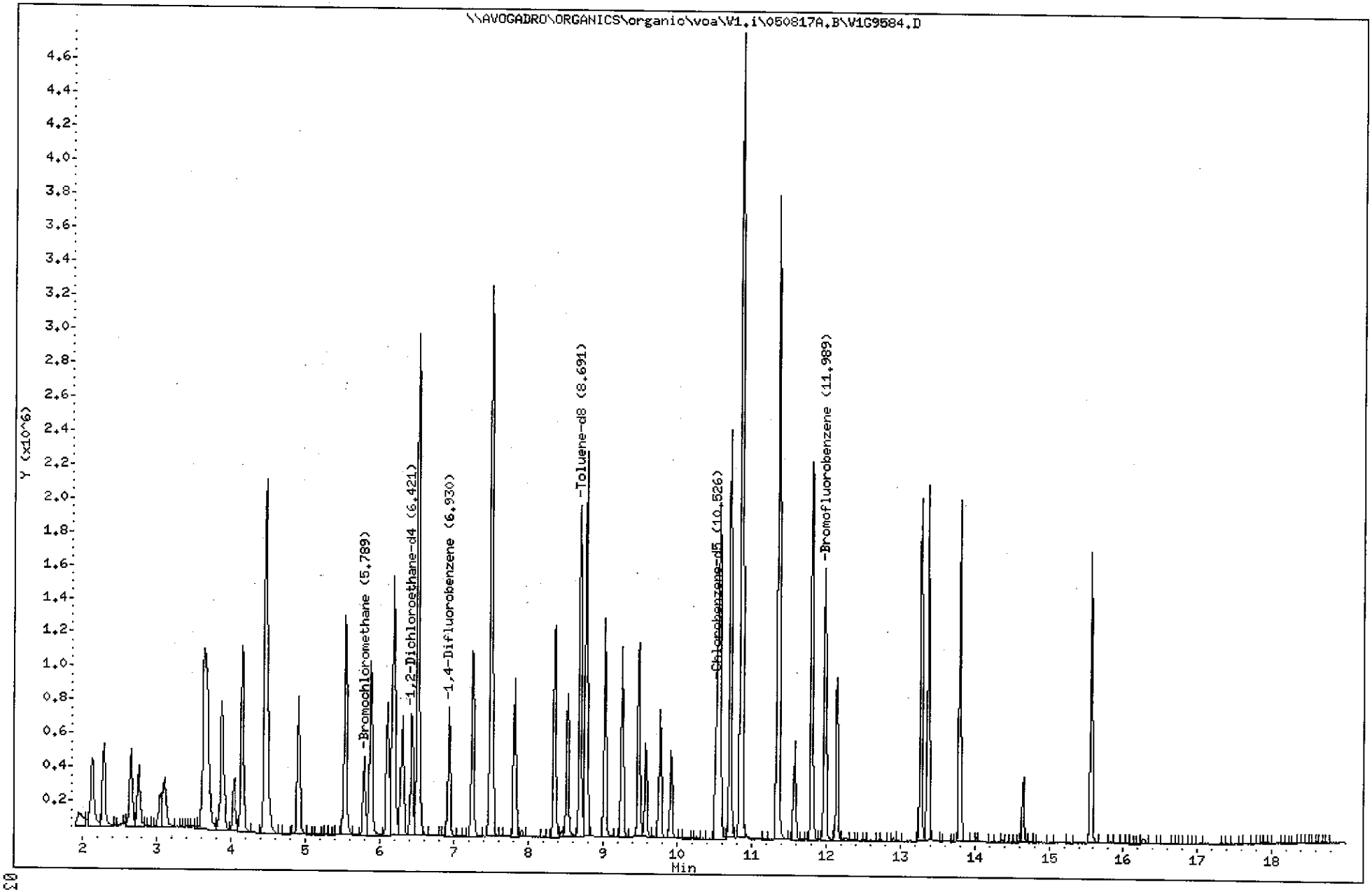
LG
8/18/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050817A.B\V1G9584.D
Date : 18-AUG-2005 04:52
Client ID: VSTD1001Q
Sample Info: ,VSTD1001Q,VSTD1001Q

Instrument: V1.i

Operator: LC
Column diameter: 0.25

Column phase: DB-624



0376

Data File: V1G9584.D
Report Date: 18-Aug-2005 11:15

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050817A.B\V1G9584.D
Lab Smp Id: VSTD1001Q Client Smp ID: VSTD1001Q
Inj Date : 18-AUG-2005 04:52
Operator : LG Inst ID: V1.i
Smp Info : ,VSTD1001Q,VSTD1001Q
Misc Info : ,1,4
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050817A.B\v1clp4h.m
Meth Date : 18-Aug-2005 11:12 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 03:28 Cal File: V1G9581.D
Als bottle: 48 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET8

Concentration Formula: Amt * DF * Uf * (Vt * 5000)/(Va * Ws * ((100-M)/100))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	4.000	Weight of sample (g)
M	0.000	% Moisture (not decanted)
Vt	10000.000	Methanol extract volume (mL)
Va	100.000	Aliquot of methanol (uL)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.944	1.969	(0.336)	435339	100.000	100
2 Chloromethane	50	2.118	2.106	(0.366)	852234	100.000	99
3 Vinyl Chloride	62	2.279	2.279	(0.394)	695534	100.000	94
4 Bromomethane	94	2.639	2.639	(0.456)	492102	100.000	100
5 Chloroethane	64	2.751	2.750	(0.475)	464628	100.000	100
6 Trichlorofluoromethane	101	3.098	3.110	(0.535)	644676	100.000	110
7 1,1-Dichloroethene	96	3.631	3.618	(0.627)	476842	100.000	100
8 1,1,2-Trichloro-1,2,2-trifluo	101	3.668	3.656	(0.634)	502852	100.000	99
9 Acetone	43	3.668	3.668	(0.634)	309971	100.000	87
10 Carbon Disulfide	76	3.867	3.866	(0.668)	1745320	100.000	100
11 Methyl Acetate	43	4.040	4.028	(0.698)	657238	100.000	100
12 Methylene Chloride	84	4.139	4.139	(0.715)	599185	100.000	110
13 trans-1,2-Dichloroethene	96	4.449	4.449	(0.769)	463715	100.000	110

Data File: V1G9584.D
Report Date: 18-Aug-2005 11:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	14 Methyl tert-Butyl Ether	73	4.462	4.462	(0.771)	1799767	100.000	100
	15 1,1-Dichloroethane	63	4.896	4.896	(0.846)	1077440	100.000	110
	16 2-Butanone	43	5.528	5.528	(0.955)	435910	100.000	100
	17 cis-1,2-Dichloroethene	96	5.528	5.528	(0.955)	513130	100.000	110
*	18 Bromochloromethane	128	5.789	5.789	(1.000)	126189	50.0000	
	19 Chloroform	83	5.875	5.875	(1.015)	943795	100.000	100
	20 1,1,1-Trichloroethane	97	6.099	6.099	(0.880)	672167	100.000	100
	21 Cyclohexane	56	6.186	6.185	(0.893)	987913	100.000	100
	22 Carbon Tetrachloride	117	6.297	6.297	(0.909)	552224	100.000	100
$	23 1,2-Dichloroethane-d4	65	6.421	6.421	(1.109)	649639	100.000	100
	24 1,2-Dichloroethane	62	6.508	6.508	(1.124)	913683	100.000	110
	25 Benzene	78	6.508	6.508	(0.939)	2052749	100.000	110
*	26 1,4-Difluorobenzene	114	6.930	6.930	(1.000)	634948	50.0000	
	27 Trichloroethene	130	7.252	7.239	(1.047)	436170	100.000	110
	28 Methylcyclohexane	83	7.488	7.487	(1.081)	818630	100.000	110
	29 1,2-Dichloropropane	63	7.488	7.487	(1.081)	628176	100.000	110
	30 Bromodichloromethane	83	7.810	7.810	(1.127)	710873	100.000	110
	31 cis-1,3-Dichloropropene	75	8.356	8.343	(1.206)	834544	100.000	110
	32 4-Methyl-2-Pentanone	43	8.529	8.529	(0.810)	832992	100.000	110
$	33 Toluene-d8	98	8.691	8.690	(0.826)	1383707	100.000	100
	34 Toluene	91	8.777	8.777	(0.834)	1803300	100.000	110
	35 trans-1,3-Dichloropropene	75	9.025	9.025	(1.302)	783528	100.000	110
	36 1,1,2-Trichloroethane	97	9.261	9.261	(1.336)	400005	100.000	110
	37 Tetrachloroethene	164	9.484	9.484	(0.901)	343792	100.000	110
	38 2-Hexanone	43	9.571	9.571	(0.909)	559937	100.000	110
	39 Dibromochloromethane	129	9.769	9.769	(1.410)	477177	100.000	110
	40 1,2-Dibromoethane	107	9.918	9.918	(0.942)	446385	100.000	110
*	42 Chlorobenzene-d5	117	10.526	10.526	(1.000)	535041	50.0000	
	43 Chlorobenzene	112	10.563	10.563	(1.004)	1096500	100.000	110
	44 Ethylbenzene	106	10.712	10.712	(1.018)	567727	100.000	110
	45 m,p-Xylene	106	10.861	10.861	(1.032)	1487727	200.000	210
	46 o-Xylene	106	11.357	11.357	(1.079)	712531	100.000	110
	47 Styrene	104	11.369	11.369	(1.080)	958352	100.000	110
	48 Bromoform	173	11.580	11.580	(1.671)	320310	100.000	110
	49 Isopropylbenzene	105	11.803	11.803	(1.121)	1740462	100.000	110
$	50 Bromofluorobenzene	95	11.989	11.989	(1.139)	598918	100.000	100
	51 1,1,2,2-Tetrachloroethane	83	12.150	12.150	(1.154)	591616	100.000	110
M	41 Xylene (Total)	106				2200258	100.000	330
	52 1,3-Dichlorobenzene	146	13.279	13.279	(1.262)	859381	100.000	100
	53 1,4-Dichlorobenzene	146	13.378	13.378	(1.271)	898308	100.000	110
	54 1,2-Dichlorobenzene	146	13.800	13.800	(1.311)	835729	100.000	110
	55 1,2-Dibromo-3-chloropropane	75	14.655	14.655	(1.392)	105400	100.000	100
	56 1,2,4-Trichlorobenzene	180	15.561	15.560	(1.478)	576288	100.000	110

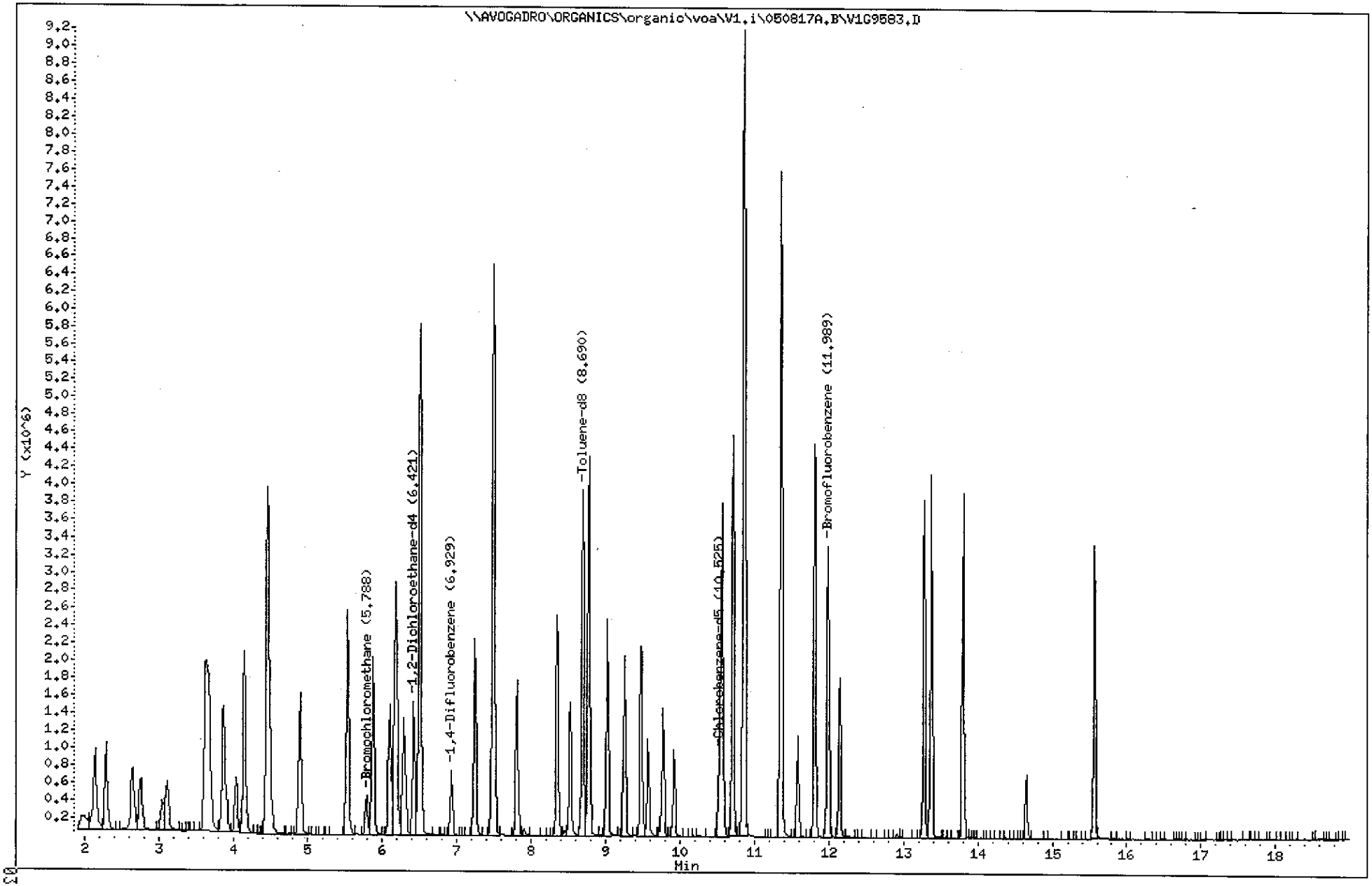
LG
8/18/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050817A.B\V1G9583.D
Date : 18-AUG-2005 04:25
Client ID: VSTD2001Q
Sample Info: ,VSTD2001Q,VSTD2001Q

Instrument: V1.i

Operator: LG
Column diameter: 0.25

Column phase: DB-624



0279

Data File: V1G9583.D
Report Date: 18-Aug-2005 11:15

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050817A.B\V1G9583.D
Lab Smp Id: VSTD2001Q Client Smp ID: VSTD2001Q
Inj Date : 18-AUG-2005 04:25
Operator : LG Inst ID: V1.i
Smp Info : ,VSTD2001Q,VSTD2001Q
Misc Info : ,1,5
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050817A.B\v1clp4h.m
Meth Date : 18-Aug-2005 11:12 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 03:28 Cal File: V1G9581.D
Als bottle: 47 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET8

Concentration Formula: Amt * DF * Uf * (Vt * 5000)/(Va * Ws * ((100-M)/100))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	4.000	Weight of sample (g)
M	0.000	% Moisture (not decanted)
Vt	10000.000	Methanol extract volume (mL)
Va	100.000	Aliquot of methanol (uL)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.981	1.969	(0.342)	936285	200.000	220(A)
2 Chloromethane	50	2.130	2.106	(0.368)	1840081	200.000	210(A)
3 Vinyl Chloride	62	2.279	2.279	(0.394)	1542742	200.000	210(A)
4 Bromomethane	94	2.638	2.639	(0.456)	908635	200.000	190
5 Chloroethane	64	2.750	2.750	(0.475)	907748	200.000	210(A)
6 Trichlorofluoromethane	101	3.110	3.110	(0.537)	1332362	200.000	230(A)
7 1,1-Dichloroethene	96	3.618	3.618	(0.625)	922426	200.000	200(A)
8 1,1,2-Trichloro-1,2,2-trifluo	101	3.668	3.656	(0.634)	1061621	200.000	210(A)
9 Acetone	43	3.655	3.668	(0.632)	615020	200.000	170
10 Carbon Disulfide	76	3.866	3.866	(0.668)	3556947	200.000	210(A)
11 Methyl Acetate	43	4.027	4.028	(0.696)	1224334	200.000	200
12 Methylene Chloride	84	4.139	4.139	(0.715)	1089172	200.000	200
13 trans-1,2-Dichloroethene	96	4.449	4.449	(0.769)	901663	200.000	210(A)

Data File: V1G9583.D
Report Date: 18-Aug-2005 11:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	14 Methyl tert-Butyl Ether	73	4.461	4.462	(0.771)	3511212	200.000	210 (A)
	15 1,1-Dichloroethane	63	4.895	4.896	(0.846)	2066807	200.000	210 (A)
	16 2-Butanone	43	5.528	5.528	(0.955)	823230	200.000	200
	17 cis-1,2-Dichloroethene	96	5.528	5.528	(0.955)	977313	200.000	210 (A)
*	18 Bromochloromethane	128	5.788	5.789	(1.000)	125793	50.0000	
	19 Chloroform	83	5.875	5.875	(1.015)	1831086	200.000	200
	20 1,1,1-Trichloroethane	97	6.098	6.099	(0.880)	1333139	200.000	200 (A)
	21 Cyclohexane	56	6.185	6.185	(0.893)	2017002	200.000	210 (A)
	22 Carbon Tetrachloride	117	6.297	6.297	(0.909)	1100249	200.000	200 (A)
$	23 1,2-Dichloroethane-d4	65	6.421	6.421	(1.109)	1311558	200.000	200 (A)
	24 1,2-Dichloroethane	62	6.508	6.508	(1.124)	1700749	200.000	200 (A)
	25 Benzene	78	6.508	6.508	(0.939)	4001116	200.000	210 (A)
*	26 1,4-Difluorobenzene	114	6.929	6.930	(1.000)	640706	50.0000	
	27 Trichloroethene	130	7.239	7.239	(1.045)	836808	200.000	200 (A)
	28 Methylcyclohexane	83	7.487	7.487	(1.081)	1618625	200.000	210 (A)
	29 1,2-Dichloropropane	63	7.487	7.487	(1.081)	1225398	200.000	210 (A)
	30 Bromodichloromethane	83	7.810	7.810	(1.127)	1357372	200.000	210 (A)
	31 cis-1,3-Dichloropropene	75	8.343	8.343	(1.204)	1628581	200.000	220 (A)
	32 4-Methyl-2-Pentanone	43	8.529	8.529	(0.810)	1571809	200.000	210 (A)
$	33 Toluene-d8	98	8.690	8.690	(0.826)	2820760	200.000	210 (A)
	34 Toluene	91	8.777	8.777	(0.834)	3499729	200.000	210 (A)
	35 trans-1,3-Dichloropropene	75	9.025	9.025	(1.302)	1521433	200.000	210 (A)
	36 1,1,2-Trichloroethane	97	9.261	9.261	(1.336)	773089	200.000	200 (A)
	37 Tetrachloroethene	164	9.484	9.484	(0.901)	666220	200.000	210 (A)
	38 2-Hexanone	43	9.570	9.571	(0.909)	1093168	200.000	220 (A)
	39 Dibromochloromethane	129	9.769	9.769	(1.410)	909729	200.000	210 (A)
	40 1,2-Dibromoethane	107	9.918	9.918	(0.942)	847820	200.000	210 (A)
*	42 Chlorobenzene-d5	117	10.525	10.526	(1.000)	538084	50.0000	
	43 Chlorobenzene	112	10.563	10.563	(1.004)	2135213	200.000	210 (A)
	44 Ethylbenzene	106	10.711	10.712	(1.018)	1100682	200.000	220 (A)
	45 m,p-Xylene	106	10.860	10.861	(1.032)	2924754	400.000	430 (A)
	46 o-Xylene	106	11.356	11.357	(1.079)	1410198	200.000	210 (A)
	47 Styrene	104	11.369	11.369	(1.080)	1886254	200.000	220 (A)
	48 Bromoform	173	11.579	11.580	(1.671)	610553	200.000	220 (A)
	49 Isopropylbenzene	105	11.803	11.803	(1.121)	3431572	200.000	210 (A)
$	50 Bromofluorobenzene	95	11.989	11.989	(1.139)	1251206	200.000	210 (A)
	51 1,1,2,2-Tetrachloroethane	83	12.150	12.150	(1.154)	1175373	200.000	210 (A)
M	41 Xylene (Total)	106				4334952	200.000	650 (A)
	52 1,3-Dichlorobenzene	146	13.278	13.279	(1.262)	1662601	200.000	210 (A)
	53 1,4-Dichlorobenzene	146	13.378	13.378	(1.271)	1702161	200.000	210 (A)
	54 1,2-Dichlorobenzene	146	13.799	13.800	(1.311)	1618966	200.000	210 (A)
	55 1,2-Dibromo-3-chloropropane	75	14.655	14.655	(1.392)	210608	200.000	210 (A)
	56 1,2,4-Trichlorobenzene	180	15.560	15.560	(1.478)	1119098	200.000	220 (A)

LG
8/18/05

Data File: V1G9583.D
Report Date: 18-Aug-2005 11:15

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: V1 Calibration Date: 08/18/05 Time: 1201

Lab File ID: V1G9591 Init. Calib. Date(s): 08/18/05 08/18/05

EPA Sample No.(VSTD050##): VSTD0501R Init. Calib. Times: 0328 0521

Heated Purge: (Y/N) Y

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	1.614	1.975		22.4	
Chloromethane	3.372	3.966		17.6	
Vinyl Chloride	2.903	3.550	0.100	22.3	25.0
Bromomethane	1.870	2.203	0.100	17.8	25.0
Chloroethane	1.731	2.094		21.0	
Trichlorofluoromethane	2.358	3.017		27.9	
1,1-Dichloroethene	1.802	2.143	0.100	18.9	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.987	2.412		21.4	
Acetone	1.476	1.521		3.0	
Carbon Disulfide	6.586	7.830		18.9	
Methyl Acetate	2.456	2.447		-0.4	
Methylene Chloride	2.308	2.199		-4.7	
trans-1,2-Dichloroethene	1.720	1.986		15.5	
Methyl tert-Butyl Ether	6.821	6.535		-4.2	
1,1-Dichloroethane	4.011	4.414	0.200	10.0	25.0
cis-1,2-Dichloroethene	1.844	2.023		9.7	
2-Butanone	1.687	1.715		1.7	
Chloroform	3.649	3.894	0.200	6.7	25.0
1,1,1-Trichloroethane	0.512	0.536	0.100	4.7	25.0
Cyclohexane	0.751	0.828		10.3	
Carbon Tetrachloride	0.414	0.453	0.100	9.4	25.0
Benzene	1.507	1.519	0.500	0.8	25.0
1,2-Dichloroethane	3.404	3.301	0.100	-3.0	25.0
Trichloroethene	0.323	0.347	0.300	7.4	25.0
Methylcyclohexane	0.594	0.638		7.4	

All other compounds must meet a minimum RRF of 0.010.

7B

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: V1 Calibration Date: 08/18/05 Time: 1201

Lab File ID: V1G9591 Init. Calib. Date(s): 08/18/05 08/18/05

EPA Sample No.(VSTD050##): VSTD0501R Init. Calib. Times: 0328 0521

Heated Purge: (Y/N) Y

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
1,2-Dichloropropane	0.456	0.445		-2.4	
Bromodichloromethane	0.515	0.495	0.200	-3.9	25.0
cis-1,3-Dichloropropene	0.599	0.578	0.200	-3.5	25.0
4-Methyl-2-Pentanone	0.733	0.657		-10.4	
Toluene	1.560	1.726	0.400	10.6	25.0
trans-1,3-Dichloropropene	0.569	0.524	0.100	-7.9	25.0
1,1,2-Trichloroethane	0.300	0.270	0.100	-10.0	25.0
Tetrachloroethene	0.302	0.350	0.200	15.9	25.0
2-Hexanone	0.492	0.481		-2.2	
Dibromochloromethane	0.344	0.307	0.100	-10.8	25.0
1,2-Dibromoethane	0.380	0.355		-6.6	
Chlorobenzene	0.969	1.015	0.500	4.7	25.0
Ethylbenzene	0.485	0.549	0.100	13.2	25.0
Xylene (Total)	0.623	0.658	0.300	5.6	25.0
Styrene	0.809	0.855	0.300	5.7	25.0
Bromoform	0.224	0.199	0.100	-11.2	25.0
Isopropylbenzene	1.524	1.675		9.9	
1,1,2,2-Tetrachloroethane	0.531	0.489	0.300	-7.9	25.0
1,3-Dichlorobenzene	0.758	0.779	0.600	2.8	25.0
1,4-Dichlorobenzene	0.778	0.757	0.500	-2.7	25.0
1,2-Dichlorobenzene	0.729	0.700	0.400	-4.0	25.0
1,2-Dibromo-3-chloropropane	0.101	0.086		-14.9	
1,2,4-Trichlorobenzene	0.493	0.442	0.200	-10.3	25.0
Toluene-d8	1.296	1.391		7.3	
Bromofluorobenzene	0.576	0.560	0.200	-2.8	25.0
1,2-Dichloroethane-d4	2.613	2.543		-2.7	

All other compounds must meet a minimum RRF of 0.010.

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: V1 Calibration Date: 08/19/05 Time: 1026

Lab File ID: V1G9631 Init. Calib. Date(s): 08/18/05 08/18/05

EPA Sample No.(VSTD050##): VSTD0501S Init. Calib. Times: 0328 0521

Heated Purge: (Y/N) Y

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	1.614	1.480		-8.3	
Chloromethane	3.372	3.428		1.7	
Vinyl Chloride	2.903	2.913	0.100	0.3	25.0
Bromomethane	1.870	1.919	0.100	2.6	25.0
Chloroethane	1.731	1.828		5.6	
Trichlorofluoromethane	2.358	1.550		-34.3	
1,1-Dichloroethene	1.802	1.711	0.100	-5.0	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.987	1.782		-10.3	
Acetone	1.476	1.178		-20.2	
Carbon Disulfide	6.586	6.865		4.2	
Methyl Acetate	2.456	2.002		-18.5	
Methylene Chloride	2.308	2.242		-2.9	
trans-1,2-Dichloroethene	1.720	1.839		6.9	
Methyl tert-Butyl Ether	6.821	6.148		-9.9	
1,1-Dichloroethane	4.011	4.156	0.200	3.6	25.0
cis-1,2-Dichloroethene	1.844	1.944		5.4	
2-Butanone	1.687	1.353		-19.8	
Chloroform	3.649	3.538	0.200	-3.0	25.0
1,1,1-Trichloroethane	0.512	0.473	0.100	-7.6	25.0
Cyclohexane	0.751	0.689		-8.3	
Carbon Tetrachloride	0.414	0.385	0.100	-7.0	25.0
Benzene	1.507	1.544	0.500	2.5	25.0
1,2-Dichloroethane	3.404	3.002	0.100	-11.8	25.0
Trichloroethene	0.323	0.325	0.300	0.6	25.0
Methylcyclohexane	0.594	0.561		-5.6	

All other compounds must meet a minimum RRF of 0.010.

7B

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: V1 Calibration Date: 08/19/05 Time: 1026

Lab File ID: V1G9631 Init. Calib. Date(s): 08/18/05 08/18/05

EPA Sample No.(VSTD050##): VSTD0501S Init. Calib. Times: 0328 0521

Heated Purge: (Y/N) Y

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
1,2-Dichloropropane	0.456	0.451		-1.1	
Bromodichloromethane	0.515	0.484	0.200	-6.0	25.0
cis-1,3-Dichloropropene	0.599	0.585	0.200	-2.3	25.0
4-Methyl-2-Pentanone	0.733	0.562		-23.3	
Toluene	1.560	1.637	0.400	4.9	25.0
trans-1,3-Dichloropropene	0.569	0.516	0.100	-9.3	25.0
1,1,2-Trichloroethane	0.300	0.273	0.100	-9.0	25.0
Tetrachloroethene	0.302	0.299	0.200	-1.0	25.0
2-Hexanone	0.492	0.350		-28.9	
Dibromochloromethane	0.344	0.309	0.100	-10.2	25.0
1,2-Dibromoethane	0.380	0.347		-8.7	
Chlorobenzene	0.969	1.007	0.500	3.9	25.0
Ethylbenzene	0.485	0.520	0.100	7.2	25.0
Xylene (Total)	0.623	0.650	0.300	4.3	25.0
Styrene	0.809	0.831	0.300	2.7	25.0
Bromoform	0.224	0.206	0.100	-8.0	25.0
Isopropylbenzene	1.524	1.567		2.8	
1,1,2,2-Tetrachloroethane	0.531	0.476	0.300	-10.4	25.0
1,3-Dichlorobenzene	0.758	0.774	0.600	2.1	25.0
1,4-Dichlorobenzene	0.778	0.760	0.500	-2.3	25.0
1,2-Dichlorobenzene	0.729	0.698	0.400	-4.3	25.0
1,2-Dibromo-3-chloropropane	0.101	0.074		-26.7	
1,2,4-Trichlorobenzene	0.493	0.454	0.200	-7.9	25.0
Toluene-d8	1.296	1.317		1.6	
Bromofluorobenzene	0.576	0.551	0.200	-4.3	25.0
1,2-Dichloroethane-d4	2.613	2.333		-10.7	

All other compounds must meet a minimum RRF of 0.010.

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: V6 Calibration Date: 08/19/05 Time: 1114

Lab File ID: V6D7841 Init. Calib. Date(s): 08/18/05 08/18/05

EPA Sample No.(VSTD050##): VSTD0506Q Init. Calib. Times: 0244 0438

Heated Purge: (Y/N) N

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	1.909	1.892		-0.9	
Chloromethane	2.694	3.072		14.0	
Vinyl Chloride	2.816	3.172	0.100	12.6	25.0
Bromomethane	1.769	2.024	0.100	14.4	25.0
Chloroethane	1.400	1.565		11.8	
Trichlorofluoromethane	2.937	3.361		14.4	
1,1-Dichloroethene	2.606	2.861	0.100	9.8	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	2.571	2.811		9.3	
Acetone	0.637	0.837		31.4	
Carbon Disulfide	7.313	7.942		8.6	
Methyl Acetate	1.472	1.526		3.7	
Methylene Chloride	2.562	2.646		3.3	
trans-1,2-Dichloroethene	1.937	1.882		-2.8	
Methyl tert-Butyl Ether	5.379	5.198		-3.4	
1,1-Dichloroethane	3.618	3.559	0.200	-1.6	25.0
cis-1,2-Dichloroethene	2.041	1.955		-4.2	
2-Butanone	1.018	1.069		5.0	
Chloroform	3.527	3.364	0.200	-4.6	25.0
1,1,1-Trichloroethane	0.474	0.435	0.100	-8.2	25.0
Cyclohexane	0.644	0.605		-6.1	
Carbon Tetrachloride	0.466	0.424	0.100	-9.0	25.0
Benzene	1.385	1.379	0.500	-0.4	25.0
1,2-Dichloroethane	2.801	2.726	0.100	-2.7	25.0
Trichloroethene	0.364	0.334	0.300	-8.2	25.0
Methylcyclohexane	0.599	0.551		-8.0	

All other compounds must meet a minimum RRF of 0.010.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: V6 Calibration Date: 08/19/05 Time: 1114

Lab File ID: V6D7841 Init. Calib. Date(s): 08/18/05 08/18/05

EPA Sample No.(VSTD050##): VSTD0506Q Init. Calib. Times: 0244 0438

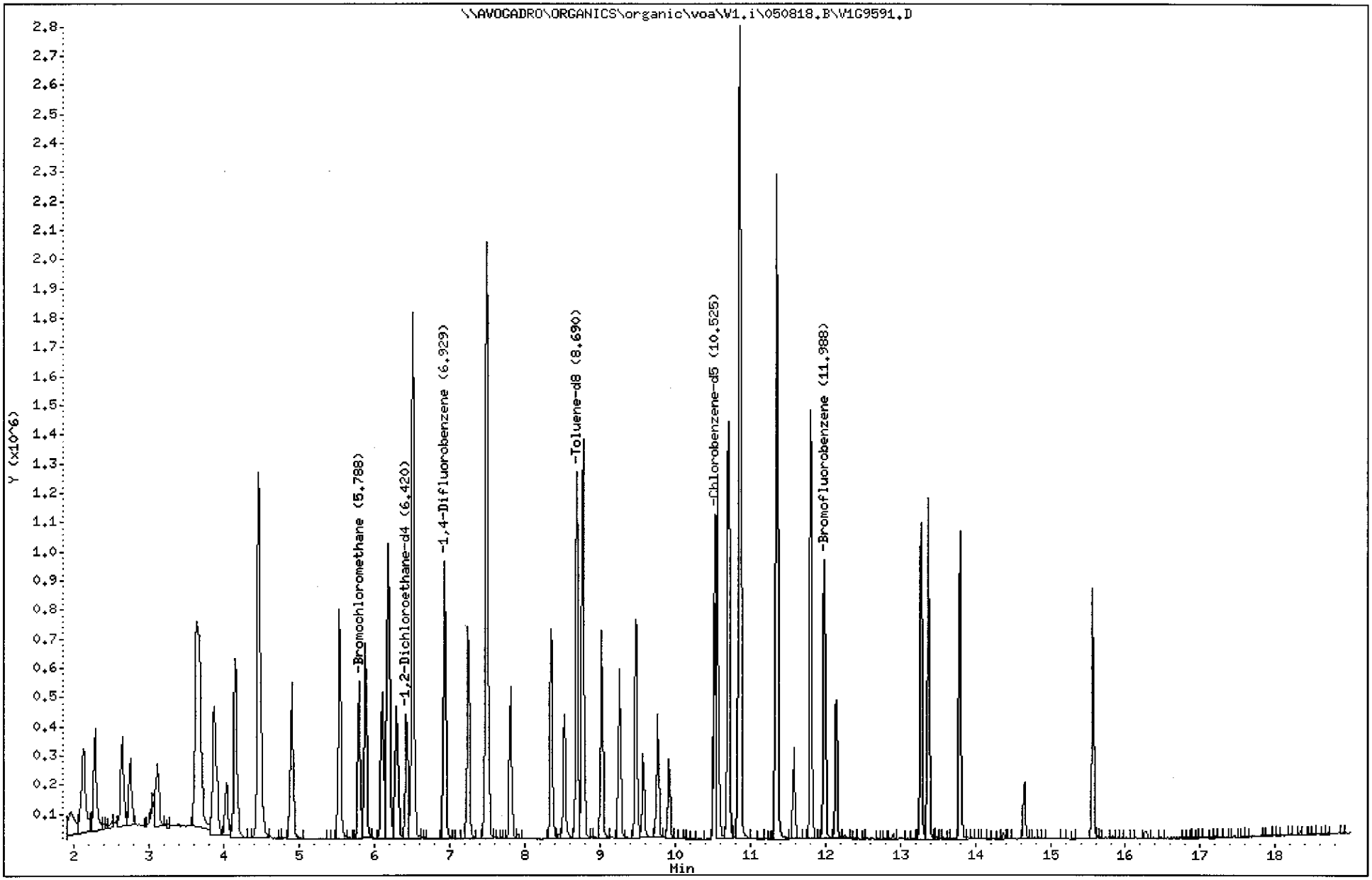
Heated Purge: (Y/N) N

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
1,2-Dichloropropane	0.388	0.404		4.1	
Bromodichloromethane	0.453	0.444	0.200	-2.0	25.0
cis-1,3-Dichloropropene	0.541	0.540	0.200	-0.2	25.0
4-Methyl-2-Pentanone	0.397	0.384		-3.3	
Toluene	1.495	1.437	0.400	-3.9	25.0
trans-1,3-Dichloropropene	0.514	0.525	0.100	2.1	25.0
1,1,2-Trichloroethane	0.320	0.322	0.100	0.6	25.0
Tetrachloroethene	0.302	0.265	0.200	-12.3	25.0
2-Hexanone	0.253	0.243		-4.0	
Dibromochloromethane	0.359	0.359	0.100	0.0	25.0
1,2-Dibromoethane	0.366	0.350		-4.4	
Chlorobenzene	1.005	0.986	0.500	-1.9	25.0
Ethylbenzene	0.526	0.519	0.100	-1.3	25.0
Xylene (Total)	0.648	0.677	0.300	4.5	25.0
Styrene	0.812	0.852	0.300	4.9	25.0
Bromoform	0.253	0.261	0.100	3.2	25.0
Isopropylbenzene	1.550	1.645		6.1	
1,1,2,2-Tetrachloroethane	0.466	0.503	0.300	7.9	25.0
1,3-Dichlorobenzene	0.752	0.780	0.600	3.7	25.0
1,4-Dichlorobenzene	0.756	0.791	0.500	4.6	25.0
1,2-Dichlorobenzene	0.732	0.760	0.400	3.8	25.0
1,2-Dibromo-3-chloropropane	0.077	0.073		-5.2	
1,2,4-Trichlorobenzene	0.330	0.298	0.200	-9.7	25.0
Toluene-d8	1.261	1.188		-5.8	
Bromofluorobenzene	0.513	0.507	0.200	-1.2	25.0
1,2-Dichloroethane-d4	2.293	2.175		-5.1	

All other compounds must meet a minimum RRF of 0.010.

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9591.D
Date : 18-AUG-2005 12:01
Client ID: VSTD0501R
Instrument: V1.i
Sample Info: ,VSTD0501R,VSTD0501R,
Operator: LG
Column phase: DB-624
Column diameter: 0.25



0289

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9591.D
Report Date: 22-Aug-2005 14:43

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9591.D
Lab Smp Id: VSTD0501R Client Smp ID: VSTD0501R
Inj Date : 18-AUG-2005 12:01
Operator : LG Inst ID: V1.i
Smp Info : ,VSTD0501R,VSTD0501R,
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample (g)
M	0.000	% Moisture (not decanted)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.956	1.956	(0.338)	298303	50.0000	61
2	Chloromethane	50	2.117	2.117	(0.366)	599102	50.0000	59
3	Vinyl Chloride	62	2.279	2.279	(0.394)	536354	50.0000	61
4	Bromomethane	94	2.638	2.638	(0.456)	332759	50.0000	59
5	Chloroethane	64	2.750	2.750	(0.475)	316392	50.0000	60
6	Trichlorofluoromethane	101	3.109	3.109	(0.537)	455828	50.0000	64
7	1,1-Dichloroethene	96	3.618	3.618	(0.625)	323684	50.0000	59
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.667	3.667	(0.634)	364383	50.0000	61
9	Acetone	43	3.667	3.667	(0.634)	229730	50.0000	51
10	Carbon Disulfide	76	3.866	3.866	(0.668)	1182977	50.0000	59
11	Methyl Acetate	43	4.027	4.027	(0.696)	369616	50.0000	50
12	Methylene Chloride	84	4.139	4.139	(0.715)	332191	50.0000	48
13	trans-1,2-Dichloroethene	96	4.449	4.449	(0.769)	300051	50.0000	58
14	Methyl tert-Butyl Ether	73	4.461	4.461	(0.771)	987268	50.0000	48
15	1,1-Dichloroethane	63	4.895	4.895	(0.846)	666868	50.0000	55

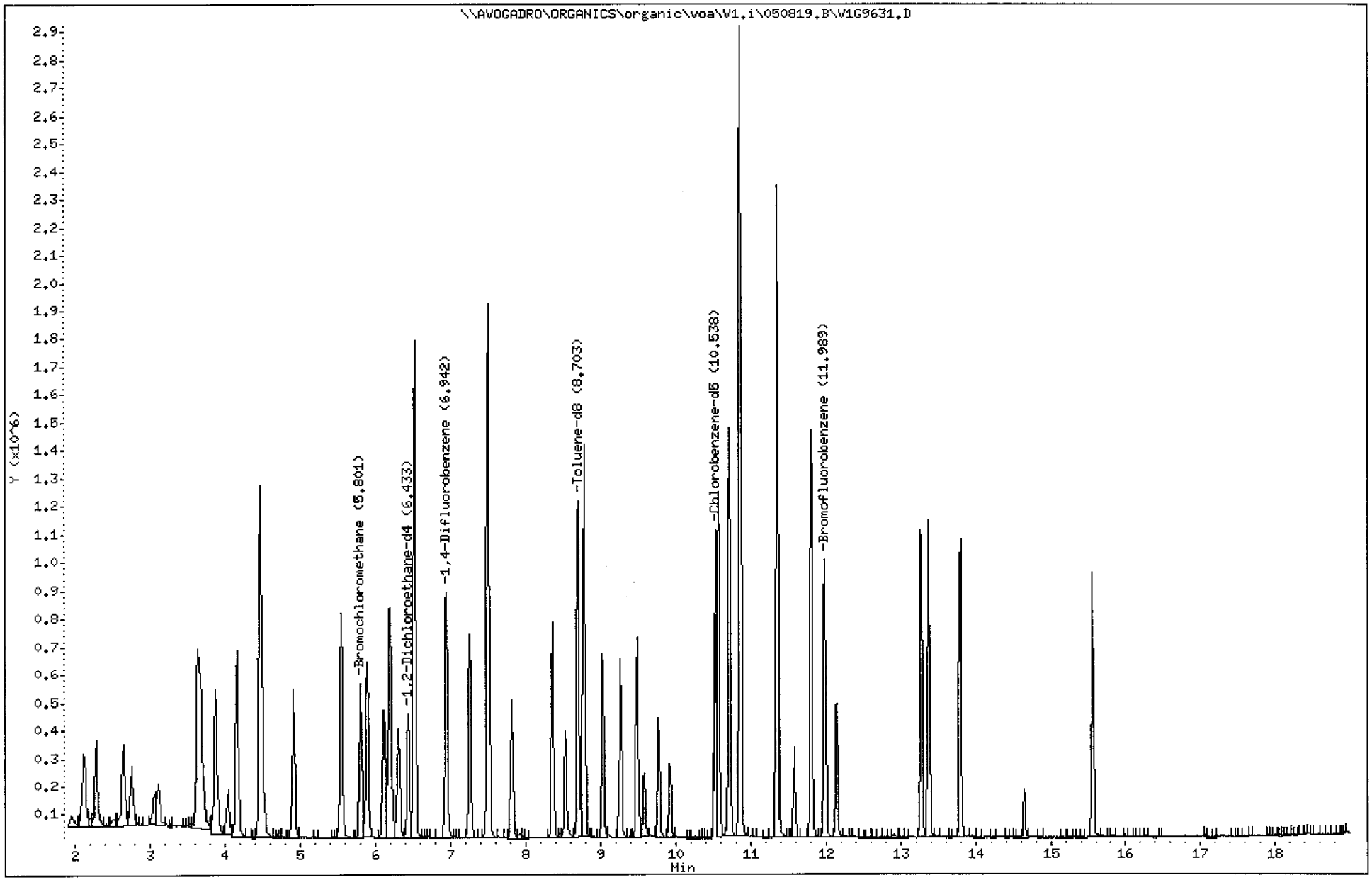
Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9591.D
Report Date: 22-Aug-2005 14:43

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16	2-Butanone	43	5.527	5.527	(0.955)	259079	50.0000	51
	17	cis-1,2-Dichloroethene	96	5.527	5.527	(0.955)	305660	50.0000	55
*	18	Bromochloromethane	128	5.788	5.788	(1.000)	151074	50.0000	
	19	Chloroform	83	5.875	5.875	(1.015)	588263	50.0000	53
	20	1,1,1-Trichloroethane	97	6.098	6.098	(0.880)	442410	50.0000	52
	21	Cyclohexane	56	6.185	6.185	(0.893)	683780	50.0000	55
	22	Carbon Tetrachloride	117	6.296	6.296	(0.909)	373829	50.0000	55
$	23	1,2-Dichloroethane-d4	65	6.420	6.420	(1.109)	384216	50.0000	49
	24	1,2-Dichloroethane	62	6.507	6.507	(1.124)	498753	50.0000	48
	25	Benzene	78	6.507	6.507	(0.939)	1254443	50.0000	50
*	26	1,4-Difluorobenzene	114	6.929	6.929	(1.000)	825813	50.0000	
	27	Trichloroethene	130	7.239	7.239	(1.045)	286415	50.0000	54
	28	Methylcyclohexane	83	7.487	7.487	(1.081)	527091	50.0000	54
	29	1,2-Dichloropropane	63	7.487	7.487	(1.081)	367258	50.0000	49
	30	Bromodichloromethane	83	7.809	7.809	(1.127)	409037	50.0000	48
	31	cis-1,3-Dichloropropene	75	8.342	8.342	(1.204)	477339	50.0000	48
	32	4-Methyl-2-Pentanone	43	8.529	8.529	(0.810)	424495	50.0000	45
$	33	Toluene-d8	98	8.690	8.690	(0.826)	898619	50.0000	54
	34	Toluene	91	8.777	8.777	(0.834)	1115690	50.0000	55
	35	trans-1,3-Dichloropropene	75	9.025	9.025	(1.302)	432787	50.0000	46
	36	1,1,2-Trichloroethane	97	9.260	9.260	(1.336)	222916	50.0000	45
	37	Tetrachloroethene	164	9.483	9.483	(0.901)	226266	50.0000	58
	38	2-Hexanone	43	9.570	9.570	(0.909)	310539	50.0000	49
	39	Dibromochloromethane	129	9.769	9.769	(1.410)	253445	50.0000	45
	40	1,2-Dibromoethane	107	9.918	9.918	(0.942)	229534	50.0000	47
*	42	Chlorobenzene-d5	117	10.525	10.525	(1.000)	646217	50.0000	
	43	Chlorobenzene	112	10.562	10.562	(1.004)	656085	50.0000	52
	44	Ethylbenzene	106	10.711	10.711	(1.018)	354569	50.0000	57
	45	m,p-Xylene	106	10.860	10.860	(1.032)	918158	100.000	110
	46	o-Xylene	106	11.356	11.356	(1.079)	425331	50.0000	53
	47	Styrene	104	11.368	11.368	(1.080)	552216	50.0000	53
	48	Bromoform	173	11.579	11.579	(1.671)	164021	50.0000	44
	49	Isopropylbenzene	105	11.802	11.802	(1.121)	1082201	50.0000	55
$	50	Bromofluorobenzene	95	11.988	11.988	(1.139)	361602	50.0000	49
	51	1,1,2,2-Tetrachloroethane	83	12.150	12.150	(1.154)	316323	50.0000	46
M	41	Xylene (Total)	106				1343489	50.0000	170
	52	1,3-Dichlorobenzene	146	13.278	13.278	(1.262)	503141	50.0000	51
	53	1,4-Dichlorobenzene	146	13.377	13.377	(1.271)	489260	50.0000	49
	54	1,2-Dichlorobenzene	146	13.799	13.799	(1.311)	452323	50.0000	48
	55	1,2-Dibromo-3-chloropropane	75	14.642	14.642	(1.391)	55514	50.0000	43
	56	1,2,4-Trichlorobenzene	180	15.560	15.560	(1.478)	285441	50.0000	45

SB 8/22/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9631.D
Date : 19-AUG-2005 10:26
Client ID: VSTD0501S
Sample Info: ,VSTD0501S,VSTD0501S,

Instrument: V1.i
Operator: LG
Column phase: DB-624
Column diameter: 0.25



0292

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9631.D
Report Date: 23-Aug-2005 13:52

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9631.D
Lab Smp Id: VSTD0501S Client Smp ID: VSTD0501S
Inj Date : 19-AUG-2005 10:26
Operator : LG Inst ID: V1.i
Smp Info : ,VSTD0501S,VSTD0501S,
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\v1clp4h.m
Meth Date : 23-Aug-2005 13:46 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 10:26 Cal File: V1G9631.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample (g)
M	0.000	% Moisture (not decanted)

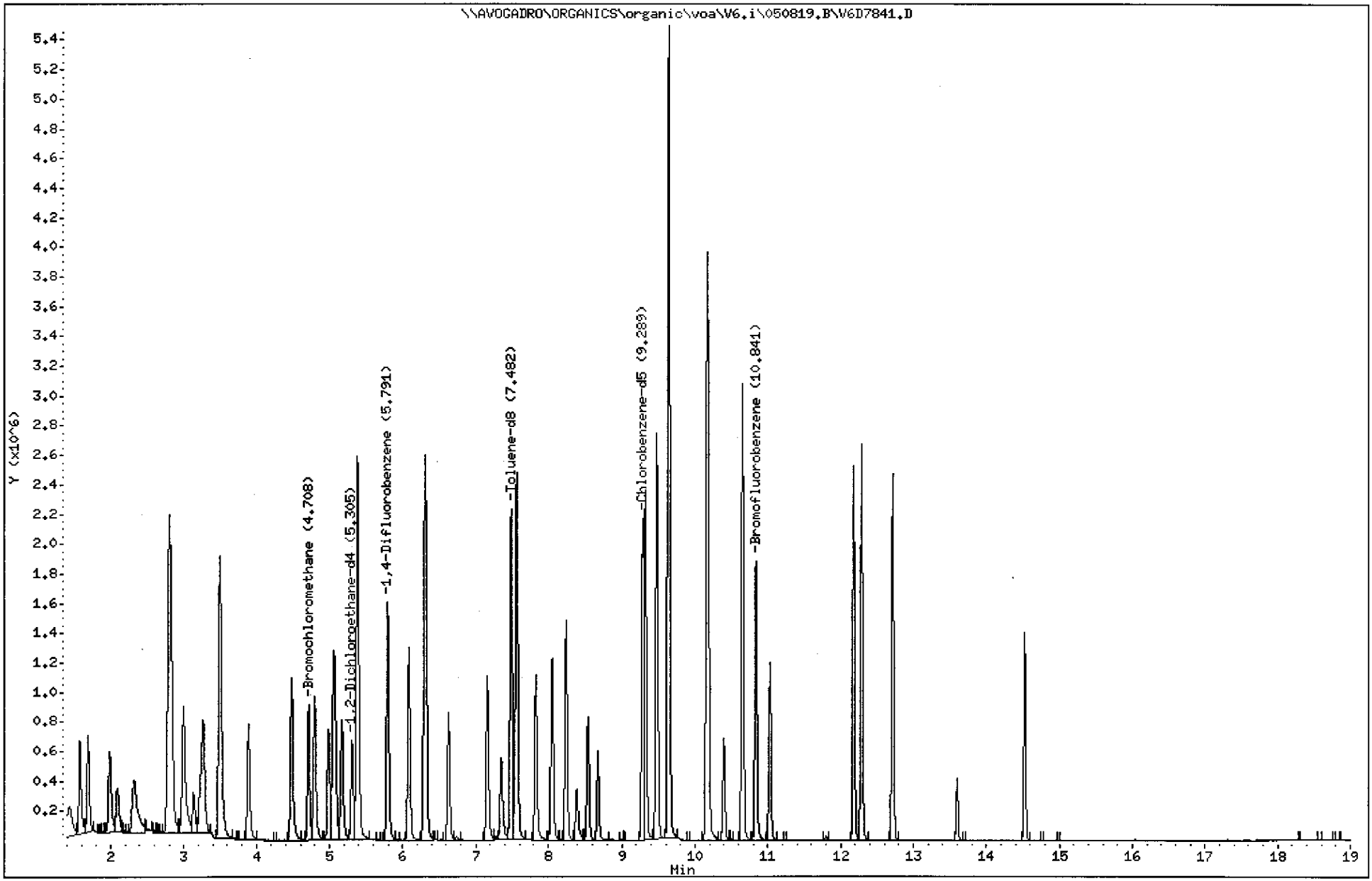
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.944	1.944	(0.335)	242271	50.0000	46
2	Chloromethane	50	2.105	2.105	(0.363)	561155	50.0000	51
3	Vinyl Chloride	62	2.279	2.279	(0.393)	476887	50.0000	50
4	Bromomethane	94	2.639	2.639	(0.455)	314055	50.0000	51
5	Chloroethane	64	2.750	2.750	(0.474)	299175	50.0000	53
6	Trichlorofluoromethane	101	3.110	3.110	(0.536)	253676	50.0000	33
7	1,1-Dichloroethene	96	3.631	3.631	(0.626)	280057	50.0000	47
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.668	3.668	(0.632)	291676	50.0000	45
9	Acetone	43	3.668	3.668	(0.632)	192837	50.0000	40
10	Carbon Disulfide	76	3.866	3.866	(0.666)	1123857	50.0000	52
11	Methyl Acetate	43	4.040	4.040	(0.696)	327746	50.0000	41
12	Methylene Chloride	84	4.152	4.152	(0.716)	366929	50.0000	49
13	trans-1,2-Dichloroethene	96	4.462	4.462	(0.769)	301104	50.0000	53
14	Methyl tert-Butyl Ether	73	4.474	4.474	(0.771)	1006355	50.0000	45
15	1,1-Dichloroethane	63	4.908	4.908	(0.846)	680268	50.0000	52

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9631.D
Report Date: 23-Aug-2005 13:52

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16	2-Butanone	43	5.540	5.540	(0.955)	221491	50.0000	40
	17	cis-1,2-Dichloroethene	96	5.540	5.540	(0.955)	318163	50.0000	53
*	18	Bromochloromethane	128	5.801	5.801	(1.000)	163697	50.0000	
	19	Chloroform	83	5.888	5.888	(1.015)	579175	50.0000	48
	20	1,1,1-Trichloroethane	97	6.111	6.111	(0.880)	400919	50.0000	46
	21	Cyclohexane	56	6.185	6.185	(0.891)	584238	50.0000	46
	22	Carbon Tetrachloride	117	6.309	6.309	(0.909)	326480	50.0000	46
$	23	1,2-Dichloroethane-d4	65	6.433	6.433	(1.109)	381861	50.0000	45
	24	1,2-Dichloroethane	62	6.520	6.520	(1.124)	491449	50.0000	44
	25	Benzene	78	6.520	6.520	(0.939)	1308712	50.0000	51
*	26	1,4-Difluorobenzene	114	6.942	6.942	(1.000)	847566	50.0000	
	27	Trichloroethene	130	7.252	7.252	(1.045)	275347	50.0000	50
	28	Methylcyclohexane	83	7.500	7.500	(1.080)	475391	50.0000	47
	29	1,2-Dichloropropane	63	7.500	7.500	(1.080)	382119	50.0000	49
	30	Bromodichloromethane	83	7.822	7.822	(1.127)	410319	50.0000	47
	31	cis-1,3-Dichloropropene	75	8.355	8.355	(1.204)	495548	50.0000	49
	32	4-Methyl-2-Pentanone	43	8.529	8.529	(0.810)	391876	50.0000	38
$	33	Toluene-d8	98	8.703	8.703	(0.827)	918359	50.0000	51
	34	Toluene	91	8.777	8.777	(0.834)	1141303	50.0000	52
	35	trans-1,3-Dichloropropene	75	9.025	9.025	(1.300)	437600	50.0000	45
	36	1,1,2-Trichloroethane	97	9.261	9.261	(1.334)	231408	50.0000	46
	37	Tetrachloroethene	164	9.484	9.484	(0.901)	208818	50.0000	50
	38	2-Hexanone	43	9.583	9.583	(0.910)	243836	50.0000	36
	39	Dibromochloromethane	129	9.769	9.769	(1.407)	261665	50.0000	45
	40	1,2-Dibromoethane	107	9.918	9.918	(0.942)	241982	50.0000	46
*	42	Chlorobenzene-d5	117	10.526	10.526	(1.000)	697246	50.0000	
	43	Chlorobenzene	112	10.563	10.563	(1.004)	701853	50.0000	52
	44	Ethylbenzene	106	10.712	10.712	(1.018)	362421	50.0000	54
	45	m,p-Xylene	106	10.860	10.860	(1.032)	938116	100.000	100
	46	o-Xylene	106	11.356	11.356	(1.079)	453126	50.0000	52
	47	Styrene	104	11.369	11.369	(1.080)	579757	50.0000	51
	48	Bromoform	173	11.580	11.580	(1.668)	174551	50.0000	46
	49	Isopropylbenzene	105	11.803	11.803	(1.121)	1092741	50.0000	51
$	50	Bromofluorobenzene	95	11.989	11.989	(1.139)	384015	50.0000	48
	51	1,1,2,2-Tetrachloroethane	83	12.150	12.150	(1.154)	332203	50.0000	45
M	41	Xylene (Total)	106				1391242	50.0000	160
	52	1,3-Dichlorobenzene	146	13.279	13.279	(1.262)	539774	50.0000	51
	53	1,4-Dichlorobenzene	146	13.378	13.378	(1.271)	530246	50.0000	49
	54	1,2-Dichlorobenzene	146	13.799	13.799	(1.311)	487011	50.0000	48
	55	1,2-Dibromo-3-chloropropane	75	14.643	14.643	(1.391)	51386	50.0000	37
	56	1,2,4-Trichlorobenzene	180	15.560	15.560	(1.478)	316886	50.0000	46

SB
8/23/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7841.D
Date : 19-AUG-2005 11:14
Client ID: VSTD0506Q
Instrument: V6.i
Sample Info: ,VSTD0506Q,VSTD0506Q
Purge Volume: 5.0
Operator: SB SRC: SB
Column phase: DB-624
Column diameter: 0.25



0295

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7841.D
Report Date: 23-Aug-2005 14:49

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7841.D
Lab Smp Id: VSTD0506Q Client Smp ID: VSTD0506Q
Inj Date : 19-AUG-2005 11:14
Operator : SB SRC: SB Inst ID: V6.i
Smp Info : ,VSTD0506Q,VSTD0506Q
Misc Info : ,2
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\v6clp4s.m
Meth Date : 23-Aug-2005 14:45 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 11:14 Cal File: V6D7841.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.436	1.436	(0.305)	520933	50.0000	50
2 Chloromethane	50	1.575	1.575	(0.335)	845903	50.0000	57
3 Vinyl Chloride	62	1.679	1.679	(0.357)	873413	50.0000	56
4 Bromomethane	94	1.989	1.989	(0.422)	557271	50.0000	57
5 Chloroethane	64	2.092	2.092	(0.444)	431012	50.0000	56
6 Trichlorofluoromethane	101	2.330	2.330	(0.495)	925454	50.0000	57
7 1,1-Dichloroethene	96	2.798	2.798	(0.594)	787685	50.0000	55
9 Acetone	43	2.816	2.816	(0.598)	230406	50.0000	66
8 1,1,2-Trichloro-1,2,2-trifluo	101	2.810	2.810	(0.597)	773974	50.0000	55
10 Carbon Disulfide	76	2.993	2.993	(0.636)	2186945	50.0000	54
11 Methyl Acetate	43	3.133	3.133	(0.665)	420131	50.0000	52
12 Methylene Chloride	84	3.261	3.261	(0.692)	728640	50.0000	52
13 trans-1,2-Dichloroethene	96	3.492	3.492	(0.742)	518162	50.0000	49
14 Methyl tert-Butyl Ether	73	3.504	3.504	(0.744)	1431195	50.0000	48
15 1,1-Dichloroethane	63	3.893	3.893	(0.827)	979846	50.0000	49
16 2-Butanone	43	4.489	4.489	(0.953)	294329	50.0000	53

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7841.D
Report Date: 23-Aug-2005 14:49

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	17	cis-1,2-Dichloroethene	96	4.471	4.471	(0.950)	538344	50.0000	48
*	18	Bromochloromethane	128	4.708	4.708	(1.000)	275348	50.0000	
	19	Chloroform	83	4.800	4.800	(1.019)	926368	50.0000	48
	20	1,1,1-Trichloroethane	97	4.988	4.988	(0.861)	666827	50.0000	46
	21	Cyclohexane	56	5.061	5.061	(0.874)	927691	50.0000	47
	22	Carbon Tetrachloride	117	5.165	5.165	(0.892)	650049	50.0000	45
$	23	1,2-Dichloroethane-d4	65	5.305	5.305	(1.127)	598898	50.0000	47
	25	Benzene	78	5.378	5.378	(0.929)	2114895	50.0000	50
	24	1,2-Dichloroethane	62	5.384	5.384	(1.143)	750543	50.0000	49
*	26	1,4-Difluorobenzene	114	5.791	5.791	(1.000)	1533591	50.0000	
	27	Trichloroethene	130	6.083	6.083	(1.050)	512594	50.0000	46
	28	Methylcyclohexane	83	6.302	6.302	(1.088)	845636	50.0000	46
	29	1,2-Dichloropropane	63	6.314	6.314	(1.090)	619465	50.0000	52
	30	Bromodichloromethane	83	6.631	6.631	(1.145)	681598	50.0000	49
	31	cis-1,3-Dichloropropene	75	7.160	7.160	(1.236)	827470	50.0000	50
	32	4-Methyl-2-Pentanone	43	7.349	7.349	(0.791)	592052	50.0000	48
$	33	Toluene-d8	98	7.482	7.482	(0.805)	1833046	50.0000	47
	34	Toluene	91	7.561	7.561	(0.814)	2217348	50.0000	48
	35	trans-1,3-Dichloropropene	75	7.829	7.829	(1.352)	805833	50.0000	51
	36	1,1,2-Trichloroethane	97	8.048	8.048	(1.390)	493575	50.0000	50
	37	Tetrachloroethene	164	8.243	8.243	(0.887)	408950	50.0000	44
	38	2-Hexanone	43	8.383	8.383	(0.902)	375230	50.0000	48
	39	Dibromochloromethane	129	8.535	8.535	(1.474)	551114	50.0000	50
	40	1,2-Dibromoethane	107	8.675	8.675	(0.934)	539822	50.0000	48
*	42	Chlorobenzene-d5	117	9.289	9.289	(1.000)	1542679	50.0000	
	43	Chlorobenzene	112	9.320	9.320	(1.003)	1520734	50.0000	49
	44	Ethylbenzene	106	9.484	9.484	(1.021)	800841	50.0000	49
	45	m,p-Xylene	106	9.642	9.642	(1.038)	2087496	100.000	100
	46	o-Xylene	106	10.165	10.165	(1.094)	1044828	50.0000	52
	47	Styrene	104	10.184	10.184	(1.096)	1314992	50.0000	52
	48	Bromoform	173	10.403	10.403	(1.796)	400314	50.0000	52
	49	Isopropylbenzene	105	10.658	10.658	(1.147)	2537739	50.0000	53
$	50	Bromofluorobenzene	95	10.841	10.841	(1.167)	782491	50.0000	49
	51	1,1,2,2-Tetrachloroethane	83	11.035	11.035	(1.188)	775970	50.0000	54
M	41	Xylene (Total)	106				3132324	50.0000	150
	52	1,3-Dichlorobenzene	146	12.179	12.179	(1.311)	1203149	50.0000	52
	53	1,4-Dichlorobenzene	146	12.288	12.288	(1.323)	1219698	50.0000	52
	54	1,2-Dichlorobenzene	146	12.720	12.720	(1.369)	1172551	50.0000	52
	55	1,2-Dibromo-3-chloropropane	75	13.602	13.602	(1.464)	112669	50.0000	48
	56	1,2,4-Trichlorobenzene	180	14.527	14.527	(1.564)	459175	50.0000	45

SB
8/23/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050817A.B\W1G9580.D

Date : 18-AUG-2005 03:00

Client ID: BFB1Q

Instrument: V1.i

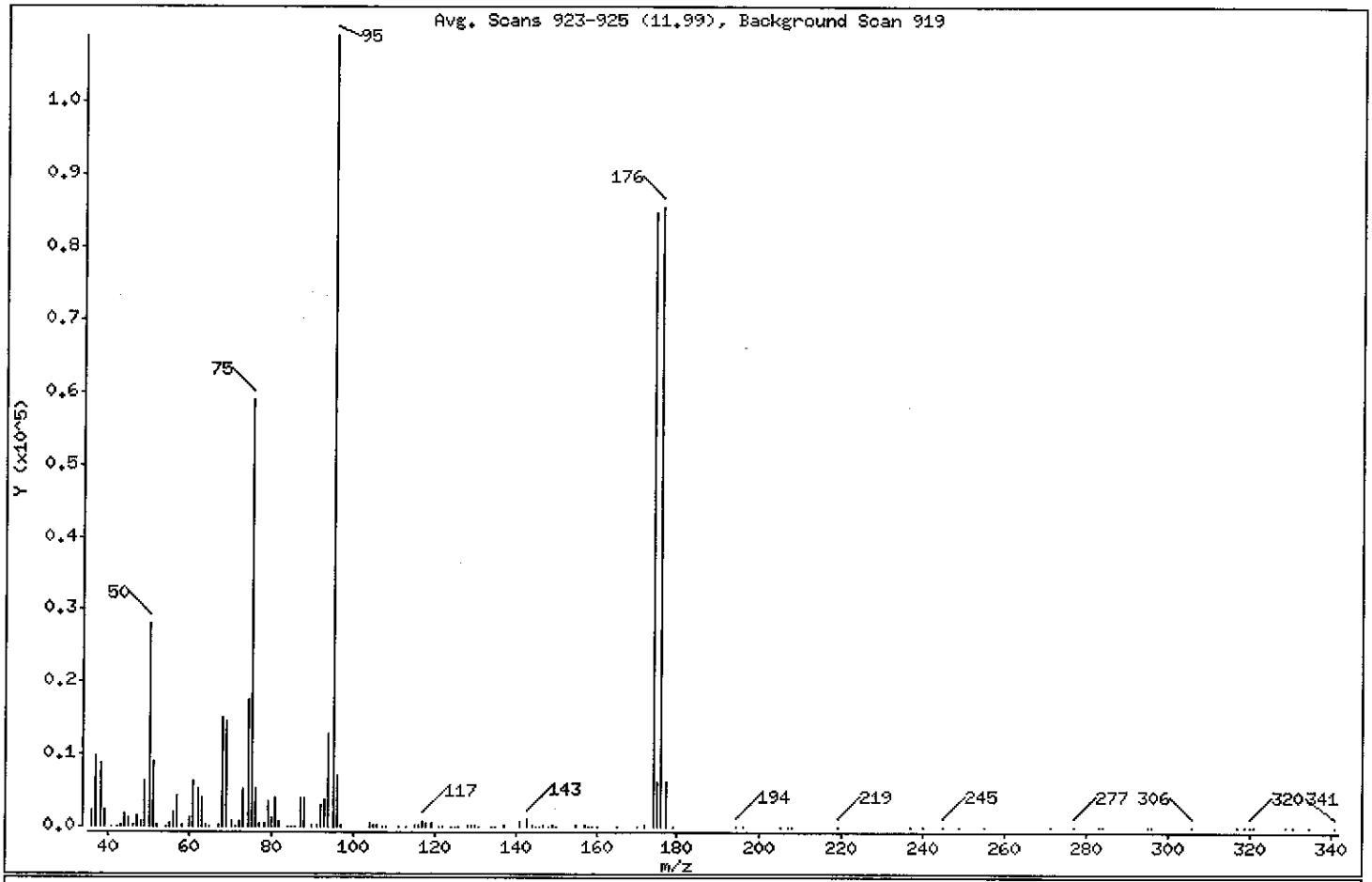
Sample Info: ,BFB1Q,BFB1Q

Operator: LG

Column phase: DB-624

Column diameter: 0.25

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	25.86
75	30.00 - 66.00% of mass 95	53.93
96	5.00 - 9.00% of mass 95	6.55
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	77.74
175	4.00 - 9.00% of mass 174	5.76 (7.41)
176	93.00 - 101.00% of mass 174	78.28 (100.70)
177	5.00 - 9.00% of mass 176	5.71 (7.29)

COPY

Original Documents Are Included in CSF_____

Signed:_____ Date:_____

Data File: \\AVOGADRO\ORGANICS\organic\woa\V1.i\050817A.B\V1G9580.D

Date : 18-AUG-2005 03:00

Client ID: BFB1Q

Instrument: V1.i

Sample Info: ,BFB1Q,BFB1Q

Operator: LG

Column phase: DB-624

Column diameter: 0.25

Data File: V1G9580.D

Spectrum: Avg. Scans 923-925 (11.99), Background Scan 919

Location of Maximum: 95.00

Number of points: 128

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2173	73.00	5269	118.00	398	176.00	85424
37.00	9857	74.00	17576	119.00	521	177.00	6229
38.00	8695	75.00	58848	121.00	36	179.00	38
39.00	2324	76.00	5273	122.00	48	194.00	51
41.00	75	77.00	515	124.00	63	196.00	39
42.00	48	78.00	476	125.00	48	205.00	33
43.00	226	79.00	3580	126.00	98	207.00	20
44.00	1705	80.00	1156	128.00	270	208.00	38
45.00	1302	81.00	3952	129.00	332	219.00	80
46.00	196	82.00	685	130.00	347	237.00	61
47.00	1531	84.00	49	131.00	101	240.00	35
48.00	870	85.00	44	134.00	98	245.00	78
49.00	6381	86.00	123	135.00	92	249.00	35
50.00	28216	87.00	3945	137.00	220	255.00	48
51.00	8962	88.00	3918	141.00	801	271.00	41
52.00	372	90.00	148	143.00	978	277.00	44
54.00	89	91.00	189	144.00	147	283.00	43
55.00	378	92.00	2957	145.00	57	284.00	35
56.00	2009	93.00	3825	146.00	119	295.00	35
57.00	4171	94.00	12892	147.00	175	296.00	35
58.00	241	95.00	109120	148.00	62	306.00	47
60.00	1208	96.00	7148	149.00	167	317.00	35
61.00	6231	97.00	363	150.00	44	319.00	36
62.00	5271	104.00	380	155.00	297	320.00	67
63.00	4089	105.00	207	157.00	277	321.00	36
64.00	370	106.00	284	158.00	83	329.00	35
65.00	45	107.00	58	159.00	68	331.00	48
67.00	168	108.00	48	160.00	109	335.00	39
68.00	15087	111.00	43	165.00	34	341.00	47
69.00	14489	113.00	69	170.00	83		
70.00	752	115.00	200	172.00	283		
71.00	114	116.00	267	174.00	84832		
72.00	654	117.00	643	175.00	6282		

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050817A.B\V1G9580.D

Date : 18-AUG-2005 03:00

Client ID: BFB1Q

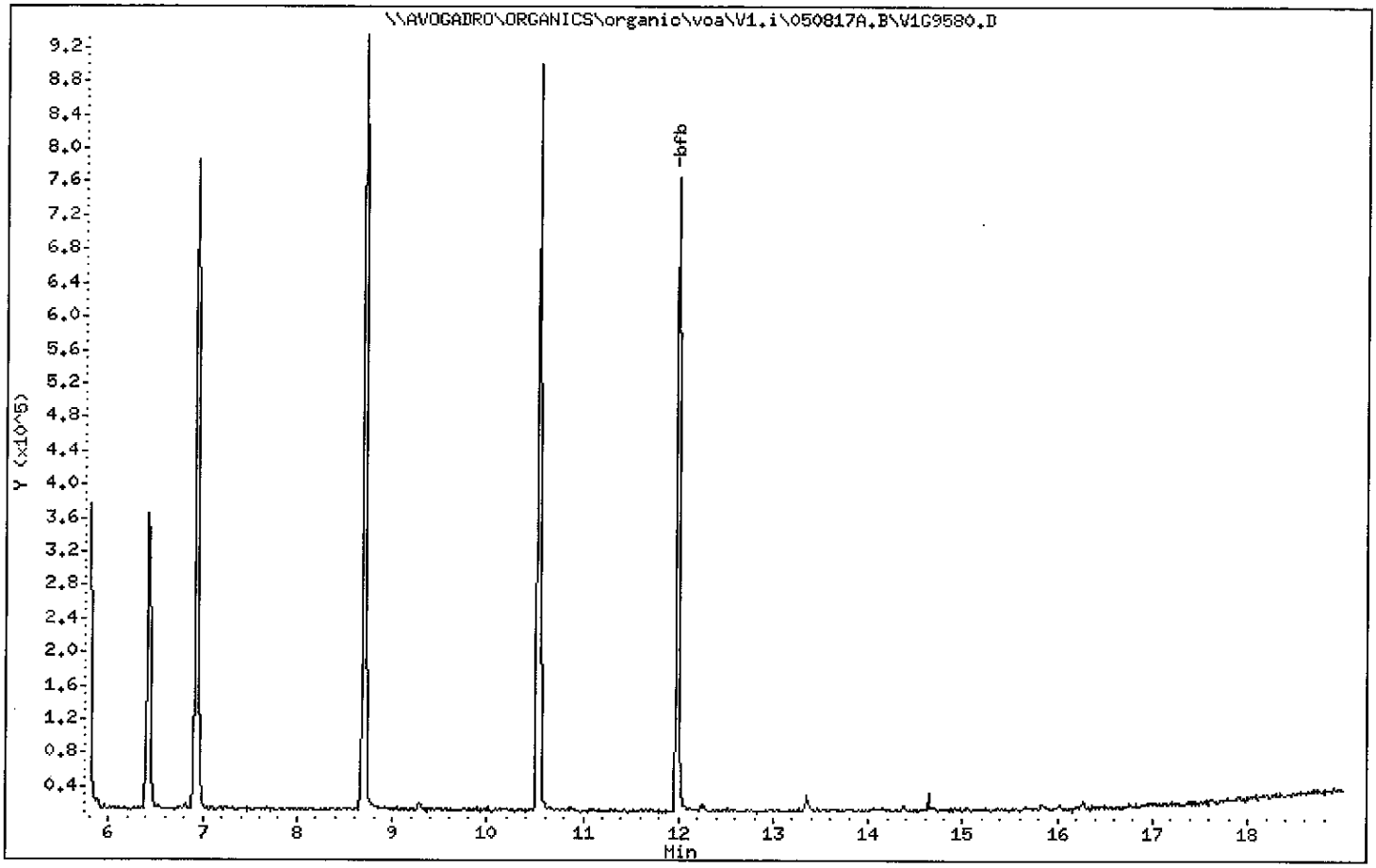
Instrument: V1.i

Sample Info: ,BFB1Q,BFB1Q

Operator: LG

Column phase: DB-624

Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9590.D

Date : 18-AUG-2005 11:35

Client ID: BFB1R

Instrument: V1.i

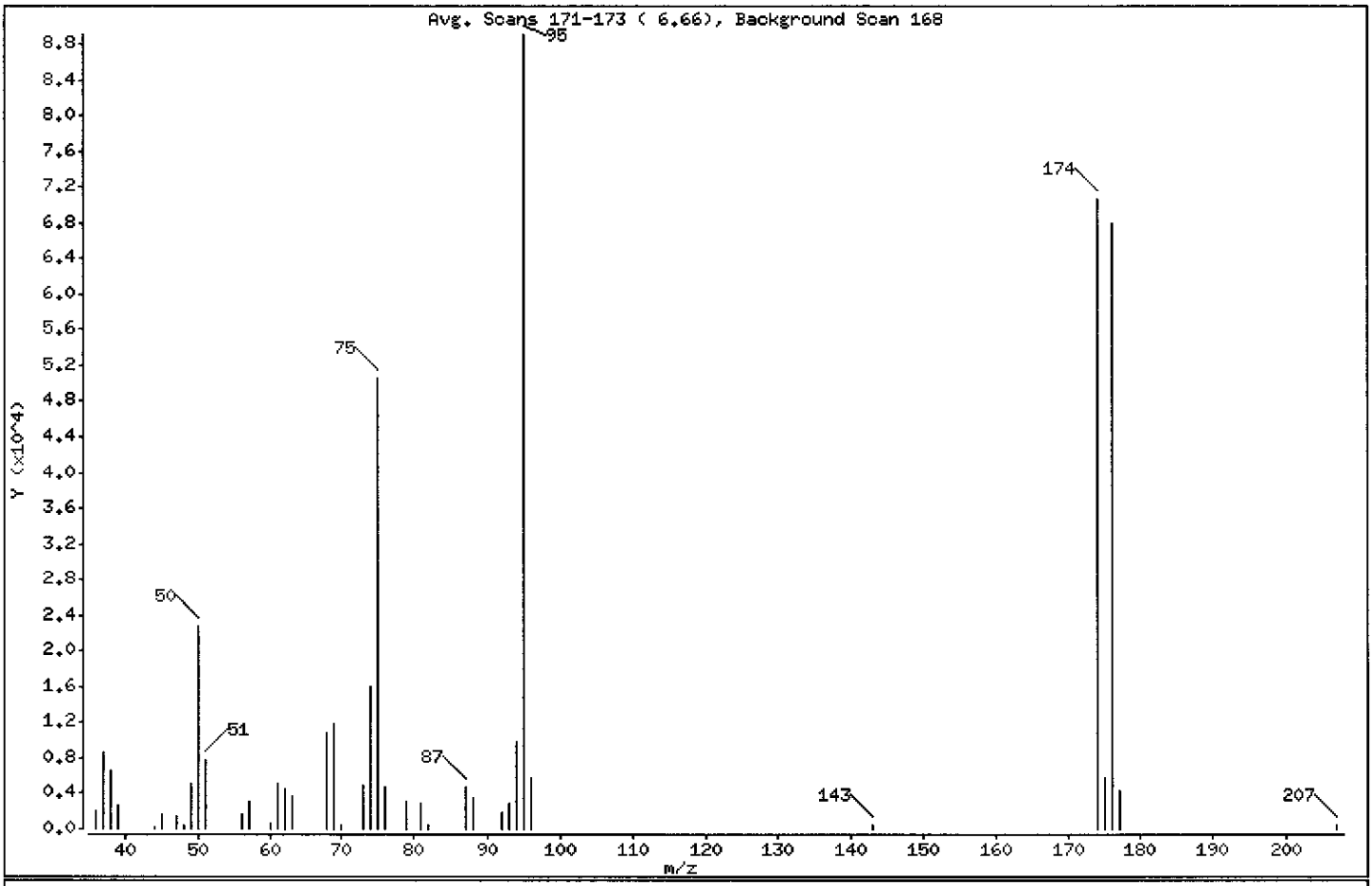
Sample Info: ,BFB1R,BFB1R,

Operator: LG

Column phase: DB-624

Column diameter: 0.25

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	25.54
75	30.00 - 66.00% of mass 95	56.68
96	5.00 - 9.00% of mass 95	6.43
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	79.36
175	4.00 - 9.00% of mass 174	6.34 (7.99)
176	93.00 - 101.00% of mass 174	76.40 (96.27)
177	5.00 - 9.00% of mass 176	4.84 (6.34)

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9590.D

Date : 18-AUG-2005 11:35

Client ID: BFB1R

Instrument: V1.i

Sample Info: ,BFB1R,BFB1R,

Operator: LG

Column phase: DB-624

Column diameter: 0.25

Data File: V1G9590.D

Spectrum: Avg. Scans 171-173 (6.66), Background Scan 168

Location of Maximum: 95.00

Number of points: 40

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2081	56.00	1684	75.00	50464	96.00	5721
37.00	8501	57.00	3123	76.00	4642	143.00	357
38.00	6463	60.00	541	79.00	3111	174.00	70656
39.00	2691	61.00	5191	81.00	2835	175.00	5642
44.00	179	62.00	4440	82.00	376	176.00	68024
45.00	1690	63.00	3766	87.00	4801	177.00	4310
47.00	1332	68.00	10921	88.00	3453	207.00	399
48.00	499	69.00	11868	92.00	1871		
49.00	5095	70.00	392	93.00	2814		
50.00	22736	73.00	4964	94.00	9851		
51.00	7820	74.00	16065	95.00	89032		

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9590.D

Date : 18-AUG-2005 11:35

Client ID: BFB1R

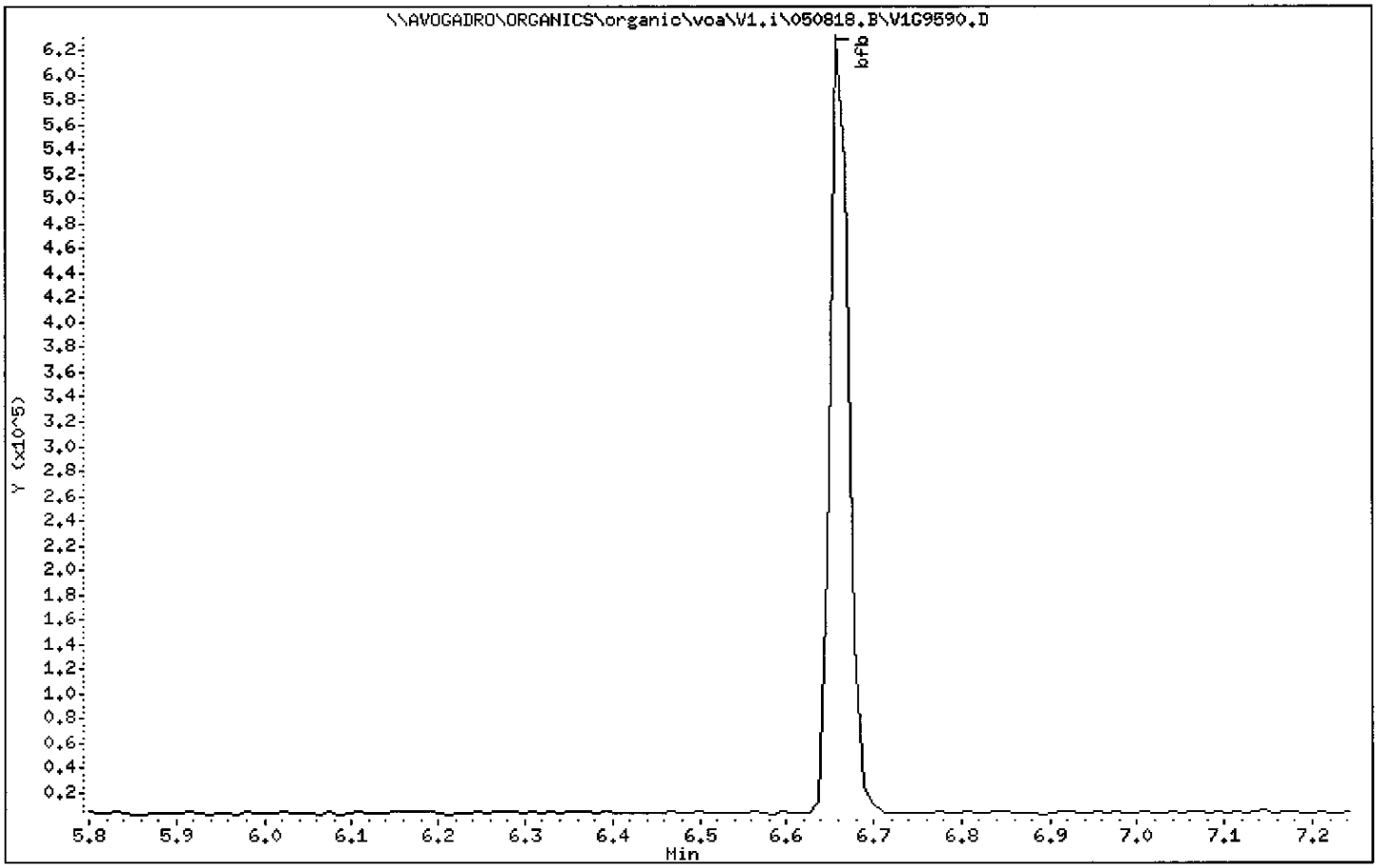
Instrument: V1.i

Sample Info: ,BFB1R,BFB1R,

Operator: LG

Column phase: DB-624

Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9630.D

Date : 19-AUG-2005 10:00

Client ID: BFB1S

Instrument: V1.i

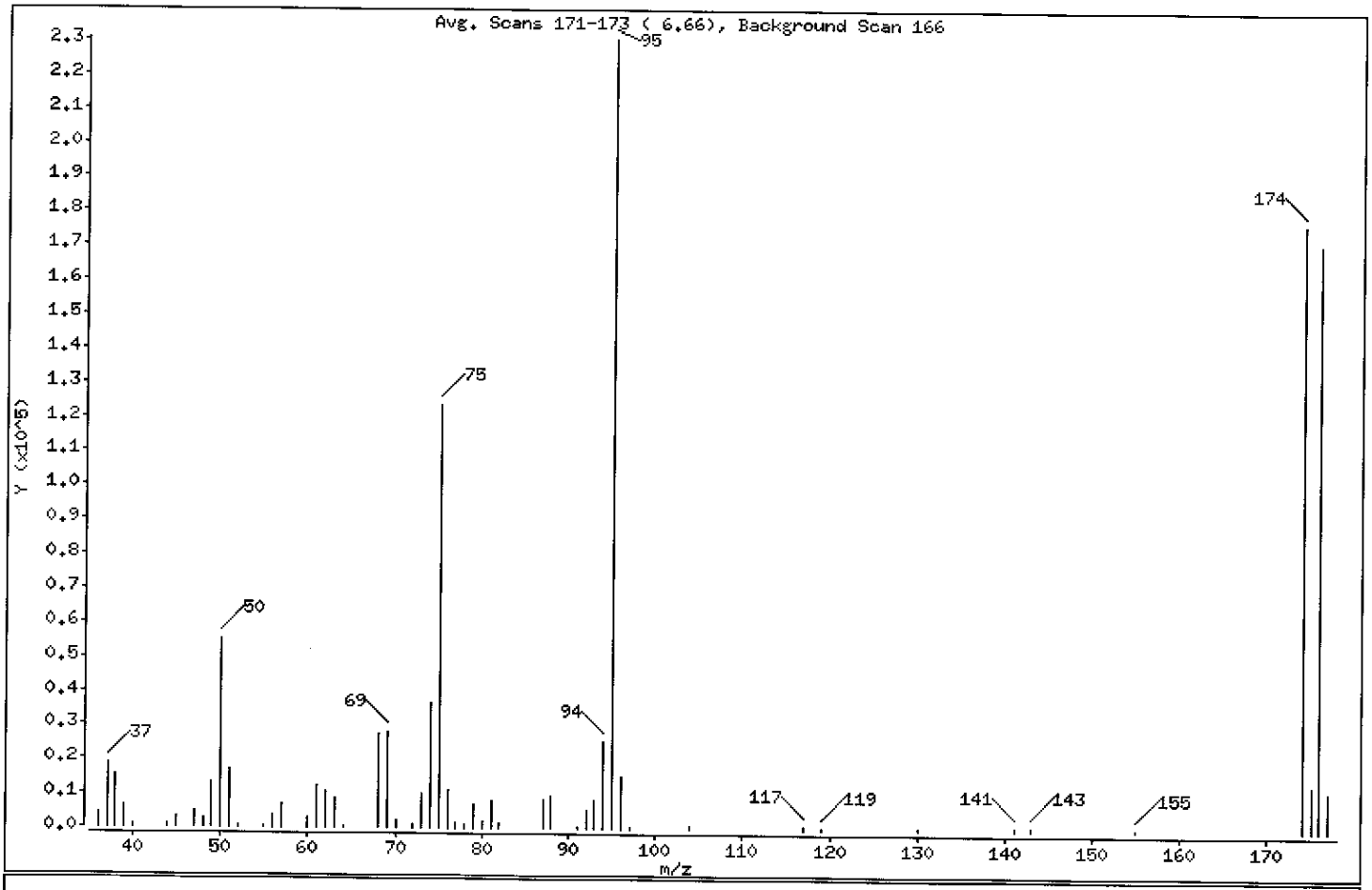
Sample Info: ,BFB1S,BFB1S,

Operator: LG

Column phase: DB-624

Column diameter: 0.25

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	23.90
75	30.00 - 66.00% of mass 95	53.62
96	5.00 - 9.00% of mass 95	6.67
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	76.76
175	4.00 - 9.00% of mass 174	5.70 (7.43)
176	93.00 - 101.00% of mass 174	74.17 (96.64)
177	5.00 - 9.00% of mass 176	5.13 (6.91)

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9630.D

Date : 19-AUG-2005 10:00

Client ID: BFB1S

Instrument: V1.i

Sample Info: ,BFB1S,BFB1S,

Operator: LG

Column phase: DB-624

Column diameter: 0.25

Data File: V1G9630.D

Spectrum: Avg. Scans 171-173 (6.66), Background Scan 166

Location of Maximum: 95.00

Number of points: 55

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4091	56.00	3923	76.00	11035	96.00	15366
37.00	18336	57.00	7150	77.00	1477	97.00	358
38.00	15370	60.00	3356	78.00	966	104.00	813
39.00	6122	61.00	12141	79.00	6832	117.00	945
40.00	927	62.00	10498	80.00	2087	119.00	509
44.00	1305	63.00	8366	81.00	7886	130.00	456
45.00	2991	64.00	366	82.00	1337	141.00	1184
47.00	4579	68.00	27464	87.00	8278	143.00	1158
48.00	2607	69.00	27928	88.00	9707	155.00	378
49.00	13297	70.00	2366	91.00	789	174.00	176896
50.00	55088	72.00	962	92.00	5343	175.00	13142
51.00	16696	73.00	10217	93.00	8295	176.00	170944
52.00	444	74.00	36616	94.00	25456	177.00	11817
55.00	746	75.00	123568	95.00	230464		

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9630.D

Date : 19-AUG-2005 10:00

Client ID: BFB1S

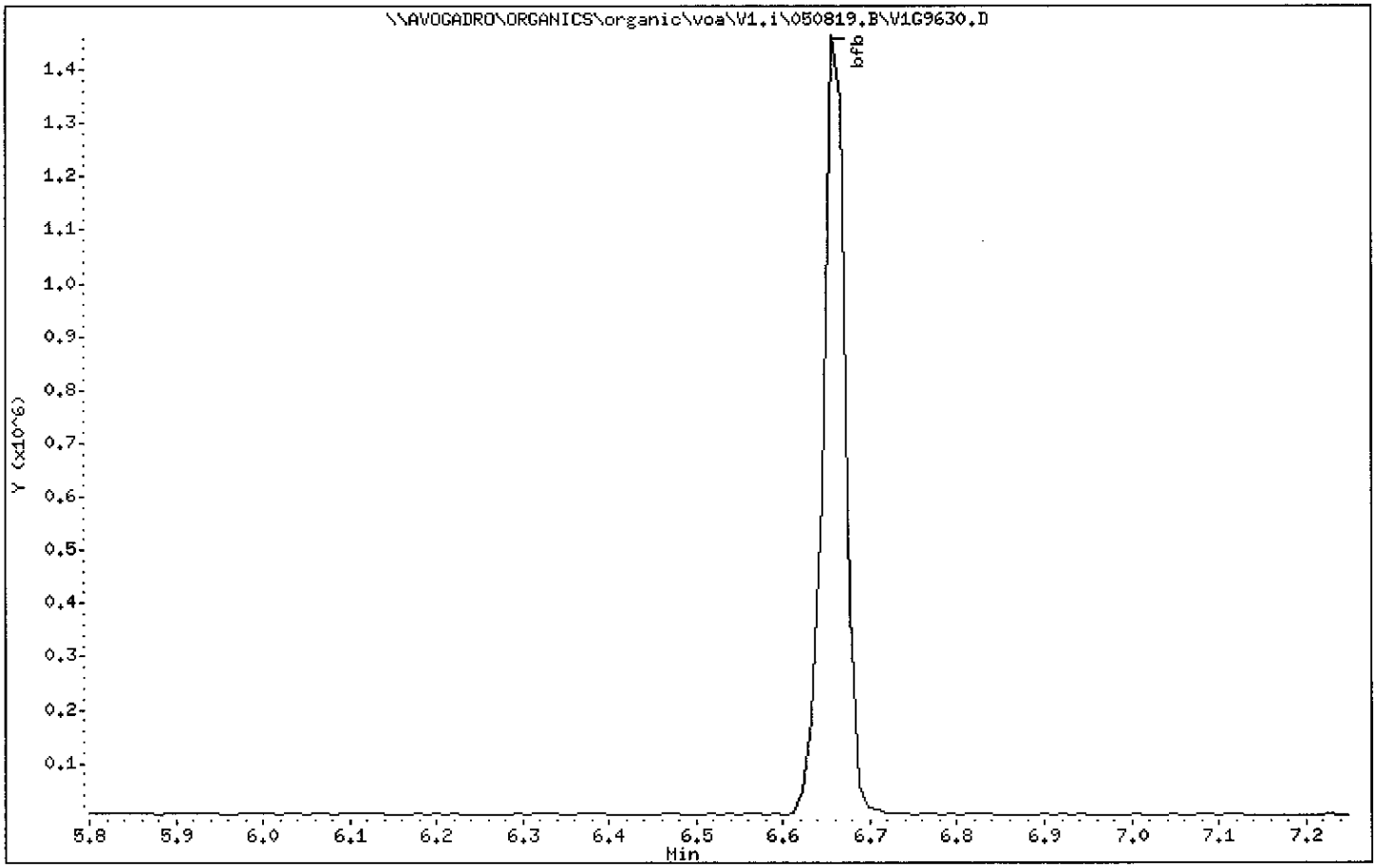
Instrument: V1.i

Sample Info: ,BFB1S,BFB1S,

Operator: LG

Column phase: DB-624

Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050817B.B\V6D7770.D

Date : 17-AUG-2005 11:27

Client ID: BFB6K

Instrument: v6.i

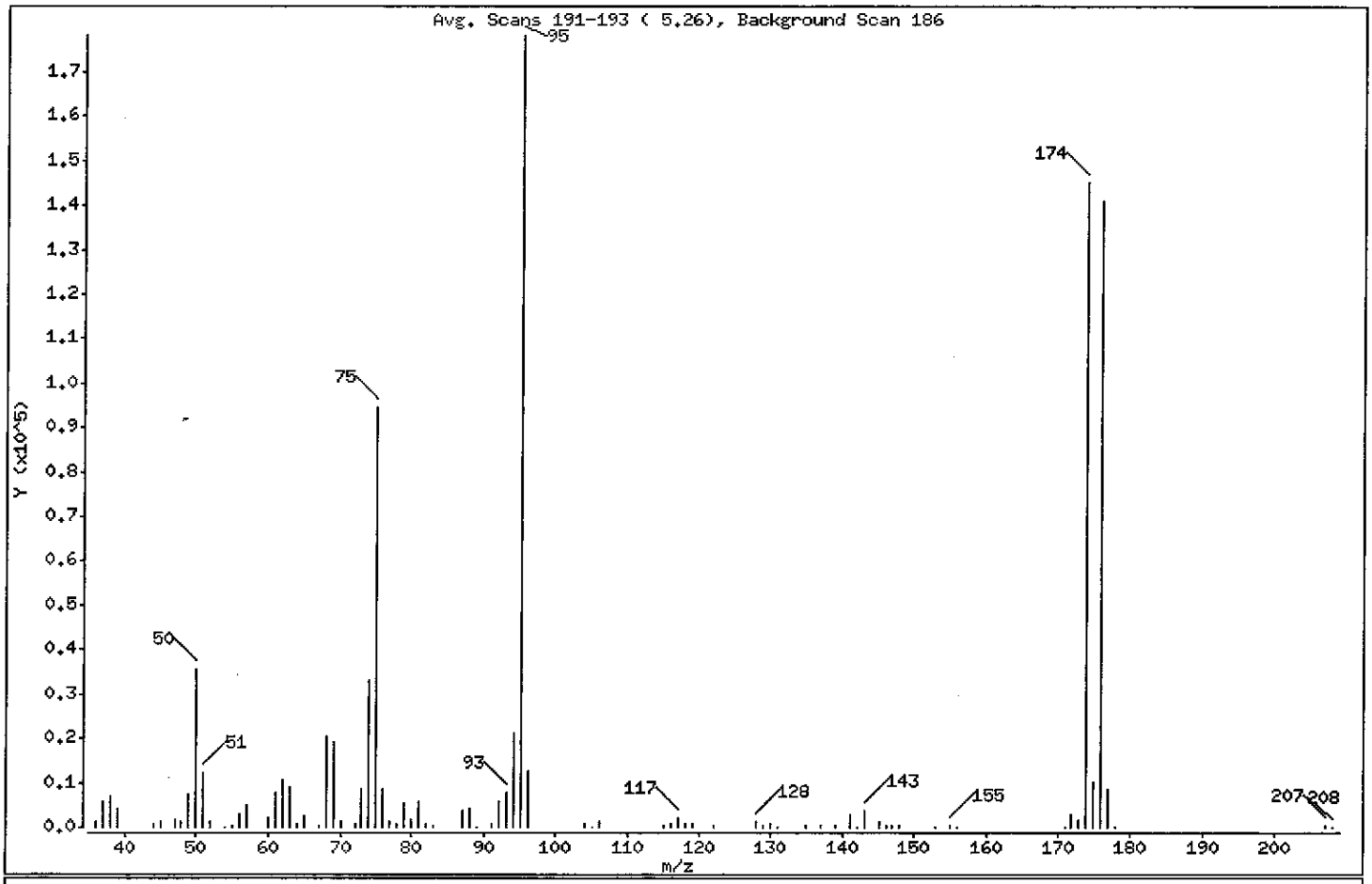
Sample Info: ,BFB6K,BFB6K

Operator: SB

Column phase: DB-624

Column diameter: 0.25

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	20.01
75	30.00 - 66.00% of mass 95	53.05
96	5.00 - 9.00% of mass 95	7.09
173	Less than 2.00% of mass 174	0.97 (1.19)
174	50.00 - 120.00% of mass 95	81.31
175	4.00 - 9.00% of mass 174	5.69 (7.00)
176	93.00 - 101.00% of mass 174	78.98 (97.14)
177	5.00 - 9.00% of mass 176	4.92 (6.23)

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Original Documents Are Included in CSF_____

Signed:_____ Date:_____

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050817B.B\V6D7770.D

Date : 17-AUG-2005 11:27

Client ID: BFB6K

Instrument: v6.i

Sample Info: ,BFB6K,BFB6K

Operator: SB

Column phase: DB-624

Column diameter: 0.25

Data File: V6D7770.D

Spectrum: Avg. Scans 191-193 (5.26), Background Scan 186

Location of Maximum: 95.00

Number of points: 83

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1415	65.00	2523	92.00	5678	141.00	2937
37.00	5638	67.00	455	93.00	7685	142.00	196
38.00	7007	68.00	20520	94.00	21256	143.00	3519
39.00	4004	69.00	19152	95.00	178112	145.00	1161
44.00	804	70.00	1100	96.00	12620	146.00	490
45.00	1331	72.00	696	104.00	930	147.00	297
47.00	1499	73.00	8654	105.00	182	148.00	477
48.00	1278	74.00	33208	106.00	1216	153.00	203
49.00	7337	75.00	94480	115.00	610	155.00	307
50.00	35640	76.00	8455	116.00	914	156.00	184
51.00	12331	77.00	1238	117.00	2153	171.00	173
52.00	1246	78.00	785	118.00	732	172.00	2922
54.00	180	79.00	5497	119.00	979	173.00	1726
55.00	448	80.00	1694	122.00	209	174.00	144768
56.00	2988	81.00	5783	128.00	1028	175.00	10141
57.00	4942	82.00	863	129.00	331	176.00	140672
60.00	1948	83.00	603	130.00	907	177.00	8761
61.00	7711	87.00	3759	131.00	188	178.00	174
62.00	10539	88.00	3952	135.00	269	207.00	377
63.00	9052	89.00	167	137.00	230	208.00	191
64.00	892	91.00	894	139.00	286		

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050817B.B\V6D7770.D

Date : 17-AUG-2005 11:27

Client ID: BFB6K

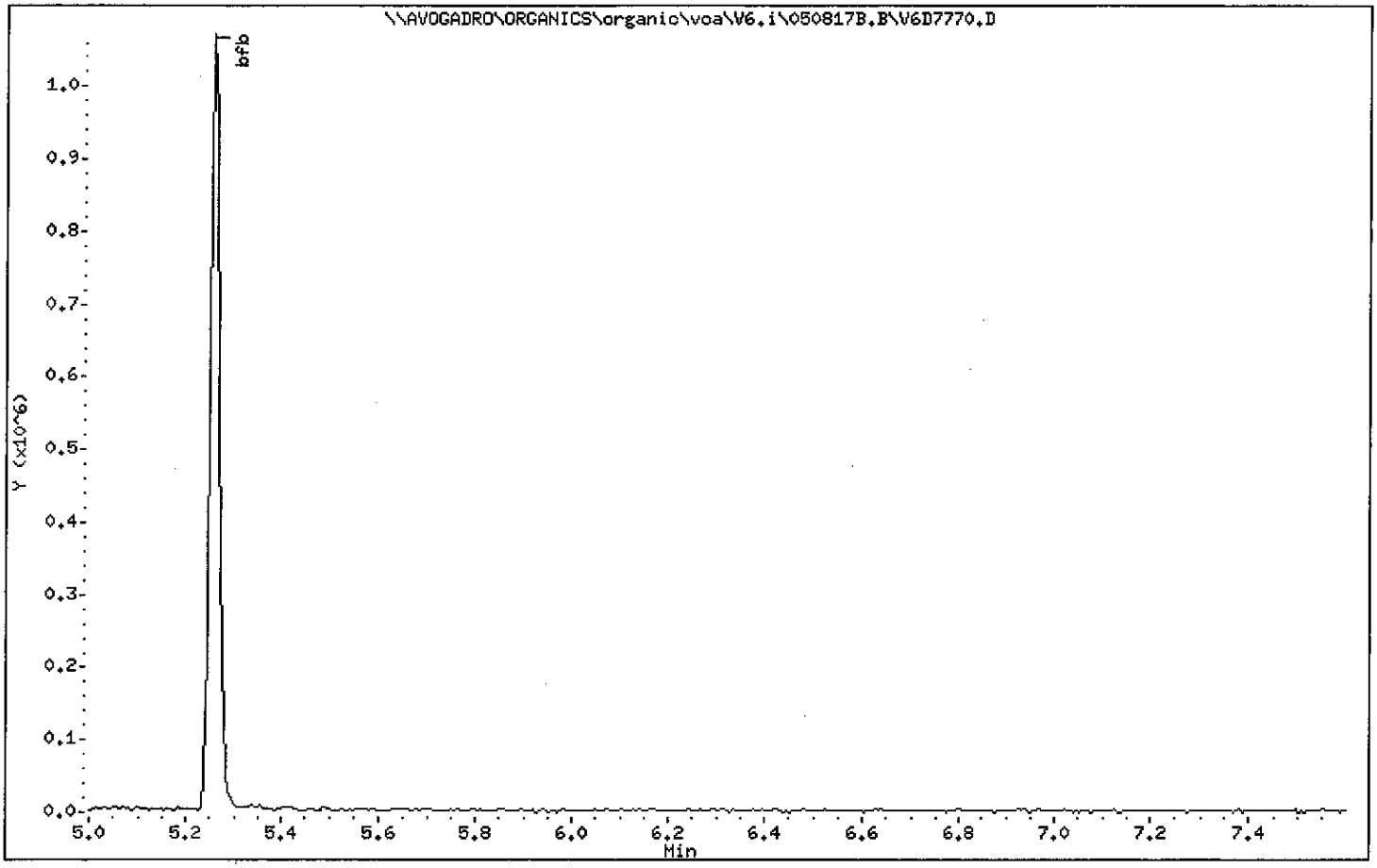
Instrument: v6.i

Sample Info: ,BFB6K,BFB6K

Operator: SB

Column phase: DB-624

Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7840.D

Date : 19-AUG-2005 10:05

Client ID: BFB6Q

Instrument: v6.i

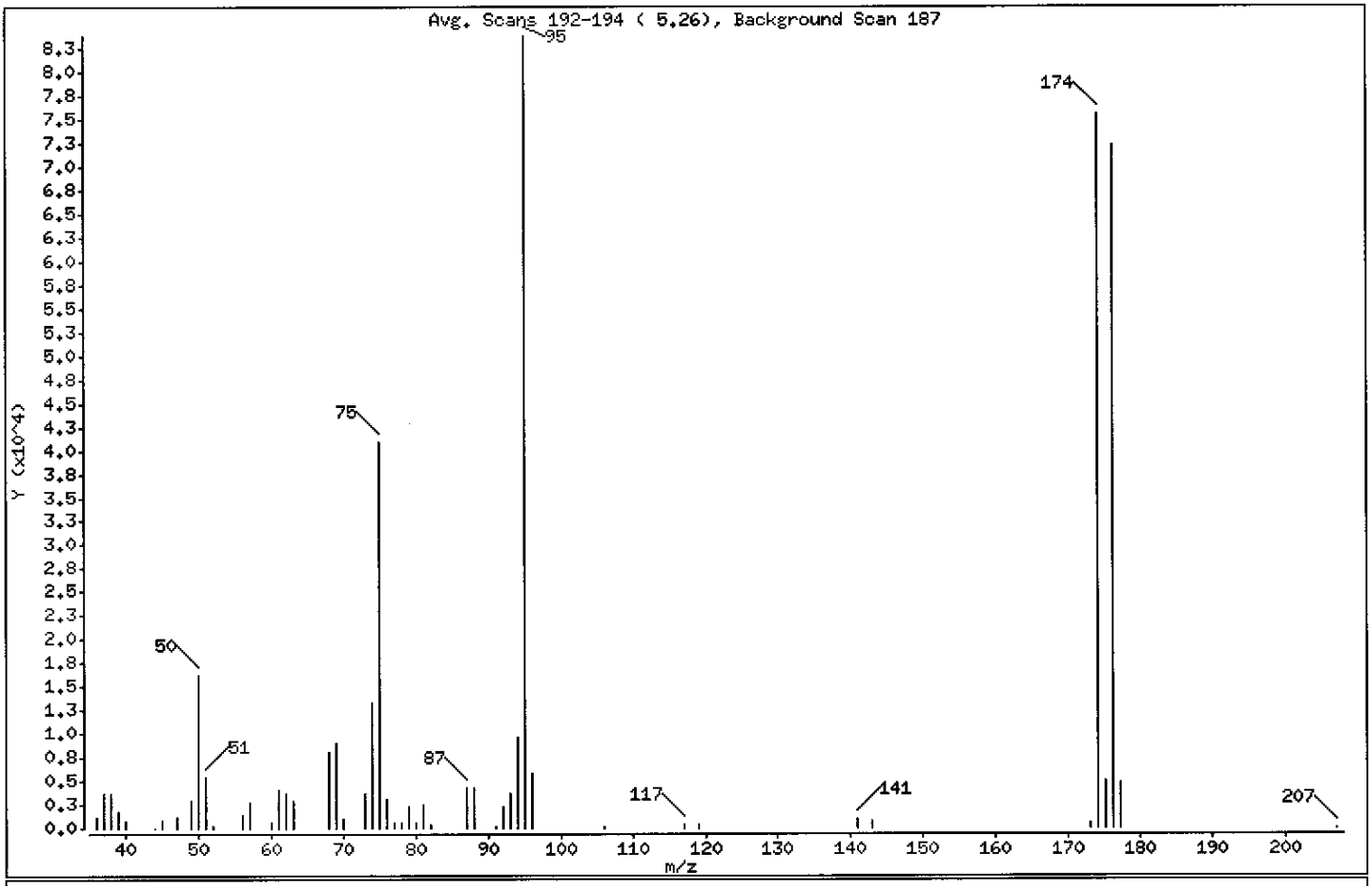
Sample Info: ,BFB6Q,BFB6Q

Operator: SB

Column phase: DB-624

Column diameter: 0.25

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	19.24
75	30.00 - 66.00% of mass 95	48.65
96	5.00 - 9.00% of mass 95	6.84
173	Less than 2.00% of mass 174	0.63 (0.70)
174	50.00 - 120.00% of mass 95	90.12
175	4.00 - 9.00% of mass 174	5.87 (6.51)
176	93.00 - 101.00% of mass 174	86.26 (95.71)
177	5.00 - 9.00% of mass 176	5.77 (6.69)

Date : 19-AUG-2005 10:05

Client ID: BFB6Q Instrument: v6.i

Sample Info: ,BFB6Q,BFB6Q

Operator: SB

Column phase: DB-624 Column diameter: 0.25

Data File: V6D7840.D
Spectrum: Avg. Scans 192-194 (5.26), Background Scan 187
Location of Maximum: 95.00
Number of points: 50

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1065	57.00	2773	78.00	531	106.00	185
37.00	3727	60.00	588	79.00	2329	117.00	397
38.00	3675	61.00	4045	80.00	485	119.00	378
39.00	1816	62.00	3699	81.00	2517	141.00	1047
40.00	698	63.00	2919	82.00	385	143.00	794
44.00	20	68.00	8104	87.00	4279	173.00	532
45.00	678	69.00	9071	88.00	4225	174.00	75608
47.00	1134	70.00	904	91.00	176	175.00	4924
49.00	2981	73.00	3707	92.00	2357	176.00	72368
50.00	16145	74.00	13274	93.00	3606	177.00	4838
51.00	5401	75.00	40816	94.00	9714	207.00	55
52.00	167	76.00	3068	95.00	83896		
56.00	1270	77.00	550	96.00	5739		

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7840.D

Date : 19-AUG-2005 10:05

Client ID: BFB6Q

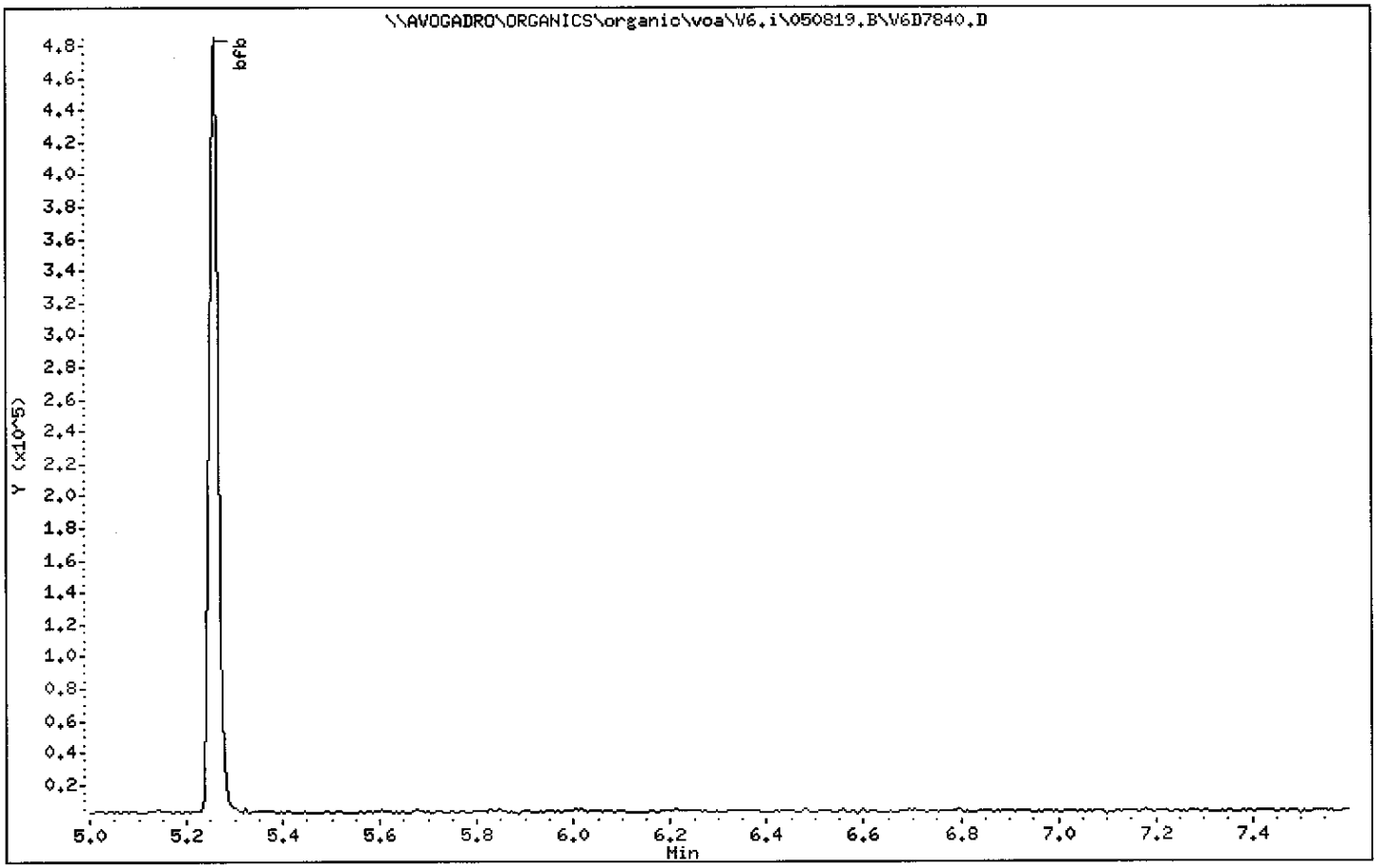
Instrument: v6.i

Sample Info: ,BFB6Q,BFB6Q

Operator: SB

Column phase: DB-624

Column diameter: 0.25



1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19555

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9592

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19555

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9592

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

VBLK1R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19555

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9592

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
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10.					
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24.					
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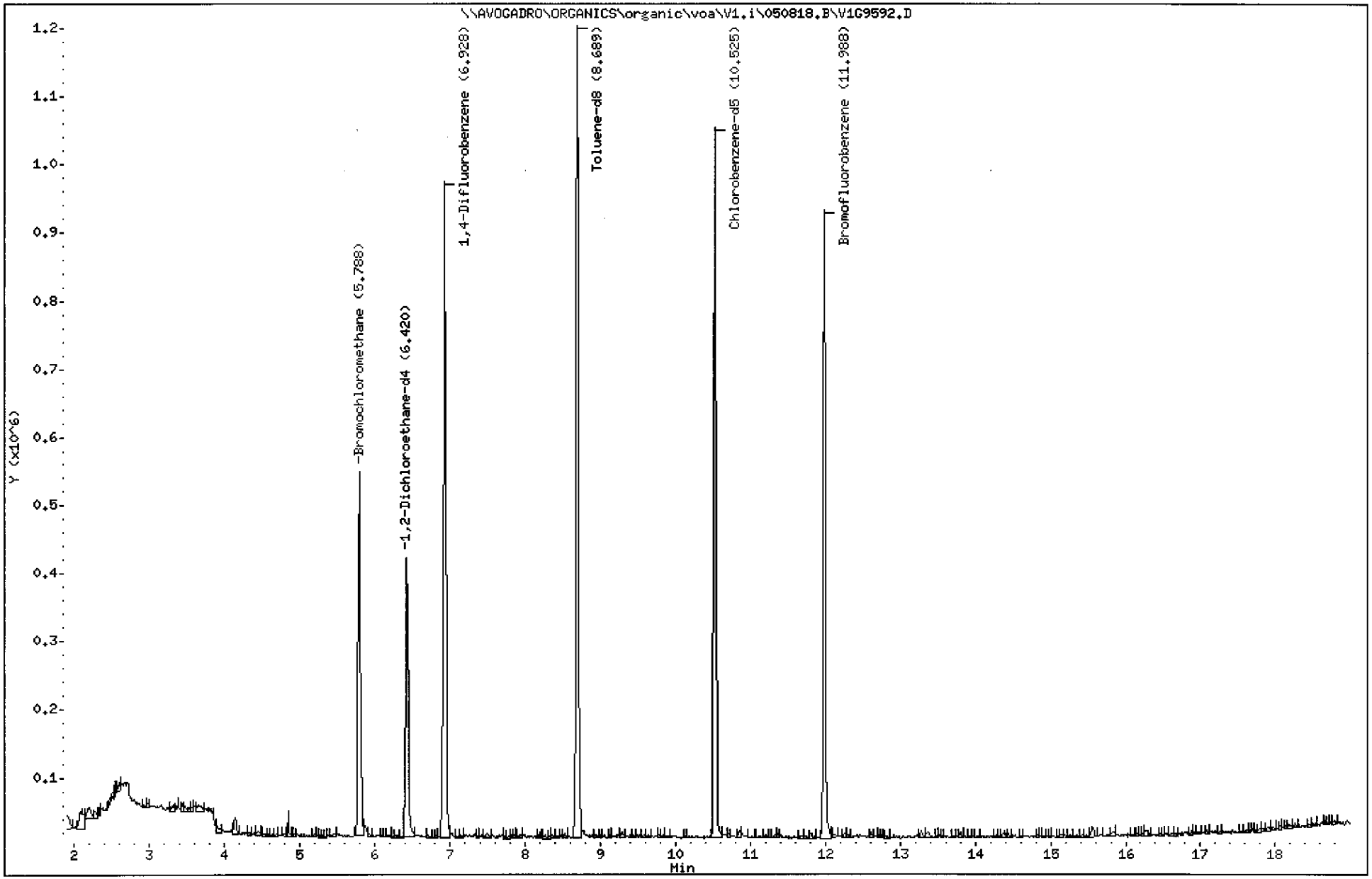
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9592.D
Date : 18-AUG-2005 12:42
Client ID: VBLK1R
Sample Info: ,MB-19555,VBLK1R,19555,

Instrument: V1.i

Operator: LG
Column phase: DB-624
Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9592.D
Report Date: 22-Aug-2005 14:43

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9592.D
Lab Smp Id: MB-19555 Client Smp ID: VBLK1R
Inj Date : 18-AUG-2005 12:42
Operator : LG Inst ID: V1.i
Smp Info : ,MB-19555,VBLK1R,19555,
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D ✓
Als bottle: 2 QC Sample: BLANK ✓
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample (g)
M	0.000	% Moisture (not decanted)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
* 18 Bromochloromethane	128	5.788	5.788	(1.000)	147626	50.0000	
$ 23 1,2-Dichloroethane-d4	65	6.420	6.420	(1.109)	358102	47.6901	48
* 26 1,4-Difluorobenzene	114	6.928	6.929	(1.000)	839635	50.0000	
$ 33 Toluene-d8	98	8.689	8.690	(0.826)	877036	49.1646	49
* 42 Chlorobenzene-d5	117	10.525	10.525	(1.000)	641413	50.0000	
$ 50 Bromofluorobenzene	95	11.988	11.988	(1.139)	337815	47.0607	47

SB 8/22/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9592.D
Report Date: 22-Aug-2005 14:43

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9592.D
Lab Smp Id: MB-19555 Client Smp ID: VBLK1R
Inj Date : 18-AUG-2005 12:42
Operator : LG Inst ID: V1.i
Smp Info : ,MB-19555,VBLK1R,19555,
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D
Als bottle: 2 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1S

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19568

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9634

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	1	J
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1S

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19568

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9634

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

VBLK1S

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19568

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9634

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
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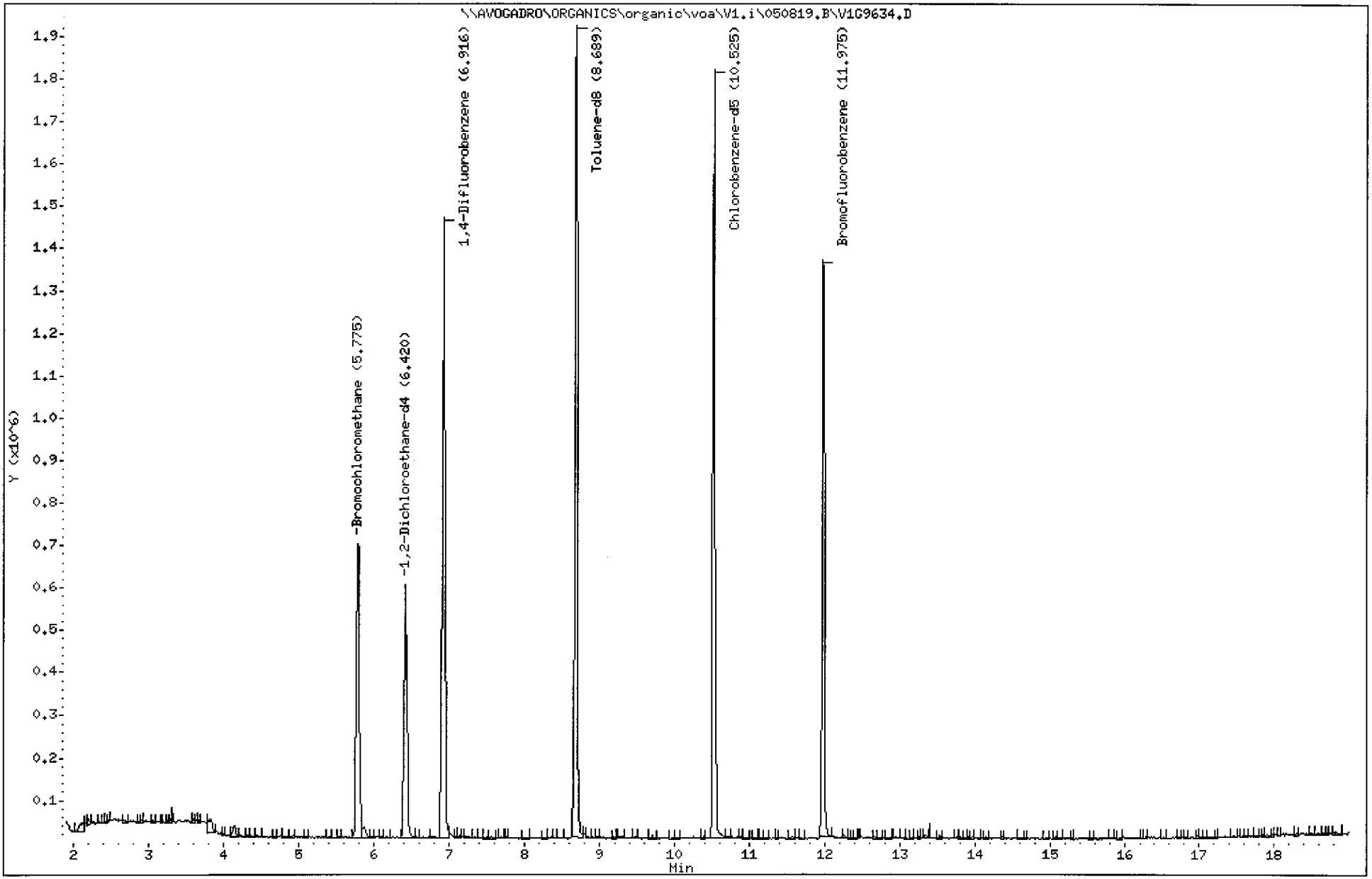
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9634.D
Date : 19-AUG-2005 13:26
Client ID: VBLK1S
Sample Info: ,MB-19568,VBLK1S,19568,

Instrument: V1.i

Operator: LG
Column diameter: 0.25

Column phase: DB-624



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9634.D
Report Date: 23-Aug-2005 13:52

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9634.D
Lab Smp Id: MB-19568 Client Smp ID: VBLK1S
Inj Date : 19-AUG-2005 13:26
Operator : LG Inst ID: V1.i
Smp Info : ,MB-19568,VBLK1S,19568,
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\v1clp4h.m
Meth Date : 23-Aug-2005 13:46 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 10:26 Cal File: V1G9631.D ✓
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample (g)
M	0.000	% Moisture (not decanted)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
*	18 Bromochloromethane	128	5.787	5.801	(1.000)	217535	50.0000	
	19 Chloroform	83	5.874	5.888	(1.015)	21168	1.37515	1(a)
$	23 1,2-Dichloroethane-d4	65	6.420	6.433	(1.109)	519284	51.1660	51
*	26 1,4-Difluorobenzene	114	6.916	6.942	(1.000)	1358515	50.0000	
$	33 Toluene-d8	98	8.689	8.703	(0.826)	1496584	50.9136	51
*	42 Chlorobenzene-d5	117	10.525	10.526	(1.000)	1115862	50.0000	
$	50 Bromofluorobenzene	95	11.975	11.989	(1.138)	563937	45.8805	46

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

SB 8/23/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9634.D
Report Date: 23-Aug-2005 13:52

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9634.D
Lab Smp Id: MB-19568 Client Smp ID: VBLK1S
Inj Date : 19-AUG-2005 13:26
Operator : LG Inst ID: V1.i
Smp Info : ,MB-19568,VBLK1S,19568,
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\v1clp4h.m
Meth Date : 23-Aug-2005 13:46 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 10:26 Cal File: V1G9631.D
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9634.D

Date : 19-AUG-2005 13:26

Client ID: VBLK1S

Instrument: V1.i

Sample Info: ,MB-19568,VBLK1S,19568,

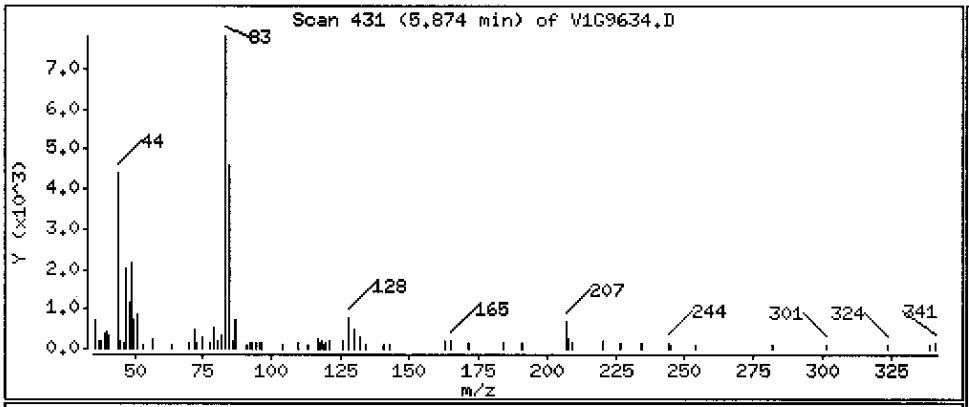
Operator: LG

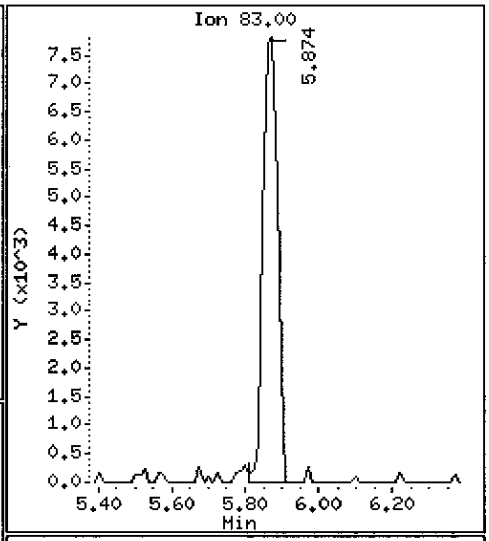
Column phase: DB-624

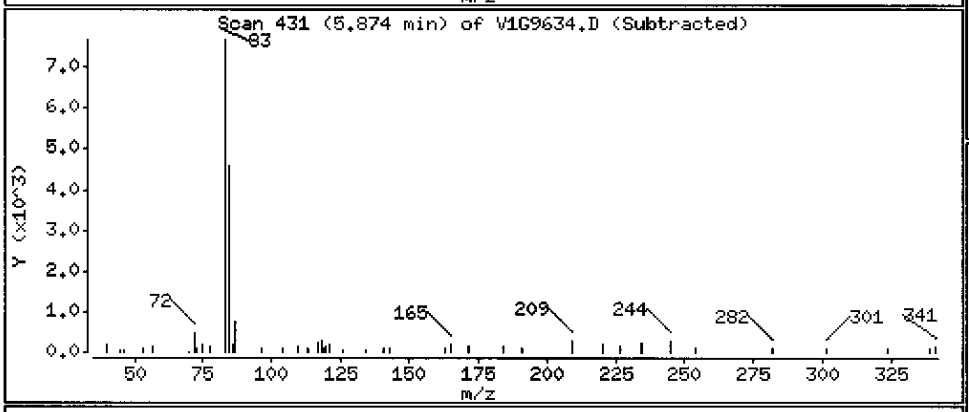
Column diameter: 0.25

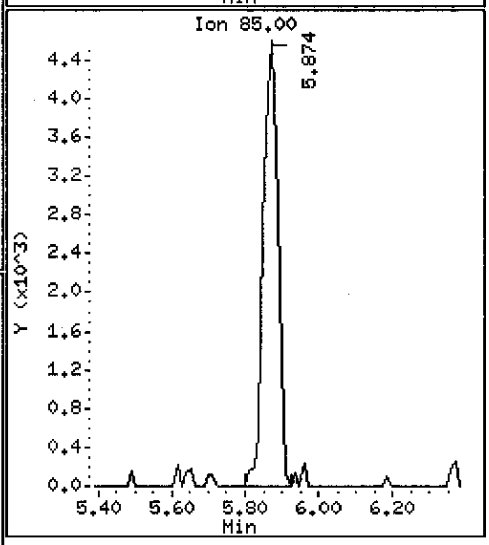
19 Chloroform

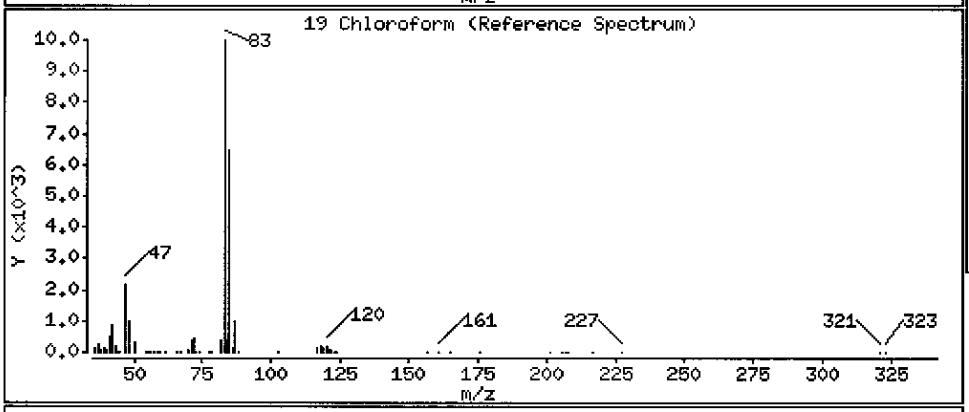
Concentration: 1 ug/Kg

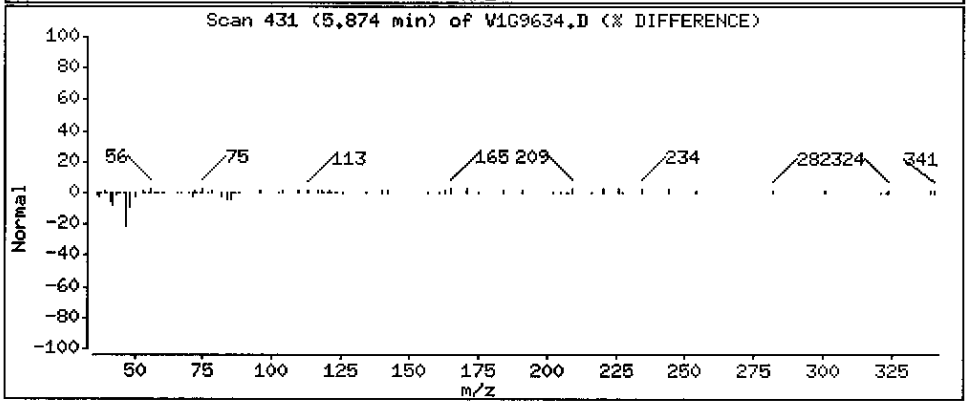












VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19570

Sample wt/vol: 4.0 (g/mL) G Lab File ID: V6D7843

Level: (low/med) MED Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	1300	U
75-01-4	Vinyl Chloride	1300	U
74-83-9	Bromomethane	1300	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	1300	U
75-35-4	1,1-Dichloroethene	1300	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1300	U
67-64-1	Acetone	1300	U
75-15-0	Carbon Disulfide	1300	U
79-20-9	Methyl Acetate	1300	U
75-09-2	Methylene Chloride	1300	U
156-60-5	trans-1,2-Dichloroethene	1300	U
1634-04-4	Methyl tert-Butyl Ether	1300	U
75-34-3	1,1-Dichloroethane	1300	U
156-59-2	cis-1,2-Dichloroethene	1300	U
78-93-3	2-Butanone	1300	U
67-66-3	Chloroform	1300	U
71-55-6	1,1,1-Trichloroethane	1300	U
110-82-7	Cyclohexane	1300	U
56-23-5	Carbon Tetrachloride	1300	U
71-43-2	Benzene	1300	U
107-06-2	1,2-Dichloroethane	1300	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19570

Sample wt/vol: 4.0 (g/mL) G Lab File ID: V6D7843

Level: (low/med) MED Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	1300	U
108-87-2	Methylcyclohexane	1300	U
78-87-5	1,2-Dichloropropane	1300	U
75-27-4	Bromodichloromethane	1300	U
10061-01-5	cis-1,3-Dichloropropene	1300	U
108-10-1	4-Methyl-2-Pentanone	1300	U
108-88-3	Toluene	1300	U
10061-02-6	trans-1,3-Dichloropropene	1300	U
79-00-5	1,1,2-Trichloroethane	1300	U
127-18-4	Tetrachloroethene	1300	U
591-78-6	2-Hexanone	1300	U
124-48-1	Dibromochloromethane	1300	U
106-93-4	1,2-Dibromoethane	1300	U
108-90-7	Chlorobenzene	1300	U
100-41-4	Ethylbenzene	1300	U
1330-20-7	Xylene (Total)	1300	U
100-42-5	Styrene	1300	U
75-25-2	Bromoform	1300	U
98-82-8	Isopropylbenzene	1300	U
79-34-5	1,1,2,2-Tetrachloroethane	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
96-12-8	1,2-Dibromo-3-chloropropane	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

VBLK6R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19570

Sample wt/vol: 4.0 (g/mL) G Lab File ID: V6D7843

Level: (low/med) MED Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
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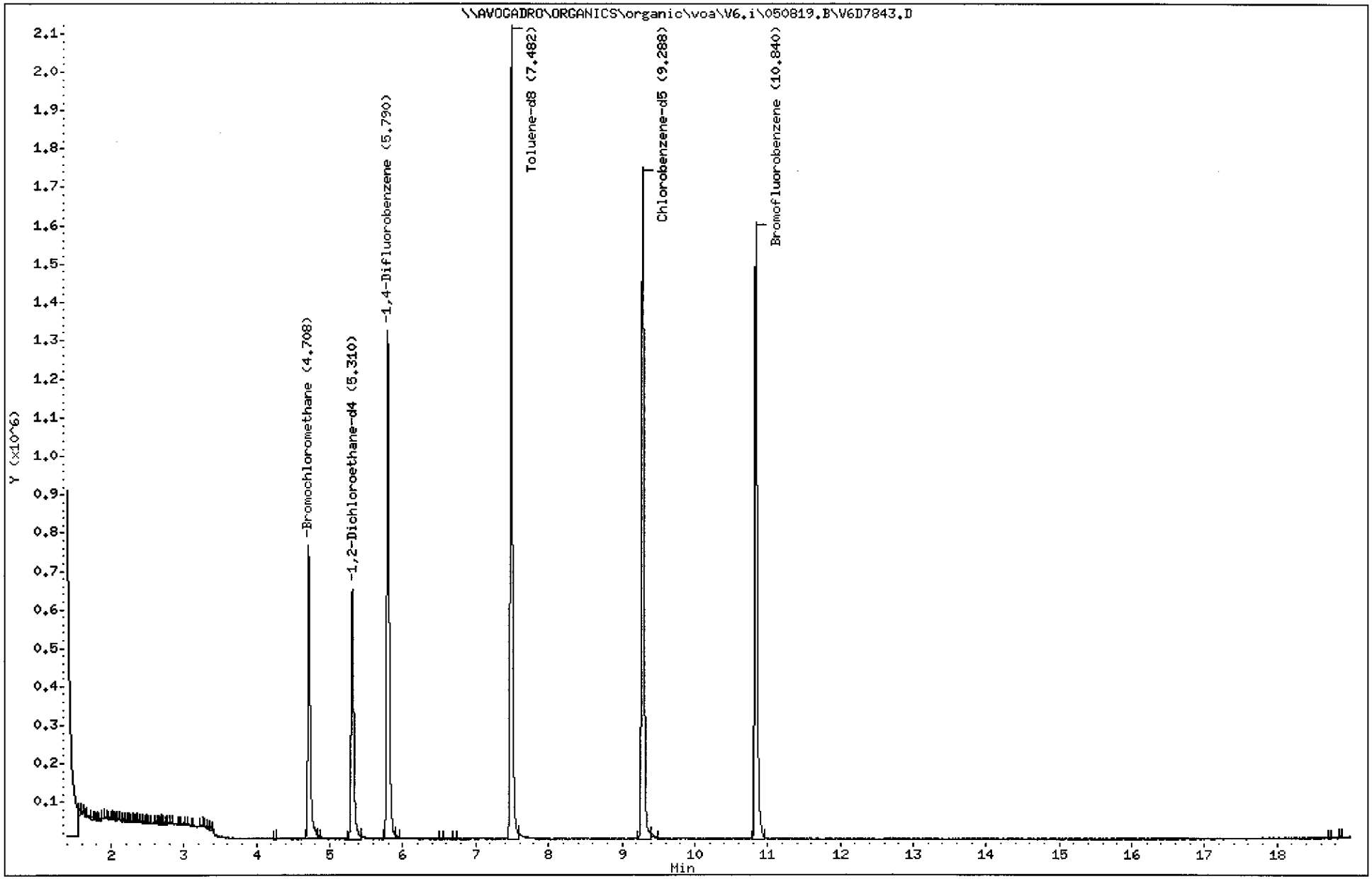
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7843.D
Date : 19-AUG-2005 12:36
Client ID: VBLK6R
Instrument: V6.i
Sample Info: ,MB-19570,VBLK6R,19570
Operator: SB SRC: SB
Column phase: DB-624
Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7843.D
Report Date: 23-Aug-2005 14:49

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7843.D
Lab Smp Id: MB-19570 Client Smp ID: VBLK6R
Inj Date : 19-AUG-2005 12:36
Operator : SB SRC: SB Inst ID: V6.i
Smp Info : ,MB-19570,VBLK6R,19570
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\v6clp4s.m
Meth Date : 23-Aug-2005 14:45 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 11:14 Cal File: V6D7841.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula:
Amt * DF * Uf * ((Vt+(Ws*M *10)) * 5)/(Va * Ws * ((100-M)/100))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	4.000	Weight of sample extracted (g)
M	0.000	% Moisture (not decanted)
Vt	10000.000	Methanol extract volume (uL)
Va	100.000	Aliquot of methanol (uL)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
* 18 Bromochloromethane	128	4.708	4.708	(1.000)	240305	50.0000	
$ 23 1,2-Dichloroethane-d4	65	5.310	5.305	(1.128)	574169	54.9258	6900
* 26 1,4-Difluorobenzene	114	5.790	5.791	(1.000)	1309764	50.0000	
$ 33 Toluene-d8	98	7.482	7.482	(0.805)	1790824	58.2867	7300
* 42 Chlorobenzene-d5	117	9.289	9.289	(1.000)	1292873	50.0000	
$ 50 Bromofluorobenzene	95	10.840	10.841	(1.167)	692401	52.7920	6600

SB 8/23/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7843.D
Report Date: 23-Aug-2005 14:49

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7843.D
Lab Smp Id: MB-19570 Client Smp ID: VBLK6R
Inj Date : 19-AUG-2005 12:36
Operator : SB SRC: SB Inst ID: V6.i
Smp Info : ,MB-19570,VBLK6R,19570
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\v6clp4s.m
Meth Date : 23-Aug-2005 14:45 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 11:14 Cal File: V6D7841.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK1S

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: VHBLK1S

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9649

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: not dec. _____ Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	2	JB
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK1S

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: VHBLK1S

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9649

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: not dec. _____ Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

EPA SAMPLE NO.

VHBLK1S

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: VHBLK1S

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9649

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: not dec. _____ Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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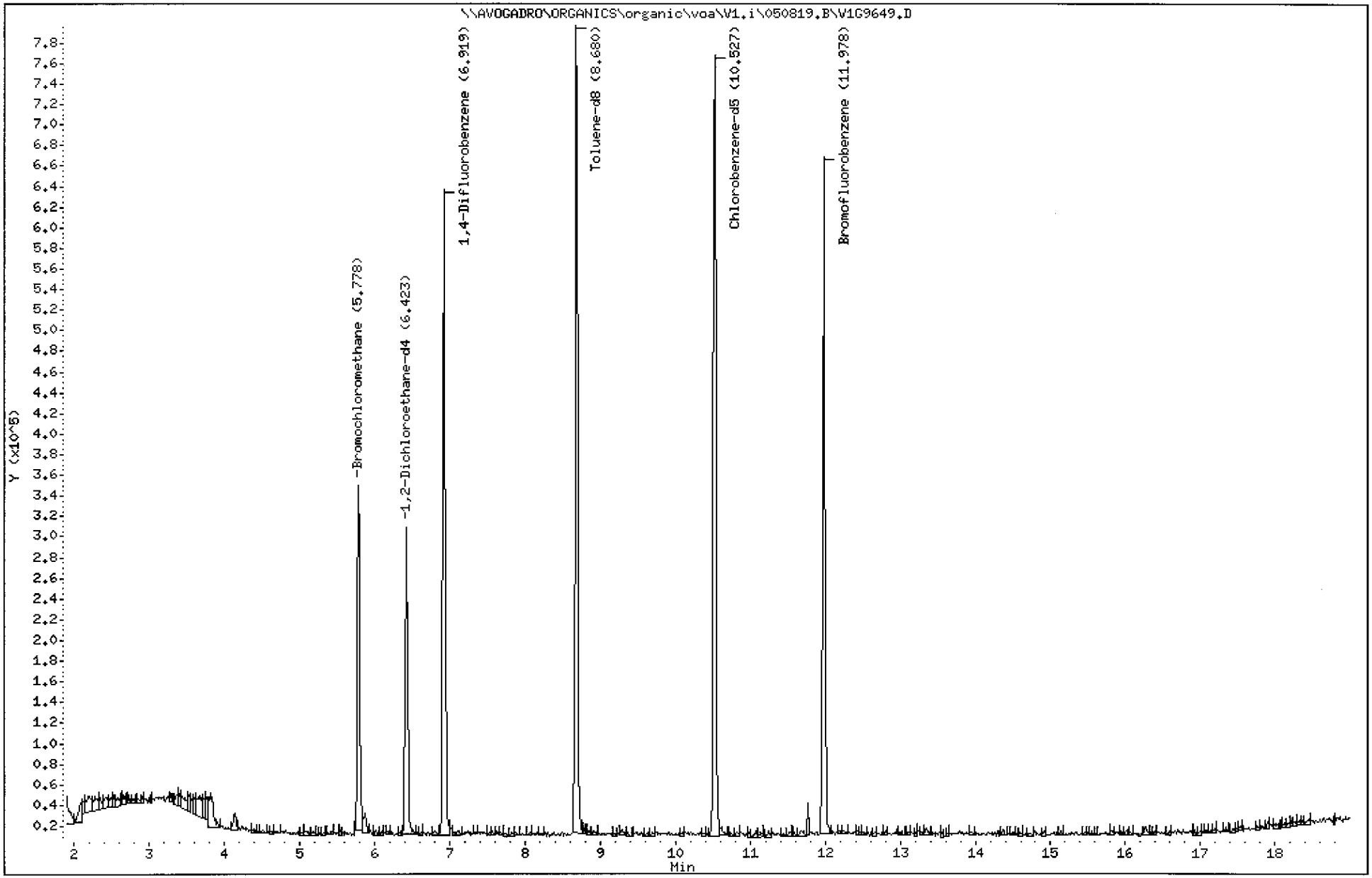
Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9649.D
Date : 19-AUG-2005 20:48
Client ID: VHBLK1S
Sample Info: ,VHBLK1S,VHBLK1S,

Instrument: V1.i

Operator: LG SRC: LG
Column diameter: 0.25

Column phase: DB-624



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9649.D
Report Date: 23-Aug-2005 14:30

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9649.D
Lab Smp Id: VHBLK1S Client Smp ID: VHBLK1S
Inj Date : 19-AUG-2005 20:48
Operator : LG SRC: LG Inst ID: V1.i
Smp Info : ,VHBLK1S,VHBLK1S,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\v1clp4h.m
Meth Date : 23-Aug-2005 13:46 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 10:26 Cal File: V1G9631.D
Als bottle: 19 QC Sample: STORAGEBLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample (g)
M	0.000	% Moisture (not decanted)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
*	18 Bromochloromethane	128	5.778	5.801	(1.000)	97027	50.0000	
	19 Chloroform	83	5.877	5.888	(1.017)	14443	2.10361	2(a)
$	23 1,2-Dichloroethane-d4	65	6.423	6.433	(1.112)	274395	60.6162	61
*	26 1,4-Difluorobenzene	114	6.919	6.942	(1.000)	539880	50.0000	
$	33 Toluene-d8	98	8.680	8.703	(0.824)	585640	47.7809	48
*	42 Chlorobenzene-d5	117	10.527	10.526	(1.000)	465286	50.0000	
$	50 Bromofluorobenzene	95	11.978	11.989	(1.138)	250428	48.8619	49

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

SB 8/23/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9649.D
Report Date: 23-Aug-2005 14:30

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9649.D
Lab Smp Id: VHBLK1S Client Smp ID: VHBLK1S
Inj Date : 19-AUG-2005 20:48
Operator : LG SRC: LG Inst ID: V1.i
Smp Info : ,VHBLK1S,VHBLK1S,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\v1clp4h.m
Meth Date : 23-Aug-2005 13:46 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 10:26 Cal File: V1G9631.D
Als bottle: 19 QC Sample: STORAGEBLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050819.B\V1G9649.D

Date : 19-AUG-2005 20:48

Client ID: VHBLK1S

Instrument: V1.i

Sample Info: ,VHBLK1S,VHBLK1S,

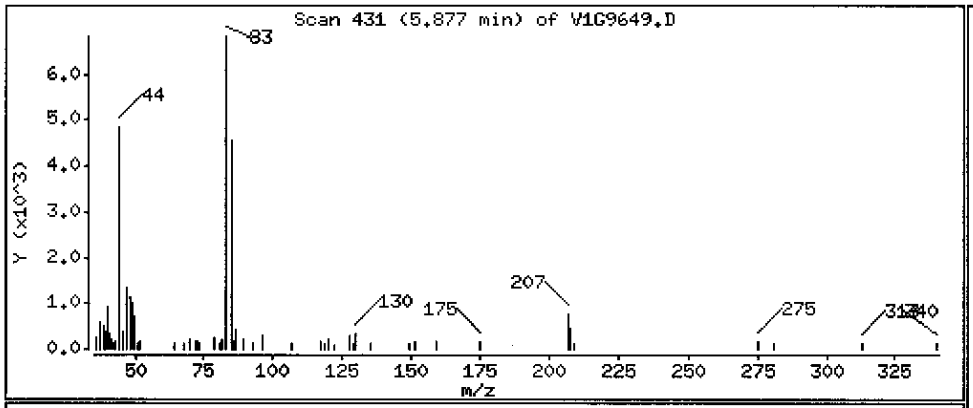
Operator: LG SRC: LG

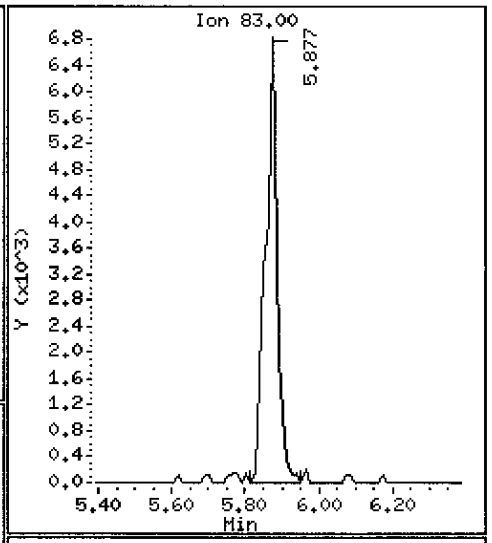
Column phase: DB-624

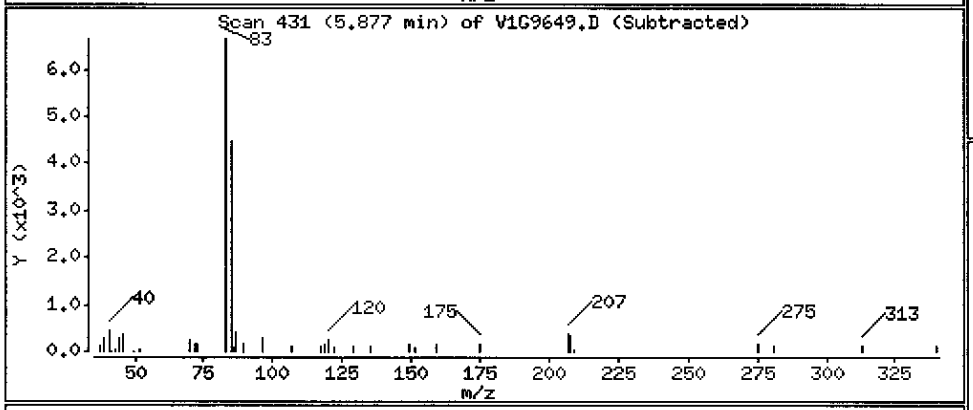
Column diameter: 0.25

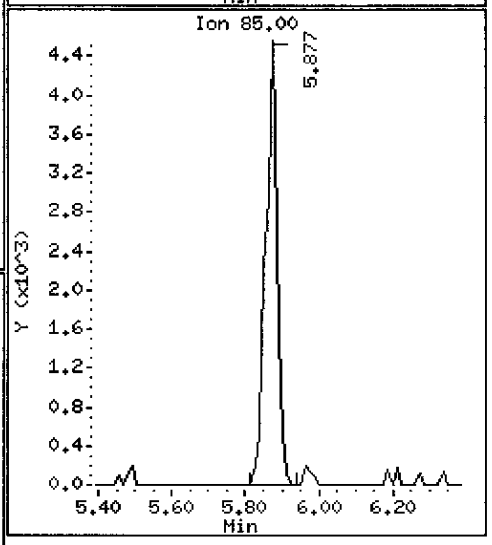
19 Chloroform

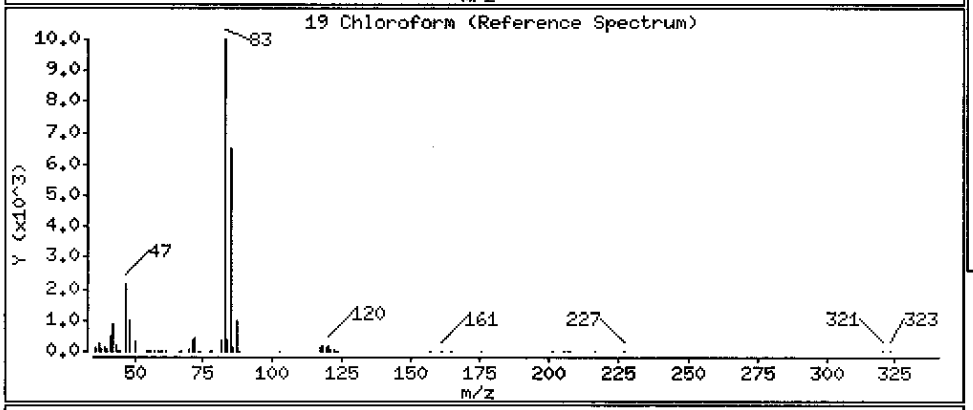
Concentration: 2 ug/Kg

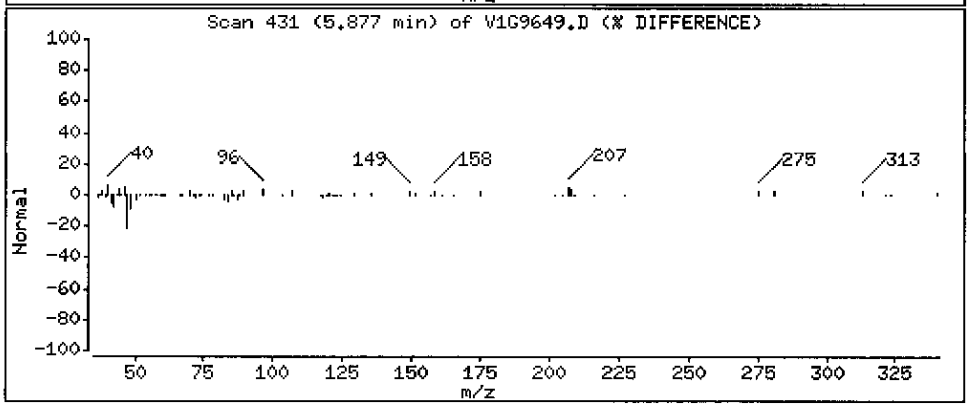












VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1RLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: LCS-19555

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9593

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	45	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	45	
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1RLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: LCS-19555

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1G9593

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

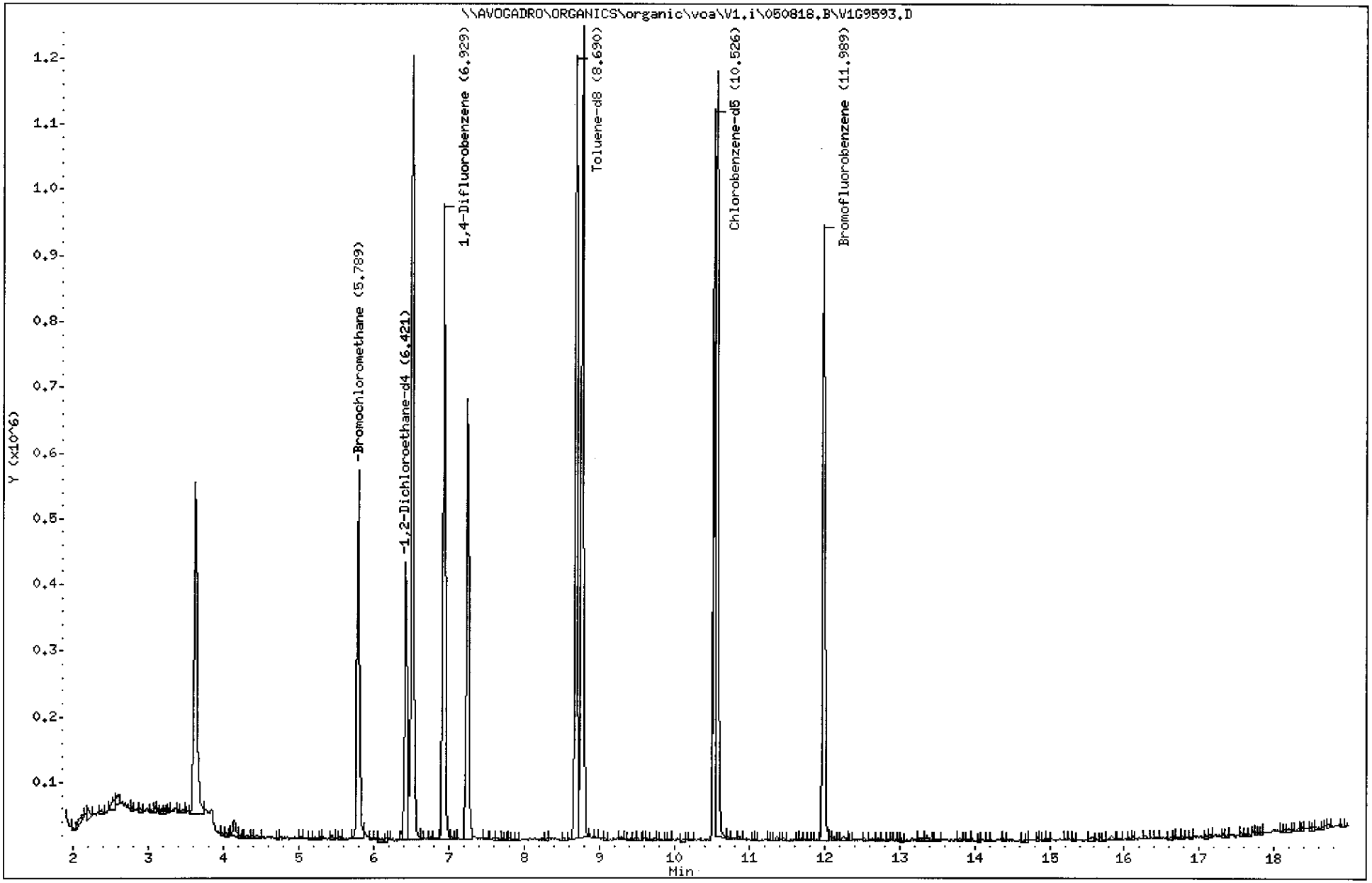
Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	43	
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	45	
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	47	
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9593.D
Date : 18-AUG-2005 13:21
Client ID: V1RLCS
Sample Info: ,LCS-19555,V1RLCS,19555,

Instrument: V1.i

Operator: LG
Column phase: DB-624
Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9593.D
Report Date: 22-Aug-2005 14:02

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9593.D
Lab Smp Id: LCS-19555 Client Smp ID: V1RLCS
Inj Date : 18-AUG-2005 13:21
Operator : LG Inst ID: V1.i
Smp Info : ,LCS-19555,V1RLCS,19555,
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D
Als bottle: 3 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample (g)
M	0.000	% Moisture (not decanted)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 1,1-Dichloroethene	96	3.618	3.618	(0.625)	293237	45.3665	45
*	18 Bromochloromethane	128	5.789	5.788	(1.000)	150842	50.0000	
$	23 1,2-Dichloroethane-d4	65	6.421	6.420	(1.109)	375083	48.8865	49
	25 Benzene	78	6.508	6.507	(0.939)	1150365	44.7755	45
*	26 1,4-Difluorobenzene	114	6.930	6.929	(1.000)	845661	50.0000	
	27 Trichloroethene	130	7.239	7.239	(1.045)	255029	43.4760	43
$	33 Toluene-d8	98	8.690	8.690	(0.826)	858141	47.2621	47
	34 Toluene	91	8.777	8.777	(0.834)	1011112	44.8524	45
*	42 Chlorobenzene-d5	117	10.526	10.525	(1.000)	652857	50.0000	
	43 Chlorobenzene	112	10.563	10.562	(1.004)	628677	47.4240	47
$	50 Bromofluorobenzene	95	11.989	11.988	(1.139)	342909	46.9330	47

SB 8/22/05

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6RLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: LCS-19570

Sample wt/vol: 4.0 (g/mL) G Lab File ID: V6D7845

Level: (low/med) MED Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	1300	U
75-01-4	Vinyl Chloride	1300	U
74-83-9	Bromomethane	1300	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	1300	U
75-35-4	1,1-Dichloroethene	5000	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1300	U
67-64-1	Acetone	1300	U
75-15-0	Carbon Disulfide	1300	U
79-20-9	Methyl Acetate	1300	U
75-09-2	Methylene Chloride	1300	U
156-60-5	trans-1,2-Dichloroethene	1300	U
1634-04-4	Methyl tert-Butyl Ether	1300	U
75-34-3	1,1-Dichloroethane	1300	U
156-59-2	cis-1,2-Dichloroethene	1300	U
78-93-3	2-Butanone	1300	U
67-66-3	Chloroform	1300	U
71-55-6	1,1,1-Trichloroethane	1300	U
110-82-7	Cyclohexane	1300	U
56-23-5	Carbon Tetrachloride	1300	U
71-43-2	Benzene	6100	
107-06-2	1,2-Dichloroethane	1300	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6RLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: LCS-19570

Sample wt/vol: 4.0 (g/mL) G Lab File ID: V6D7845

Level: (low/med) MED Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/19/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

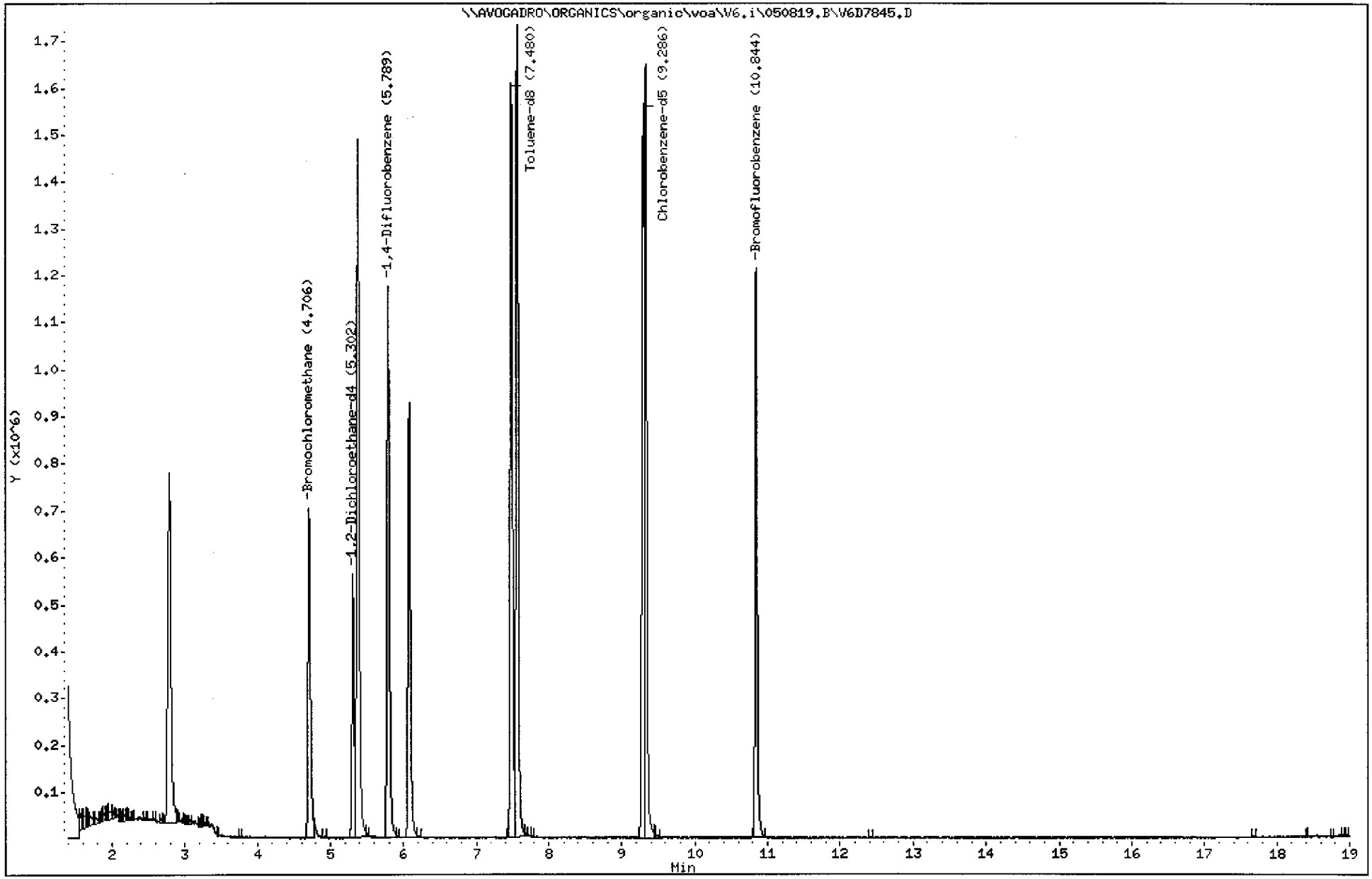
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	5800	
108-87-2	Methylcyclohexane	1300	U
78-87-5	1,2-Dichloropropane	1300	U
75-27-4	Bromodichloromethane	1300	U
10061-01-5	cis-1,3-Dichloropropene	1300	U
108-10-1	4-Methyl-2-Pentanone	1300	U
108-88-3	Toluene	6400	
10061-02-6	trans-1,3-Dichloropropene	1300	U
79-00-5	1,1,2-Trichloroethane	1300	U
127-18-4	Tetrachloroethene	1300	U
591-78-6	2-Hexanone	1300	U
124-48-1	Dibromochloromethane	1300	U
106-93-4	1,2-Dibromoethane	1300	U
108-90-7	Chlorobenzene	6400	
100-41-4	Ethylbenzene	1300	U
1330-20-7	Xylene (Total)	1300	U
100-42-5	Styrene	1300	U
75-25-2	Bromoform	1300	U
98-82-8	Isopropylbenzene	1300	U
79-34-5	1,1,2,2-Tetrachloroethane	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
96-12-8	1,2-Dibromo-3-chloropropane	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7845.D
Date : 19-AUG-2005 14:25
Client ID: V6RLCS
Sample Info: ,LCS-19570,V6RLCS,19570

Instrument: V6.i

Operator: SB SRC: SB
Column diameter: 0.25

Column phase: DB-624



0445

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7845.D
Report Date: 23-Aug-2005 14:49

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\V6D7845.D
Lab Smp Id: LCS-19570 Client Smp ID: V6RLCS
Inj Date : 19-AUG-2005 14:25
Operator : SB SRC: SB Inst ID: V6.i
Smp Info : ,LCS-19570,V6RLCS,19570
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050819.B\v6clp4s.m
Meth Date : 23-Aug-2005 14:45 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 11:14 Cal File: V6D7841.D
Als bottle: 5 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula:
Amt * DF * Uf * ((Vt+(Ws*M *10)) * 5)/(Va * Ws * ((100-M)/100))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	4.000	Weight of sample extracted (g)
M	0.000	% Moisture (not decanted)
Vt	10000.000	Methanol extract volume (uL)
Va	100.000	Aliquot of methanol (uL)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 1,1-Dichloroethene	96	2.789	2.798	(0.593)	492587	39.8437	5000
*	18 Bromochloromethane	128	4.706	4.708	(1.000)	216084	50.0000	
$	23 1,2-Dichloroethane-d4	65	5.302	5.305	(1.127)	489632	52.0890	6500
	25 Benzene	78	5.375	5.378	(0.929)	1568037	49.1459	6100
*	26 1,4-Difluorobenzene	114	5.789	5.791	(1.000)	1156805	50.0000	
	27 Trichloroethene	130	6.080	6.083	(1.050)	359287	46.4609	5800
$	33 Toluene-d8	98	7.480	7.482	(0.805)	1340428	51.4672	6400
	34 Toluene	91	7.559	7.561	(0.814)	1619932	51.4190	6400
*	42 Chlorobenzene-d5	117	9.287	9.289	(1.000)	1095936	50.0000	
	43 Chlorobenzene	112	9.323	9.320	(1.004)	1100281	50.9226	6400
$	50 Bromofluorobenzene	95	10.838	10.841	(1.167)	518488	46.6358	5800

SB 8/23/05

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MMS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07CMS

Sample wt/vol: 6.3 (g/mL) G Lab File ID: V1G9596

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 47 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	15	U
74-87-3	Chloromethane	15	U
75-01-4	Vinyl Chloride	15	U
74-83-9	Bromomethane	15	U
75-00-3	Chloroethane	15	U
75-69-4	Trichlorofluoromethane	15	U
75-35-4	1,1-Dichloroethene	69	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	15	U
67-64-1	Acetone	60	
75-15-0	Carbon Disulfide	15	U
79-20-9	Methyl Acetate	15	U
75-09-2	Methylene Chloride	62	
156-60-5	trans-1,2-Dichloroethene	15	U
1634-04-4	Methyl tert-Butyl Ether	15	U
75-34-3	1,1-Dichloroethane	15	U
156-59-2	cis-1,2-Dichloroethene	15	U
78-93-3	2-Butanone	19	
67-66-3	Chloroform	15	U
71-55-6	1,1,1-Trichloroethane	15	U
110-82-7	Cyclohexane	15	U
56-23-5	Carbon Tetrachloride	15	U
71-43-2	Benzene	69	
107-06-2	1,2-Dichloroethane	15	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MMS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07CMS

Sample wt/vol: 6.3 (g/mL) G Lab File ID: V1G9596

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 47 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

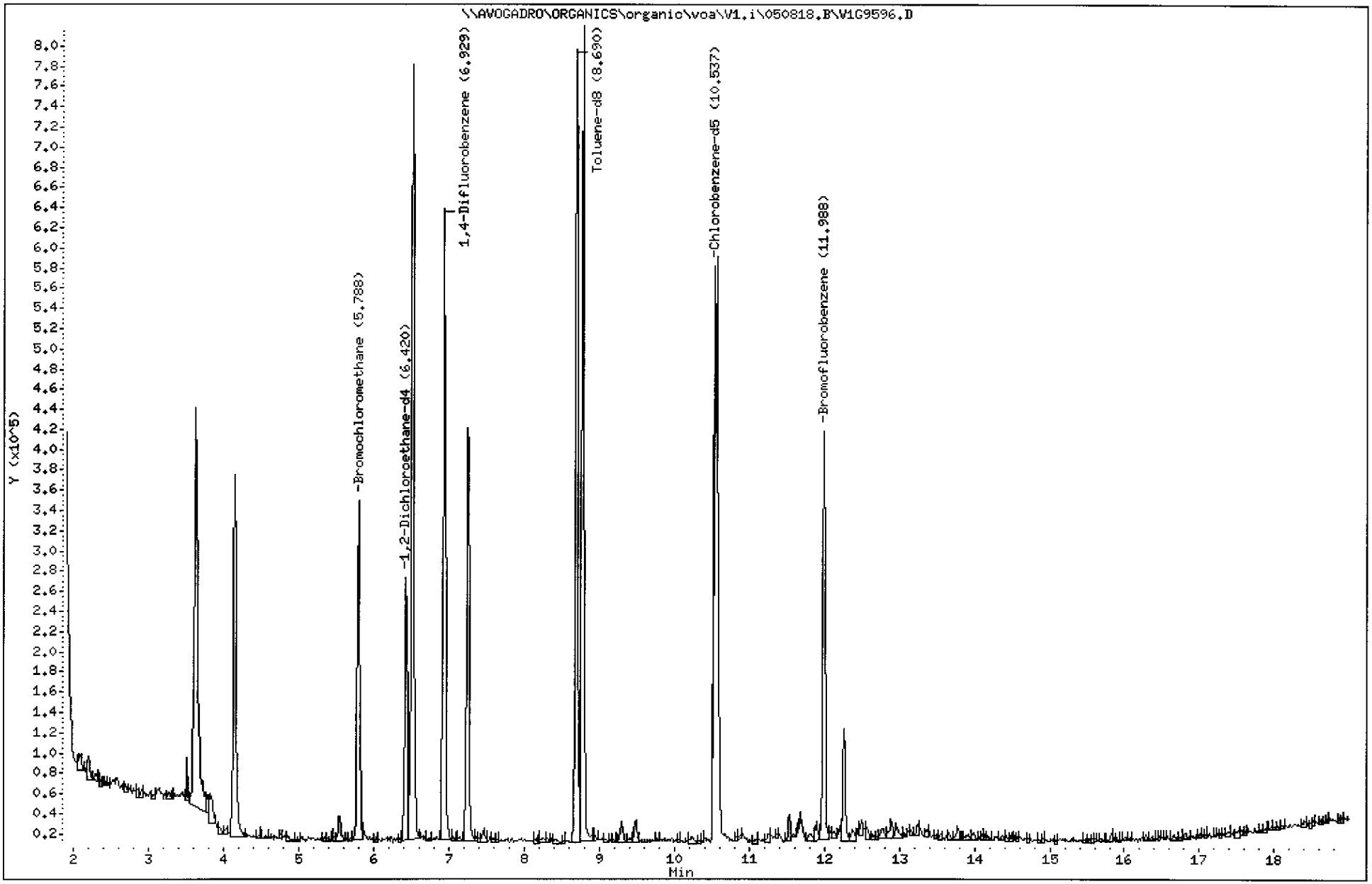
Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	65	
108-87-2	Methylcyclohexane	15	U
78-87-5	1,2-Dichloropropane	15	U
75-27-4	Bromodichloromethane	15	U
10061-01-5	cis-1,3-Dichloropropene	15	U
108-10-1	4-Methyl-2-Pentanone	15	U
108-88-3	Toluene	78	
10061-02-6	trans-1,3-Dichloropropene	15	U
79-00-5	1,1,2-Trichloroethane	15	U
127-18-4	Tetrachloroethene	4	J
591-78-6	2-Hexanone	15	U
124-48-1	Dibromochloromethane	15	U
106-93-4	1,2-Dibromoethane	15	U
108-90-7	Chlorobenzene	67	
100-41-4	Ethylbenzene	15	U
1330-20-7	Xylene (Total)	15	U
100-42-5	Styrene	15	U
75-25-2	Bromoform	15	U
98-82-8	Isopropylbenzene	15	U
79-34-5	1,1,2,2-Tetrachloroethane	15	U
541-73-1	1,3-Dichlorobenzene	15	U
106-46-7	1,4-Dichlorobenzene	15	U
95-50-1	1,2-Dichlorobenzene	15	U
96-12-8	1,2-Dibromo-3-chloropropane	15	U
120-82-1	1,2,4-Trichlorobenzene	15	U

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9596.D
Date : 18-AUG-2005 14:46
Client ID: SD07-S-MMS
Sample Info: ,D0926-07CMS,,19555,

Instrument: V1.i

Operator: LG SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9596.D
Report Date: 22-Aug-2005 14:03

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9596.D
Lab Smp Id: D0926-07CMS Client Smp ID: SD07-S-MMS
Inj Date : 18-AUG-2005 14:46
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-07CMS,,19555,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D
Als bottle: 6 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	6.300	Weight of sample (g)
M	47.000	% Moisture (not decanted)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	7 1,1-Dichloroethene	96	3.618	3.618	(0.625)	201474	46.2368	69
	9 Acetone	43	3.655	3.667	(0.631)	123393	39.8991	60
	12 Methylene Chloride	84	4.139	4.139	(0.715)	185439	41.4671	62
	16 2-Butanone	43	5.540	5.527	(0.957)	43404	12.4448	19
*	18 Bromochloromethane	128	5.788	5.788	(1.000)	101688	50.0000	
$	23 1,2-Dichloroethane-d4	65	6.420	6.420	(1.109)	235087	45.4510	68
	25 Benzene	78	6.507	6.507	(0.939)	781698	45.9332	69
*	26 1,4-Difluorobenzene	114	6.929	6.929	(1.000)	560161	50.0000	
	27 Trichloroethene	130	7.251	7.239	(1.047)	169726	43.6809	65
$	33 Toluene-d8	98	8.690	8.690	(0.825)	578196	58.8005	88
	34 Toluene	91	8.777	8.777	(0.833)	633499	51.8900	78
	37 Tetrachloroethene	164	9.483	9.483	(0.900)	5999	2.42293	4(a)
*	42 Chlorobenzene-d5	117	10.537	10.525	(1.000)	353563	50.0000	
	43 Chlorobenzene	112	10.562	10.562	(1.002)	320323	44.6179	67
$	50 Bromofluorobenzene	95	11.988	11.988	(1.138)	148654	37.5688	56

SB 8/22/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9596.D
Report Date: 22-Aug-2005 14:03

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07CMSD

Sample wt/vol: 5.9 (g/mL) G Lab File ID: V1G9597

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 47 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	16	U
74-87-3	Chloromethane	16	U
75-01-4	Vinyl Chloride	16	U
74-83-9	Bromomethane	16	U
75-00-3	Chloroethane	16	U
75-69-4	Trichlorofluoromethane	16	U
75-35-4	1,1-Dichloroethene	79	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	16	U
67-64-1	Acetone	54	
75-15-0	Carbon Disulfide	16	U
79-20-9	Methyl Acetate	16	U
75-09-2	Methylene Chloride	66	
156-60-5	trans-1,2-Dichloroethene	16	U
1634-04-4	Methyl tert-Butyl Ether	16	U
75-34-3	1,1-Dichloroethane	16	U
156-59-2	cis-1,2-Dichloroethene	16	U
78-93-3	2-Butanone	17	
67-66-3	Chloroform	16	U
71-55-6	1,1,1-Trichloroethane	16	U
110-82-7	Cyclohexane	16	U
56-23-5	Carbon Tetrachloride	16	U
71-43-2	Benzene	73	
107-06-2	1,2-Dichloroethane	16	U

EPA SAMPLE NO.

SD07-S-MMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07CMSD

Sample wt/vol: 5.9 (g/mL) G Lab File ID: V1G9597

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: not dec. 47 Date Analyzed: 08/18/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

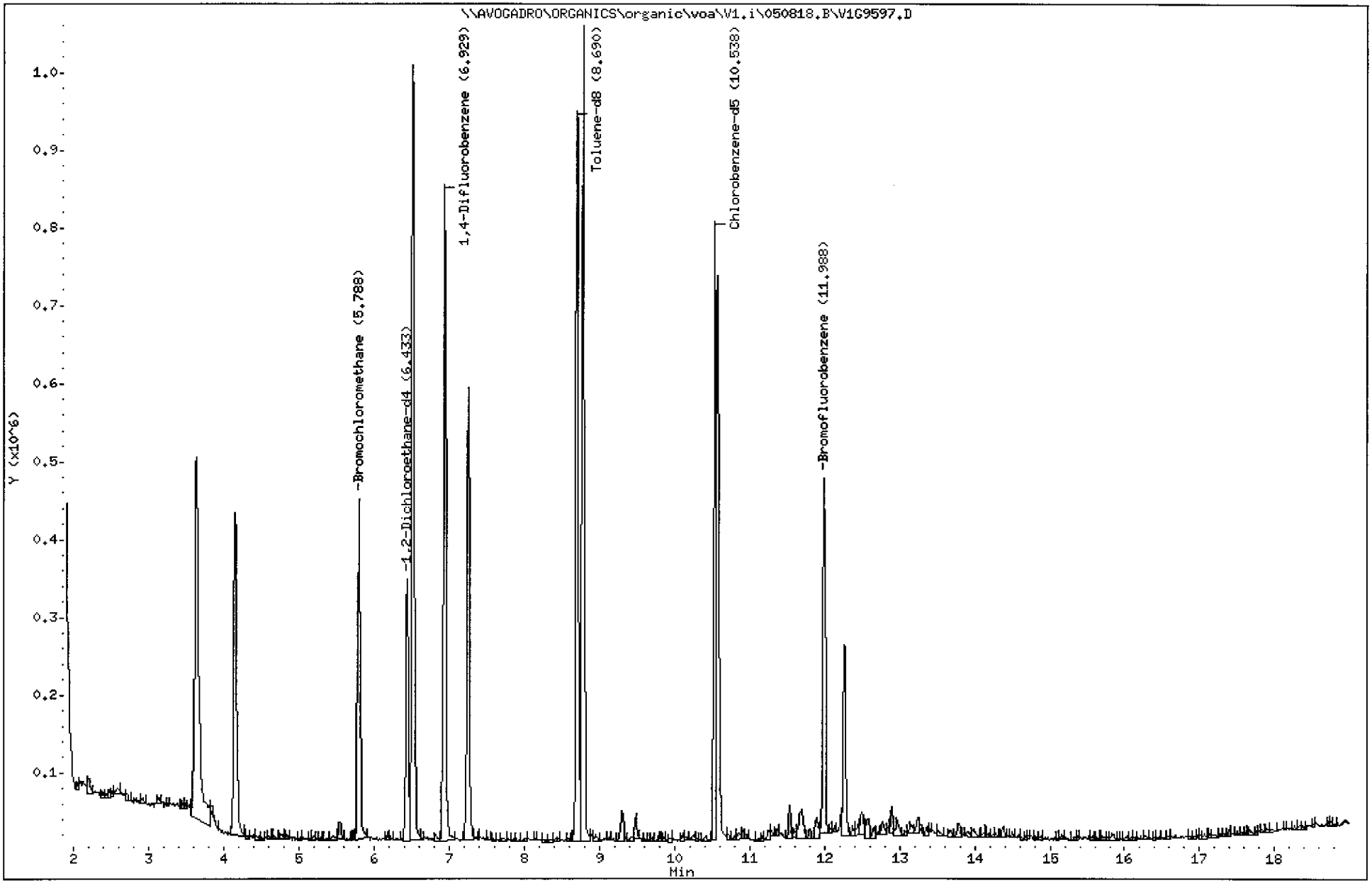
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	67	
108-87-2	Methylcyclohexane	16	U
78-87-5	1,2-Dichloropropane	16	U
75-27-4	Bromodichloromethane	16	U
10061-01-5	cis-1,3-Dichloropropene	16	U
108-10-1	4-Methyl-2-Pentanone	16	U
108-88-3	Toluene	86	
10061-02-6	trans-1,3-Dichloropropene	16	U
79-00-5	1,1,2-Trichloroethane	16	U
127-18-4	Tetrachloroethene	5	J
591-78-6	2-Hexanone	16	U
124-48-1	Dibromochloromethane	16	U
106-93-4	1,2-Dibromoethane	16	U
108-90-7	Chlorobenzene	72	
100-41-4	Ethylbenzene	16	U
1330-20-7	Xylene (Total)	16	U
100-42-5	Styrene	16	U
75-25-2	Bromoform	16	U
98-82-8	Isopropylbenzene	16	U
79-34-5	1,1,2,2-Tetrachloroethane	16	U
541-73-1	1,3-Dichlorobenzene	16	U
106-46-7	1,4-Dichlorobenzene	16	U
95-50-1	1,2-Dichlorobenzene	16	U
96-12-8	1,2-Dibromo-3-chloropropane	16	U
120-82-1	1,2,4-Trichlorobenzene	16	U

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9597.D
Date : 18-AUG-2005 15:13
Client ID: SD07-S-MMSD
Sample Info: ,D0926-07CMSD,,19555,

Instrument: V1.i

Operator: LG SRC: LIMS
Column diameter: 0.25

Column phase: DB-624



Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9597.D
Report Date: 22-Aug-2005 14:03

Mitkem Corporation

CLP OLM 3/4.X / ASP 95-1 Low Soil - Heated Purge

Data file : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9597.D
Lab Smp Id: D0926-07CMSD Client Smp ID: SD07-S-MMSD
Inj Date : 18-AUG-2005 15:13
Operator : LG SRC: LIMS Inst ID: V1.i
Smp Info : ,D0926-07CMSD,,19555,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\v1clp4h.m
Meth Date : 22-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 18-AUG-2005 12:01 Cal File: V1G9591.D
Als bottle: 7 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.900	Weight of sample (g)
M	47.000	% Moisture (not decanted)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 1,1-Dichloroethene	96	3.630	3.618	(0.626)	279785	49.2506	79
	9 Acetone	43	3.668	3.667	(0.632)	135210	33.5351	54
	12 Methylene Chloride	84	4.139	4.139	(0.714)	242033	41.5140	66
	16 2-Butanone	43	5.540	5.527	(0.955)	49367	10.8571	17
*	18 Bromochloromethane	128	5.800	5.788	(1.000)	132572	50.0000	
$	23 1,2-Dichloroethane-d4	65	6.433	6.420	(1.109)	295503	43.8222	70
	25 Benzene	78	6.507	6.507	(0.939)	1051542	45.3512	73
*	26 1,4-Difluorobenzene	114	6.929	6.929	(1.000)	763200	50.0000	
	27 Trichloroethene	130	7.251	7.239	(1.047)	223024	42.1278	67
$	33 Toluene-d8	98	8.702	8.690	(0.826)	740128	57.8903	93
	34 Toluene	91	8.777	8.777	(0.833)	854031	53.8028	86
	37 Tetrachloroethene	164	9.483	9.483	(0.900)	10621	3.29929	5(a)
*	42 Chlorobenzene-d5	117	10.538	10.525	(1.000)	459699	50.0000	
	43 Chlorobenzene	112	10.575	10.562	(1.004)	419012	44.8891	72
$	50 Bromofluorobenzene	95	11.988	11.988	(1.138)	177595	34.5203	55

SB
8/22/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V1.i\050818.B\V1G9597.D
Report Date: 22-Aug-2005 14:03

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

MITKEM CORPORATION: VOLATILES RECEIVING LOGBOOK

VOA Log-In Date	Workorder	Client	Sample Numbers	Relinquished By	Comments
8/9/05	D0925	E+E	01-04	SB	R10
8/9/05	D0926	E+E	01-03 (ON HOLD)	SB	DI H2O – F10 MeOH – R10
8/10/05	D0923	ENSAFE	08-20	JH	25ml purge R-10
8/10/05	D0930	ENSAFE	01	JH	25 ml Purge R-10
8/10/05	D0931	DAY	01-03	JH	R-10
8/10/05	D0932	EA ENGINEERING	01	JH	3 DAY TAT R-10
8/10/05	D0925	E+E	05-11	JH	R-10
8/10/05	D0926	E+E	01-09	JH	DI H2O Freeze F-10 R-10
8/10/05	~~D0927~~ D0927	CH2MHill	01-02	JH	SOIL R-10
8/10/05	D0905	RIRRC	08-14	SB	R10
8-11-05	D0934	URS	01	~~JC~~ 8-11-05 JC	R4
|	D0930	Ensafe	02-17	JC	R10
|	D0936	URS	01-05	JC	R4
|	D0925	E+E	12-17	JC	R10
8-11-05	D0926	E+E	10-14	JC	~~F10~~ F4 JC 8-11-05
8-11-05	D0937		01-19	JC	R4
↓	D0940	RI DEM	01	SB	R4 AIR BAG
8/11/05	D0905	RIRRC	15-20	SB	R10
8/12/05	D0943	D+B	01,02	SB	R4 48 Hr TAT
8/12/05	D0944	Ensafe	01-15	SB	R10

Logbook ID 90.0191-04/05

Reviewed By: SB 8/24/05

MITKEM CORPORATION: Volatile Organics Low/Medium Level Soil Extraction Log

Date	Lab ID	Analysis	Initial Wt. (g)	Final Wt. (g)	Sample Wt. (g)	Extraction Volume (mL)	Sample Type	Solvent / Lot. #	Comments	Analyst
8/17/05	D0937-07 B	8260	35,01	39,04	4,9	5mL	C			LG
	09 B		34,73	39,86	5,1					
	12 D		35,05	39,99	4,9					
	14 B		34,94	40,08	5,1					
	15 B		34,58	39,51	4,9					
	17 B		35,09	40,13	5,0					
8/17/05	D0937-19 A	8260	34,89	34,87	0	5mL	C		TB	LG
8/18/05	D0926-01E	OLM	33,80	39,29	5,5		B			
	02E		33,05	38,68	5,6					
	03E		33,29	38,55	5,3					
	04C		33,19	38,20	5,0					
	05C		33,65	38,83	5,2					
	06C		33,12	39,52	6,4					
	07C		33,40	39,96	6,6				1of4	
	07CMS		33,60	39,89	6,3				2of4	
8/18/05	D0926-07CMSD	OLM	33,32	39,21	5,9	5mL	B		3of4	LG

Sample Type: A. MeOH Pre-preserved; B. DI H2O/Freeze; C. NaHSO4 Pre-preserved; D. Encore; E. Unpreserved Jars

Logbook ID: 90.0189-06/05

Reviewed By: (SB) 8/24/05

0458

MITKEM CORPORATION: Volatile Organics Low/Medium Level Soil Extraction Log

Date	Lab ID		Analysis	Initial Wt. (g)	Final Wt. (g)	Sample Wt. (g)	Extraction Volume (mL)	Sample Type	Solvent / Lot. #	Comments	Analyst
8/18/05	D0926-	08C	OLM	33,69	38,67	5,0	5mL	B			LG
		09C		33,61	39,20	5,16					
		10C		33,45	39,37	6,5					
		11C		33,33	38,14	4,8					
		12C		33,22	39,59	6,4					
		13C		33,61	39,06	5,5					
8/18/05	D0926-	14C	OLM	33,56	39,45	5,9	5mL	B			LG
~~8/18/05~~	~~D0921~~	~~02C~~	~~8260~~	~~n/a~~	~~n/a~~	~~5.0~~	~~5ml~~	~~E~~	~~MeOH/045850~~	LG 8/18/05	~~LG~~
8/19/05	D0926	04C	OLM	33,00 ~~33,80~~ LG 8/19/05	38,50	5,5	5mL	B			LG
		05C		LG 8/19/05 ~~33,67~~ 33,77	39,01	5,2					
		06C		33,27	39,96	6,7					
		08C		33,29	40,24	7,0					
		10C		33,76	38,46	4,7					
		12C		33,67	39,60	5,9					
		14C		33,80	40,02	6,2	5mL	B			
8/19/05	D0926-	02F	OLM	34,98	38,97	4,0	10 mL	A			LG

Sample Type: A. MeOH Pre-preserved; B. DI H2O/Freeze; C. NaHSO4 Pre-preserved; D. Encore; E. Unpreserved Jars

Logbook ID: 90.0189-06/05

Reviewed By: 8/24/05 (SB)

0459

MITKEM CORPORATION: Volatile Organics Low/Medium Level Soil Extraction Log

Date	Lab ID		Analysis	Initial Wt. (g)	Final Wt. (g)	Sample Wt. (g)	Extraction Volume (mL)	Sample Type	Solvent / Lot. #	Comments	Analyst
8/13/05	D0326-	03F	OLM	34,88	39,38	4,5 ✓	10 mL	A			LG
		08D		34,75	39,83	5,1					
		11D		34,89	38,69	3,8					
8/13/05	D0326-	13D	OLM	34,67	38,77	4,1	10 mL	A			LG
8/13/05	D0348-	02C	OLM	33,98	40,41	6,4	5mL	B			
	D0365-	01A		33,00	33,86	0,8				TD	
		03B		33,09	41,75	8,7					
		04B		32,80	39,28	6,5				1of4	
		05B		33,61	42,91	9,3					
		06B		33,28	39,42	6,1					
8/13/05	D0365-	07B	OLM	33,04	39,89	6,9	5mL	B			LG
		04BMS		32,99	38,75	5,8				2of4	
8/13/05	D0365-	04BMSD	OLM	33,32	40,62	7,3	5mL	B		3of4	LG

Sample Type: A. MeOH Pre-preserved; B. DI H2O/Freeze; C. NaHSO4 Pre-preserved; D. Encore; E. Unpreserved Jars

Logbook ID: 90.0189-06/05

Reviewed By: SB 8/24/05

0460

Instrument V 1
Injection Log

Mitkem Corporation
Volatiles Laboratory

METHOD: ~~V1CLP S~~ V1CLPH CAL ID: VW050812C (ST) ANALYST: LG
LG 8/18/05

INITIAL CAL: 8/18/05 IS/SS ID: ~~VW050812A (IS)~~ DATE: 8/18/05
~~VW050812B (SS)~~ LG 8/18/05

COMMENTS: VW050817C (IS) DATE PRINTED:
VW050817D (SS) DATE LOADED:

AS #	FILE	MITKEM ID	CLIENT ID	SAMPLE SIZE	DIL	COMMENTS	IS	SS	pH

Injection Log

Directory: o:\organic\voa\V1.i\050817A.B

I	FileName	Multiplier	SampleName	Misc Info			Injected
	V1G9580.D	1.	,BFB1Q,BFB1Q	2 µl 5 mL	,3	OK	18 Aug 2005 03:00
	V1G9581.D	1.	,VSTD0501Q,VSTD0501Q		,2	OK	18 Aug 2005 03:28
	V1G9582.D	1.	,VSTD0101Q,VSTD0101Q		,1,1	OK	18 Aug 2005 03:56
	V1G9583.D	1.	,VSTD2001Q,VSTD2001Q		,1,5	OK	18 Aug 2005 04:25
	V1G9584.D	1.	,VSTD1001Q,VSTD1001Q		,1,4	OK	18 Aug 2005 04:52
	V1G9585.D	1.	,VSTD0201Q,VSTD0201Q		,1,2	OK	18 Aug 2005 05:21

OLM4.2 SOIL ICAL

LG 8/18/05

COPY

Original Documents Are Included in CSF

Signed: **Date:**

Logbook ID 90.0204-04/05

Reviewed By:

0461

METHOD: VICLPSH LG 8/18/05 CAL ID: VN050818C (STD) ANALYST: LG
INITIAL CAL: 8/18/05 IS/SS ID: VN050817C (IS) DATE: 8/18/05
VN050817D (SS)
COMMENTS: DATE PRINTED:
DATE LOADED:

AS #	FILE	MITKEM ID	CLIENT ID	SAMPLE SIZE	DIL	COMMENTS	IS	SS	pH

Injection Log

Directory: o:\organic\voa\V1.i\050818.B

FileName	Multiplier	SampleName		Misc Info			Injected
V1G9590.D	1.	,BFB1R,BFB1R,	2 µl	,3 OK			18 Aug 2005 11:35
V1G9591.D	1.	,VSTD0501R,VSTD0501R,	5 mL	,3 OK	✓	✓	18 Aug 2005 12:01
V1G9592.D	1.	,MB-19555,VBLK1R,19555,		,3 OK	✓	✓	18 Aug 2005 12:42
V1G9593.D	1.	,LCS-19555,V1RLCS,19555,		,3 OK	✓	✓	18 Aug 2005 13:21
V1G9594.D	1.	,IBLK,IBLK,	5 mL	,3 OK	✓	✓	18 Aug 2005 13:50
V1G9595.D	1.	,D0926-07C,,19555,	6,6	OK	✓	✓	18 Aug 2005 14:19
V1G9596.D	1.	,D0926-07CMS,,19555,	6,3	OK	✓	✓	18 Aug 2005 14:46
V1G9597.D	1.	,D0926-07CMSD,,19555,	6,3	OK	✓	✓	18 Aug 2005 15:13
V1G9598.D	1.	,D0926-01E,,19555,	5,5	OK	✓	✓	18 Aug 2005 15:42
V1G9599.D	1.	,D0926-02E,,19555,	5,6	RR ACETONE 33 (ML)	✓	✓	18 Aug 2005 16:11
V1G9600.D	1.	,D0926-03E,,19555,	5,3	RR ACETONE 32 (ML)	✓	✓	18 Aug 2005 16:40
V1G9601.D	1.	,D0926-04C,,19555,	5,10	potential c.o. RR 1x, ACETONE 132	✓	✓	18 Aug 2005 17:08
V1G9602.D	1.	,D0926-05C,,19555,	5,2	RR 1x, ACETONE 164	✓	✓	18 Aug 2005 17:36
V1G9603.D	1.	,D0926-06C,,19555,	6,4	RR 1x, ACETONE 54	✓	✓	18 Aug 2005 18:05
V1G9604.D	1.	,D0926-08C,,19555,	5,10	RR ACETONE 97 (ML) #1	#1	#1	18 Aug 2005 18:33
V1G9605.D	1.	,D0926-09C,,19555,	5,6	RR 1x ACETONE 50	✓	✓	18 Aug 2005 19:01
V1G9606.D	1.	,D0926-10C,,19555,	6,5	RR 1x ACETONE 36	✓	✓	18 Aug 2005 19:30
V1G9607.D	1.	,D0926-11C,,19555,	4,8	RR ACETONE 244 (ML)	✓	✓	18 Aug 2005 19:58
V1G9608.D	1.	,D0926-12C,,19555,	6,4	RR 1x ACETONE 71	✓	✓	18 Aug 2005 20:27
V1G9609.D	1.	,D0926-13C,,19555,	5,5	RR ACETONE 263 (ML) #1	✓	✓	18 Aug 2005 20:55
V1G9610.D	1.	,D0926-14C,,19555,	5,3	RR 1x ACETONE 89	✓	✓	18 Aug 2005 21:24
V1G9611.D	1.	,VHBLK1R,VHBLK1R,	5 mL	NOT USED	✓	✓	18 Aug 2005 21:52
V1G9612.D	1.	,VHBLK1R,VHBLK1R,		NOT USED	✓	✓	18 Aug 2005 22:20
V1G9613.D	1.	,VHBLK1R,VHBLK1R,		NOT USED	✓	✓	18 Aug 2005 22:48
V1G9614.D	1.	,VHBLK1R,VHBLK1R,		NOT USED	✓	✓	18 Aug 2005 23:16
V1G9615.D	1.	,VHBLK1R,VHBLK1R,		OK, OTT	✓	✓	18 Aug 2005 23:45
V1G9616.D	1.	,VHBLK1R,VHBLK1R,		NOT USED, OTT	✓	✓	19 Aug 2005 00:13
V1G9617.D	1.	,VHBLK1R,VHBLK1R,		OK, OTT	✓	✓	19 Aug 2005 00:42
V1G9618.D	1.	,VHBLK1R,VHBLK1R,		NOT USED, OTT	✓	✓	19 Aug 2005 01:10
V1G9619.D	1.	,VHBLK1R,VHBLK1R,		NOT USED, OTT	✓	✓	19 Aug 2005 01:38
V1G9620.D	1.	,VHBLK1R,VHBLK1R,	5 mL	NOT USED, OTT	✓	✓	19 Aug 2005 02:07

LG 8/18/05

Instrument V 1
Injection Log

Mitkem Corporation
Volatiles Laboratory

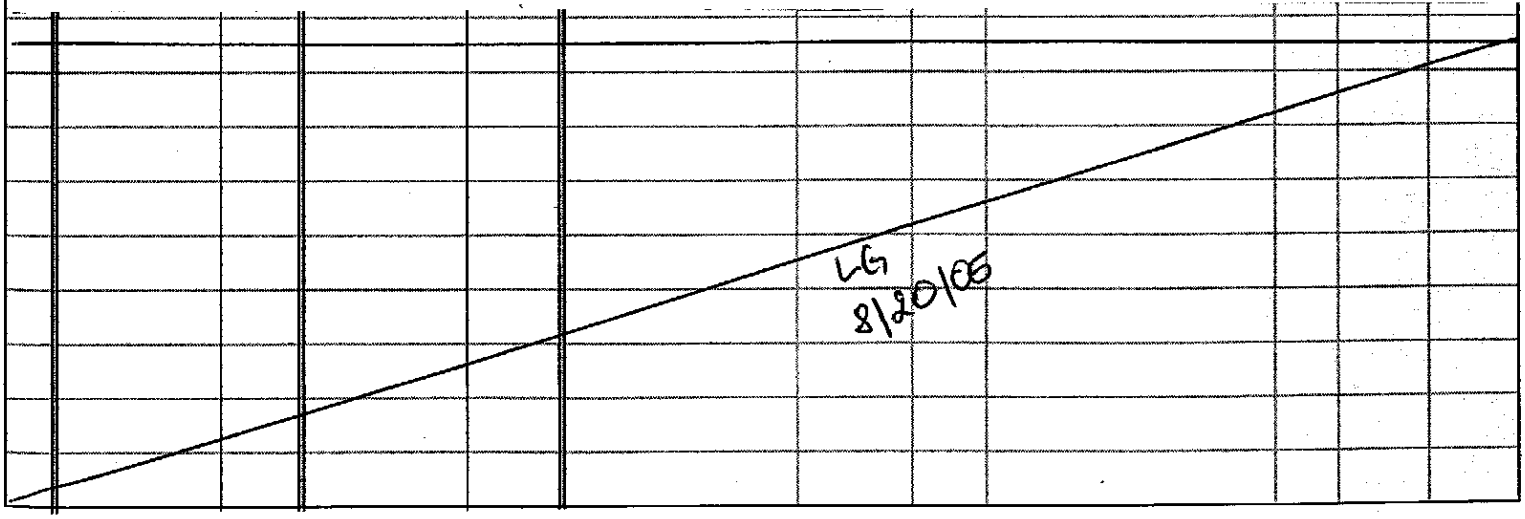
METHOD: V1CLPH
INITIAL CAL: 8/18/05
CAL ID: VN050818C (STD)
IS/SS ID: VN050817C (IS)
VN050817D (SS)
ANALYST: LG
DATE: 8/19/05
COMMENTS:
DATE PRINTED:
DATE LOADED:

AS #	FILE	MITKEM ID	CLIENT ID	SAMPLE SIZE	DIL	COMMENTS	IS	SS	pH

Injection Log

Directory: O:\ORGANIC\VOA\V1.i\050819.B

	FileName	Multiplier	SampleName	Misc Info			Injected
	V1G9630.D	1.	,BFB1S,BFB1S,	2µL ,3 OK			19 Aug 2005 10:00
	V1G9631.D	1.	,VSTD0501S,VSTD0501S,	5mL ,3 OK	✓	✓	19 Aug 2005 10:26
	V1G9632.D	1.	,MB-19568,VBLK1S,19568,	5mL ,3 NOT USED			19 Aug 2005 11:04
	V1G9633.D	1.	,MB-19568,VBLK1S,19568,	5mL ,3 NOT USED			19 Aug 2005 11:44
	V1G9634.D	1.	,MB-19568,VBLK1S,19568,	5mL ,3 OK	✓	✓	19 Aug 2005 13:26
	V1G9635.D	1.	,LCS-19568,V1SLCS,19568,	5mL ,3 OK LG 8/20/05	✓	✓	19 Aug 2005 14:02
	V1G9636.D	1.	,D0965-01A,,19568,	5,0 OK	✓	✓	19 Aug 2005 14:39
	V1G9637.D	1.	,D0926-10C,,19568,	4,7 ACETONE 49, OK	✓	✓	19 Aug 2005 15:08
	V1G9638.D	1.	,D0926-09C,,19568, RE	7,0 OK, NO MORE VBLKS #1-3	✓	✓	19 Aug 2005 15:36
	V1G9639.D	1.	,D0926-06C,,19568,	6,7 ACETONE 81, OK	✓	✓	19 Aug 2005 16:04
	V1G9640.D	1.	,D0926-14C,,19568,	6,2 ACETONE 115, OK	✓	✓	19 Aug 2005 16:32
	V1G9641.D	1.	,D0926-12C,,19568,	5,9 ACETONE 104, OK	✓	✓	19 Aug 2005 17:02
	V1G9642.D	1.	,D0926-04C,,19568,	5,5 ACETONE 157, OK LG 8/20/05	✓		19 Aug 2005 17:30
	V1G9643.D	1.	,D0926-05C,,19568, RE	5,2 ACETONE 324, ~~RERUN~~ OK	✓		19 Aug 2005 17:59
	V1G9644.D	1.	,VHBLK1S,VHBLK1S,	5mL ACETONE 10, OK	✓	✓	19 Aug 2005 18:27
	V1G9645.D	1.	,VHBLK1S,VHBLK1S,	5mL ACETONE 7, OK	✓	✓	19 Aug 2005 18:55
	V1G9646.D	1.	,VHBLK1S,VHBLK1S,	5mL ACETONE 5, OK	✓	✓	19 Aug 2005 19:23
	V1G9647.D	1.	,D0948-02C,,19568,	6,4 OK	✓	✓	19 Aug 2005 19:51
	V1G9648.D	1.	,VHBLK1S,VHBLK1S,	5mL OK	✓	✓	19 Aug 2005 20:19
	V1G9649.D	1.	,VHBLK1S,VHBLK1S,	5mL OK	✓	✓	19 Aug 2005 20:48
	V1G9650.D	1.	,D0965-03B,,19568,	8,7 OK	✓	✓	19 Aug 2005 21:16



Logbook ID 90.0204-04/05

Reviewed By: SDL

0463

Date: 8/17/05

Instrument V 6
Injection Log

Mitkem Corporation
Volatiles Laboratory

METHOD: V68260/V6LLP45
CAL ID: VW050816A(1) - STD
ANALYST: SB
INITIAL CAL: 8/17/05
IS/SS ID: VW050815A - IS
VW050815B - SS
ARCHIVE:
OLM ICAL
VW050812C - STD
VW050817D - SS
VW050817C - IS
COMMENTS: Source cleaning/Retune SB/YD
New sparge tube installed

AS #	FILE	MITKEM ID	CLIENT ID	SAMPLE SIZE	DIL	COMMENTS	IS	SS	pH

Injection Log

irectory: o:\organic\voa\V6.i\050817A.B

FileName	Multiplier	SampleName		Misc Info		Injected
V6D7770.D	1.	,BFB6K,BFB6K				17 Aug 2005 22:46
V6D7771.D	1.	,VSTD0506K,VSTD0506K	8260 AQ ICAL	,2	(050817.B)	17 Aug 2005 23:07
V6D7772.D	1.	,VSTD0056K,VSTD0056K		,1,1		17 Aug 2005 23:42
V6D7773.D	1.	,VSTD2006K,VSTD2006K		,1,5		18 Aug 2005 00:22
V6D7774.D	1.	,VSTD0056K,VSTD0056K		,1,1		18 Aug 2005 00:50
V6D7775.D	1.	,VSTD1006K,VSTD1006K		,1,4		18 Aug 2005 01:19
V6D7776.D	1.	,VSTD0206K,VSTD0206K		,1,2		18 Aug 2005 01:48
V6D7777.D	1.	,ICV		,3		18 Aug 2005 02:16
V6D7778.D	1.	,VSTD0506L,VSTD0506L	OLM AQ ICAL	,2	(050817B.B)	18 Aug 2005 02:44
V6D7779.D	1.	,VSTD0106L,VSTD0106L		,1,1		18 Aug 2005 03:13
V6D7780.D	1.	,VSTD2006L,VSTD2006L		,1,5		18 Aug 2005 03:41
V6D7781.D	1.	,VSTD1006L,VSTD1006L		,1,4		18 Aug 2005 04:09
V6D7782.D	1.	,VSTD0206L,VSTD0206L		,1,2		18 Aug 2005 04:38

COPY
Original Documents Are Included in CSF
Signed: _____ Date: _____

Logbook ID 90.0200-3/02

Reviewed By: SDL

Logbook page: 0064

Date: 8/19/05

Instrument V 6
Injection Log

Mitkem Corporation
Volatiles Laboratory

METHOD: V6CLP45
INITIAL CAL: 8/17/05
COMMENTS:

CAL ID: VN050818C (STD)
IS/SS ID: VN050817C (IS)
VN050817D (SS)

ANALYST: LG
ARCHIVE:

AS #	FILE	MITKEM ID	CLIENT ID	SAMPLE SIZE	DIL	COMMENTS	IS	SS	pH

Injection Log

Directory: O:\ORGANIC\VOA\V6.i\050819.B

	FileName	Multiplier	SampleName	Misc Info					Injected
	V6D7840.D	1.	,BFB6Q,BFB6Q	2 µl	,3	OK			19 Aug 2005 10:05
	V6D7841.D	1.	,VSTD0506Q,VSTD0506Q	5ml	,2	OK	√	√	19 Aug 2005 11:14
	V6D7842.D	1.	,MB-19552,VBLK6Q,19552	5ml	,3	OK	√	√	19 Aug 2005 11:57
	V6D7843.D	1.	,MB-19570,VBLK6R,19570	100ml/5ml	,3	OK	√	√	19 Aug 2005 12:36
	V6D7844.D	1.	,MB-19552,VBLK6Q,19552	5ml	,3	OK	√	√	19 Aug 2005 13:47
	V6D7845.D	1.	,LCS-19570,V6RLCS,19570	100ml/5ml	,3	OK	√	√	19 Aug 2005 14:25
	V6D7846.D	1.	,D0898-04A,,19552	5ml	,3	OK pH <2	√	√	19 Aug 2005 15:20
	V6D7847.D	1.	,D0926-02F,,19570	100ml/5ml	,3	OK	√	√	19 Aug 2005 15:54
	V6D7848.D	1.	,D0926-03F,,19570	↓	,3	OK	√	√	19 Aug 2005 16:23
	V6D7849.D	1.	,D0926-08D,,19570	↓	,3	OK	√	√	19 Aug 2005 16:51
	V6D7850.D	1.	,D0926-11D,,19570	100ml/5ml	,3	OK	√	√	19 Aug 2005 17:19
	V6D7851.D	1.	,D0926-13D,,19570	5ml	,3	OK	√	√	19 Aug 2005 17:48
	V6D7852.D	1.	,VHBLK6Q,VHBLK6Q		,3	NOT USED	√	#3 ↓	19 Aug 2005 18:16
	V6D7853.D	1.	,D0898-16A,,19552,300X		,3	?	√	#3 ↓	19 Aug 2005 18:43
	V6D7854.D	1.	,D0898-12A,,19552,400X		,3	OK	√	√	19 Aug 2005 19:11
	V6D7855.D	1.	,D0898-11A,,19552,1000X		,3		√	#3 ↓	19 Aug 2005 19:39
	V6D7856.D	1.	,D0898-15AMS,,19552,40X	↓	,3	PCE 552	√	#1-5, #3 ↓	19 Aug 2005 20:07
	V6D7857.D	1.	,VHBLK6R,VHBLK6R	5ml	,3	NOT USED	√	#1-3 ↓	19 Aug 2005 20:36
	V6D7858.D	1.	,VHBLK6R,VHBLK6R	5ml	,3	NOT USED	√	#1-3 ↓	19 Aug 2005 21:0

Logbook ID 90.0200-3/02

Reviewed By: SDL

Logbook page: 0067

Percent Moisture and Percent Solids Report

Mitkem Sample ID	Client Sample ID	Analyzed	Percent Moisture	Percent Solids	Validated
D0926-01A	OTMI-SD03-S-O	08/11/2005	70	30	Yes
D0926-02A	OTMI-SD02-S-O	08/11/2005	79	21	Yes
D0926-03A	OTMI-SD02-S-D	08/11/2005	78	22	Yes
D0926-04A	OTMI-SD12-S-O	08/11/2005	63	37	Yes
D0926-05A	OTMI-SD01-S-O	08/11/2005	72	28	Yes
D0926-06A	OTMI-SD07-S-O	08/11/2005	48	52	Yes
D0926-07A	OTMI-SD07-S-M	08/11/2005	47	53	Yes
D0926-08A	OTMI-SD05-S-O	08/11/2005	76	24	Yes
D0926-09A	OTMI-SD06-S-O	08/11/2005	55	45	Yes
D0926-10A	OTMI-SD09-S-O	08/15/2005	40	60	Yes
D0926-11A	OTMI-SD08-S-O	08/15/2005	69	31	Yes
D0926-12A	OTMI-SD10-S-O	08/15/2005	50	50	Yes
D0926-13A	OTMI-SD11-S-O	08/15/2005	81	19	Yes
D0926-14A	OTMI-SD04-S-O	08/15/2005	71	29	Yes
D0926-15A	OTMI-SS02-S-O	08/15/2005	10	90	Yes
D0926-16A	OTMI-SS03-S-O	08/15/2005	14	86	Yes
D0926-17A	OTMI-SS05-S-O	08/15/2005	13	87	Yes
D0926-18A	OTMI-SS10-S-O	08/15/2005	12	88	Yes
D0926-19A	OTMI-SS11-S-M	08/15/2005	11	89	Yes
D0926-20A	OTMI-SS10-S-D	08/15/2005	12	88	Yes

MITKEM CORPORATION

* Semivolatile Organics *

SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	S7 (2CP) #	S8 (DCB) #	TOT OUT
01	SBLK4D	78	88	108	84	80	98	81	74	0
02	S4DLCS	74	86	110	83	77	100	80	70	0
03	SD09-S-O	65	82	101	74	66	95	69	59	0
04	SD04-S-O	78	90	105	82	77	104	80	71	0
05	SS10-S-D	66	80	99	71	63	98	68	58	0
06	SS11-S-MMS	71	85	105	72	67	100	70	63	0
07	SS11-S-MMSD	67	77	101	70	63	97	67	58	0
08	SS11-S-M	70	84	102	71	64	98	69	62	0
09	SS10-S-O	74	89	108	76	67	105	73	64	0
10	SD07-S-MMS	7*	8*	10*	7*	6*	9*	7*	6*	8
11	SD06-S-O	73	86	95	73	71	93	73	67	0
12	SS03-S-O	71	86	103	72	65	106	69	60	0
13	SD07-S-MMSD	64	84	92	66	56	99	63	53	0
14	SD07-S-M	73	84	84	71	66	100	71	62	0
15	SD07-S-O	67	81	94	73	66	95	70	62	0
16	SD05-S-O	61	74	85	60	52	90	60	51	0
17	SD03-S-O	70	80	93	71	70	96	73	63	0
18	SS02-S-O	68	87	113	75	68	108	71	59	0
19	SD08-S-O	69	83	96	74	70	101	72	61	0
20	SD07-S-MDL	75	86	84	71	67	99	73	64	0
21	SD11-S-O	72	84	96	76	71	111	75	64	0
22	SD10-S-O	69	83	95	70	61	104	69	56	0
23	SD01-S-O	86	100	111	85	82	127*	90	75	1
24	SD12-S-O	77	91	100	75	68	117	75	63	0
25	SS05-S-O	88	106	110	88	77	132*	89	76	1
26	SD02-S-D	46	55	50	47	42	70	50	43	0
27	SD02-S-O	74	92	78	75	65	121	78	64	0
28	SS05-S-ORE	91	120*	110	88	76	152*	90	77	2
29	SD02-S-ODL	70	87	75	66	54	119	71	60	0
30	SBLK4G	87	95	101	90	81	92	86	81	0

		QC LIMITS	
S1 (NBZ)	= Nitrobenzene-d5	(23-120)	
S2 (FBP)	= 2-Fluorobiphenyl	(30-115)	
S3 (TPH)	= Terphenyl-d14	(18-137)	
S4 (PHL)	= Phenol-d5	(24-113)	
S5 (2FP)	= 2-Fluorophenol	(25-121)	
S6 (TBP)	= 2,4,6-Tribromophenol	(19-122)	
S7 (2CP)	= 2-Chlorophenol-d4	(20-130)	(advisory)
S8 (DCB)	= 1,2-Dichlorobenzene-d4	(20-130)	(advisory)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	S7 (2CP) #	S8 (DCB) #	TOT OUT
01	S4GLCS	81	84	96	85	74	95	82	77	0
02	SD07-S-MRE	70	79	87	73	66	88	70	64	0
03	SD07-S-MREMS	70	77	88	75	60	96	72	66	0
04	SD07-S-MREMS	83	95	107	86	68	114	84	76	0
05										
06										
07										
08										
09										
10										
11										
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24										
25										
26										
27										
28										
29										
30										

		QC LIMITS	
S1 (NBZ)	= Nitrobenzene-d5	(23-120)	
S2 (FBP)	= 2-Fluorobiphenyl	(30-115)	
S3 (TPH)	= Terphenyl-d14	(18-137)	
S4 (PHL)	= Phenol-d5	(24-113)	
S5 (2FP)	= 2-Fluorophenol	(25-121)	
S6 (TBP)	= 2,4,6-Tribromophenol	(19-122)	
S7 (2CP)	= 2-Chlorophenol-d4	(20-130)	(advisory)
S8 (DCB)	= 1,2-Dichlorobenzene-d4	(20-130)	(advisory)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix Spike - EPA Sample No.: SD07-S-M Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Phenol	4700	0.0	330	7*	26- 90
2-Chlorophenol	4700	0.0	320	7*	25-102
N-Nitroso-di-n-prop.(1)	3100	0.0	220	7*	41-126
4-Chloro-3-Methylphenol	4700	0.0	410	9*	26-103
Acenaphthene	3100	360	300	-2*	31-137
4-Nitrophenol	4700	0.0	470	10*	11-114
2,4-Dinitrotoluene	3100	0.0	270	9*	28- 89
Pentachlorophenol	4700	0.0	240	5*	17-109
Pyrene	3100	3800	800	-97*	35-142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	4700	3200	68	163*	35	26- 90
2-Chlorophenol	4700	3000	64	161*	50	25-102
N-Nitroso-di-n-prop.(1)	3100	2100	68	163*	38	41-126
4-Chloro-3-Methylphenol	4700	4100	87	163*	33	26-103
Acenaphthene	3100	2700	75	211*	19	31-137
4-Nitrophenol	4700	4600	98	163*	50	11-114
2,4-Dinitrotoluene	3100	2500	81	160*	47	28- 89
Pentachlorophenol	4700	4300	91	179*	47	17-109
Pyrene	3100	4900	35	-426	36	35-142

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 8 out of 9 outside limits
Spike Recovery: 9 out of 18 outside limits

COMMENTS: _____

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix Spike - EPA Sample No.: SD07-S-MRE Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Phenol	4700	0.0	3700	79	26- 90
2-Chlorophenol	4700	0.0	3500	74	25-102
N-Nitroso-di-n-prop.(1)	3100	0.0	2400	77	41-126
4-Chloro-3-Methylphenol	4700	0.0	3900	83	26-103
Acenaphthene	3100	130	2700	83	31-137
4-Nitrophenol	4700	0.0	4400	94	11-114
2,4-Dinitrotoluene	3100	0.0	2400	77	28- 89
Pentachlorophenol	4700	0.0	4000	85	17-109
Pyrene	3100	2000	5500	113	35-142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	4700	4200	89	12	35	26- 90
2-Chlorophenol	4700	4100	87	16	50	25-102
N-Nitroso-di-n-prop.(1)	3100	2700	87	12	38	41-126
4-Chloro-3-Methylphenol	4700	4600	98	17	33	26-103
Acenaphthene	3100	3000	93	11	19	31-137
4-Nitrophenol	4700	5300	113	18	50	11-114
2,4-Dinitrotoluene	3100	2900	94*	20	47	28- 89
Pentachlorophenol	4700	4700	100	16	47	17-109
Pyrene	3100	5800	123	8	36	35-142

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 9 outside limits
Spike Recovery: 1 out of 18 outside limits

COMMENTS: _____

3D

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix Spike - EPA Sample No.: SS11-S-M Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Phenol	2800	0.0	2100	75	26- 90
2-Chlorophenol	2800	0.0	2000	71	25-102
N-Nitroso-di-n-prop.(1)	1900	0.0	1300	68	41-126
4-Chloro-3-Methylphenol	2800	0.0	2400	86	26-103
Acenaphthene	1900	0.0	1500	79	31-137
4-Nitrophenol	2800	0.0	2600	93	11-114
2,4-Dinitrotoluene	1900	0.0	1400	74	28- 89
Pentachlorophenol	2800	0.0	2500	89	17-109
Pyrene	1900	0.0	1900	100	35-142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	2800	2100	75	0	35	26- 90
2-Chlorophenol	2800	1900	68	4	50	25-102
N-Nitroso-di-n-prop.(1)	1900	1300	68	0	38	41-126
4-Chloro-3-Methylphenol	2800	2400	86	0	33	26-103
Acenaphthene	1900	1500	79	0	19	31-137
4-Nitrophenol	2800	2500	89	4	50	11-114
2,4-Dinitrotoluene	1900	1400	74	0	47	28- 89
Pentachlorophenol	2800	2800	100	12	47	17-109
Pyrene	1900	1900	100	0	36	35-142

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 9 outside limits
Spike Recovery: 0 out of 18 outside limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Matrix Spike - Sample No.: S4DLCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Phenol	2500		2200	88	26- 90
2-Chlorophenol	2500		2000	80	25-102
N-Nitroso-di-n-prop.(1)	1700		1300	76	41-126
4-Chloro-3-Methylphenol	2500		2200	88	26-103
Acenaphthene	1700		1500	88	31-137
4-Nitrophenol	2500		2400	96	11-114
2,4-Dinitrotoluene	1700		1400	82	28- 89
Pentachlorophenol	2500		2600	104	17-109
Pyrene	1700		1800	106	35-142

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 9 outside limits

COMMENTS: _____

_____

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Matrix Spike - Sample No.: S4GLCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Phenol	2500		2200	88	26- 90
2-Chlorophenol	2500		2100	84	25-102
N-Nitroso-di-n-prop.(1)	1700		1500	88	41-126
4-Chloro-3-Methylphenol	2500		2400	96	26-103
Acenaphthene	1700		1400	82	31-137
4-Nitrophenol	2500		2500	100	11-114
2,4-Dinitrotoluene	1700		1400	82	28- 89
Pentachlorophenol	2500		2800	112*	17-109
Pyrene	1700		1600	94	35-142

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 1 out of 9 outside limits

COMMENTS: _____

_____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK4D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab File ID: S4A9427 Lab Sample ID: MB-19468

Instrument ID: S4 Date Extracted: 08/12/05

Matrix: (soil/water) SOIL Date Analyzed: 08/24/05

Level: (low/med) LOW Time Analyzed: 1542

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	S4DLCS	LCS-19468	S4A9428	08/24/05
02	SD09-S-O	D0926-10A	S4A9430	08/24/05
03	SD04-S-O	D0926-14A	S4A9431	08/24/05
04	SS10-S-D	D0926-20A	S4A9432	08/24/05
05	SS11-S-MMS	D0926-19AMS	S4A9433	08/24/05
06	SS11-S-MMSD	D0926-19AMSD	S4A9434	08/24/05
07	SS11-S-M	D0926-19A	S4A9435	08/24/05
08	SS10-S-O	D0926-18A	S4A9436	08/24/05
09	SD07-S-MMS	D0926-07AMS	S4A9437	08/24/05
10	SD06-S-O	D0926-09A	S4A9438	08/24/05
11	SS03-S-O	D0926-16A	S4A9439	08/24/05
12	SD07-S-MMSD	D0926-07AMSD	S4A9440	08/24/05
13	SD07-S-M	D0926-07A	S4A9441	08/24/05
14	SD07-S-O	D0926-06A	S4A9442	08/24/05
15	SD05-S-O	D0926-08A	S4A9446	08/25/05
16	SD03-S-O	D0926-01A	S4A9452	08/25/05
17	SS02-S-O	D0926-15A	S4A9453	08/25/05
18	SD08-S-O	D0926-11A	S4A9454	08/25/05
19	SD07-S-MDL	D0926-07ADL	S4A9455	08/25/05
20	SD11-S-O	D0926-13A	S4A9456	08/25/05
21	SD10-S-O	D0926-12A	S4A9457	08/25/05
22	SD01-S-O	D0926-05A	S4A9458	08/25/05
23	SD12-S-O	D0926-04A	S4A9459	08/25/05
24	SS05-S-O	D0926-17A	S4A9460	08/25/05
25	SD02-S-D	D0926-03A	S4A9461	08/25/05
26	SD02-S-O	D0926-02A	S4A9462	08/25/05
27	SS05-S-ORE	D0926-17ARE	S4A9463	08/25/05
28	SD02-S-ODL	D0926-02ADL	S4A9465	08/25/05
29				
30				

COMMENTS: _____

4B

EPA SAMPLE NO.

SEMIVOLATILE METHOD BLANK SUMMARY

SBLK4G

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab File ID: S4A9522 Lab Sample ID: MB-19676

Instrument ID: S4 Date Extracted: 08/26/05

Matrix: (soil/water) SOIL Date Analyzed: 08/31/05

Level: (low/med) LOW Time Analyzed: 1148

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	S4GLCS	LCS-19676	S4A9523	08/31/05
02	SD07-S-MRE	D0926-07ARE	S4A9524	08/31/05
03	SD07-S-MREMS	D0926-07AREMS	S4A9525	08/31/05
04	SD07-S-MREMS	D0926-07AREMSD	S4A9526	08/31/05
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COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab File ID: S4A9355A DFTPP Injection Date: 08/19/05

Instrument ID: S4 DFTPP Injection Time: 1120

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	53.6
68	Less than 2.0% of mass 69	0.4 (0.6)1
69	Mass 69 relative abundance	61.6
70	Less than 2.0% of mass 69	0.5 (0.9)1
127	25.0 - 75.0% of mass 198	59.2
197	Less than 1.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.4
275	10.0 - 30.0% of mass 198	25.8
365	Greater than 0.75% of mass 198	3.90
441	Present, but less than mass 443	12.0
442	40.0 - 110.0% of mass 198	78.5
443	15.0 - 24.0% of mass 442	16.4 (20.9)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD0504P	SSTD0504P	S4A9356A	08/19/05	1139
02	SSTD1604P	SSTD1604P	S4A9357	08/19/05	1223
03	SSTD0204P	SSTD0204P	S4A9358	08/19/05	1257
04	SSTD0804P	SSTD0804P	S4A9359	08/19/05	1333
05	SSTD1204P	SSTD1204P	S4A9360	08/19/05	1415
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab File ID: S4A9425 DFTPP Injection Date: 08/24/05

Instrument ID: S4 DFTPP Injection Time: 1441

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	53.3
68	Less than 2.0% of mass 69	0.9 (1.4)1
69	Mass 69 relative abundance	60.7
70	Less than 2.0% of mass 69	0.2 (0.4)1
127	25.0 - 75.0% of mass 198	63.1
197	Less than 1.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 30.0% of mass 198	26.4
365	Greater than 0.75% of mass 198	5.31
441	Present, but less than mass 443	13.2
442	40.0 - 110.0% of mass 198	89.2
443	15.0 - 24.0% of mass 442	17.6 (19.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD0504T	SSTD0504T	S4A9426	08/24/05	1500
02	SBLK4D	MB-19468	S4A9427	08/24/05	1542
03	S4DLCS	LCS-19468	S4A9428	08/24/05	1614
04	SD09-S-O	D0926-10A	S4A9430	08/24/05	1719
05	SD04-S-O	D0926-14A	S4A9431	08/24/05	1751
06	SS10-S-D	D0926-20A	S4A9432	08/24/05	1823
07	SS11-S-MMS	D0926-19AMS	S4A9433	08/24/05	1856
08	SS11-S-MMSD	D0926-19AMSD	S4A9434	08/24/05	1929
09	SS11-S-M	D0926-19A	S4A9435	08/24/05	2001
10	SS10-S-O	D0926-18A	S4A9436	08/24/05	2034
11	SD07-S-MMS	D0926-07AMS	S4A9437	08/24/05	2107
12	SD06-S-O	D0926-09A	S4A9438	08/24/05	2140
13	SS03-S-O	D0926-16A	S4A9439	08/24/05	2214
14	SD07-S-MMSD	D0926-07AMSD	S4A9440	08/24/05	2248
15	SD07-S-M	D0926-07A	S4A9441	08/24/05	2323
16	SD07-S-O	D0926-06A	S4A9442	08/24/05	2356
17	SD05-S-O	D0926-08A	S4A9446	08/25/05	0211
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab File ID: S4A9450 DFTPP Injection Date: 08/25/05

Instrument ID: S4 DFTPP Injection Time: 0921

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	58.3
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	66.0
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	25.0 - 75.0% of mass 198	64.5
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	24.9
365	Greater than 0.75% of mass 198	5.42
441	Present, but less than mass 443	11.2
442	40.0 - 110.0% of mass 198	81.2
443	15.0 - 24.0% of mass 442	16.9 (20.9)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD0504U	SSTD0504U	S4A9451	08/25/05	0940
02	SD03-S-O	D0926-01A	S4A9452	08/25/05	1013
03	SS02-S-O	D0926-15A	S4A9453	08/25/05	1057
04	SD08-S-O	D0926-11A	S4A9454	08/25/05	1131
05	SD07-S-MDL	D0926-07ADL	S4A9455	08/25/05	1204
06	SD11-S-O	D0926-13A	S4A9456	08/25/05	1236
07	SD10-S-O	D0926-12A	S4A9457	08/25/05	1308
08	SD01-S-O	D0926-05A	S4A9458	08/25/05	1340
09	SD12-S-O	D0926-04A	S4A9459	08/25/05	1412
10	SS05-S-O	D0926-17A	S4A9460	08/25/05	1445
11	SD02-S-D	D0926-03A	S4A9461	08/25/05	1537
12	SD02-S-O	D0926-02A	S4A9462	08/25/05	1610
13	SS05-S-ORE	D0926-17ARE	S4A9463	08/25/05	1727
14	SD02-S-ODL	D0926-02ADL	S4A9465	08/25/05	1832
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab File ID: S4A9520 DFTPP Injection Date: 08/31/05

Instrument ID: S4 DFTPP Injection Time: 1057

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	53.8
68	Less than 2.0% of mass 69	0.5 (0.9)1
69	Mass 69 relative abundance	53.5
70	Less than 2.0% of mass 69	0.3 (0.5)1
127	25.0 - 75.0% of mass 198	56.2
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	28.5
365	Greater than 0.75% of mass 198	4.57
441	Present, but less than mass 443	16.8
442	40.0 - 110.0% of mass 198	103.4
443	15.0 - 24.0% of mass 442	21.1 (20.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD0504X	SSTD0504X	S4A9521	08/31/05	1113
02	SBLK4G	MB-19676	S4A9522	08/31/05	1148
03	S4GLCS	LCS-19676	S4A9523	08/31/05	1221
04	SD07-S-MRE	D0926-07ARE	S4A9524	08/31/05	1253
05	SD07-S-MREMS	D0926-07AREMS	S4A9525	08/31/05	1325
06	SD07-S-MREMS	D0926-07AREMSD	S4A9526	08/31/05	1357
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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

EPA Sample No. (SSTD050##): SSTD0504T Date Analyzed: 08/24/05

Lab File ID (Standard): S4A9426 Time Analyzed: 1500

Instrument ID: S4 GC Column: DB-5MS ID: 0.25 (mm)

	EPA SAMPLE NO.	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	90191	5.76	369165	8.07	217104	11.44
	UPPER LIMIT	180382	6.26	738330	8.57	434208	11.94
	LOWER LIMIT	45096	5.26	184583	7.57	108552	10.94
01	SBLK4D	74226	5.76	308655	8.07	167495	11.44
02	S4DLCS	81833	5.76	347781	8.07	190878	11.44
03	SD09-S-O	72798	5.76	309754	8.07	169220	11.44
04	SD04-S-O	73061	5.76	301490	8.07	162781	11.44
05	SS10-S-D	72298	5.76	303782	8.07	167215	11.44
06	SS11-S-MMS	72713	5.76	291761	8.07	155286	11.44
07	SS11-S-MMSD	68038	5.76	276928	8.07	154119	11.44
08	SS11-S-M	73048	5.76	298157	8.07	161552	11.44
09	SS10-S-O	63348	5.76	260086	8.07	142576	11.44
10	SD07-S-MMS	67650	5.76	272050	8.07	145061	11.44
11	SD06-S-O	65775	5.76	258997	8.07	137097	11.44
12	SS03-S-O	64095	5.76	256282	8.07	137698	11.44
13	SD07-S-MMSD	68526	5.76	275787	8.07	144219	11.44
14	SD07-S-M	61474	5.76	238422	8.07	125673	11.44
15	SD07-S-O	64493	5.76	274163	8.08	151217	11.44
16	SD05-S-O	54135	5.77	219684	8.08	120061	11.44
17							
18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

EPA Sample No. (SSTD050##): SSTD0504T Date Analyzed: 08/24/05

Lab File ID (Standard): S4A9426 Time Analyzed: 1500

Instrument ID: S4 GC Column: DB-5MS ID: 0.25 (mm)

		IS4(PHN) AREA	#	RT	#	IS5(CRY) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
	12 HOUR STD	371192		13.61		338027		17.03		257506		18.94	
	UPPER LIMIT	742384		14.11		676054		17.53		515012		19.44	
	LOWER LIMIT	185596		13.11		169014		16.53		128753		18.44	
	EPA SAMPLE NO.												
01	SBLK4D	287362		13.61		240718		17.03		197439		18.94	
02	S4DLCS	322798		13.61		263668		17.03		215239		18.94	
03	SD09-S-O	281043		13.61		231745		17.03		181360		18.94	
04	SD04-S-O	254883		13.61		201546		17.03		162379		18.94	
05	SS10-S-D	285097		13.61		234429		17.03		176547		18.94	
06	SS11-S-MMS	248358		13.61		193143		17.03		152438		18.94	
07	SS11-S-MMSD	244466		13.61		191424		17.03		154207		18.94	
08	SS11-S-M	264355		13.61		213984		17.03		165967		18.94	
09	SS10-S-O	231423		13.61		184466		17.03		141560		18.94	
10	SD07-S-MMS	241817		13.61		203855		17.03		159826		18.94	
11	SD06-S-O	216898		13.61		176316		17.03		143682		18.94	
12	SS03-S-O	225391		13.61		187706		17.03		146446		18.94	
13	SD07-S-MMSD	231819		13.61		210666		17.04		164546		18.95	
14	SD07-S-M	195603		13.61		187824		17.04		144484		18.95	
15	SD07-S-O	237216		13.61		202015		17.04		156505		18.95	
16	SD05-S-O	194582		13.61		169910		17.04		136202		18.96	
17													
18													
19													
20													
21													
22													

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

EPA Sample No. (SSTD050##): SSTD0504U Date Analyzed: 08/25/05

Lab File ID (Standard): S4A9451 Time Analyzed: 0940

Instrument ID: S4 GC Column: DB-5MS ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	47557	5.76	202544	8.07	122445	11.44
	UPPER LIMIT	95114	6.26	405088	8.57	244890	11.94
	LOWER LIMIT	23779	5.26	101272	7.57	61223	10.94
	EPA SAMPLE NO.						
01	SD03-S-O	51188	5.76	210960	8.07	113420	11.44
02	SS02-S-O	51716	5.76	214294	8.07	117540	11.44
03	SD08-S-O	51249	5.76	222032	8.07	120355	11.44
04	SD07-S-MDL	45303	5.76	182388	8.07	100696	11.44
05	SD11-S-O	43815	5.76	184303	8.07	100824	11.44
06	SD10-S-O	49258	5.76	202629	8.07	113216	11.44
07	SD01-S-O	45554	5.77	183270	8.08	99495	11.44
08	SD12-S-O	39226	5.77	159392	8.08	91704	11.44
09	SS05-S-O	30142	5.77	126187	8.08	71895	11.45
10	SD02-S-D	42820	5.77	190149	8.09	103573	11.45
11	SD02-S-O	29713	5.77	128538	8.08	66300	11.45
12	SS05-S-ORE	32620	5.78	142458	8.09	68519	11.46
13	SD02-S-ODL	43224	5.77	190397	8.09	95615	11.45
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

EPA Sample No. (SSTD050##): SSTD0504U Date Analyzed: 08/25/05

Lab File ID (Standard): S4A9451 Time Analyzed: 0940

Instrument ID: S4 GC Column: DB-5MS ID: 0.25 (mm)

		IS4 (PHN) AREA	#	RT	#	IS5 (CRY) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD	215506		13.61		190057		17.03		136834		18.94	
	UPPER LIMIT	431012		14.11		380114		17.53		273668		19.44	
	LOWER LIMIT	107753		13.11		95029		16.53		68417		18.44	
	EPA SAMPLE NO.												
01	SD03-S-O	178716		13.61		147944		17.03		118822		18.94	
02	SS02-S-O	192741		13.61		151170		17.04		119410		18.95	
03	SD08-S-O	193229		13.61		152488		17.04		117774		18.95	
04	SD07-S-MDL	163917		13.61		146093		17.04		108136		18.95	
05	SD11-S-O	154330		13.61		127752		17.04		103280		18.95	
06	SD10-S-O	175786		13.61		144948		17.04		124325		18.96	
07	SD01-S-O	147141		13.62		120992		17.04		105442		18.96	
08	SD12-S-O	135348		13.62		117625		17.05		98622		18.97	
09	SS05-S-O	106703*		13.62		98347		17.05		86301		18.98	
10	SD02-S-D	148618		13.63		152339		17.06		114585		18.99	
11	SD02-S-O	90184*		13.62		100485		17.06		79836		18.99	
12	SS05-S-ORE	81284*		13.63		83810*		17.06		77443		19.00	
13	SD02-S-ODL	106191*		13.63		66519*		17.06		57447*		18.99	
14													
15													
16													
17													
18													
19													
20													
21													
22													

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

EPA Sample No. (SSTD050##): SSTD0504X Date Analyzed: 08/31/05

Lab File ID (Standard): S4A9521 Time Analyzed: 1113

Instrument ID: S4 GC Column: DB-5MS ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	224855	5.48	889481	7.74	472338	11.17
	UPPER LIMIT	449710	5.98	1778962	8.24	944676	11.67
	LOWER LIMIT	112428	4.98	444741	7.24	236169	10.67
	EPA SAMPLE NO.						
01	SBLK4G	240128	5.48	953206	7.74	492637	11.17
02	S4GLCS	316652	5.49	1282951	7.74	705531	11.17
03	SD07-S-MRE	264797	5.48	1052152	7.74	529469	11.17
04	SD07-S-MREMS	333962	5.49	1377532	7.75	712142	11.17
05	SD07-S-MREMS	249178	5.49	1007316	7.75	497311	11.17
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

EPA Sample No. (SSTD050##): SSTD0504X Date Analyzed: 08/31/05

Lab File ID (Standard): S4A9521 Time Analyzed: 1113

Instrument ID: S4 GC Column: DB-5MS ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	824469	13.36	735240	16.78	604452	18.60
	UPPER LIMIT	1648938	13.86	1470480	17.28	1208904	19.10
	LOWER LIMIT	412235	12.86	367620	16.28	302226	18.10
	EPA SAMPLE NO.						
01	SBLK4G	888919	13.36	750328	16.78	604214	18.59
02	S4GLCS	1211987	13.36	1020319	16.78	850550	18.59
03	SD07-S-MRE	871329	13.36	645518	16.78	527179	18.60
04	SD07-S-MREMS	1067616	13.36	771889	16.79	691429	18.61
05	SD07-S-MREMS	765997	13.36	531325	16.79	478608	18.61
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD01-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-05A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9458

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 72 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 4.5 Extraction: (Type) SONC

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q	
100-52-7	Benzaldehyde	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)Ether	1200	U
95-57-8	2-Chlorophenol	1200	U
95-48-7	2-Methylphenol	1200	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1200	U
98-86-2	Acetophenone	1200	U
106-44-5	4-Methylphenol	1200	U
621-64-7	N-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
105-60-2	Caprolactam	1200	U
59-50-7	4-Chloro-3-Methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
95-95-4	2,4,5-Trichlorophenol	3000	U
92-52-4	1,1'-Biphenyl	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	3000	U
131-11-3	Dimethylphthalate	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
208-96-8	Acenaphthylene	1200	U
99-09-2	3-Nitroaniline	3000	U
83-32-9	Acenaphthene	1200	U

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SD01-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-05A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9458

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 72 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 4.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	3000	U
100-02-7	4-Nitrophenol	3000	U
132-64-9	Dibenzofuran	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	3000	U
534-52-1	4,6-Dinitro-2-methylphenol	3000	U
86-30-6	N-Nitrosodiphenylamine (1)	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
1912-24-9	Atrazine	1200	U
87-86-5	Pentachlorophenol	3000	U
85-01-8	Phenanthrene	1200	U
120-12-7	Anthracene	1200	U
86-74-8	Carbazole	1200	U
84-74-2	Di-n-butylphthalate	1200	U
206-44-0	Fluoranthene	1200	U
129-00-0	Pyrene	1200	U
85-68-7	Butylbenzylphthalate	1200	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
56-55-3	Benzo(a)anthracene	1200	U
218-01-9	Chrysene	1200	U
117-81-7	bis(2-Ethylhexyl)phthalate	210	JB
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo(b)fluoranthene	1200	U
207-08-9	Benzo(k)fluoranthene	1200	U
50-32-8	Benzo(a)pyrene	1200	U
193-39-5	Indeno(1,2,3-cd)pyrene	1200	U
53-70-3	Dibenzo(a,h)anthracene	1200	U
191-24-2	Benzo(g,h,i)perylene	1200	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD01-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-05A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9458

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 72 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 4.5 Extraction: (Type) SONC

Number TICs found: 30

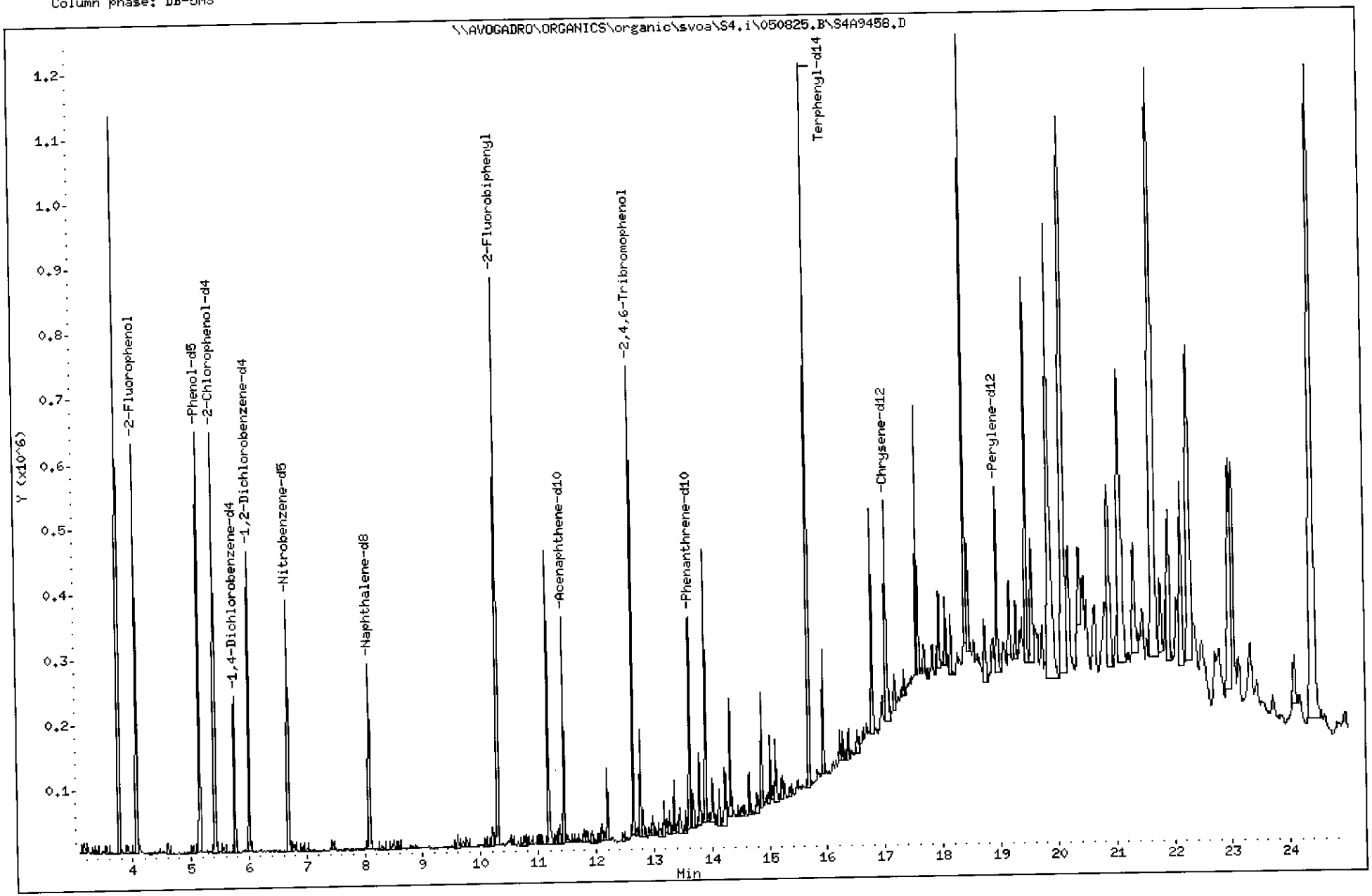
CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	12.19	550	J
2.		UNKNOWN	12.76	800	J
3.		UNKNOWN	13.64	510	J
4.		UNKNOWN	13.78	710	J
5.		UNKNOWN	13.89	2000	J
6.		UNKNOWN	14.01	640	J
7.		UNKNOWN	14.22	760	J
8.	57-10-3	N-HEXADECANOIC ACID	14.32	1100	NJ
9.	1000130-81-0	11,13-DIMETHYL-12-TETRADECEN	14.86	920	NJ
10.	150-86-7	PHYTOL	15.10	750	NJ
11.	3452-07-1	1-EICOSENE	17.96	860	NJ
12.	7683-64-9	SQUALENE	18.07	520	NJ
13.		UNKNOWN	18.17	490	J
14.		UNKNOWN	18.74	1100	J
15.	14811-95-1	1,19-EICOSADIENE	19.18	860	NJ
16.		UNKNOWN	19.28	690	J
17.		UNKNOWN	19.56	2400	J
18.	360-68-9	CHOLESTAN-3-OL, (3.BETA.,5.B	19.86	11000	NJ
19.	601-53-6	CHOLESTAN-3-ONE, (5.BETA.)-	20.12	14000	NJ
20.		UNKNOWN	20.38	1500	J
21.		UNKNOWN	21.08	8000	J
22.		UNKNOWN	21.32	2600	J
23.	83-47-6	.GAMMA.-SITOSTEROL	21.65	17000	NJ
24.		UNKNOWN	21.79	1400	J
25.		UNKNOWN	21.93	3000	J
26.		UNKNOWN	22.15	3700	J
27.	1000188-66-5	2(1H)NAPHTHALENONE, 3,5,6,7,	22.28	8300	NJ
28.		UNKNOWN	22.98	6100	J
29.		UNKNOWN	24.09	1000	J
30.		UNKNOWN	24.41	19000	JB

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9458.D
Date : 25-AUG-2005 13:40
Client ID: SD01-S-0
Sample Info: D0926-05A,,19468,,
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S4.i

Operator: AW SRC: LIMS
Column diameter: 0.25



0490

Data File: S4A9458.D
Report Date: 31-Aug-2005 15:46

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9458.D
Lab Smp Id: D0926-05A
Inj Date : 25-AUG-2005 13:40
Operator : AW SRC: LIMS
Smp Info : D0926-05A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl
Cal Date : 25-AUG-2005 09:40
Als bottle: 28
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 4.03
Processing Host: TARGET11

Client Smp ID: SD01-S-O
Inst ID: S4.i
Quant Type: ISTD
Cal File: S4A9451.D
Compound Sublist: OLM4.sub

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	72.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	4.068	4.048	(0.706)	147065	122.444	7300
$	3 Phenol-d5	99	5.155	5.135	(0.894)	229751	127.945	7600
$	6 2-Chlorophenol-d4	132	5.424	5.414	(0.941)	200309	134.648	8000
*	8 1,4-Dichlorobenzene-d4	152	5.766	5.755	(1.000)	45554	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	6.014	6.004	(1.043)	80530	74.5786	4400
$	16 Nitrobenzene-d5	82	6.687	6.677	(0.827)	185722	86.0823	5100
*	23 Naphthalene-d8	136	8.084	8.074	(1.000)	183270	40.0000	
$	33 2-Fluorobiphenyl	172	10.289	10.289	(0.900)	352809	99.5793	5900
*	41 Acenaphthene-d10	164	11.438	11.438	(1.000)	99495	40.0000	
$	53 2,4,6-Tribromophenol	330	12.649	12.628	(0.929)	73768	190.983	11000(AR)
*	58 Phenanthrene-d10	188	13.622	13.611	(1.000)	147141	40.0000	
$	65 Terphenyl-d14	244	15.681	15.671	(0.920)	346258	111.475	6600
*	69 Chrysene-d12	240	17.037	17.027	(1.000)	120992	40.0000	

Data File: S4A9458.D
Report Date: 31-Aug-2005 15:46

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
71 bis(2-Ethylhexyl)phthalate	149	16.965	16.954	(0.996)	10630	3.50861	210(a)
* 76 Perylene-d12	264	18.962	18.942	(1.000)	105442	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

03/31/05

Data File: S4A9458.D
Report Date: 31-Aug-2005 15:46

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9458.D
Lab Smp Id: D0926-05A Client Smp ID: SD01-S-O
Inj Date : 25-AUG-2005 13:40
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-05A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D
Als bottle: 28
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	72.000	% Moisture

ISTD	RT	AREA	AMOUNT
* 41 Acenaphthene-d10	11.438	489048	40.000
* 58 Phenanthrene-d10	13.622	540563	40.000
* 69 Chrysene-d12	17.037	541880	40.000
* 76 Perylene-d12	18.962	537723	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9458.D
Report Date: 31-Aug-2005 15:46

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Cyclic Alkane				CAS #:			
11.169	681853	55.7698222	3300	0		0	41
Unknown				CAS #:			
12.193	113704	9.30002781	550	0		0	41
Unknown				CAS #:			
12.763	181401	13.4231163	800	0		0	58
Unknown				CAS #:			
13.642	116064	8.58837915	510	0		0	58
Unknown				CAS #:			
13.777	160822	11.9003335	710	0		0	58
Unknown				CAS #:			
13.891	458009	33.8912578	2000	0		0	58
Unknown				CAS #:			
14.015	145956	10.8002952	640	0		0	58
Unknown				CAS #:			
14.222	171512	12.6913607	760	0		0	58
n-Hexadecanoic acid				CAS #:	57-10-3		
14.315	241587	17.8766952	1100	98	NIST98.L	92228	58
11,13-Dimethyl-12-tetradecen-1-ol acetat				CAS #:	1000130-81-0		
14.864	208242	15.4092677	920	95	NIST98.L	107558	58
Branched Alkane				CAS #:			
15.019	109082	8.07173262	480	0		0	58
Phytol				CAS #:	150-86-7		
15.102	170330	12.6038963	750	95	NIST98.L	115538	58
Straight-Chain Alkane				CAS #:			
15.940	224705	16.5870672	990	0		0	69
Straight-Chain Alkane				CAS #:			
16.375	81346	6.00472429	360	0		0	69
Straight-Chain Alkane				CAS #:			
16.789	423770	31.2814645	1900	0		0	69

Data File: S4A9458.D
Report Date: 31-Aug-2005 15:46

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Branched Alkane					CAS #:		
17.182	100252	7.40031003	440	0		0	69
Straight-Chain Alkane					CAS #:		
17.575	559875	41.3283384	2500	0		0	69
1-Eicosene					CAS #: 3452-07-1		
17.958	195862	14.4579612	860	89	NIST98.L	106395	69
Squalene					CAS #: 7683-64-9		
18.072	118083	8.78392778	520	93	NIST98.L	158503	76
Unknown					CAS #:		
18.165	111095	8.26410624	490	0		0	76
Branched Alkane					CAS #:		
18.414	1197250	89.0607246	5300	0		0	76
Cyclic Alkane					CAS #:		
18.466	293392	21.8247685	1300	0		0	76
Unknown					CAS #:		
18.745	253744	18.8754433	1100	0		0	76
1,19-Eicosadiene					CAS #: 14811-95-1		
19.180	194389	14.4601589	860	90	NIST98.L	105306	76
Unknown					CAS #:		
19.283	156233	11.6218202	690	0		0	76
Straight-Chain Alkane					CAS #:		
19.469	1116203	83.0318212	4900	0		0	76
Unknown					CAS #:		
19.563	536271	39.8919890	2400	0		0	76
Cholestan-3-ol, (3.beta.,5.beta.)-					CAS #: 360-68-9		
19.863	2484869	184.843795	11000	90	NIST98.L	153737	76
Cholestan-3-one, (5.beta.)-					CAS #: 601-53-6		
20.122	3106233	231.065660	14000	97	NIST98.L	153185	76
Unknown					CAS #:		
20.380	344338	25.6145264	1500	0		0	76

Data File: S4A9458.D
Report Date: 31-Aug-2005 15:46

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Branched Alkane				CAS #:			
20.887	1014362	75.4560991	4500	0		0	76
Unknown				CAS #:			
21.084	1800473	133.933122	8000	0		0	76
Unknown				CAS #:			
21.322	583744	43.4233983	2600	0		0	76
.gamma.-Sitosterol				CAS #: 83-47-6			
21.653	3761623	279.818643	17000	99	NIST98.L	159285	76
Unknown				CAS #:			
21.788	318603	23.7001579	1400	0		0	76
Unknown				CAS #:			
21.933	667672	49.6666127	3000	0		0	76
Unknown				CAS #:			
22.150	832246	61.9089011	3700	0		0	76
2(1H)Naphthalenone, 3,5,6,7,8,8a-hexahyd				CAS #: 1000188-66-5			
22.285	1880387	139.877744	8300	94	NIST98.L	68225	76
Unknown				CAS #:			
22.978	1387259	103.195065	6100	0		0	76
Unknown				CAS #:			
24.086	235937	17.5508208	1000	0		0	76
Unknown				CAS #:			
24.407	4324508	321.690387	19000	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9458.D

Date : 25-AUG-2005 13:40

Client ID: SD01-S-0

Instrument: S4.i

Sample Info: D0926-05A,,19468,,

Volume Injected (uL): 2.0

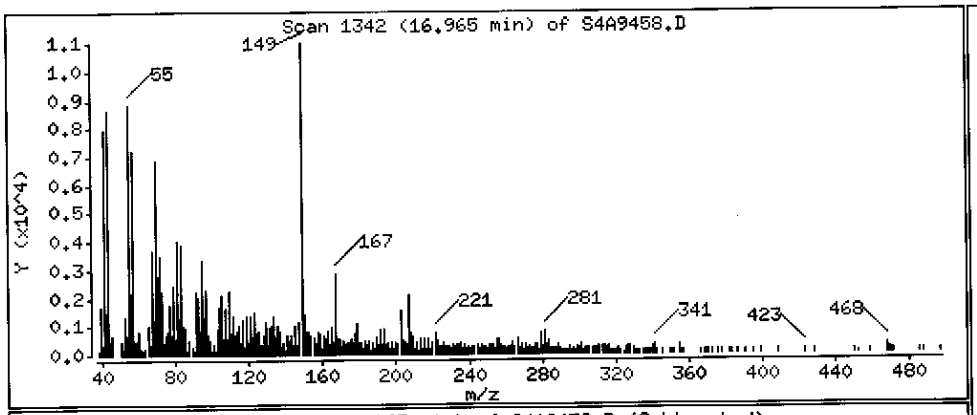
Operator: AW SRC: LIMS

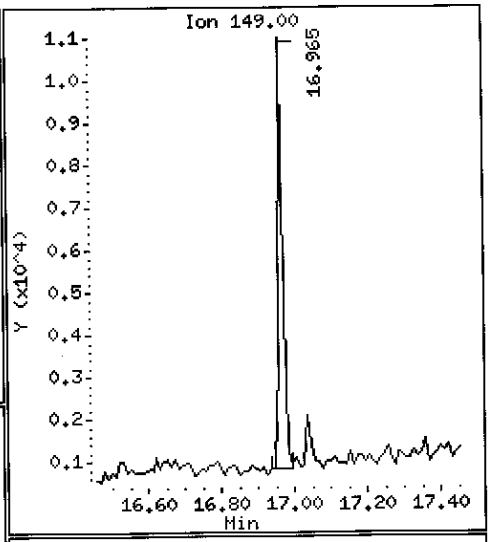
Column phase: DB-5MS

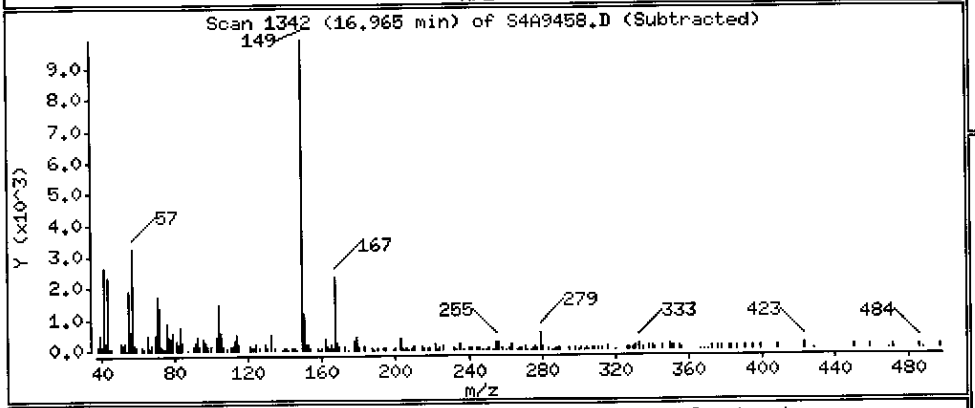
Column diameter: 0.25

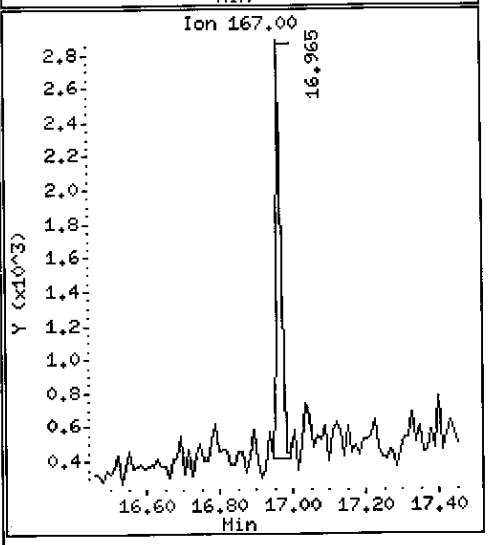
71 bis(2-Ethylhexyl)phthalate

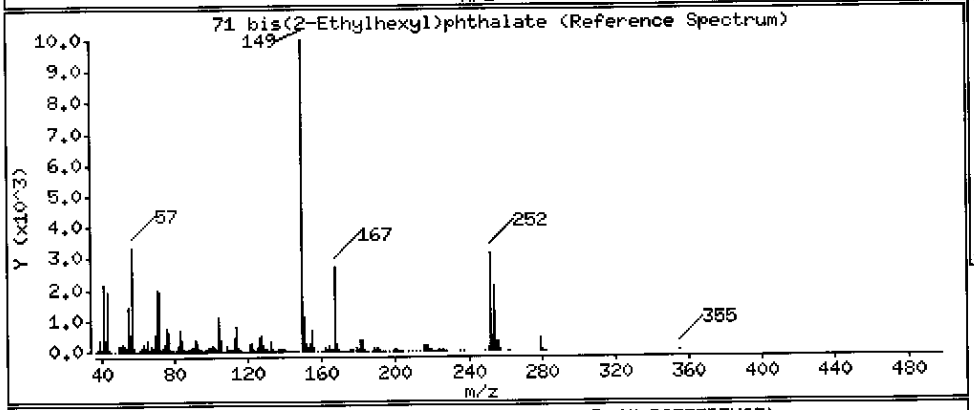
Concentration: 210 ug/Kg

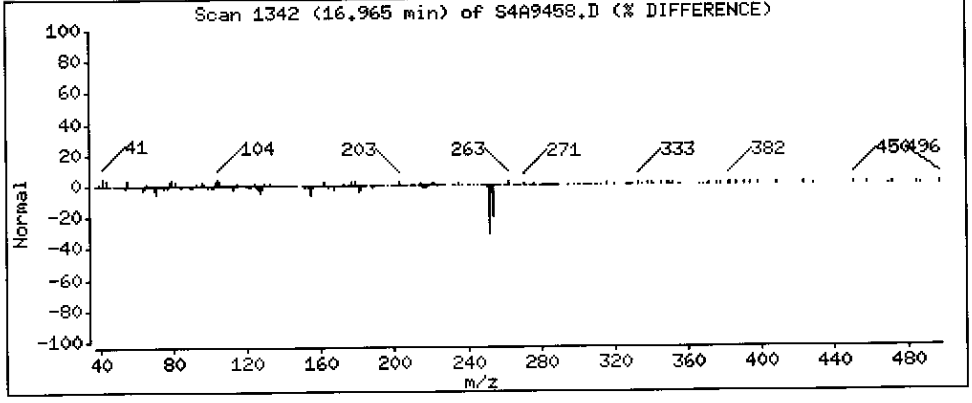












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9458.D

Date : 25-AUG-2005 13:40

Client ID: SD01-S-0

Instrument: S4.i

Sample Info: D0926-05A,,19468,,

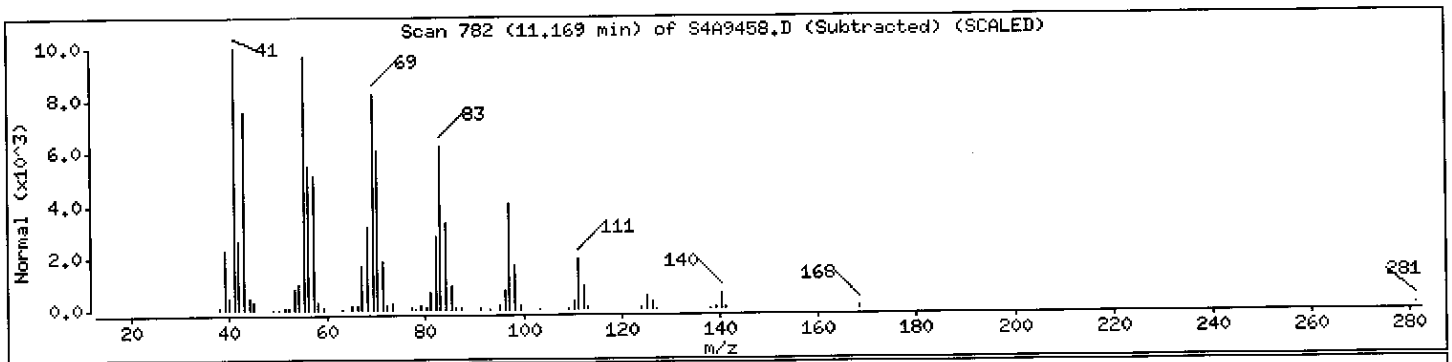
Volume Injected (uL): 2.0

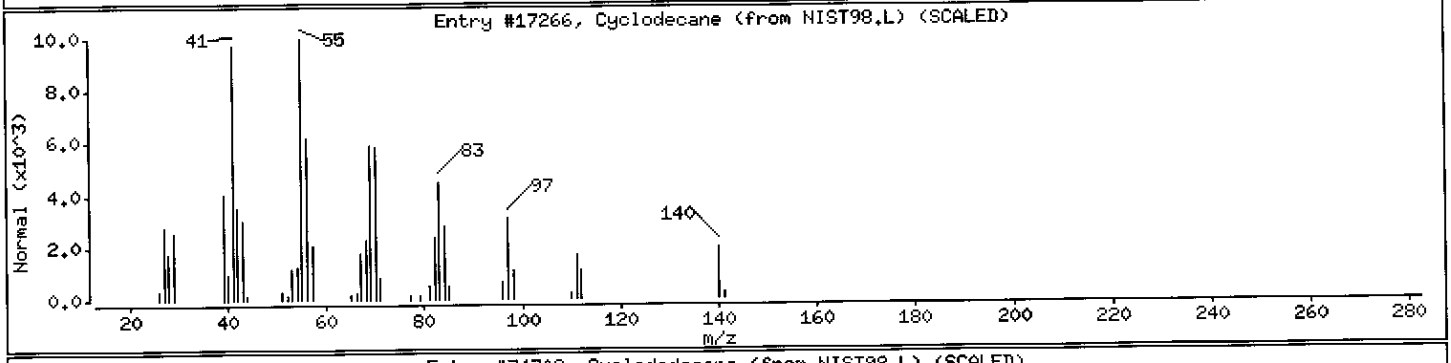
Operator: AW SRC: LIMS

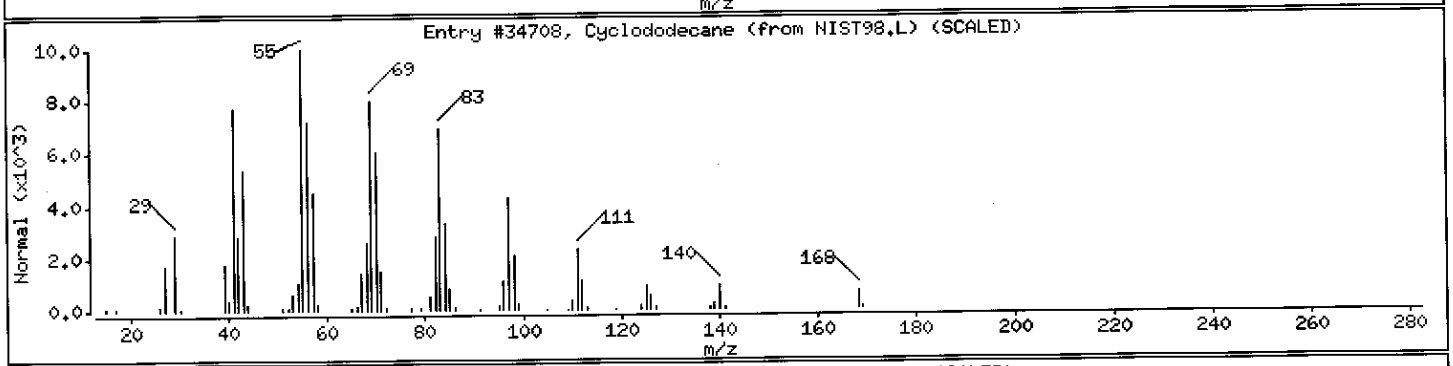
Column phase: DB-5MS

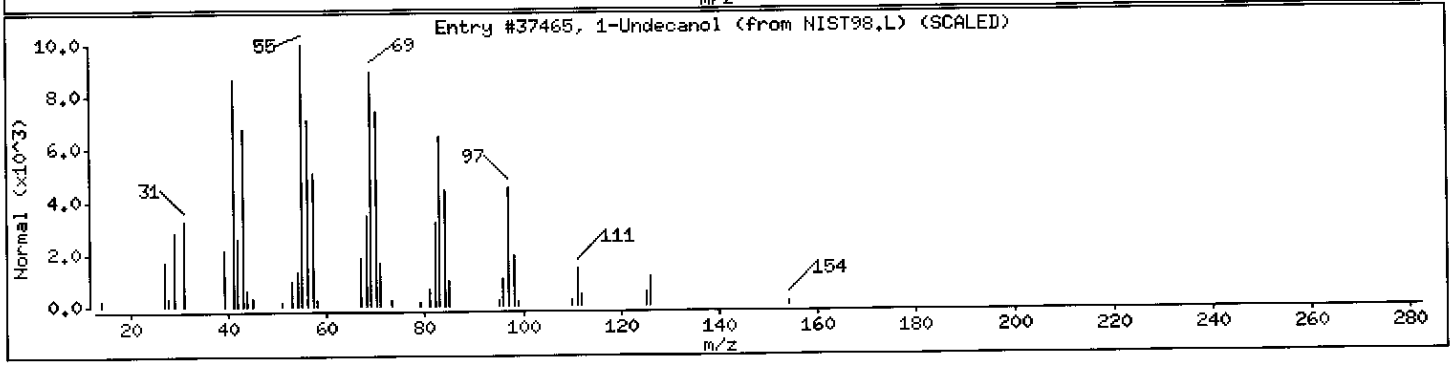
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclodecane	293-96-9	NIST98.L	17266	93	C10H20	140
Cyclododecane	294-62-2	NIST98.L	34708	91	C12H24	168
1-Undecanol	112-42-5	NIST98.L	37465	91	C11H240	172









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Date : 25-AUG-2005 13:40

Client ID: SD01-S-0

Instrument: S4.i

Sample Info: D0926-05A,,19468,,

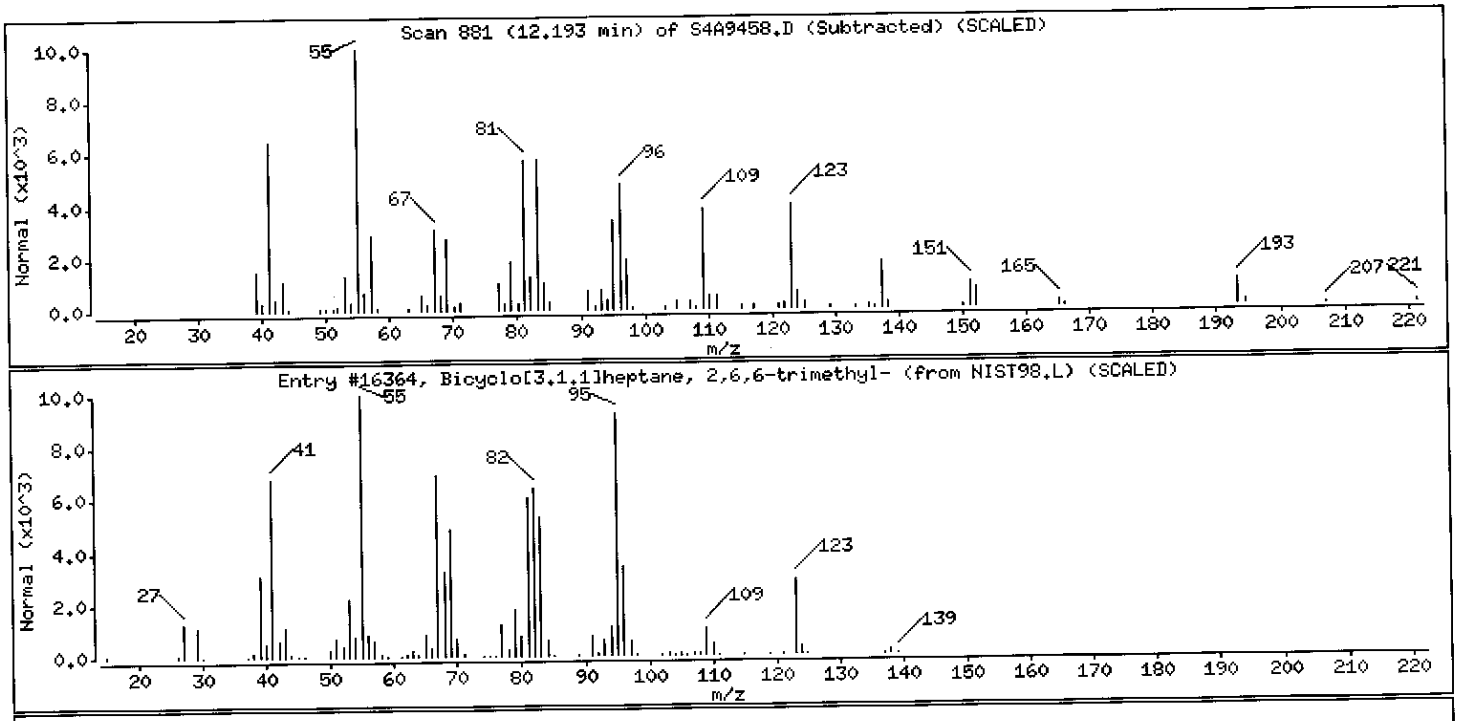
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Bicyclo[3.1.1]heptane, 2,6,6-trimethyl-	473-55-2	NIST98.L	16364	49	C10H18	138



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Date : 25-AUG-2005 13:40

Client ID: SD01-S-0

Instrument: S4.i

Sample Info: D0926-05A,,19468,,

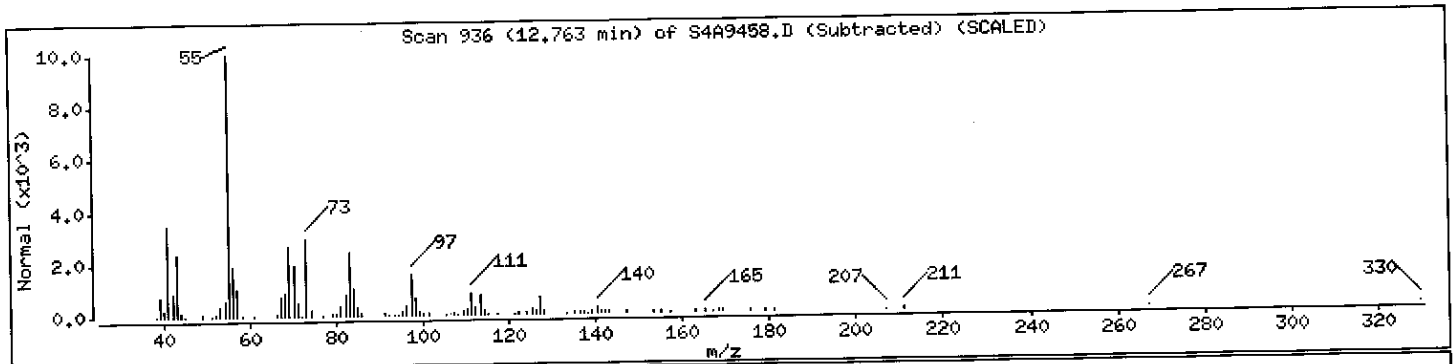
Volume Injected (uL): 2.0

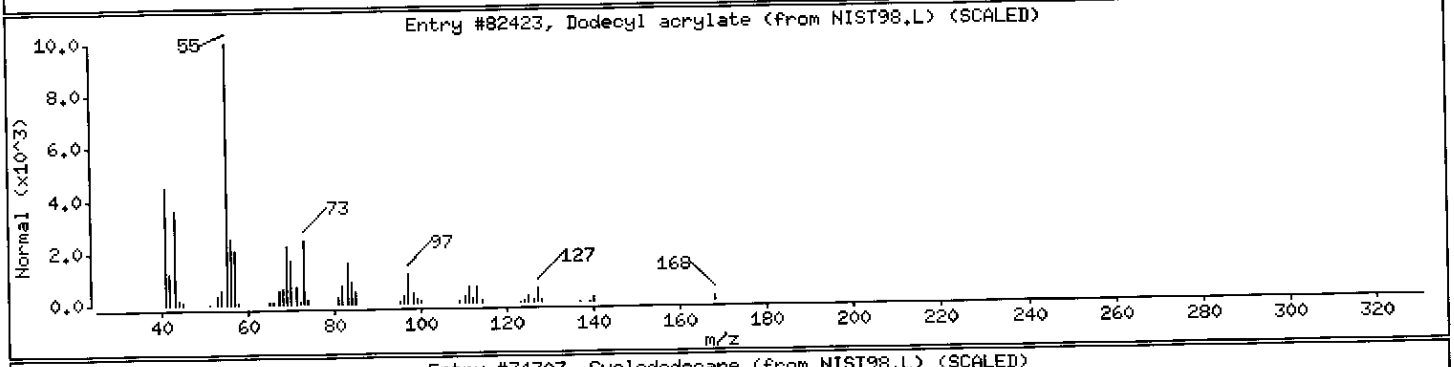
Operator: AW SRC: LIMS

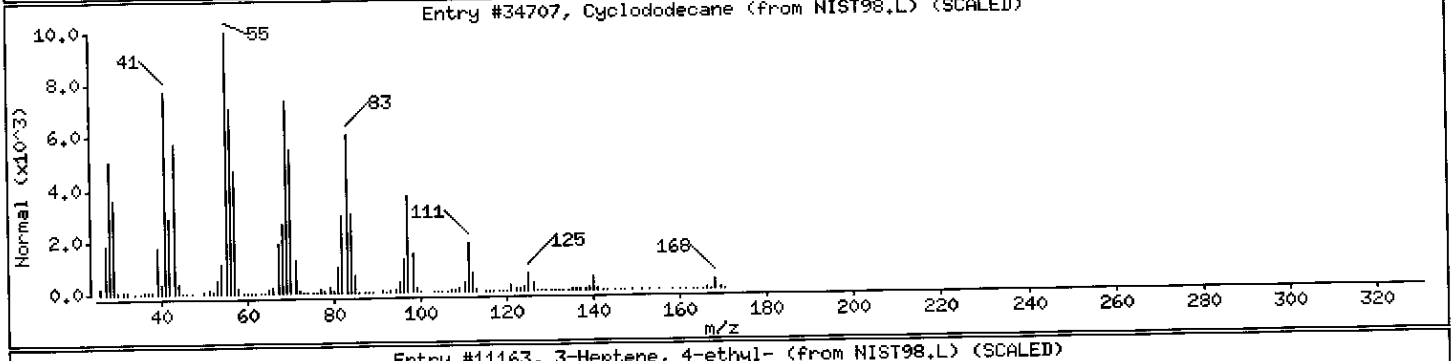
Column phase: DB-5MS

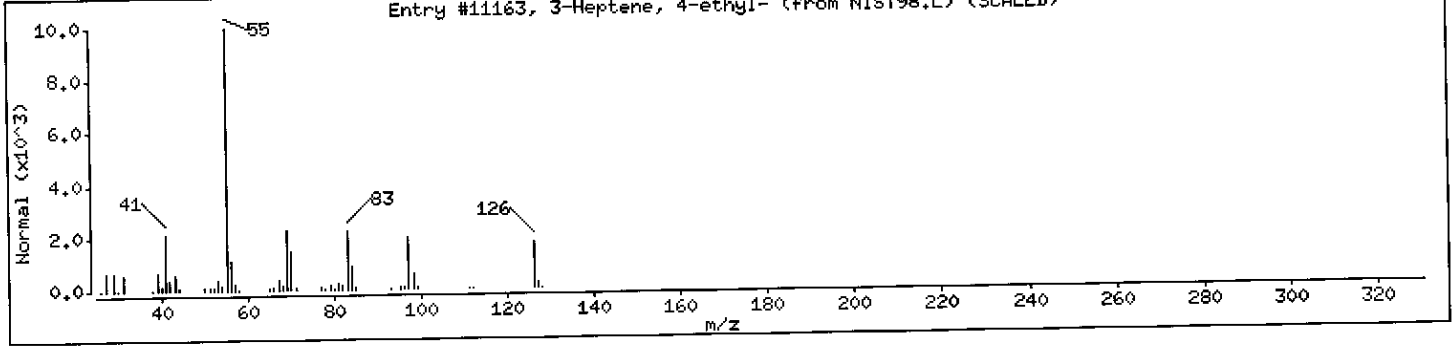
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Dodecyl acrylate	2156-97-0	NIST98.L	82423	64	C15H28O2	240
Cyclododecane	294-62-2	NIST98.L	34707	52	C12H24	168
3-Heptene, 4-ethyl-	33933-74-3	NIST98.L	11163	52	C9H18	126









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9458.D

Date : 25-AUG-2005 13:40

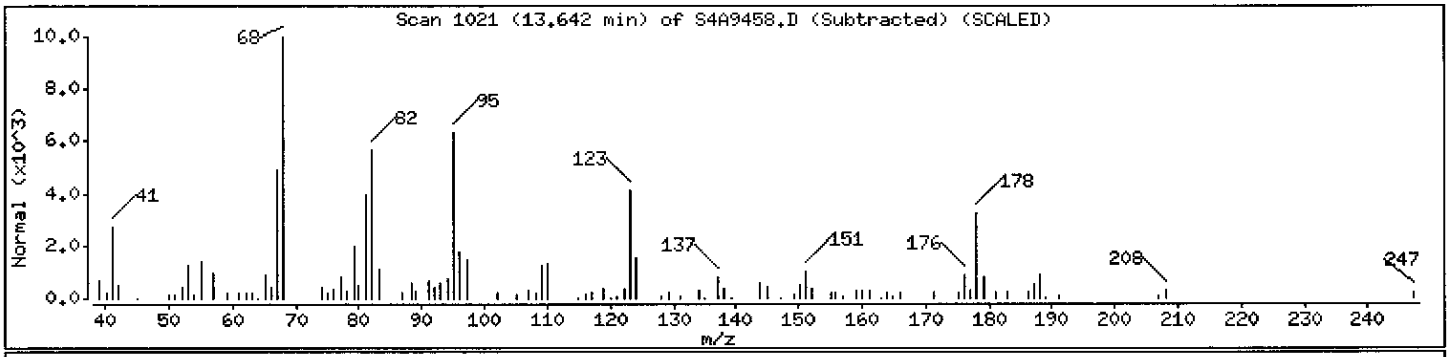
Client ID: SD01-S-0 Instrument: S4.i

Sample Info: D0926-05A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 13:40

Client ID: SD01-S-0

Instrument: S4.i

Sample Info: D0926-05A,,19468,,

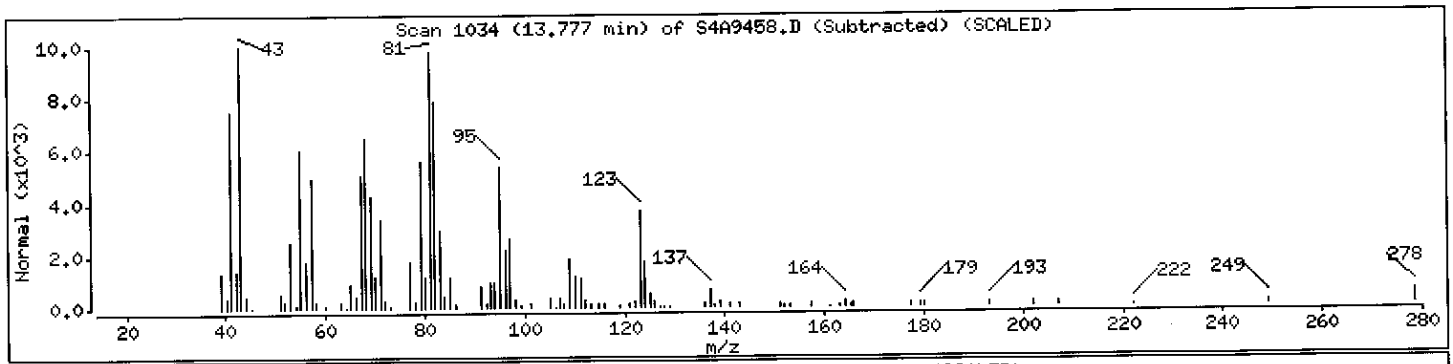
Volume Injected (uL): 2.0

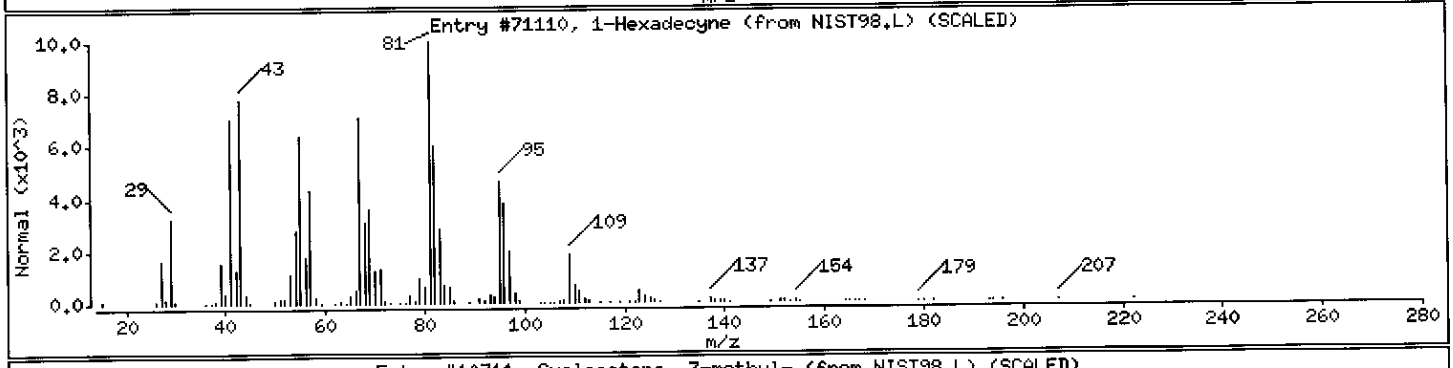
Operator: AW SRC: LIMS

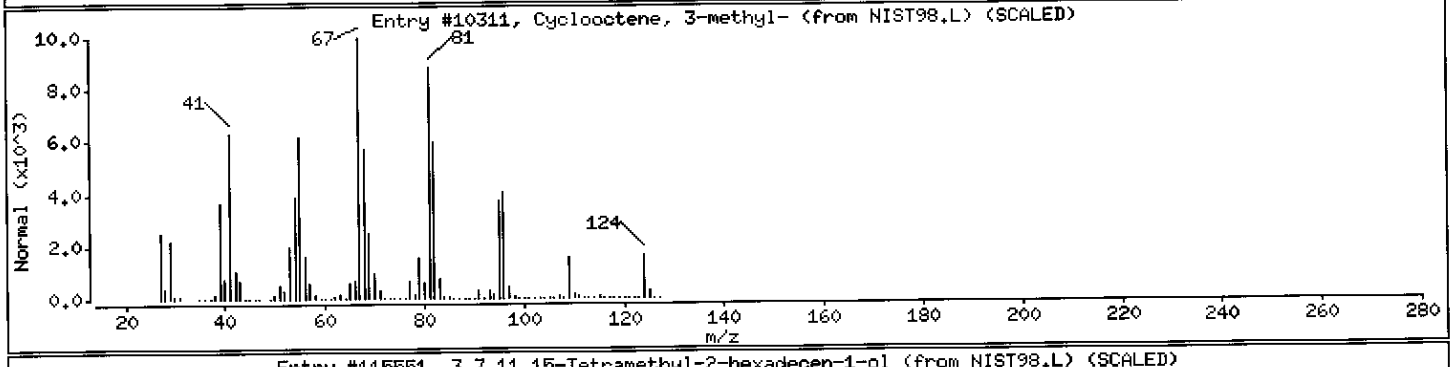
Column phase: DB-5MS

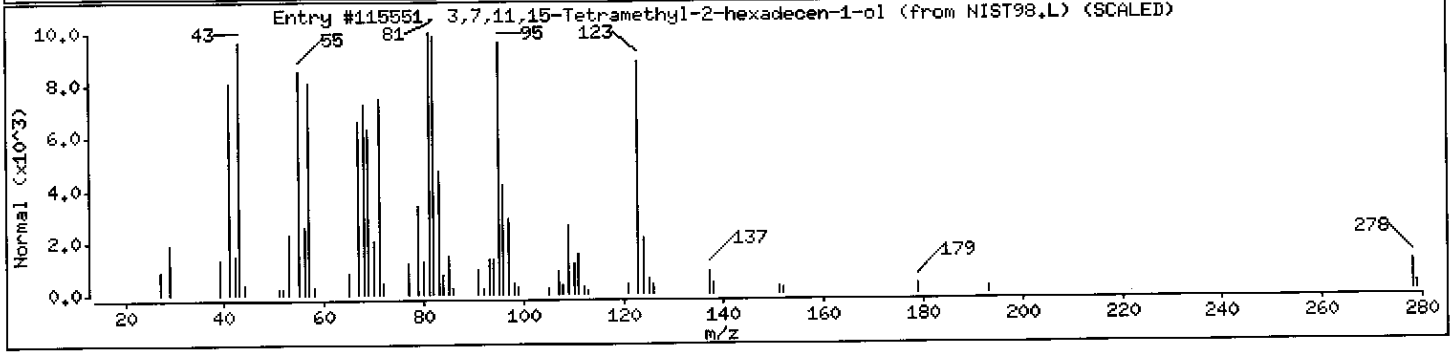
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Hexadecyne	629-74-3	NIST98.L	71110	58	C16H30	222
Cyclooctene, 3-methyl-	13152-05-1	NIST98.L	10311	52	C9H16	124
3,7,11,15-Tetramethyl-2-hexadecen-1-ol	102608-53-7	NIST98.L	115551	43	C20H40O	296









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Date : 25-AUG-2005 13:40

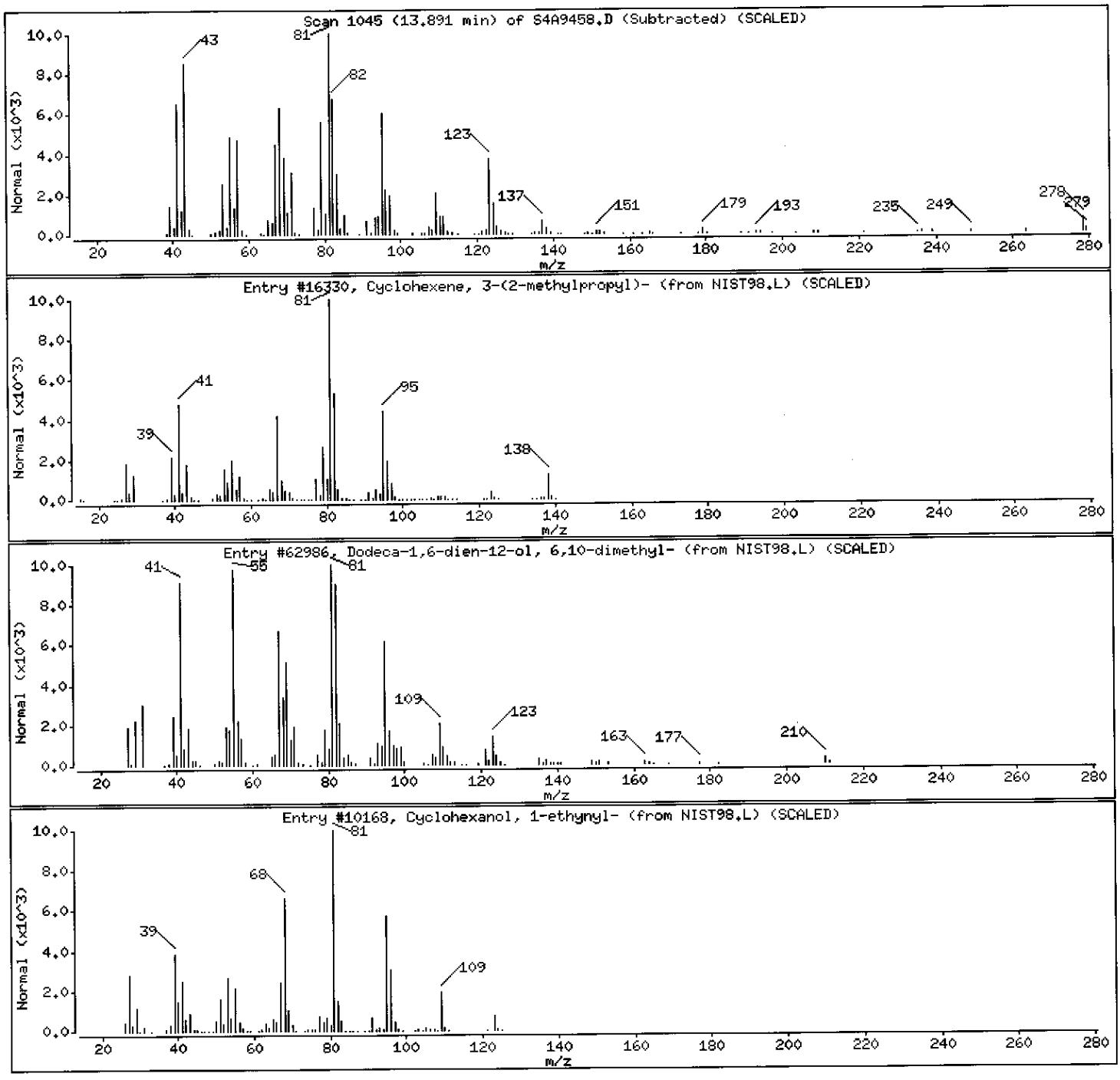
Client ID: SD01-S-0 Instrument: S4.i

Sample Info: D0926-05A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclohexene, 3-(2-methylpropyl)-	4104-56-7	NIST98.L	16330	62	C10H18	138
Dodeca-1,6-dien-12-ol, 6,10-dimethyl-	1000156-13-8	NIST98.L	62986	59	C14H26O	210
Cyclohexanol, 1-ethynyl-	78-27-3	NIST98.L	10168	47	C8H12O	124



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Date : 25-AUG-2005 13:40

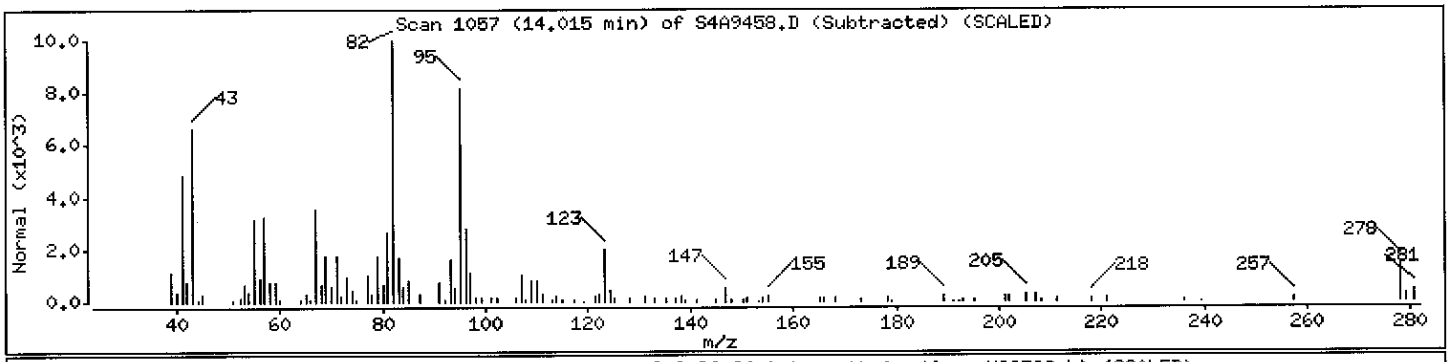
Client ID: SD01-S-0 Instrument: S4.i

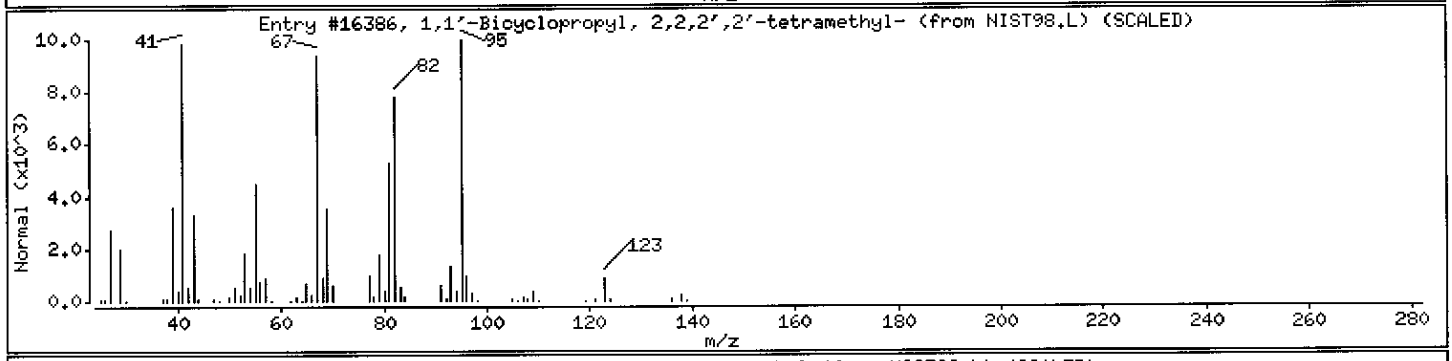
Sample Info: D0926-05A,,19468,,

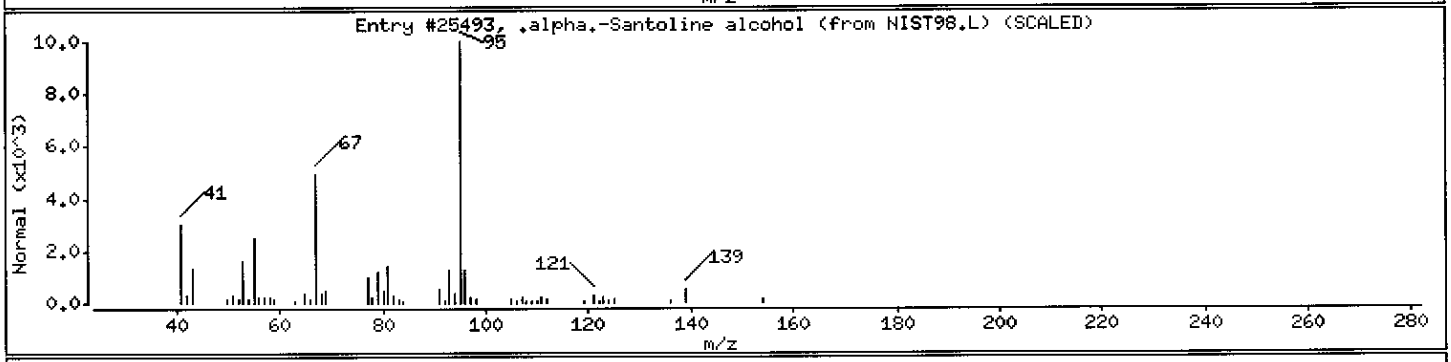
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1,1'-Bicyclopropyl, 2,2,2',2'-tetramethy	68998-20-9	NIST98.L	16386	43	C10H18	138
.alpha.-Santoline alcohol	90823-36-2	NIST98.L	25493	42	C10H18O	154







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Date : 25-AUG-2005 13:40

Client ID: SD01-S-0

Instrument: S4.i

Sample Info: D0926-05A,,19468,,

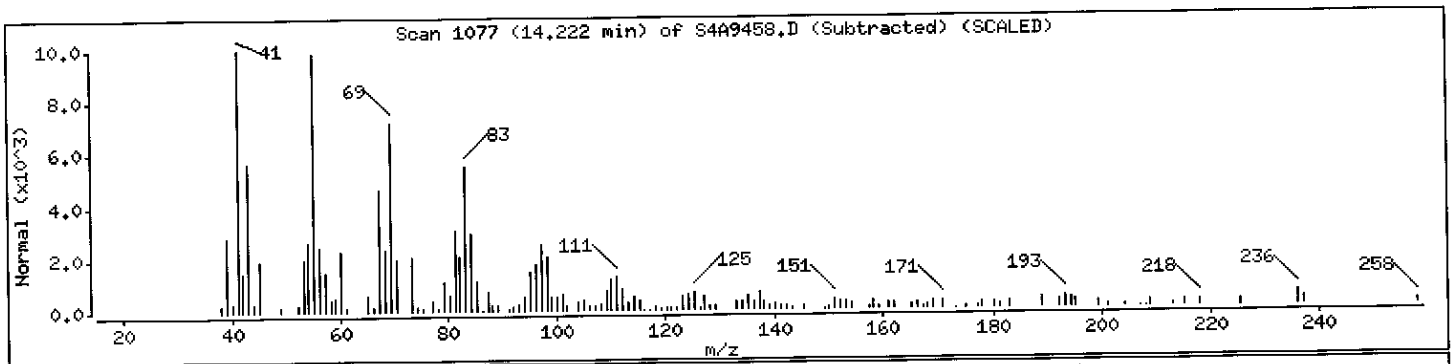
Volume Injected (uL): 2.0

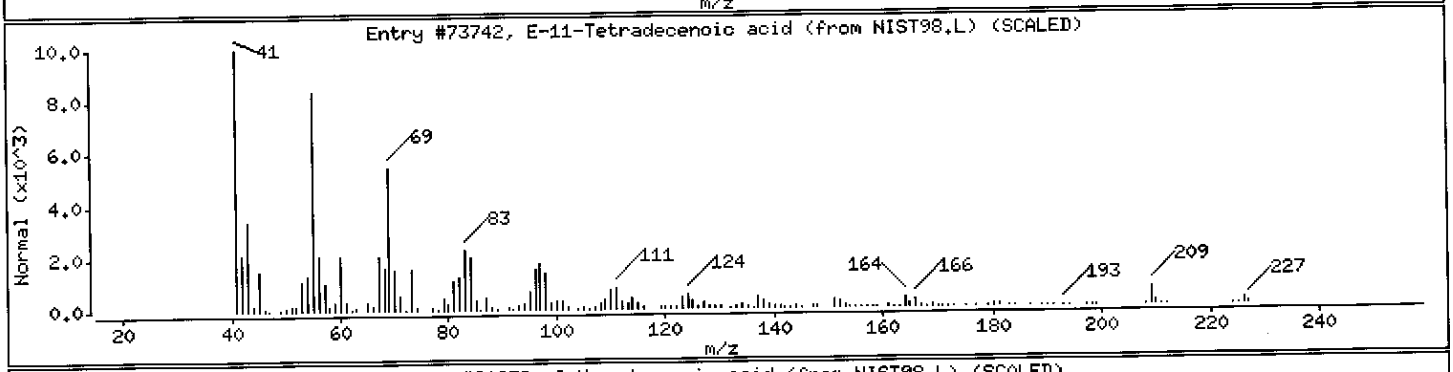
Operator: AW SRC: LIMS

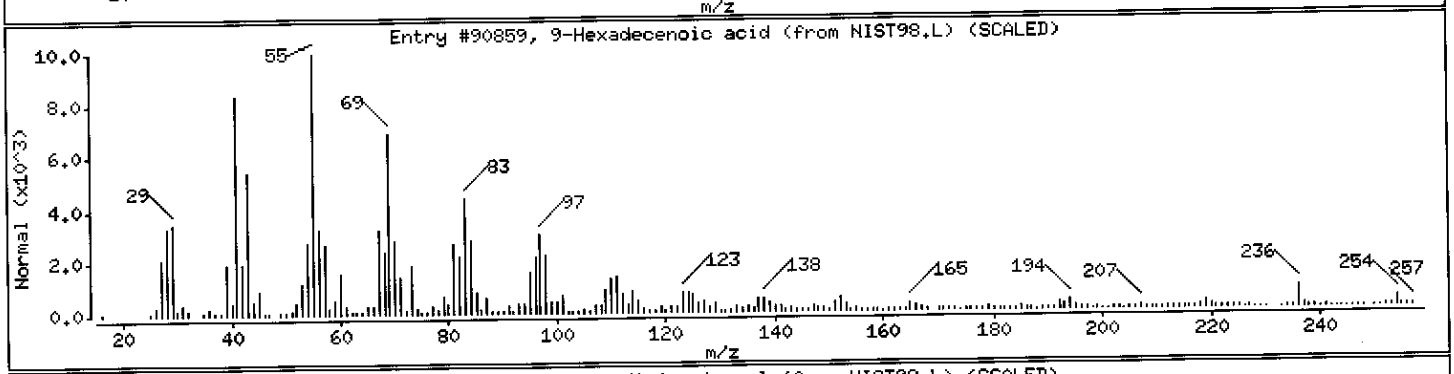
Column phase: DB-5MS

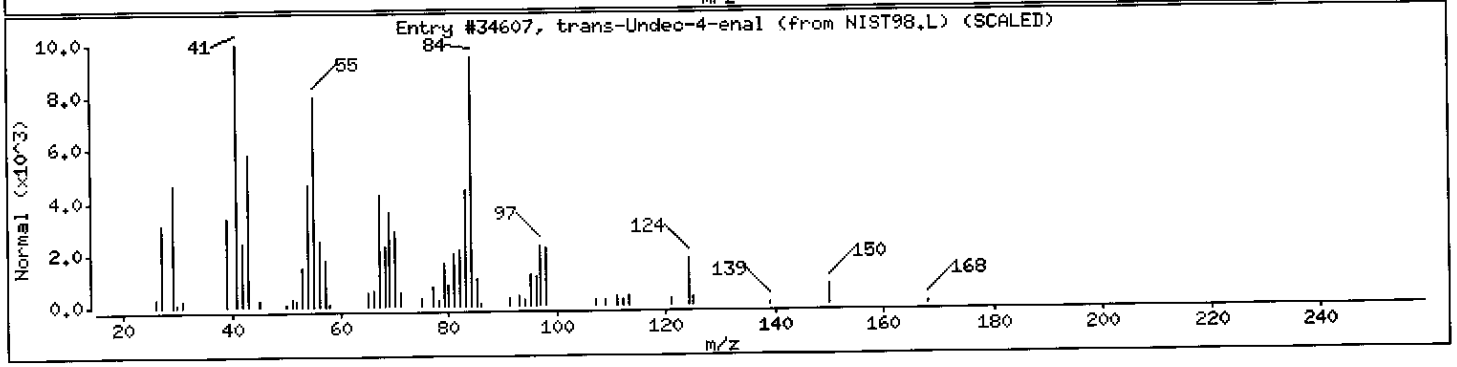
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
E-11-Tetradecenoic acid	1000130-96-2	NIST98.L	73742	64	C14H2602	226
9-Hexadecenoic acid	2091-29-4	NIST98.L	90859	58	C16H3002	254
trans-Undec-4-enal	68820-35-9	NIST98.L	34607	53	C11H200	168









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Date : 25-AUG-2005 13:40

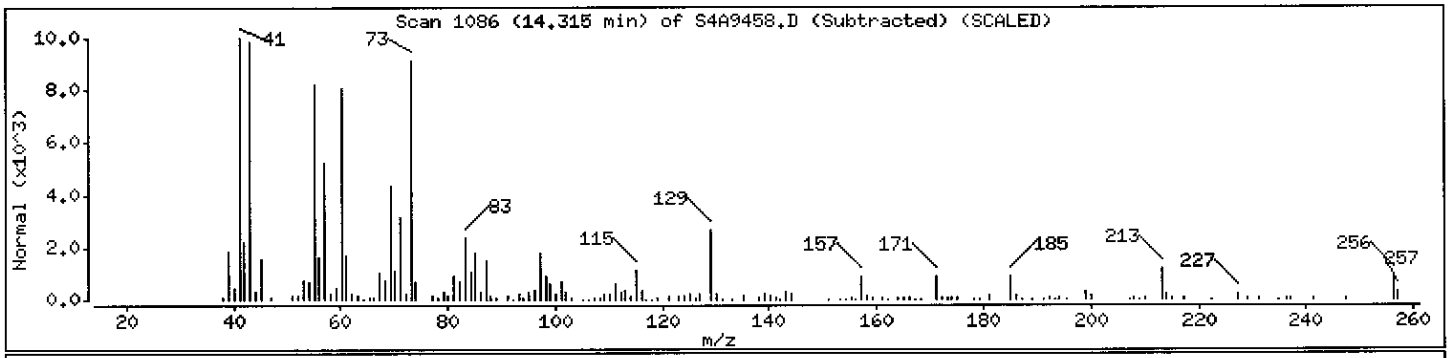
Client ID: SD01-S-0 Instrument: S4.i

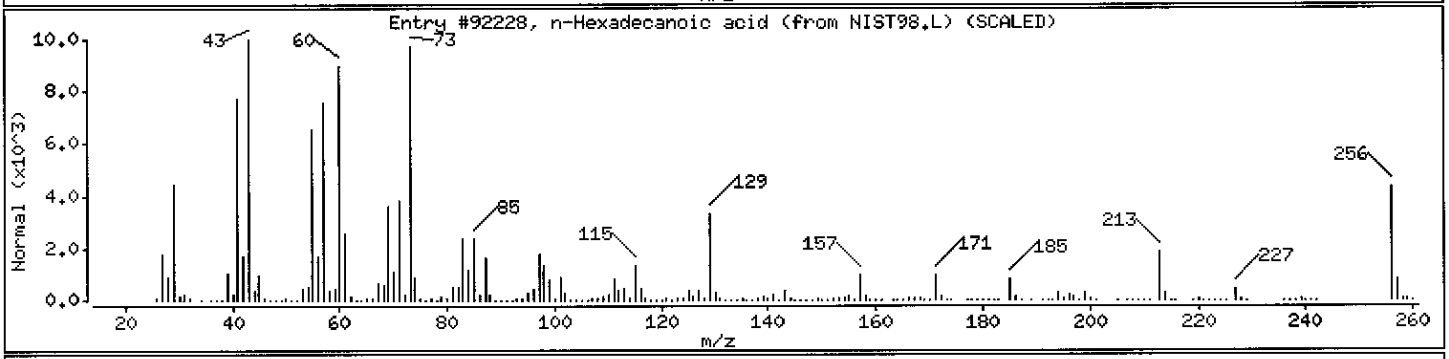
Sample Info: D0926-05A,,19468,,

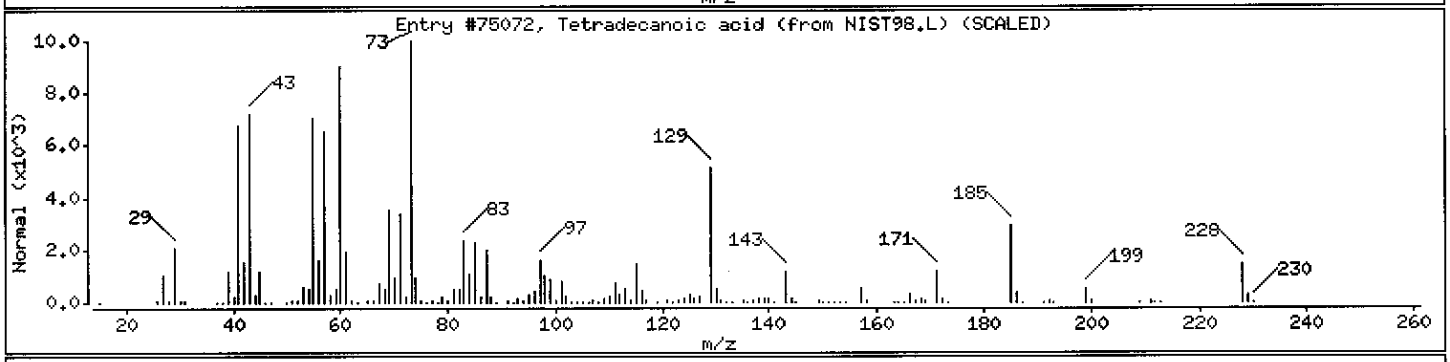
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

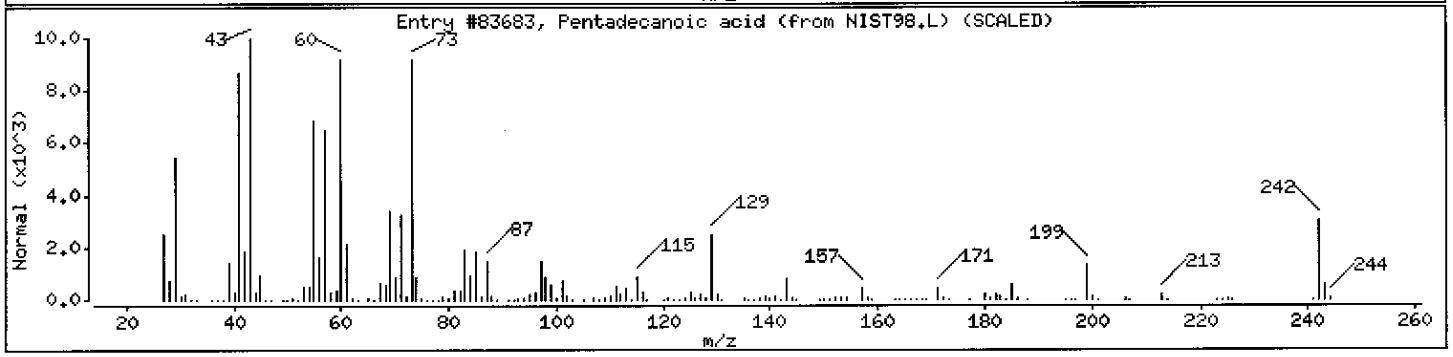
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
n-Hexadecanoic acid	57-10-3	NIST98.L	92228	98	C16H32O2	256
Tetradecanoic acid	544-63-8	NIST98.L	75072	86	C14H28O2	228
Pentadecanoic acid	1002-84-2	NIST98.L	83683	80	C15H30O2	242









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Date : 25-AUG-2005 13:40

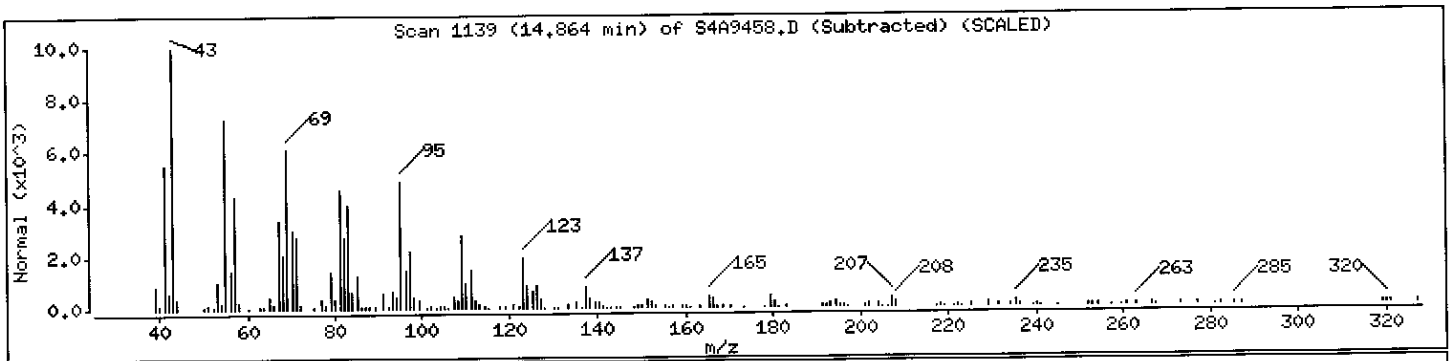
Client ID: SD01-S-0 Instrument: S4.i

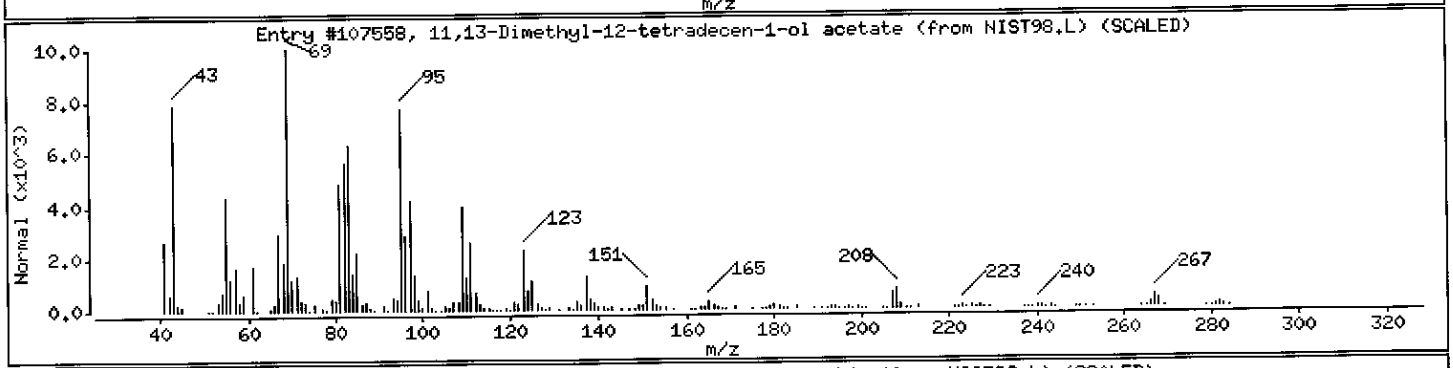
Sample Info: D0926-05A,,19468,,

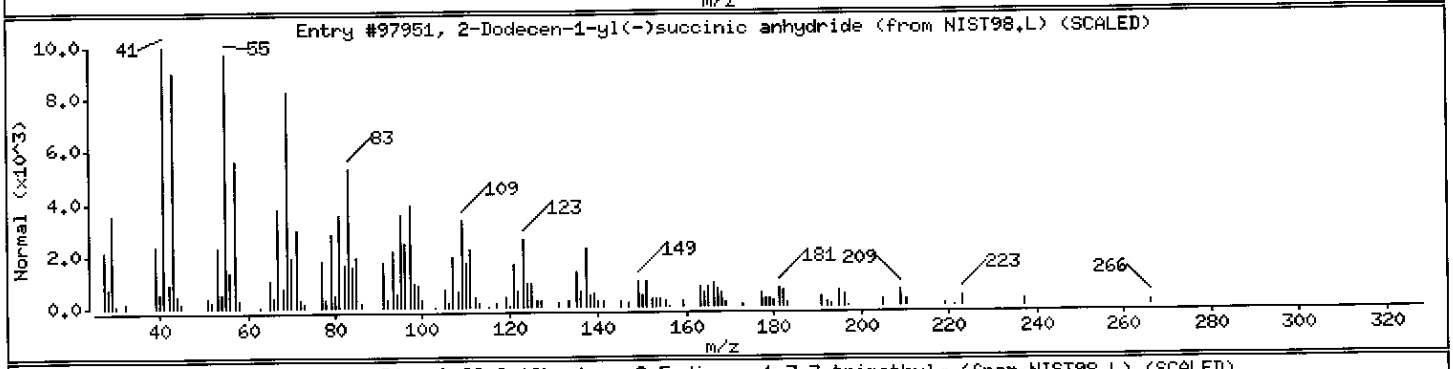
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

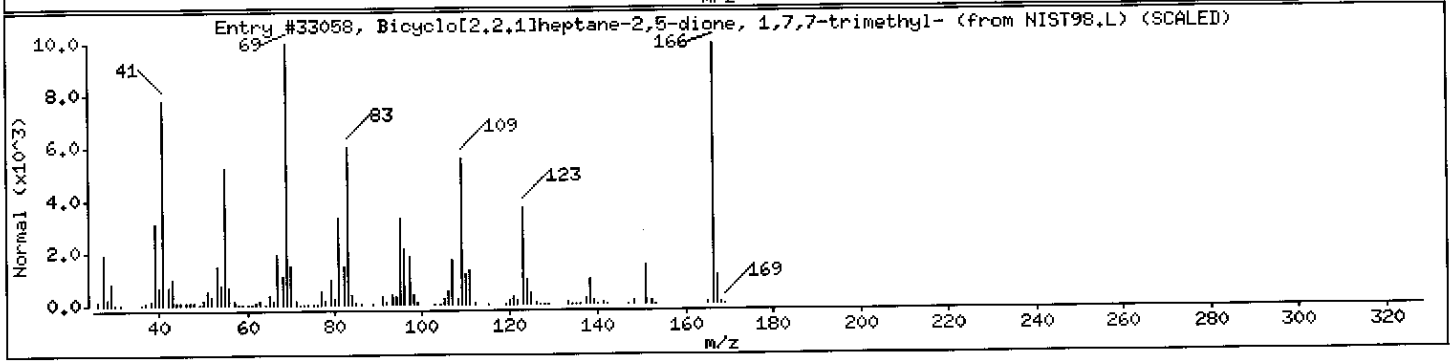
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11,13-Dimethyl-12-tetradecen-1-ol acetat	1000130-81-0	NIST98.L	107558	95	C18H3402	282
2-Dodecen-1-yl(-)succinic anhydride	19780-11-1	NIST98.L	97951	86	C16H2603	266
Bicyclo[2.2.1]heptane-2,5-dione, 1,7,7-t	4230-32-4	NIST98.L	33058	53	C10H1402	166









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9458.D

Date : 25-AUG-2005 13:40

Client ID: SD01-S-0

Instrument: S4.i

Sample Info: D0926-05A,,19468,,

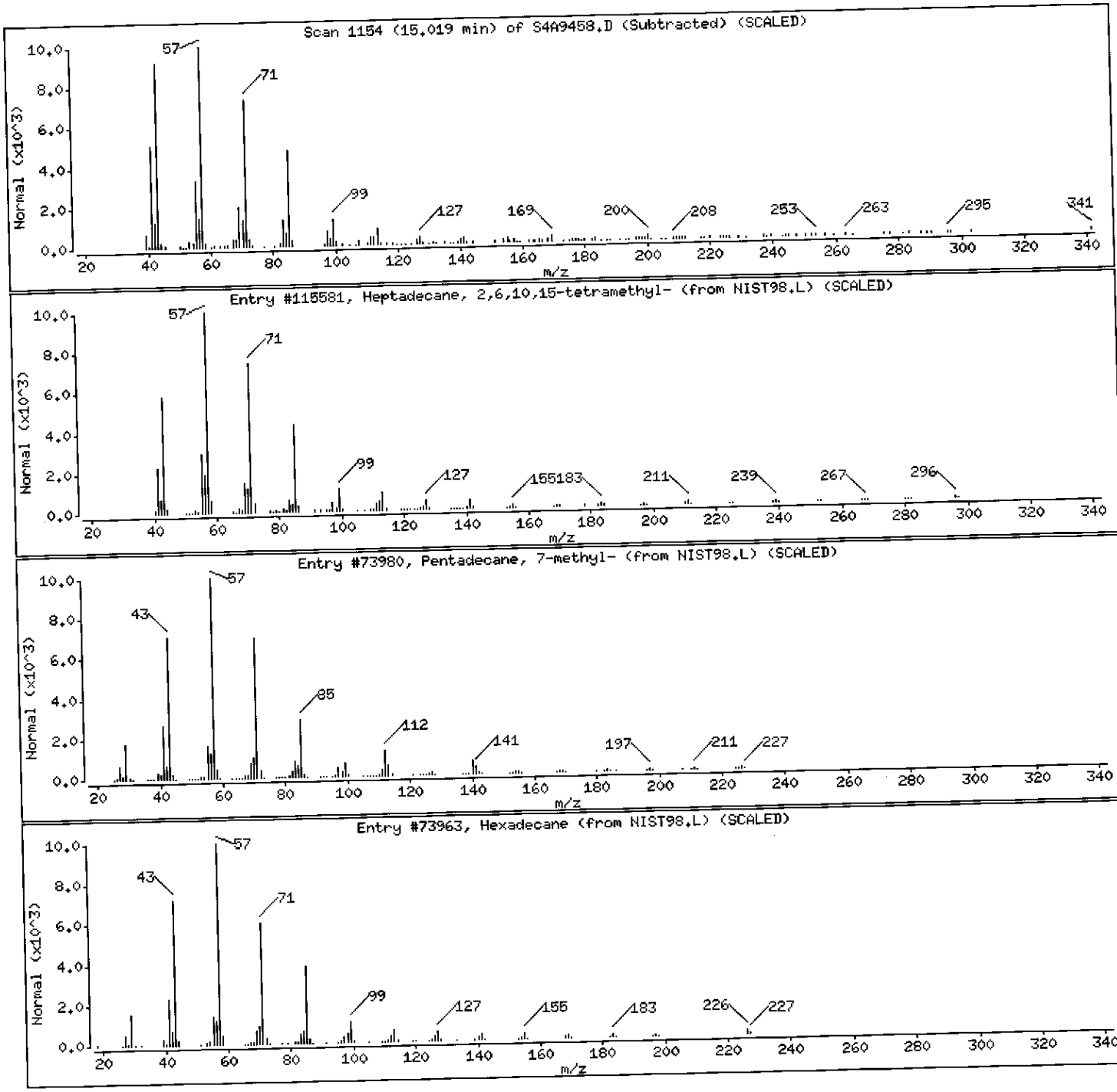
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST98.L	115581	96	C21H44	296
Pentadecane, 7-methyl-	6165-40-8	NIST98.L	73980	91	C16H34	226
Hexadecane	544-76-3	NIST98.L	73963	91	C16H34	226



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9458.D

Date : 25-AUG-2005 13:40

Client ID: SD01-S-0

Instrument: S4.i

Sample Info: D0926-05A,,19468,,

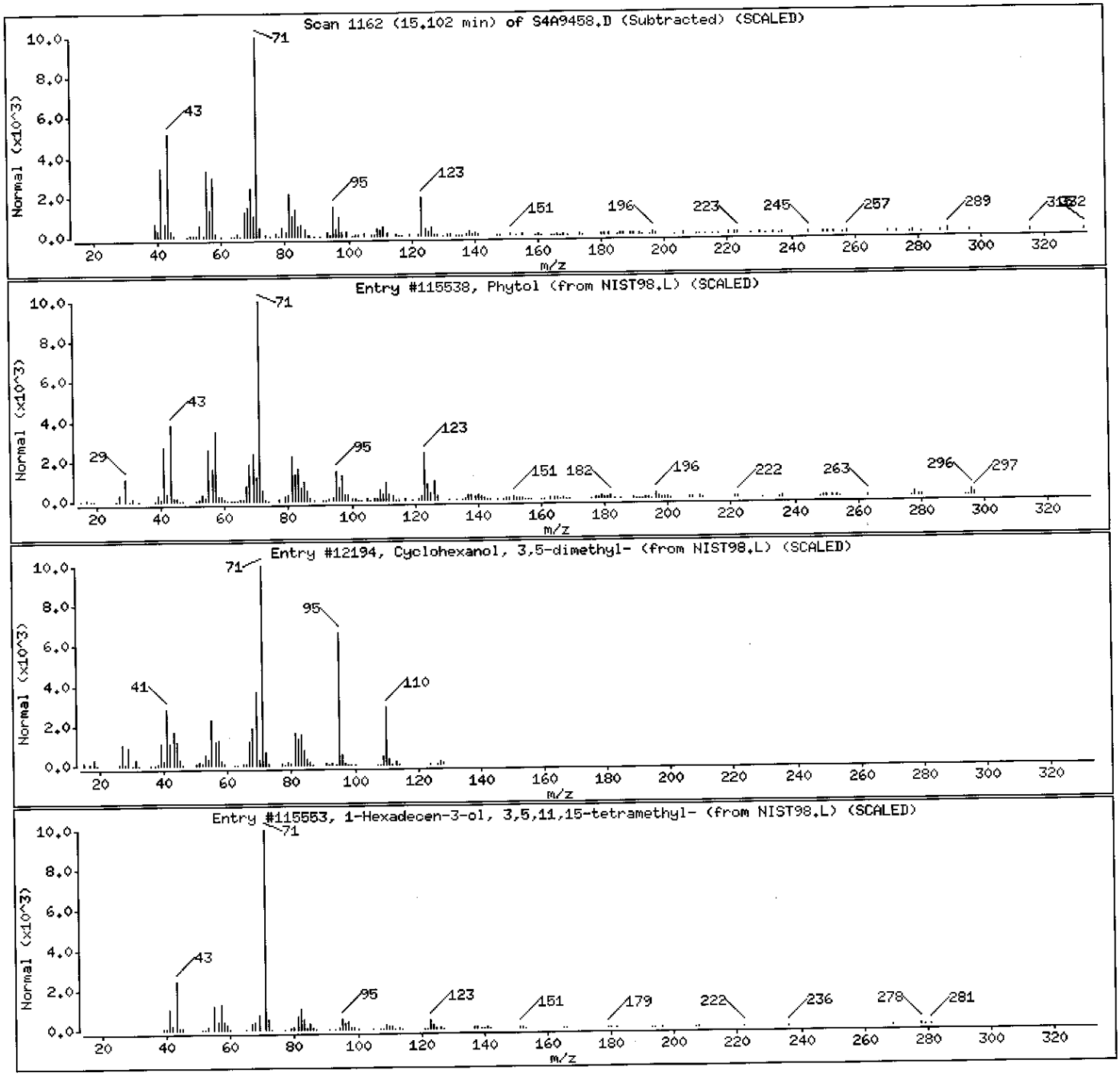
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phytol	150-86-7	NIST98.L	115538	95	C20H40O	296
Cyclohexanol, 3,5-dimethyl-	5441-52-1	NIST98.L	12194	55	C8H16O	128
1-Hexadecen-3-ol, 3,5,11,15-tetramethyl-	1000262-55-5	NIST98.L	115553	53	C20H40O	296



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Date : 25-AUG-2005 13:40

Client ID: SD01-S-0

Instrument: S4.i

Sample Info: D0926-05A,,19468,,

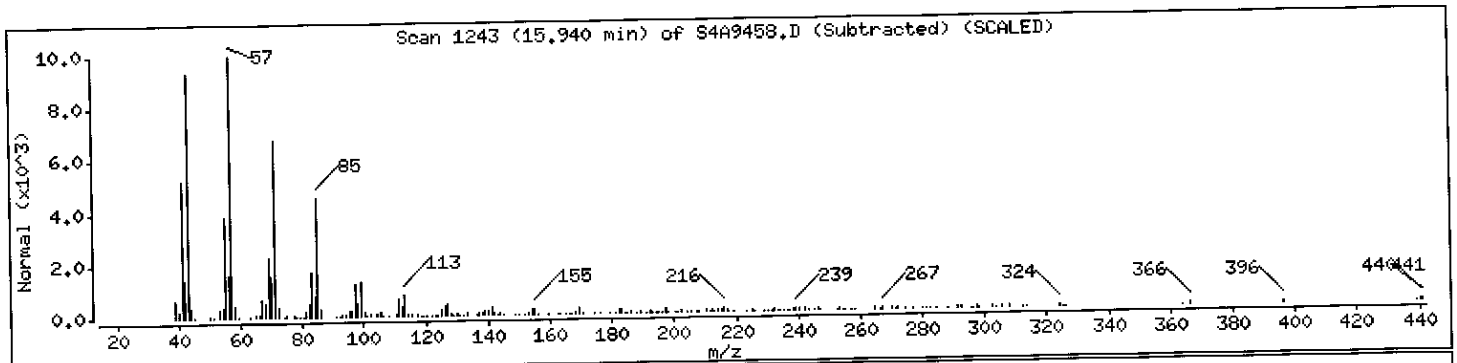
Volume Injected (uL): 2.0

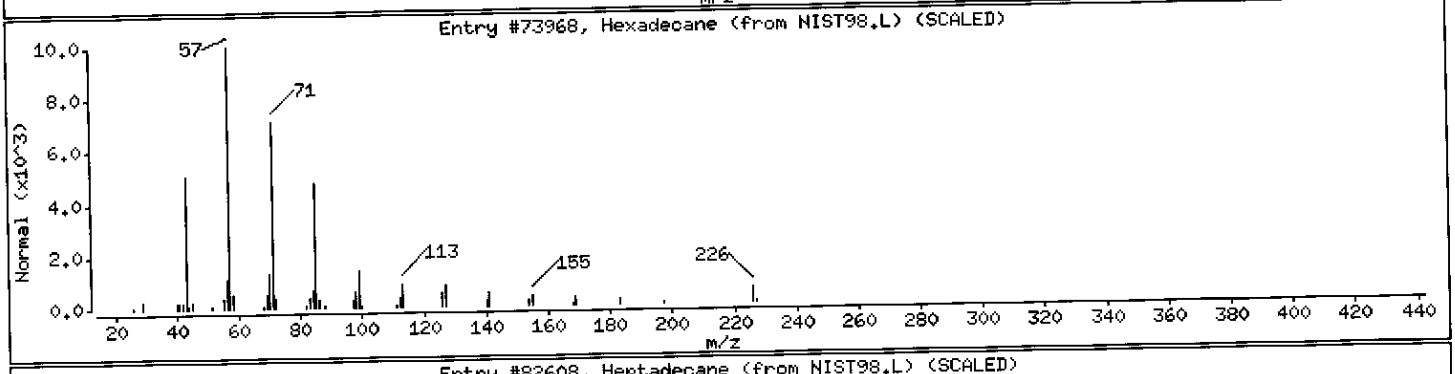
Operator: AW SRC: LIMS

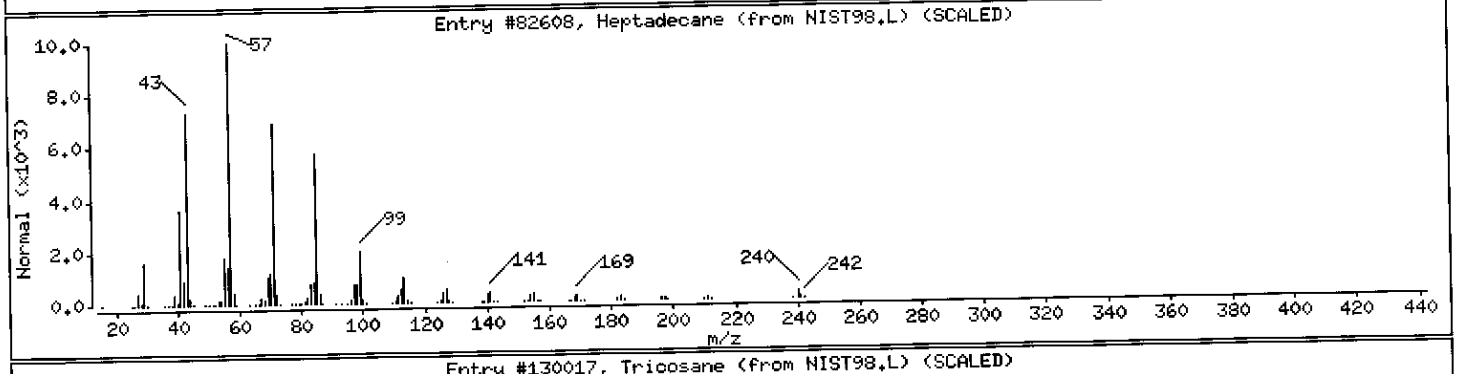
Column phase: DB-5MS

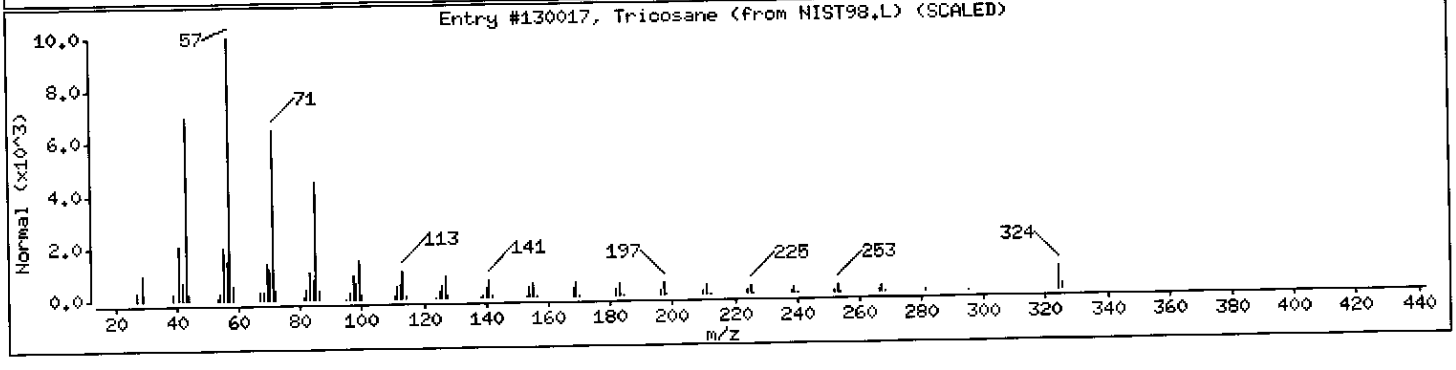
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Hexadecane	544-76-3	NIST98.L	73968	96	C16H34	226
Heptadecane	629-78-7	NIST98.L	82608	95	C17H36	240
Tricosane	638-67-5	NIST98.L	130017	94	C23H48	324









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Date : 25-AUG-2005 13:40

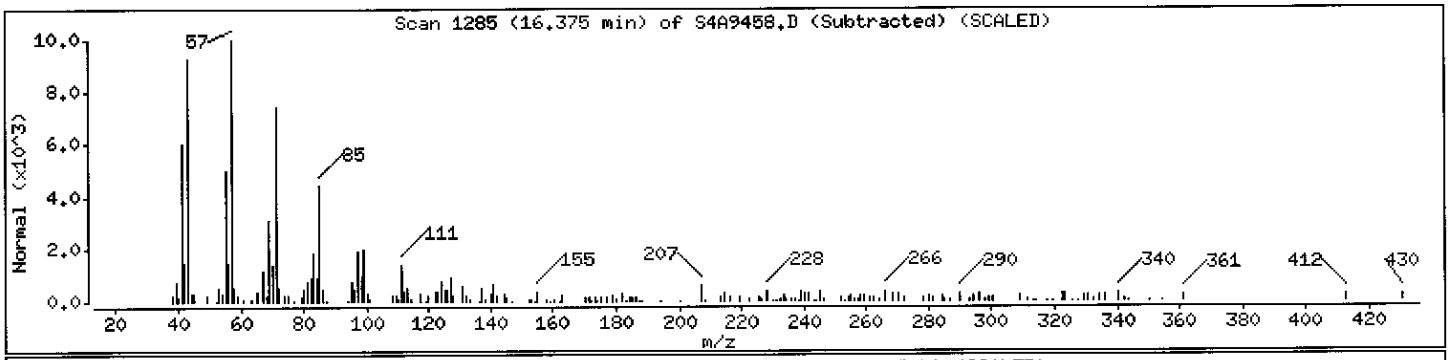
Client ID: SD01-S-0 Instrument: S4.i

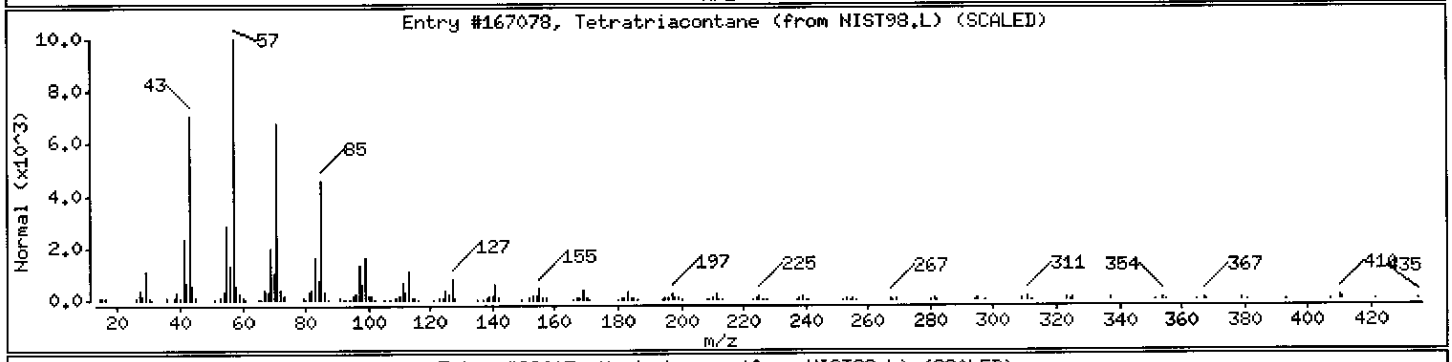
Sample Info: D0926-05A,,19468,,

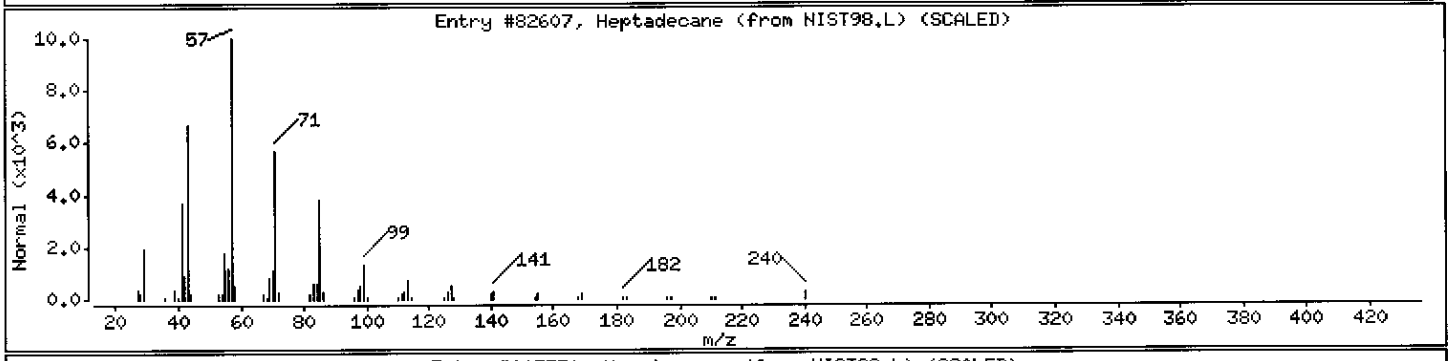
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

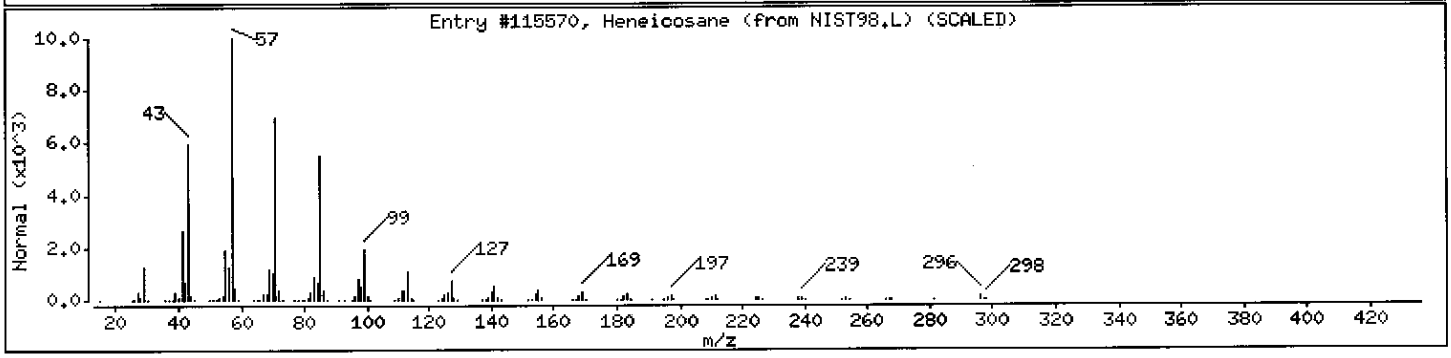
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Tetratriacontane	14167-59-0	NIST98.L	167078	91	C34H70	479
Heptadecane	629-78-7	NIST98.L	82607	90	C17H36	240
Heneicosane	629-94-7	NIST98.L	115570	86	C21H44	296









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Date : 25-AUG-2005 13:40

Client ID: SD01-S-0

Instrument: S4.i

Sample Info: D0926-05A,,19468,,

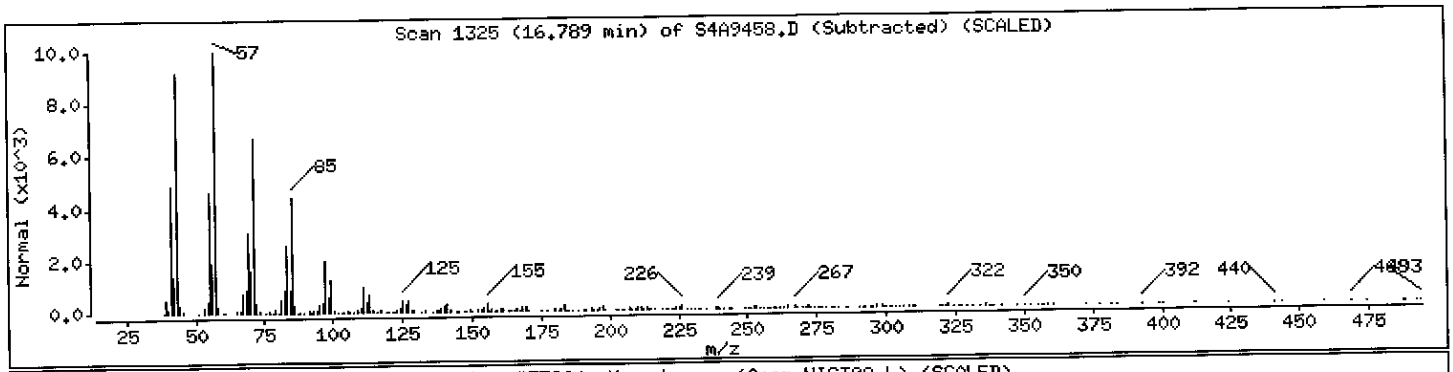
Volume Injected (uL): 2.0

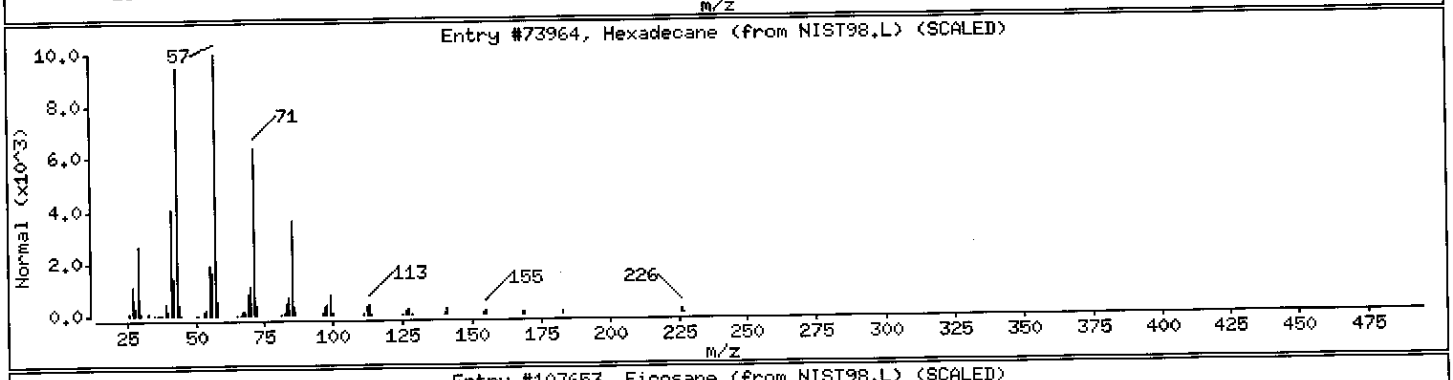
Operator: AW SRC: LIMS

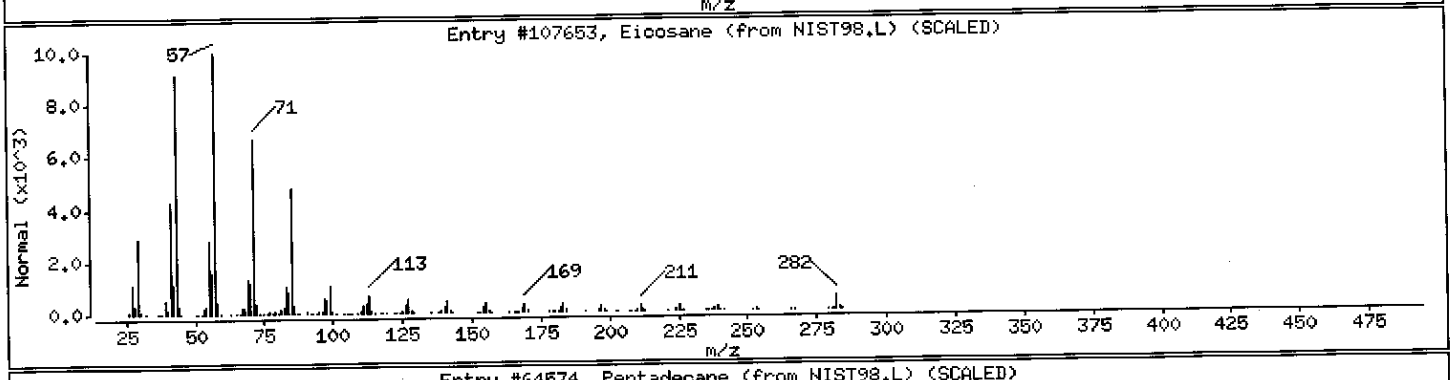
Column phase: DB-5MS

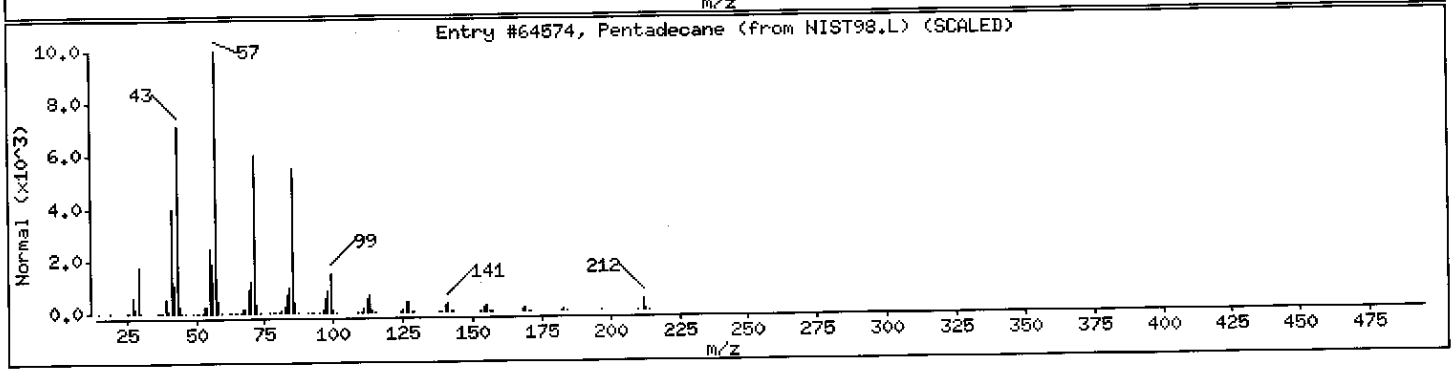
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Hexadecane	544-76-3	NIST98.L	73964	96	C16H34	226
Eicosane	112-95-8	NIST98.L	107653	94	C20H42	282
Pentadecane	629-62-9	NIST98.L	64574	93	C15H32	212









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Date : 25-AUG-2005 13:40

Client ID: SD01-S-0

Instrument: S4.i

Sample Info: D0926-05A,,19468,,

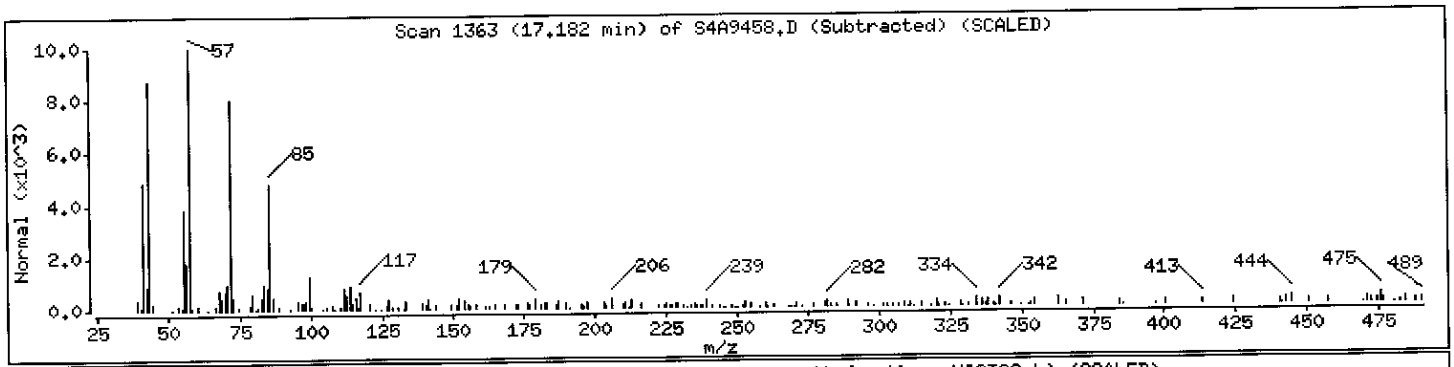
Volume Injected (uL): 2.0

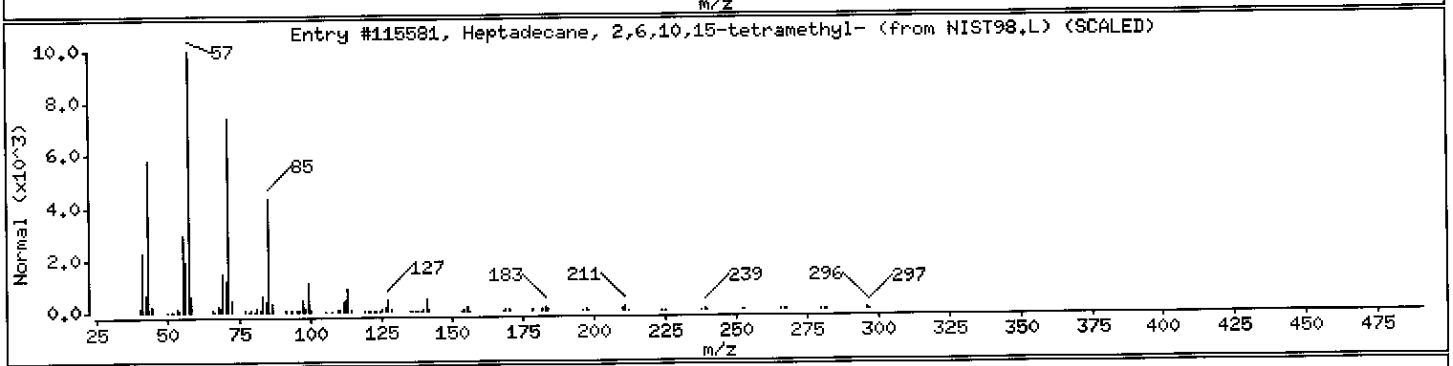
Operator: AW SRC: LIMS

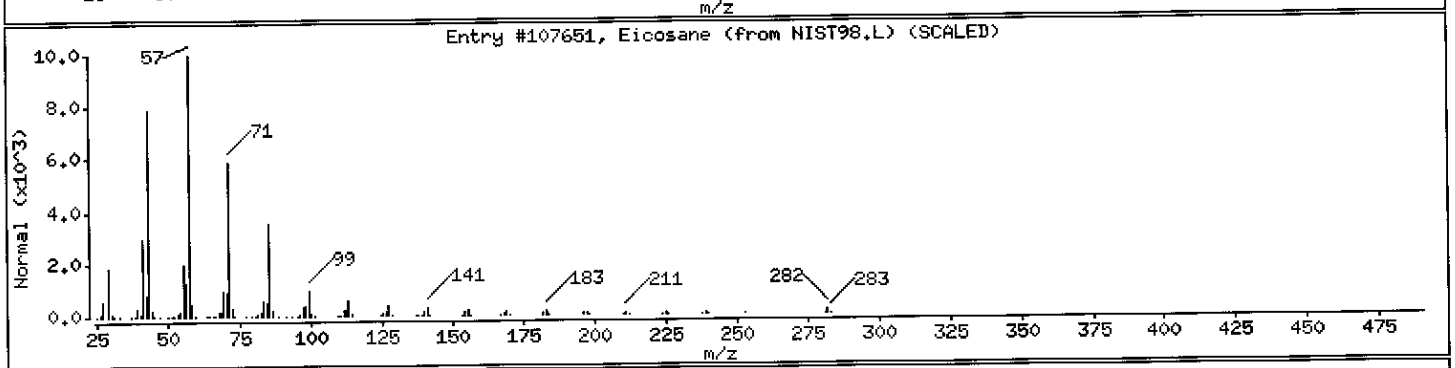
Column phase: DB-5MS

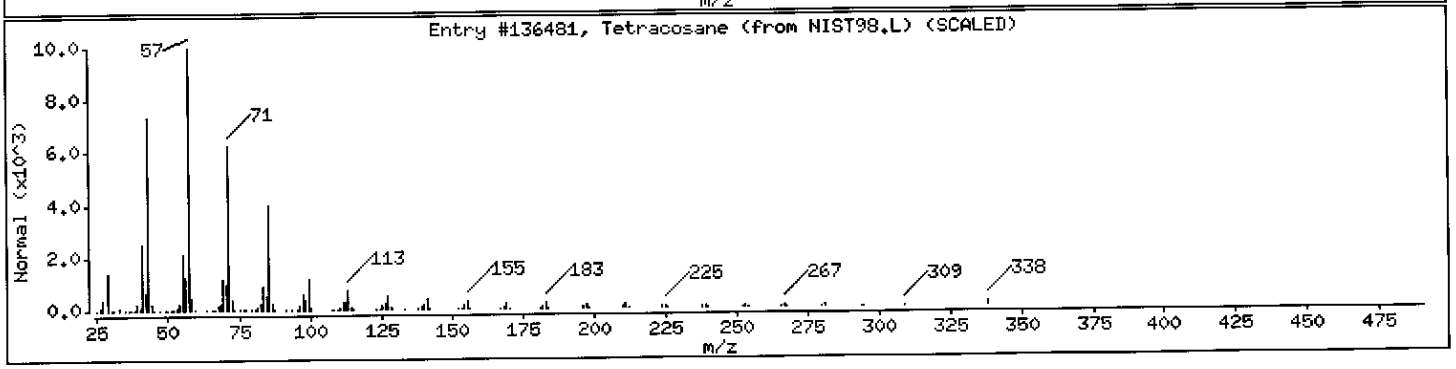
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST98.L	115581	91	C21H44	296
Eicosane	112-95-8	NIST98.L	107651	91	C20H42	282
Tetracosane	646-31-1	NIST98.L	136481	91	C24H50	338









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Date : 25-AUG-2005 13:40

Client ID: SD01-S-0

Instrument: S4.i

Sample Info: D0926-05A,,19468,,

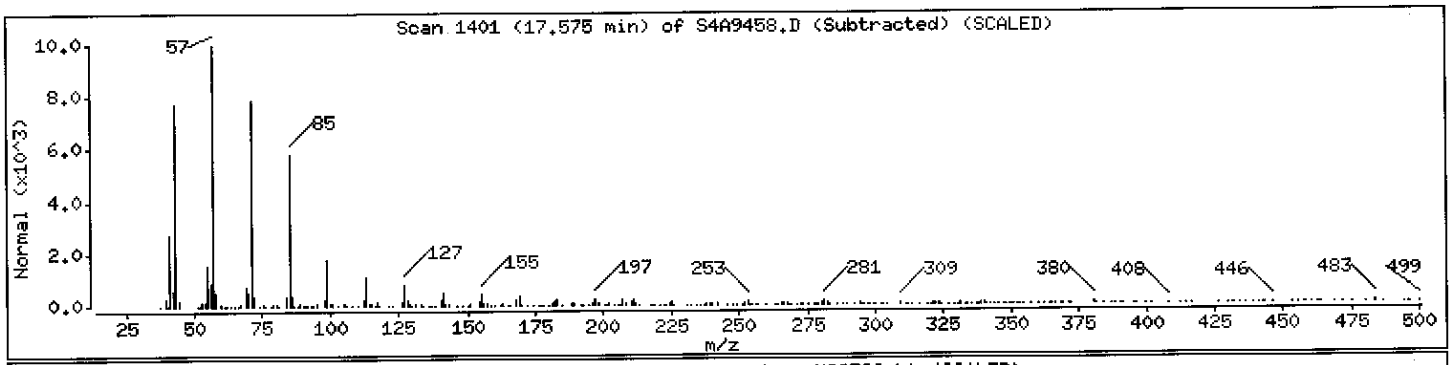
Volume Injected (uL): 2.0

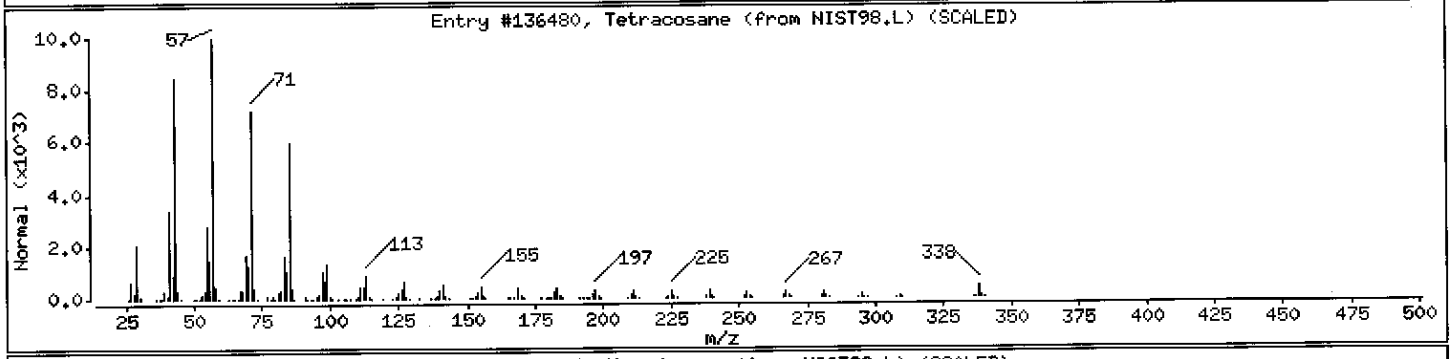
Operator: AW SRC: LIMS

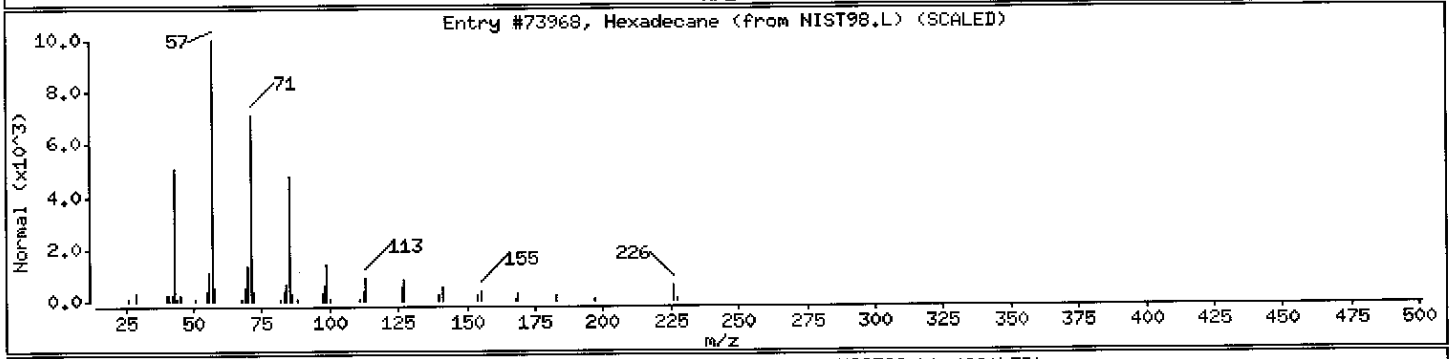
Column phase: DB-5MS

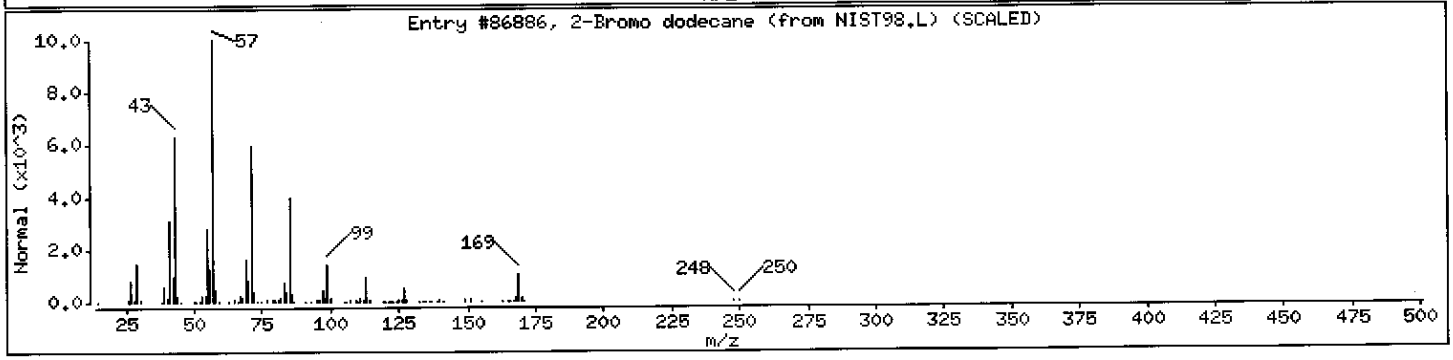
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Tetracosane	646-31-1	NIST98.L	136480	93	C24H50	338
Hexadecane	544-76-3	NIST98.L	73968	90	C16H34	226
2-Bromo dodecane	13187-99-0	NIST98.L	86886	87	C12H25Br	248









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Date : 25-AUG-2005 13:40

Client ID: SD01-S-0

Instrument: S4.i

Sample Info: D0926-05A,,19468,,

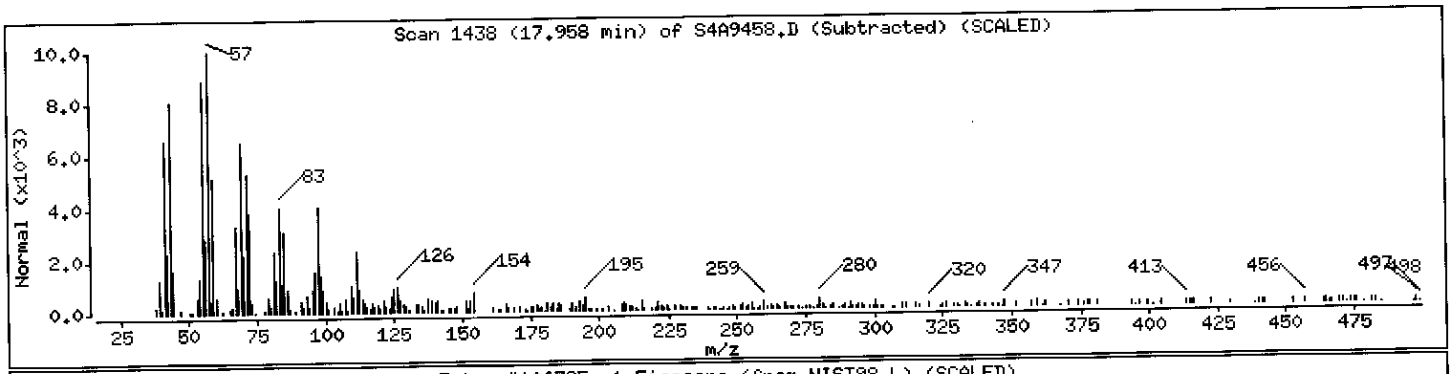
Volume Injected (uL): 2.0

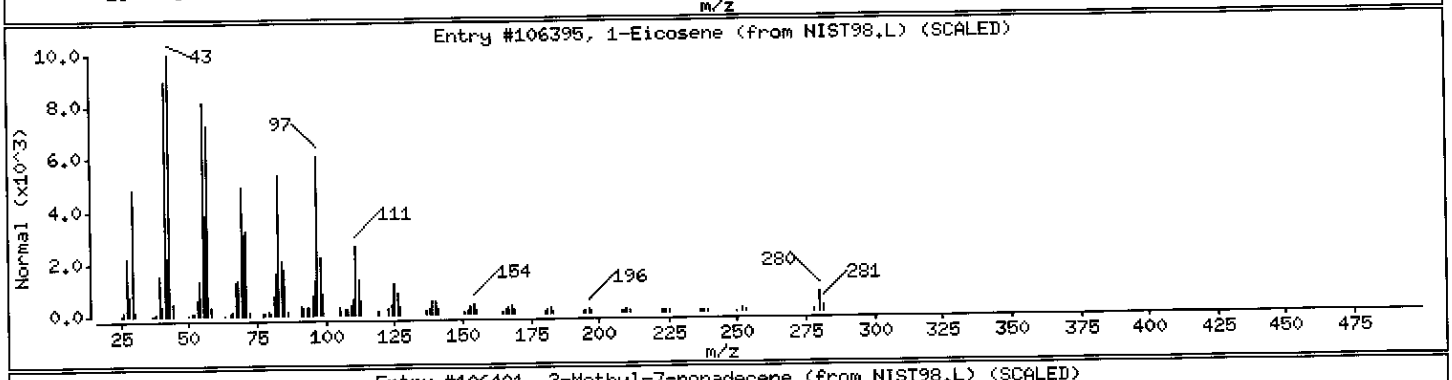
Operator: AW SRC: LIMS

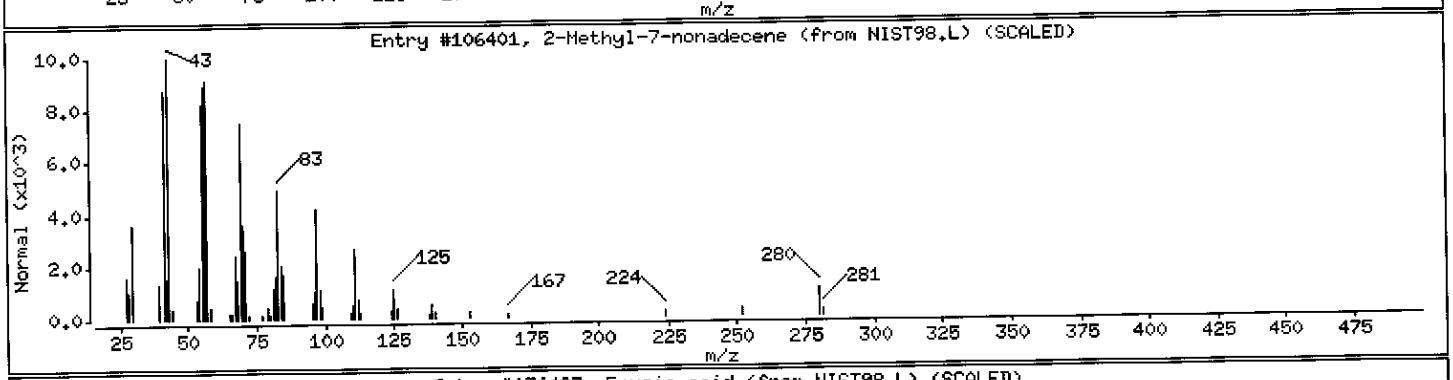
Column phase: DB-5MS

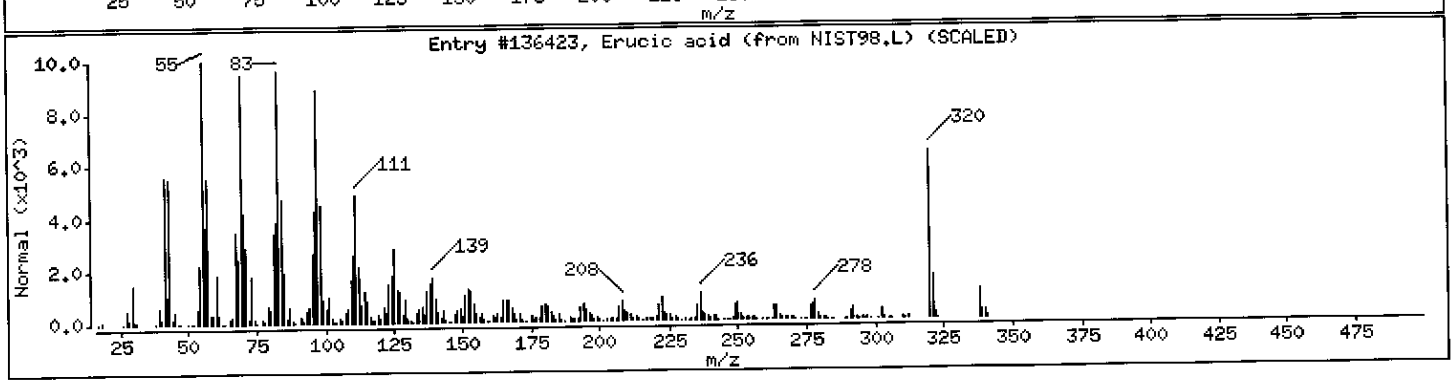
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Eicosene	3452-07-1	NIST98.L	106395	89	C20H40	280
2-Methyl-7-nonadecene	219750-68-2	NIST98.L	106401	50	C20H40	280
Erucic acid	112-86-7	NIST98.L	136423	49	C22H42O2	338









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Date : 25-AUG-2005 13:40

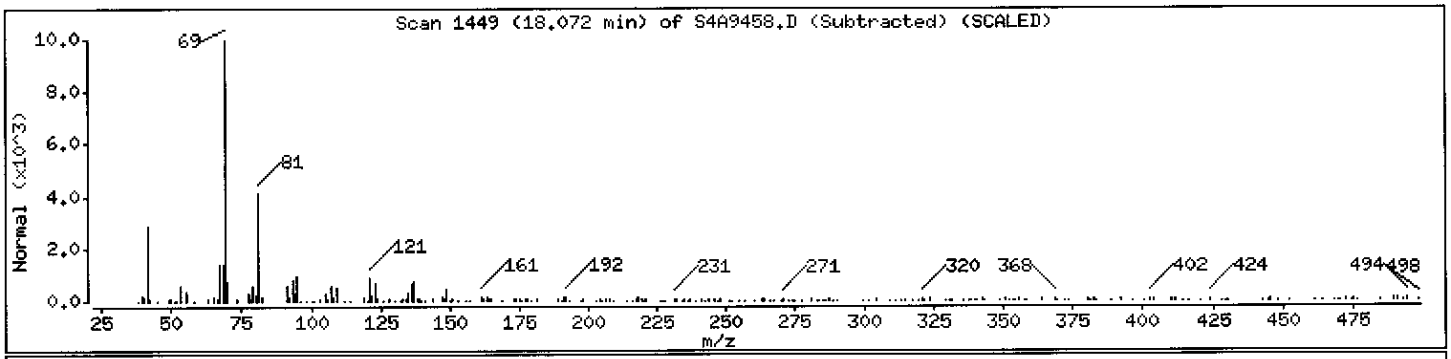
Client ID: SD01-S-0 Instrument: S4.i

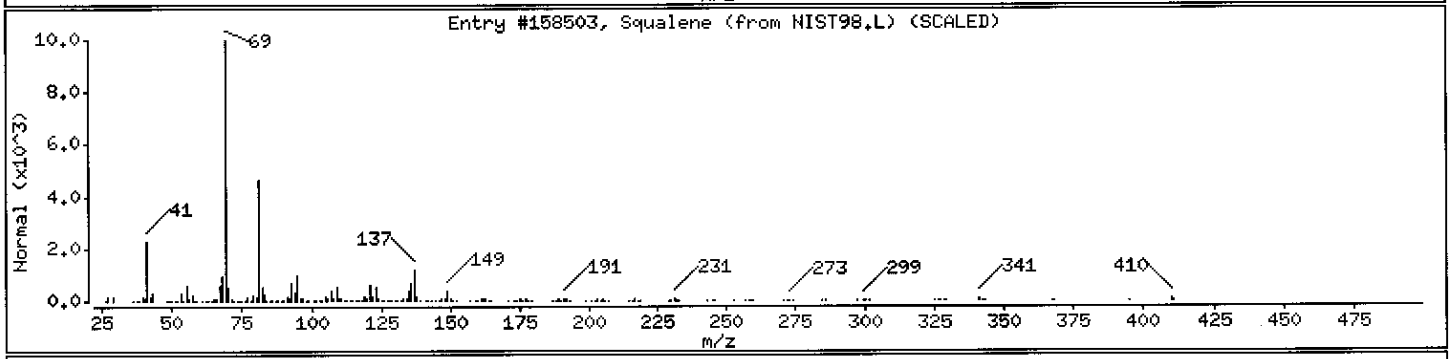
Sample Info: D0926-05A,,19468,,

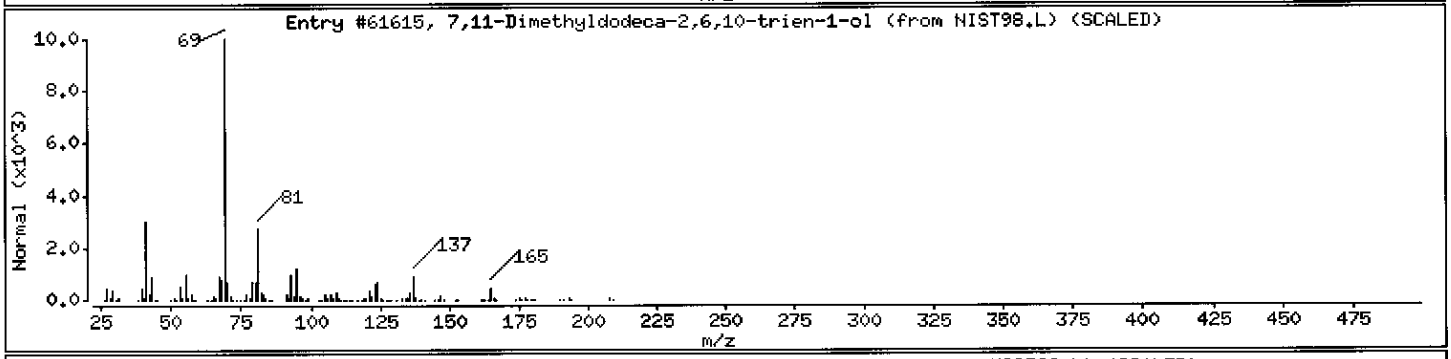
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

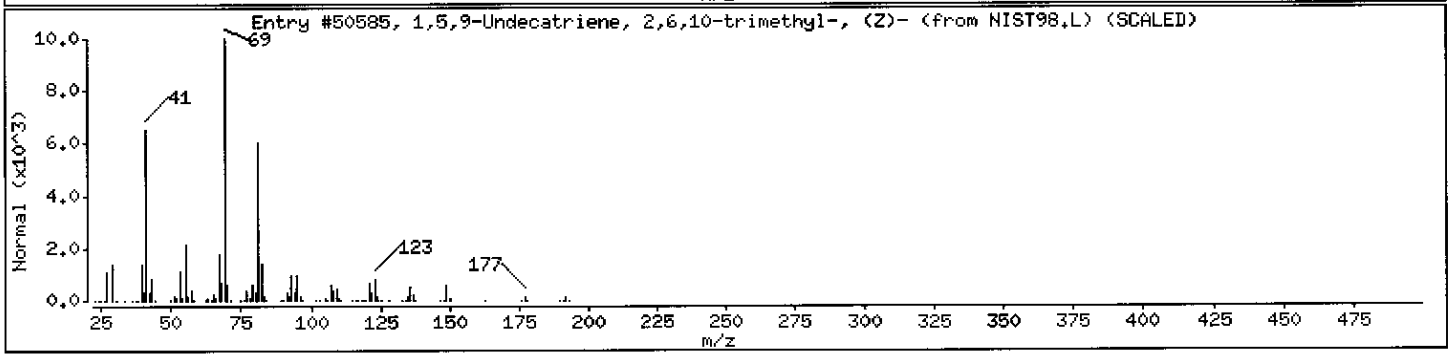
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Squalene	7683-64-9	NIST98.L	158503	93	C30H50	410
7,11-Dimethyldodeca-2,6,10-trien-1-ol	125529-10-4	NIST98.L	61615	81	C14H24O	208
1,5,9-Undecatriene, 2,6,10-trimethyl-, (	62951-96-6	NIST98.L	50585	74	C14H24	192









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Date : 25-AUG-2005 13:40

Client ID: SD01-S-0

Instrument: S4.i

Sample Info: D0926-05A,,19468,,

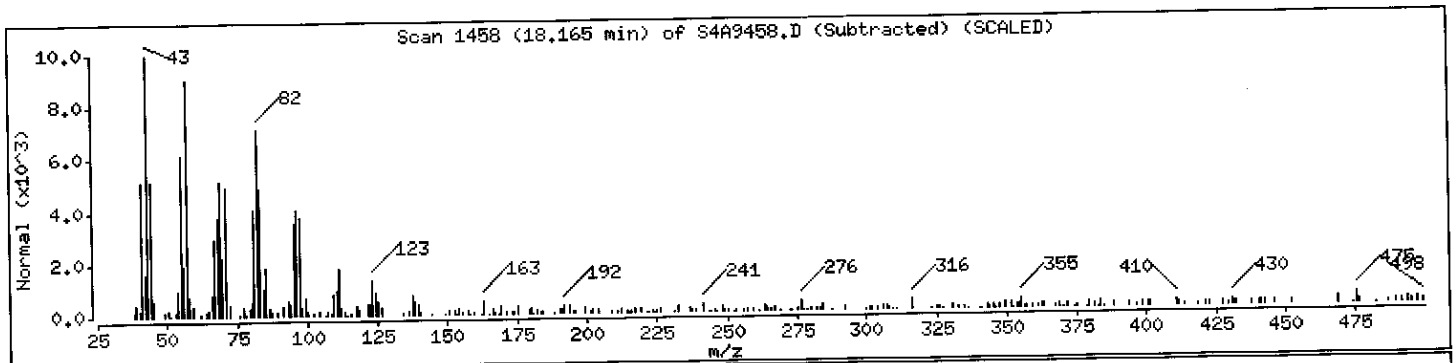
Volume Injected (uL): 2.0

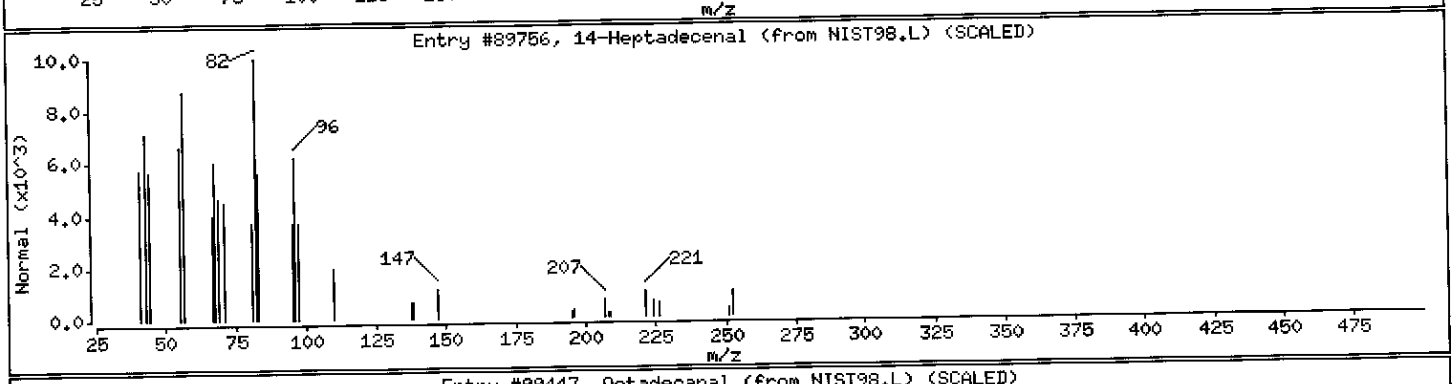
Operator: AW SRC: LIMS

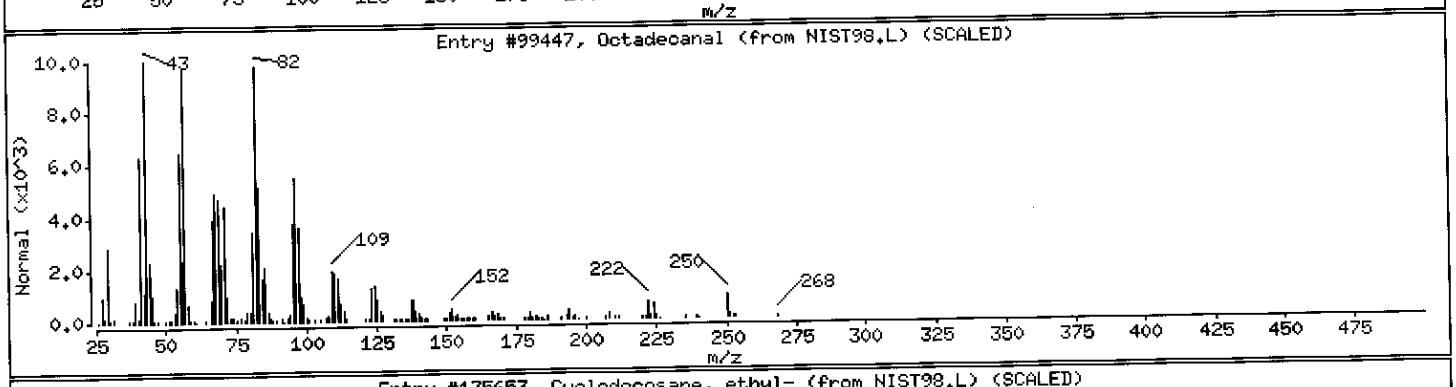
Column phase: DB-5MS

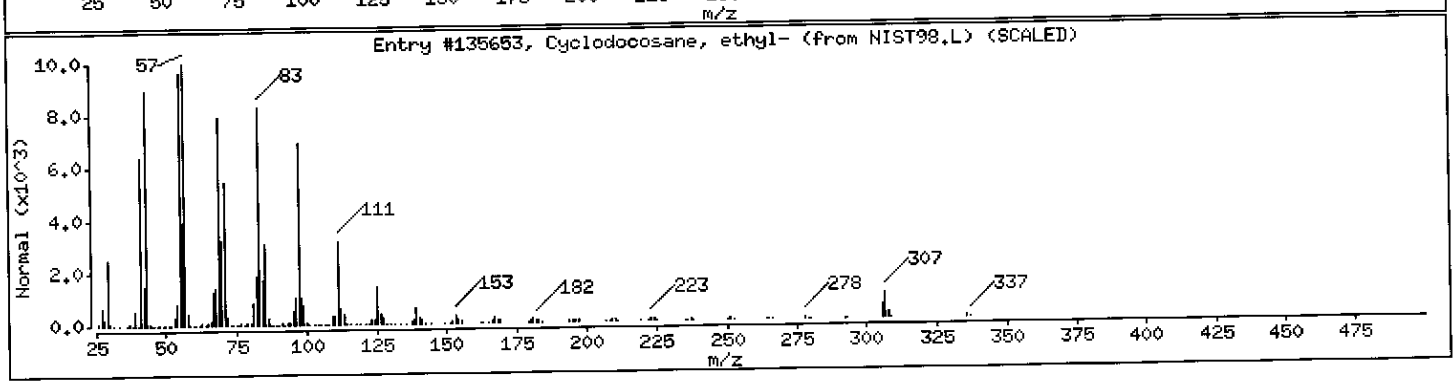
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
14-Heptadecenal	1000144-58-0	NIST98.L	89756	59	C17H320	252
Octadecanal	638-66-4	NIST98.L	99447	58	C18H360	268
Cyclodocosane, ethyl-	1000151-22-6	NIST98.L	135653	50	C24H48	336









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Date : 25-AUG-2005 13:40

Client ID: SD01-S-0

Instrument: S4.i

Sample Info: D0926-05A,,19468,,

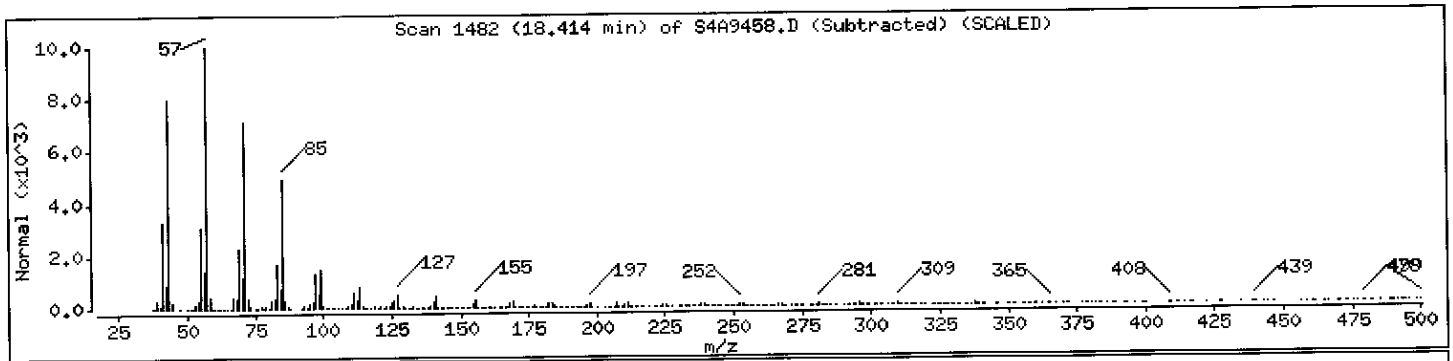
Volume Injected (uL): 2.0

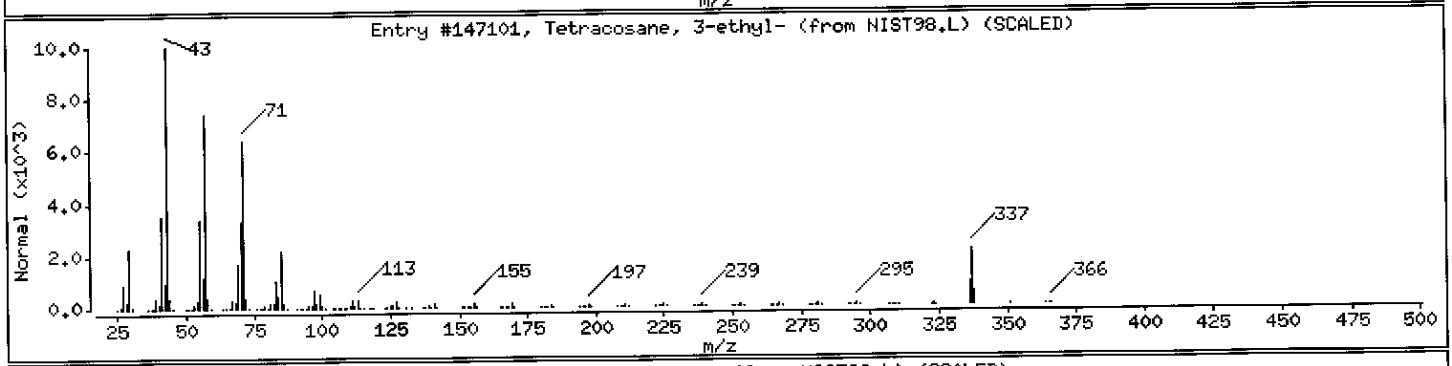
Operator: AW SRC: LIMS

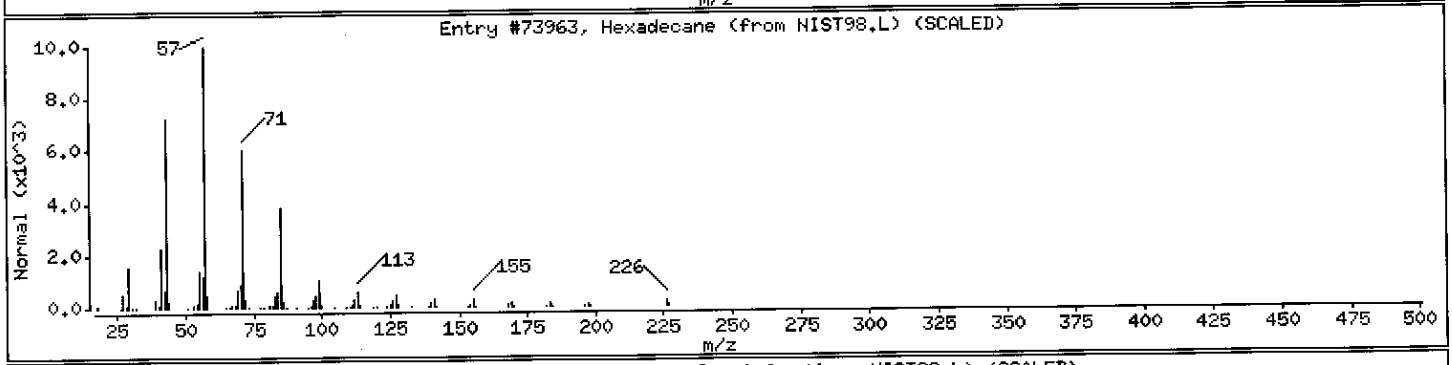
Column phase: DB-5MS

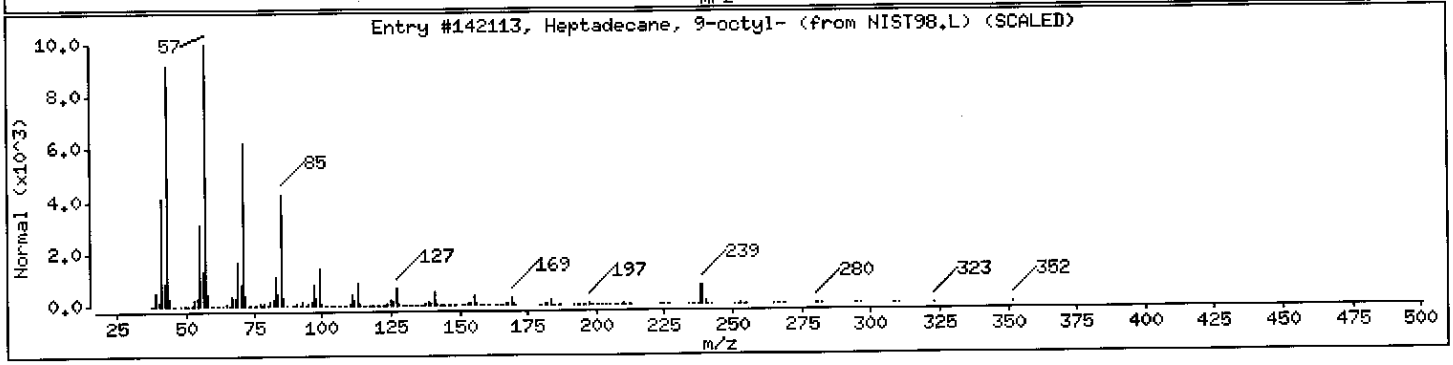
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Tetracosane, 3-ethyl-	55282-17-2	NIST98.L	147101	95	C26H54	366
Hexadecane	544-76-3	NIST98.L	73963	95	C16H34	226
Heptadecane, 9-octyl-	7225-64-1	NIST98.L	142113	94	C25H52	352









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Date : 25-AUG-2005 13:40

Client ID: SD01-S-0

Instrument: S4.i

Sample Info: D0926-05A,,19468,,

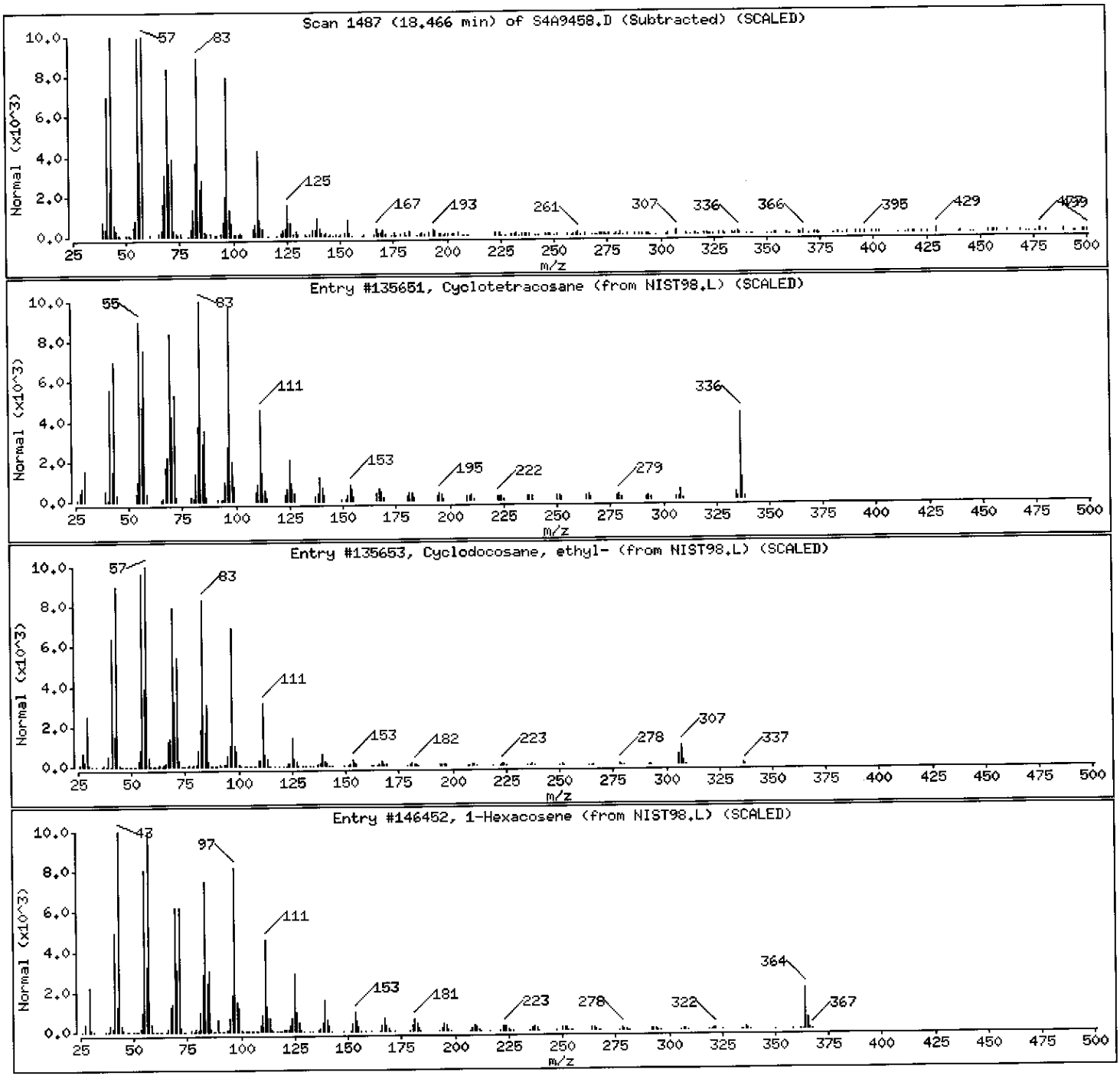
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclotetracosane	297-03-0	NIST98.L	135651	98	C24H48	336
Cyclodocosane, ethyl-	1000151-22-6	NIST98.L	135653	94	C24H48	336
1-Hexacosene	18835-33-1	NIST98.L	146452	91	C26H52	364



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Date : 25-AUG-2005 13:40

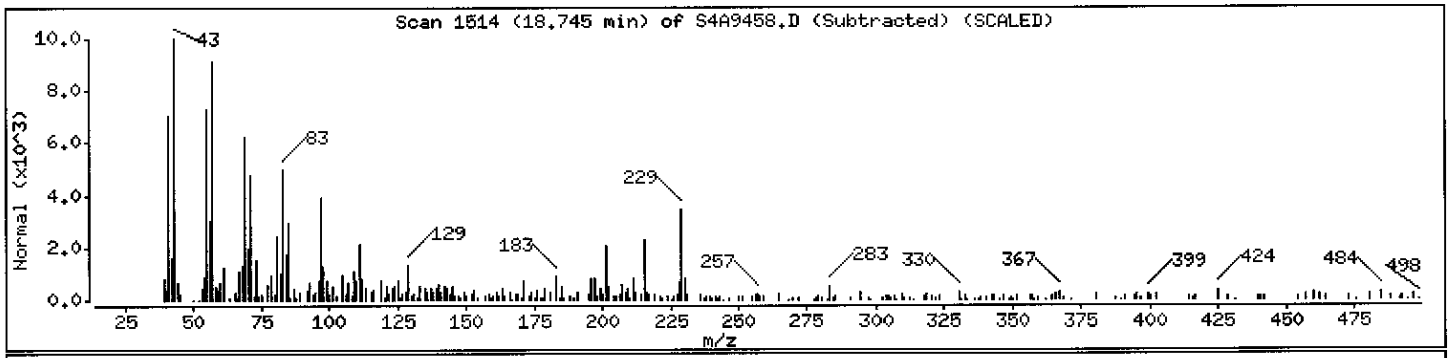
Client ID: SD01-S-0 Instrument: S4.i

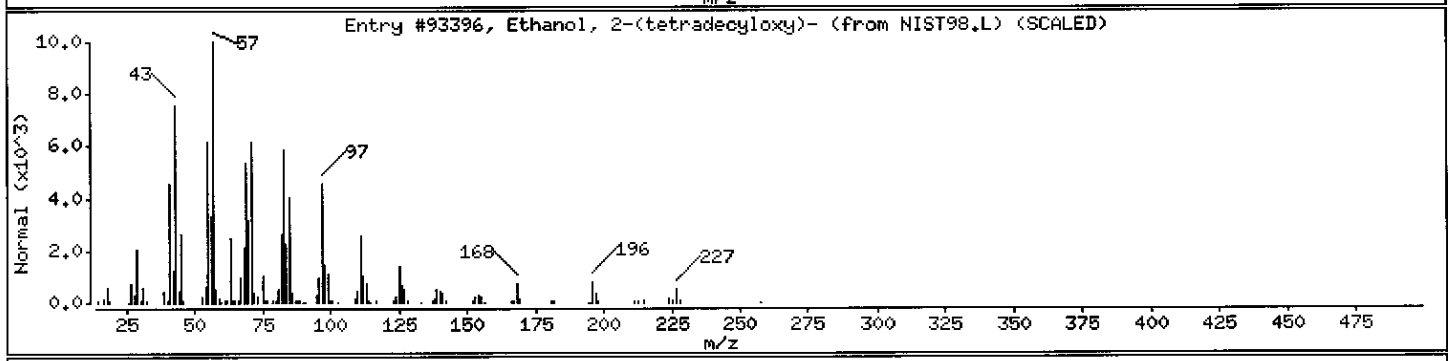
Sample Info: D0926-05A,,19468,,

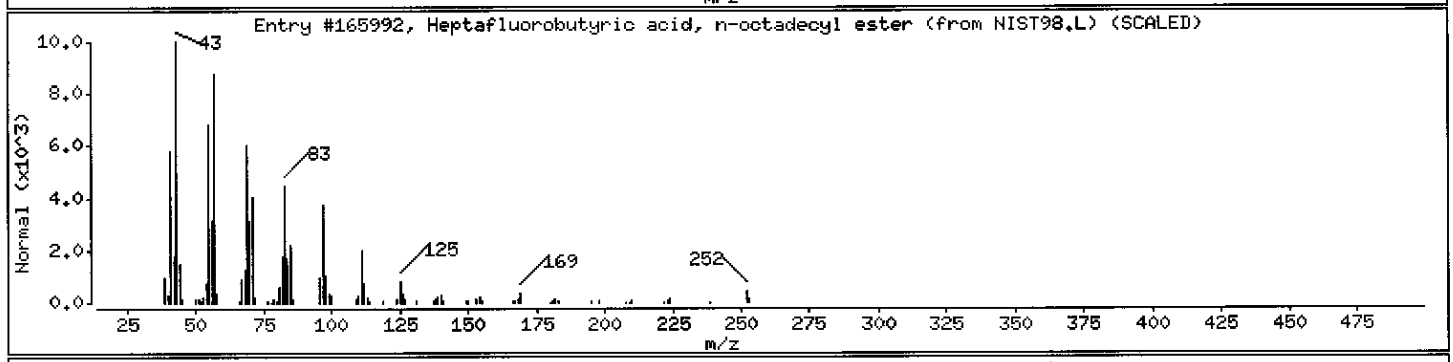
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

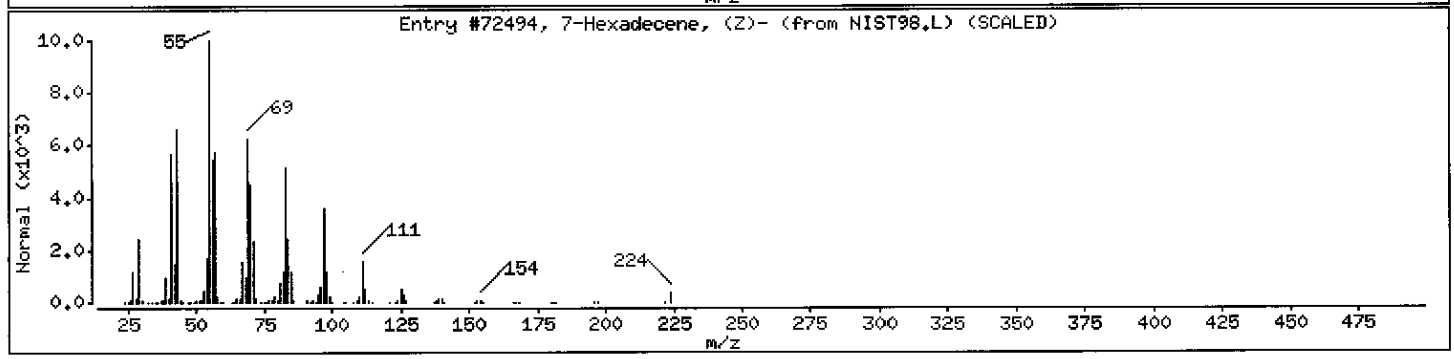
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Ethanol, 2-(tetradecyloxy)-	2136-70-1	NIST98.L	93396	70	C16H34O2	258
Heptafluorobutyric acid, n-octadecyl est	400-57-7	NIST98.L	165992	70	C22H37F7O2	466
7-Hexadecene, (Z)-	35507-09-6	NIST98.L	72494	64	C16H32	224









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Date : 25-AUG-2005 13:40

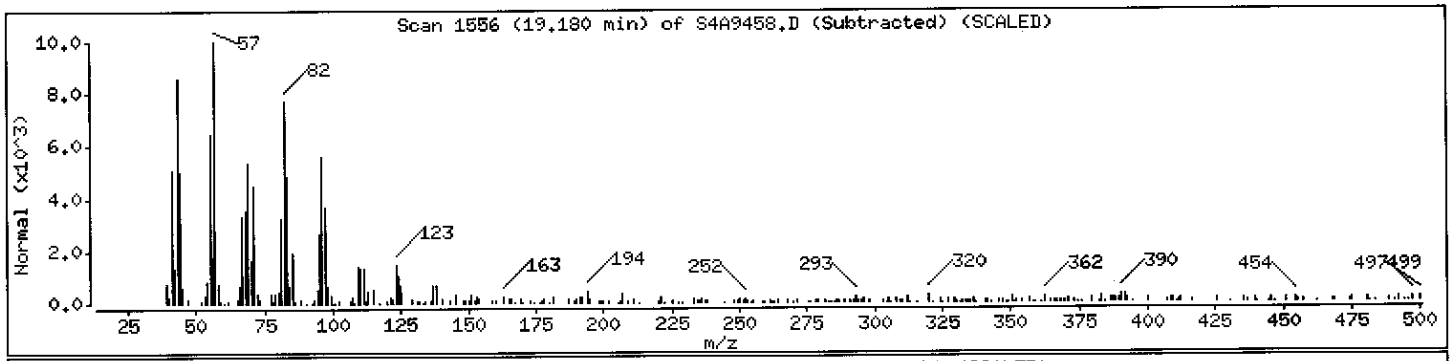
Client ID: SD01-S-0 Instrument: S4.i

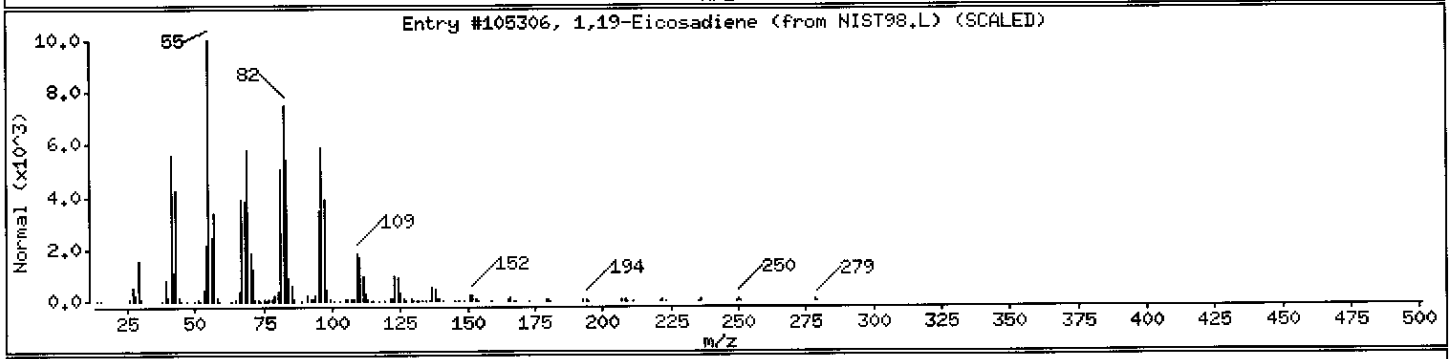
Sample Info: D0926-05A,,19468,,

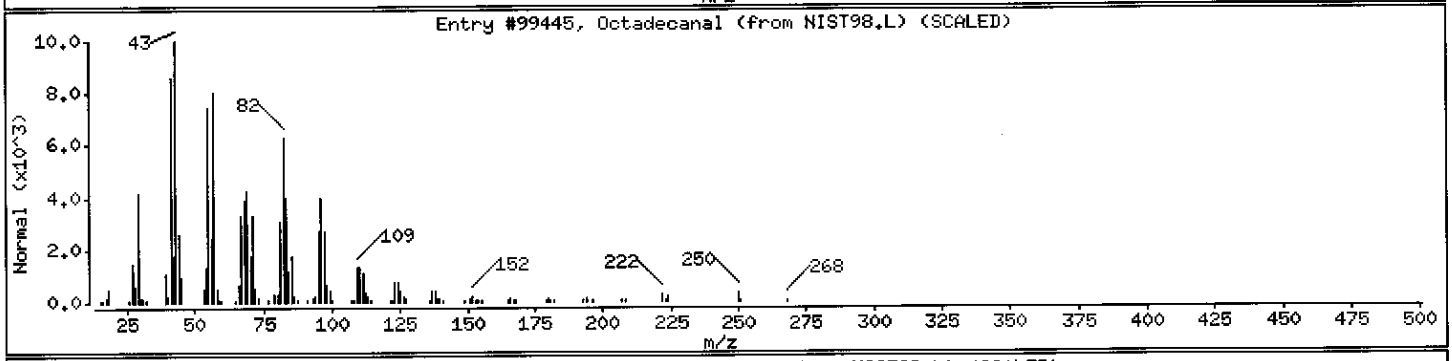
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

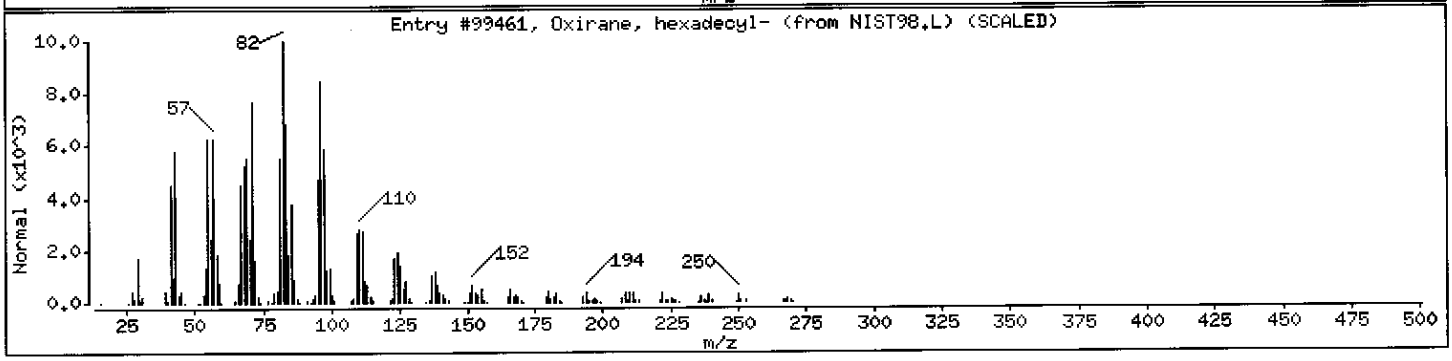
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1,19-Eicosadiene	14811-95-1	NIST98.L	105306	90	C20H38	278
Octadecanal	638-66-4	NIST98.L	99445	89	C18H36O	268
Oxirane, hexadecyl-	7390-81-0	NIST98.L	99461	87	C18H36O	268









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Date : 25-AUG-2005 13:40

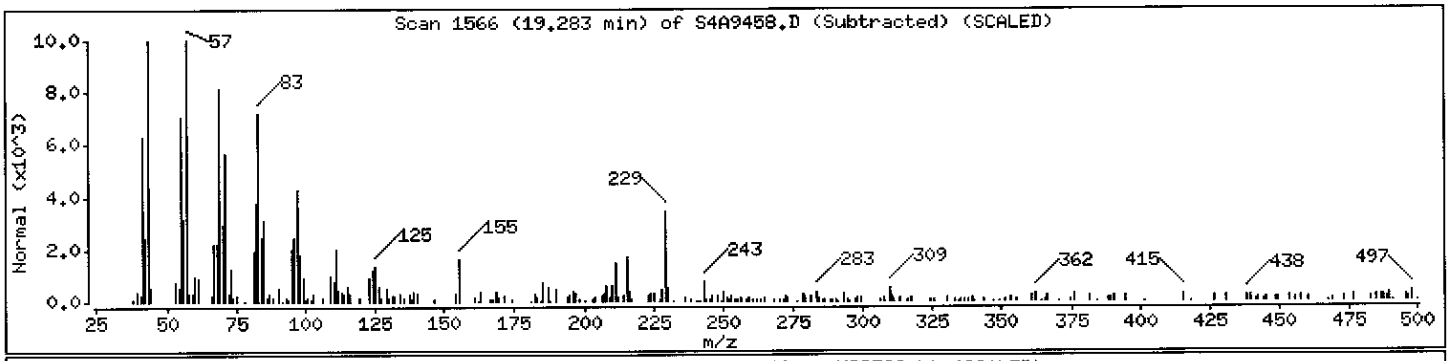
Client ID: SD01-S-0 Instrument: S4.i

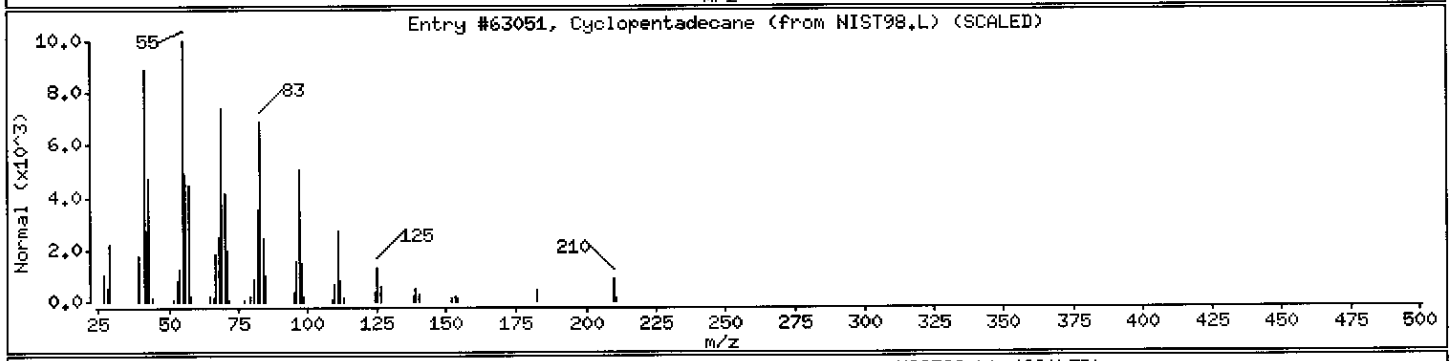
Sample Info: D0926-05A,,19468,,

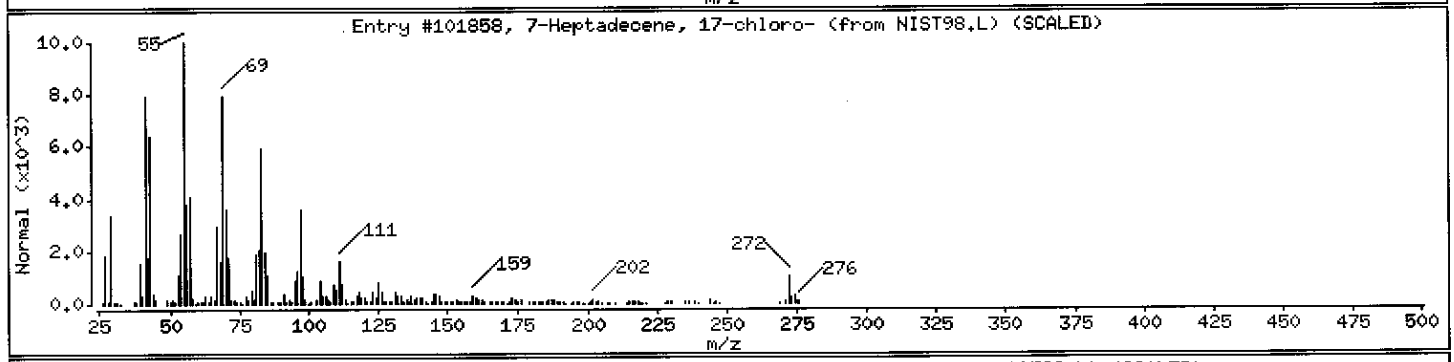
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

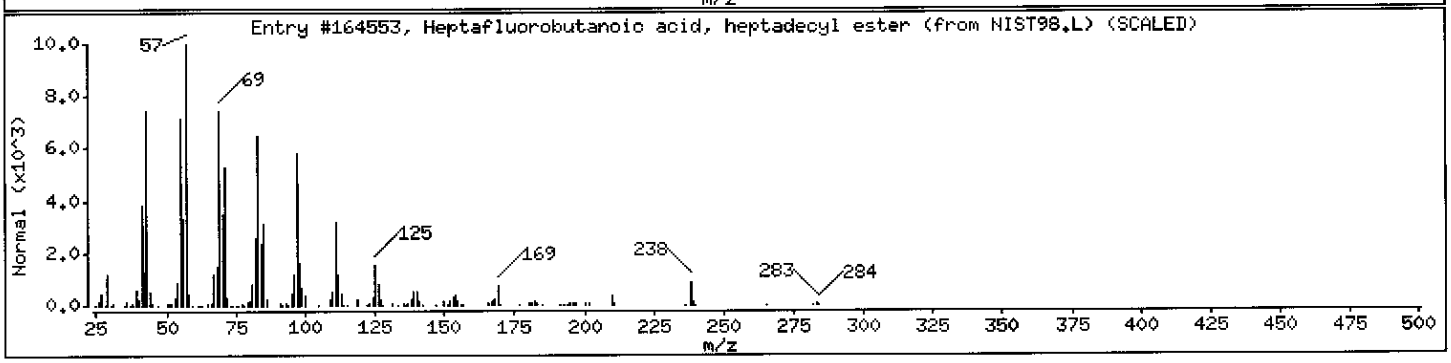
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclopentadecane	295-48-7	NIST98.L	63051	83	C15H30	210
7-Heptadecene, 17-chloro-	56554-79-1	NIST98.L	101858	81	C17H33Cl	272
Heptafluorobutanoic acid, heptadecyl est	1000282-97-3	NIST98.L	164553	76	C21H35F7O2	452









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Date : 25-AUG-2005 13:40

Client ID: SD01-S-0

Instrument: S4.i

Sample Info: D0926-05A,,19468,,

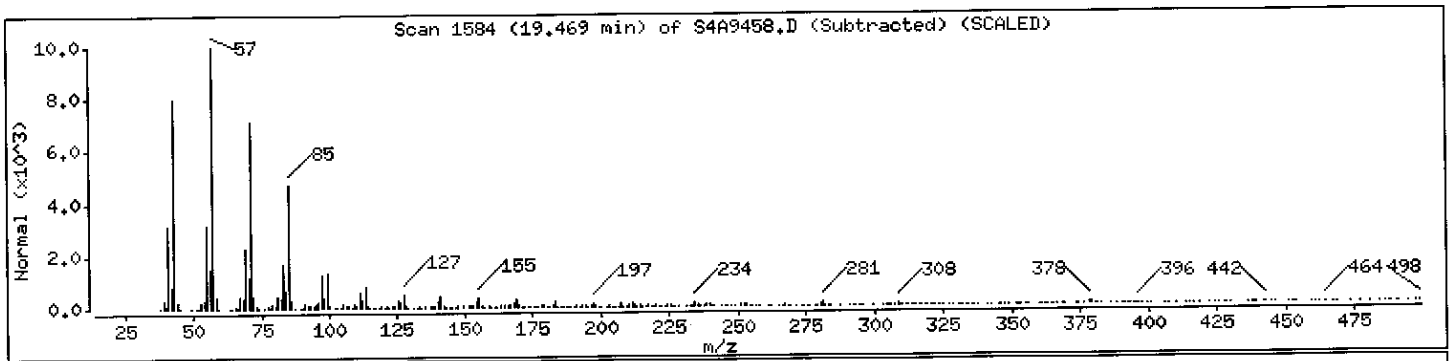
Volume Injected (uL): 2.0

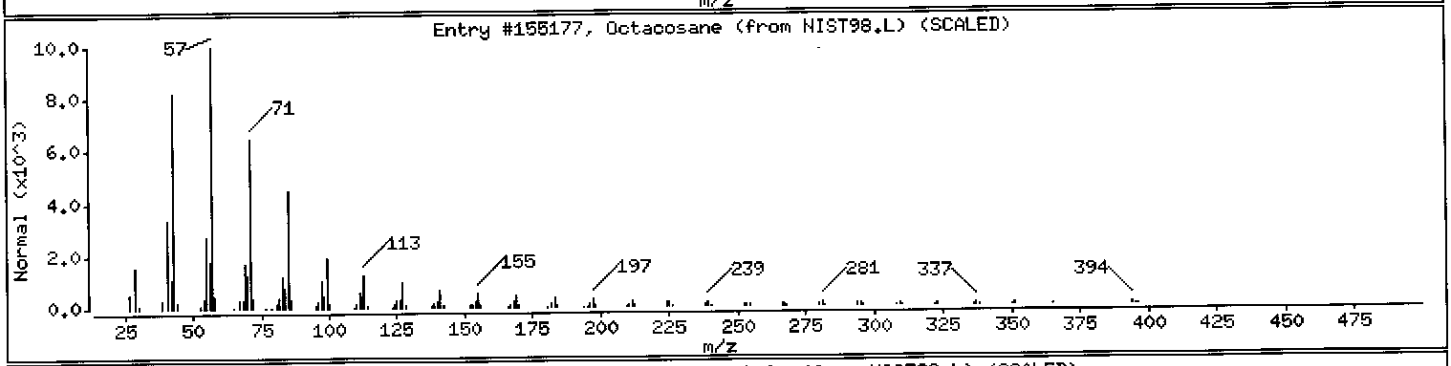
Operator: AW SRC: LIMS

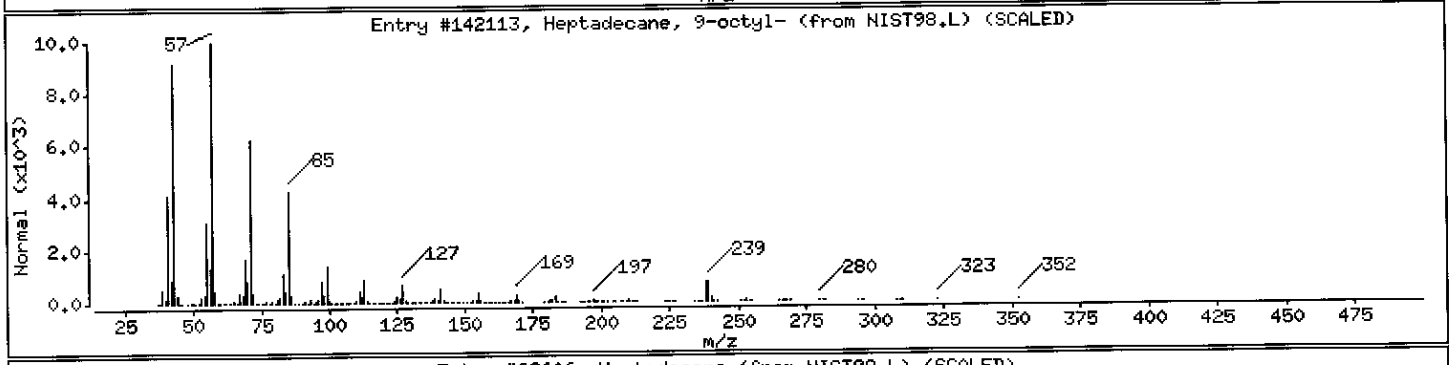
Column phase: DB-5MS

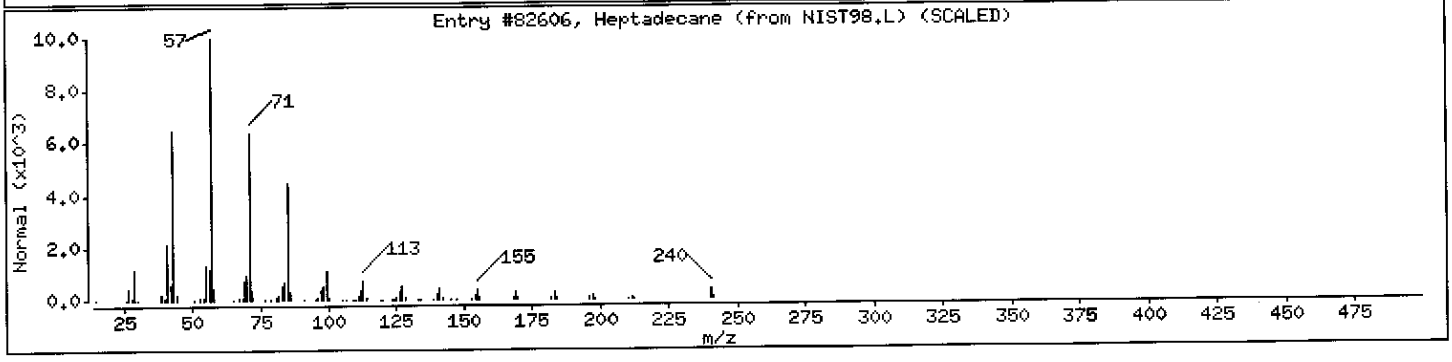
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Octacosane	630-02-4	NIST98.L	155177	95	C28H58	394
Heptadecane, 9-octyl-	7225-64-1	NIST98.L	142113	94	C25H52	352
Heptadecane	629-78-7	NIST98.L	82606	93	C17H36	240









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Date : 25-AUG-2005 13:40

Client ID: SD01-S-0

Instrument: S4.i

Sample Info: D0926-05A,,19468,,

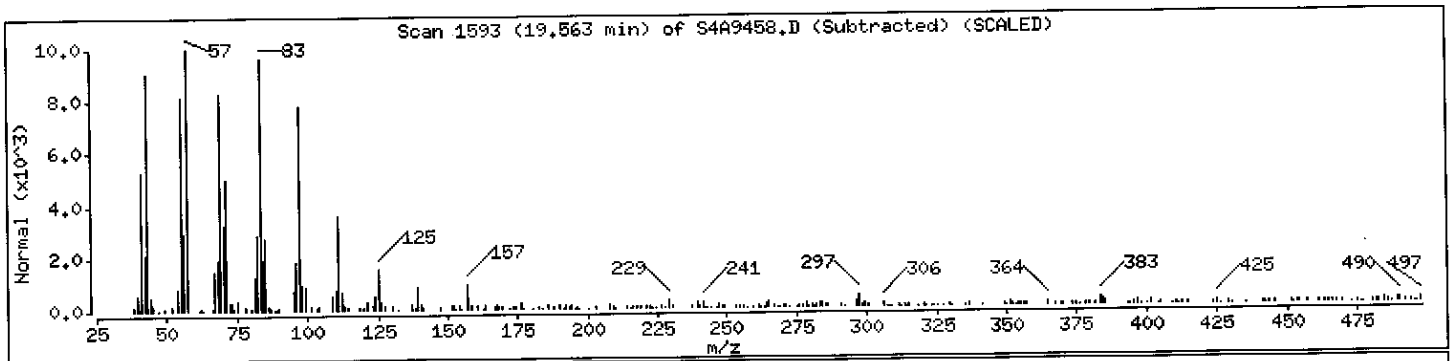
Volume Injected (uL): 2.0

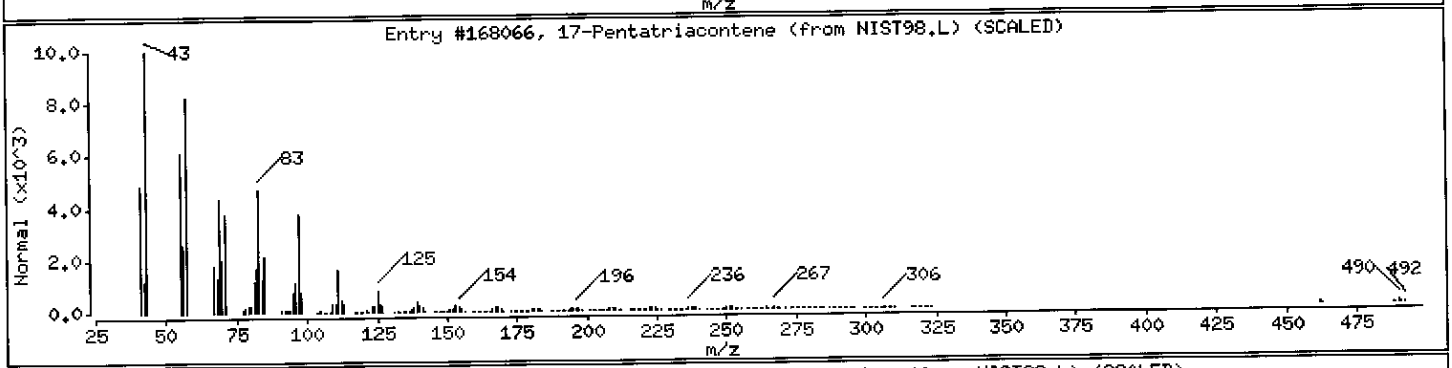
Operator: AW SRC: LIMS

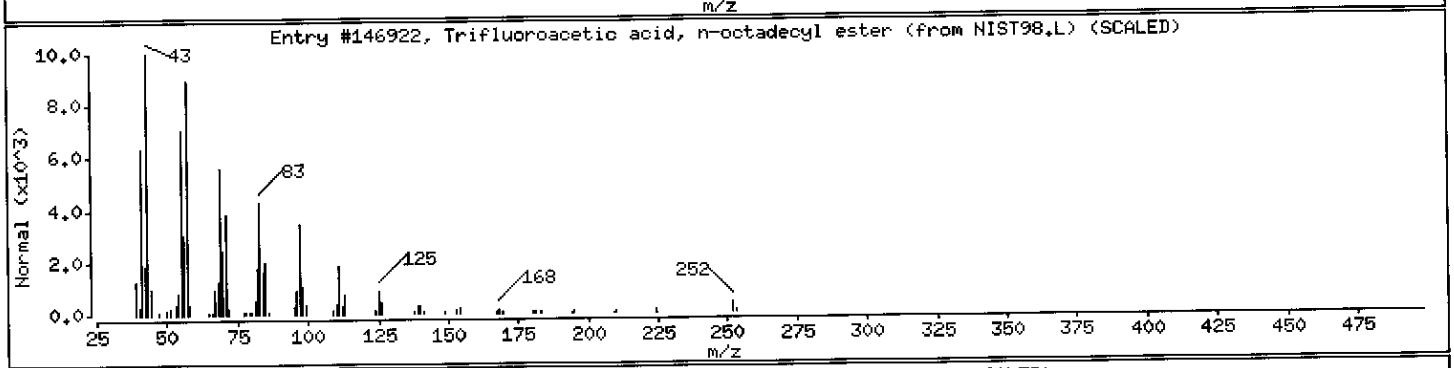
Column phase: DB-5MS

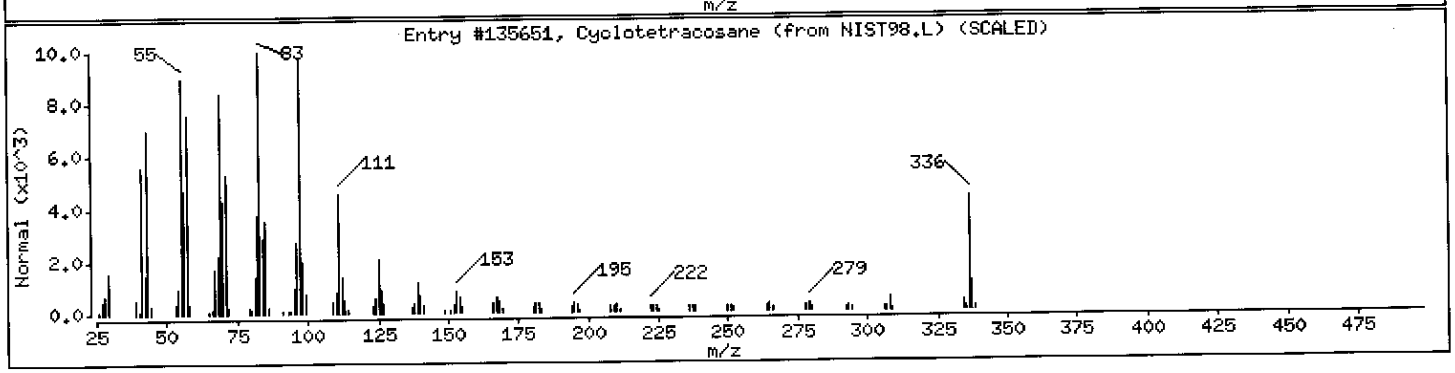
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
17-Pentatriacontene	6971-40-0	NIST98.L	168066	81	C35H70	491
Trifluoroacetic acid, n-octadecyl ester	79392-43-1	NIST98.L	146922	80	C20H37F3O2	366
Cyclotetracosane	297-03-0	NIST98.L	135651	70	C24H48	336









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Date : 25-AUG-2005 13:40

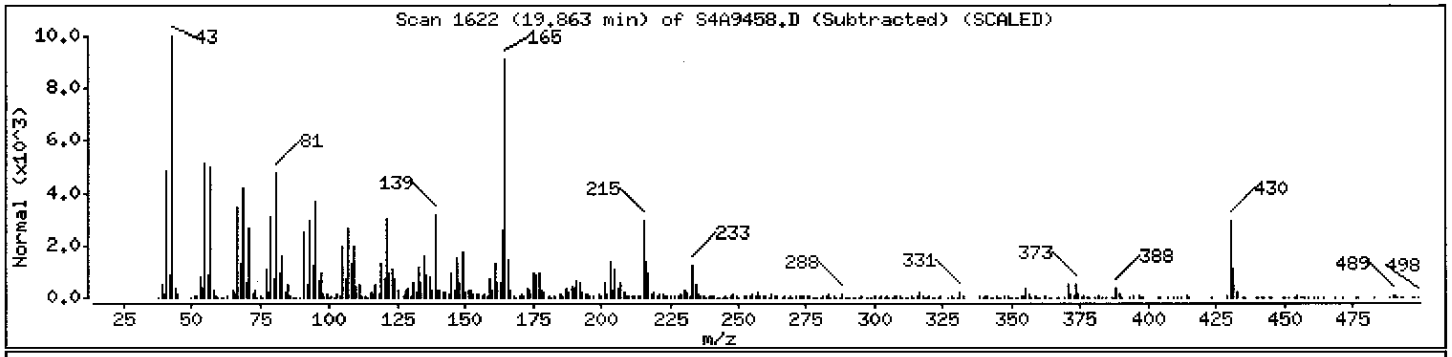
Client ID: SD01-S-0 Instrument: S4.i

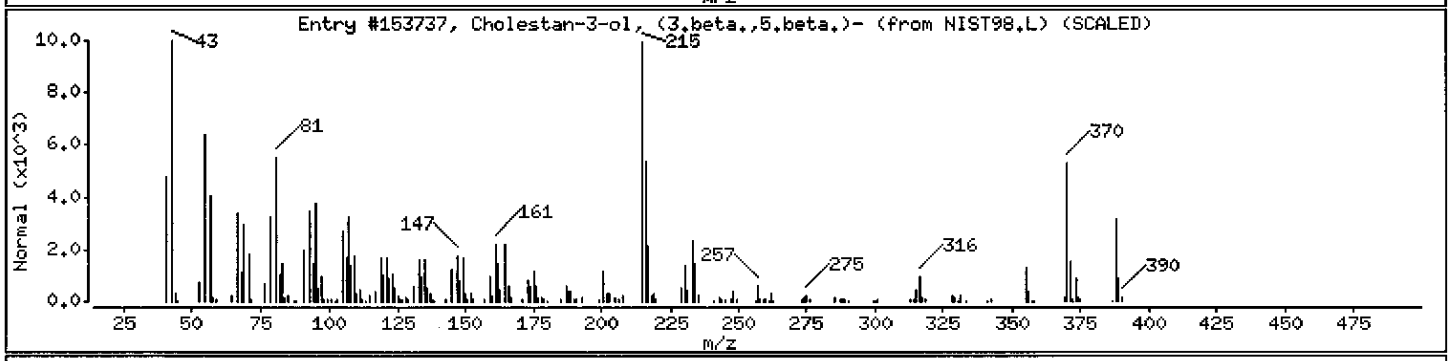
Sample Info: D0926-05A,,19468,,

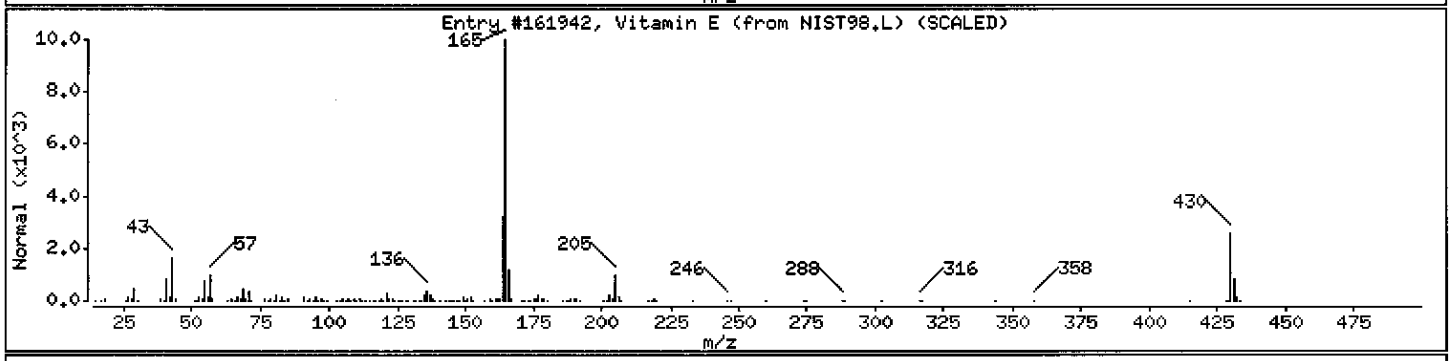
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

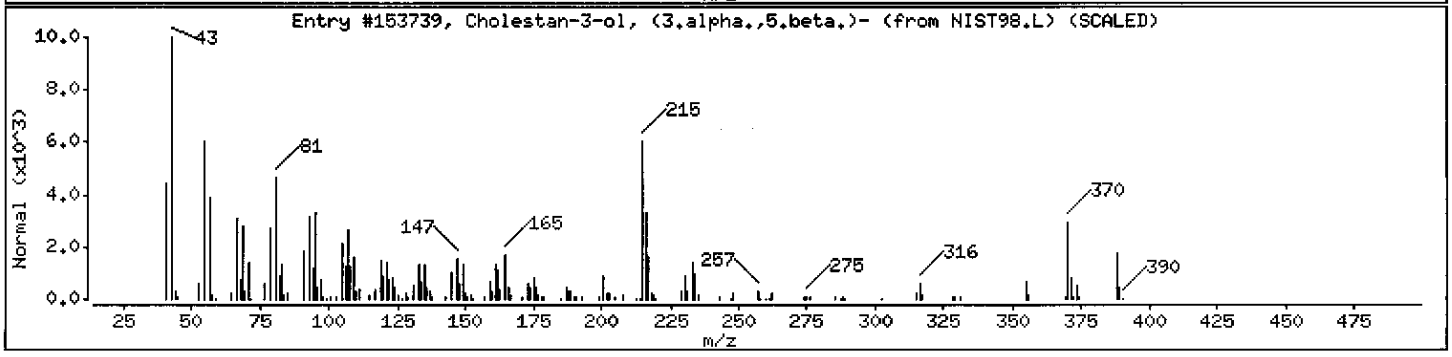
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cholestan-3-ol, (3.beta.,5.beta.)-	360-68-9	NIST98.L	153737	90	C27H480	388
Vitamin E	10191-41-0	NIST98.L	161942	89	C29H5002	430
Cholestan-3-ol, (3.alpha.,5.beta.)-	516-92-7	NIST98.L	153739	55	C27H480	388









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Date : 25-AUG-2005 13:40

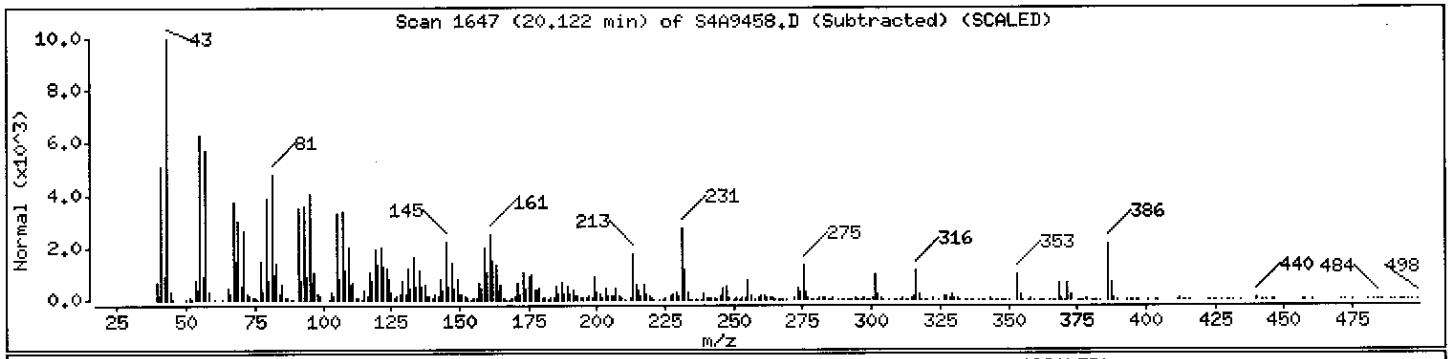
Client ID: SD01-S-0 Instrument: S4.i

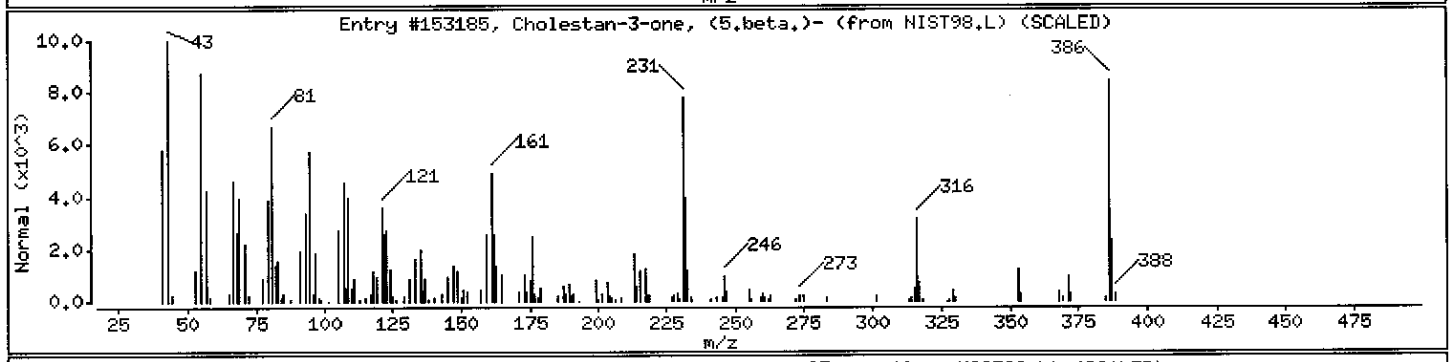
Sample Info: D0926-05A,,19468,,

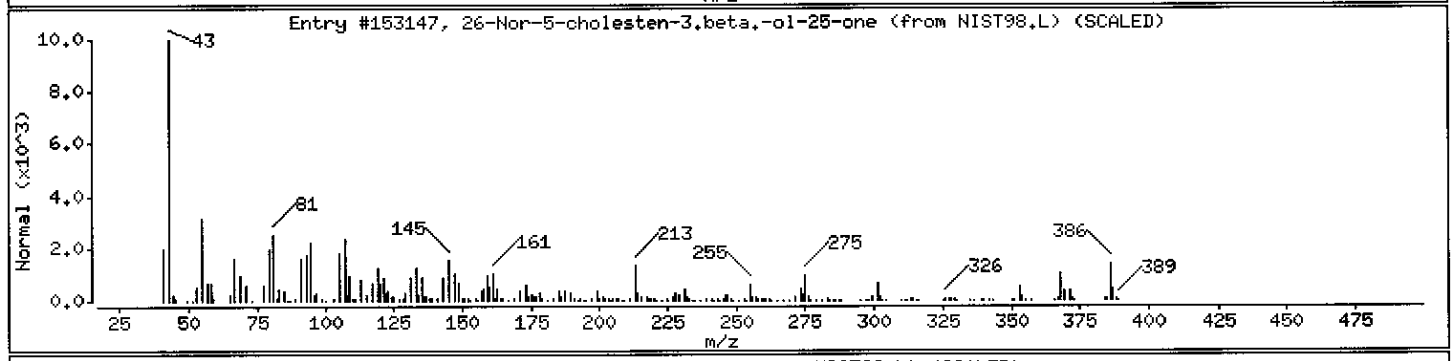
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

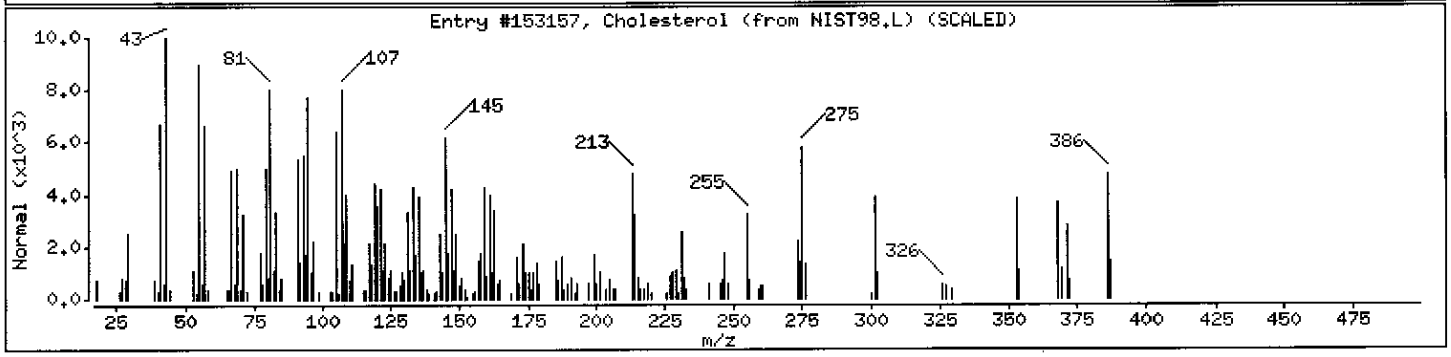
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cholestan-3-one, (5.beta.)-	601-53-6	NIST98.L	153185	97	C27H46O	386
26-Nor-5-cholesten-3.beta.-ol-25-one	7494-34-0	NIST98.L	153147	92	C26H42O2	386
Cholesterol	57-88-5	NIST98.L	153157	83	C27H46O	386









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Date : 25-AUG-2005 13:40

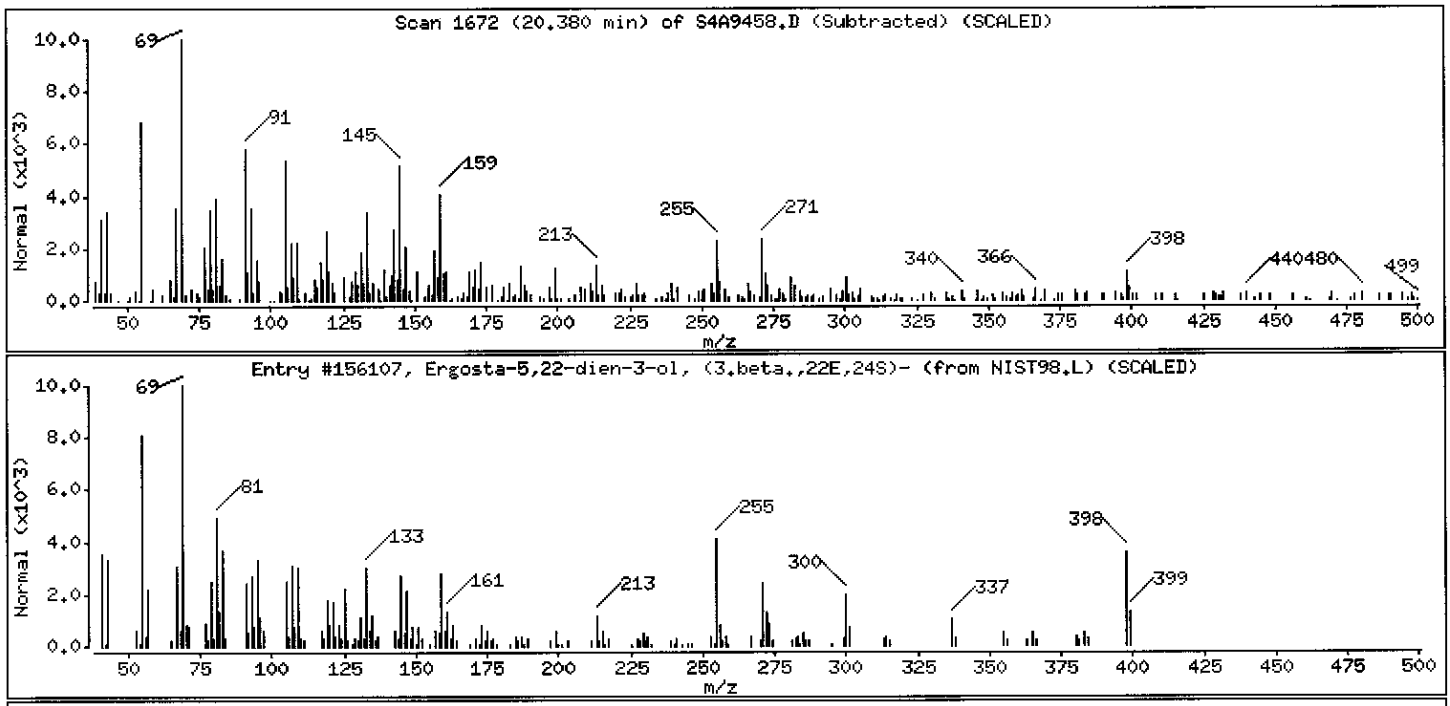
Client ID: SD01-S-0 Instrument: S4.i

Sample Info: D0926-05A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Ergosta-5,22-dien-3-ol, (3.beta.,22E,24S	17472-78-5	NIST98.L	156107	64	C28H46O	398



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Date : 25-AUG-2005 13:40

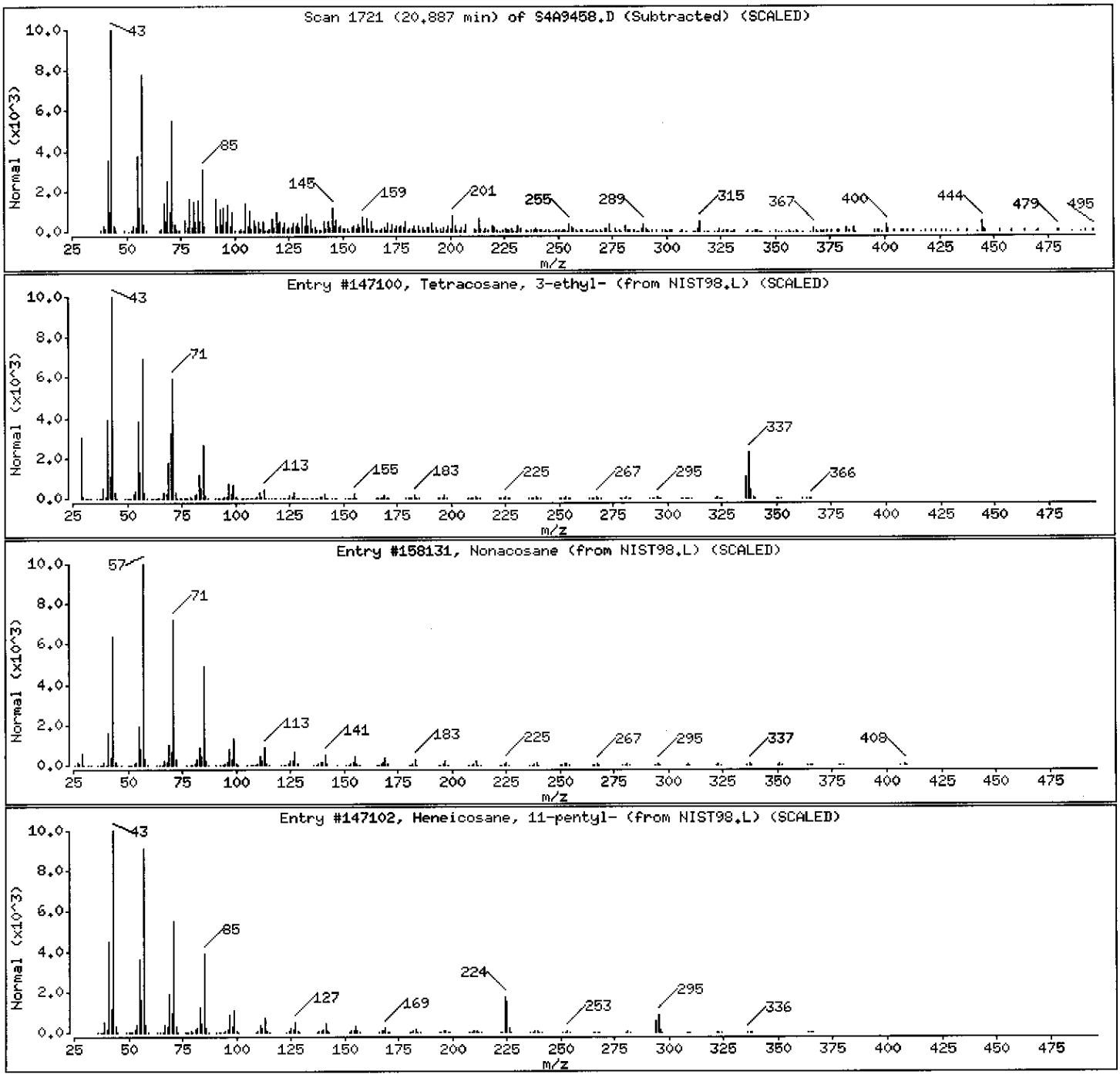
Client ID: SD01-S-0 Instrument: S4.i

Sample Info: D0926-05A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Tetracosane, 3-ethyl-	55282-17-2	NIST98.L	147100	92	C26H54	366
Nonacosane	630-03-5	NIST98.L	158131	91	C29H60	408
Heneicosane, 11-pentyl-	14739-72-1	NIST98.L	147102	91	C26H54	366



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Date : 25-AUG-2005 13:40

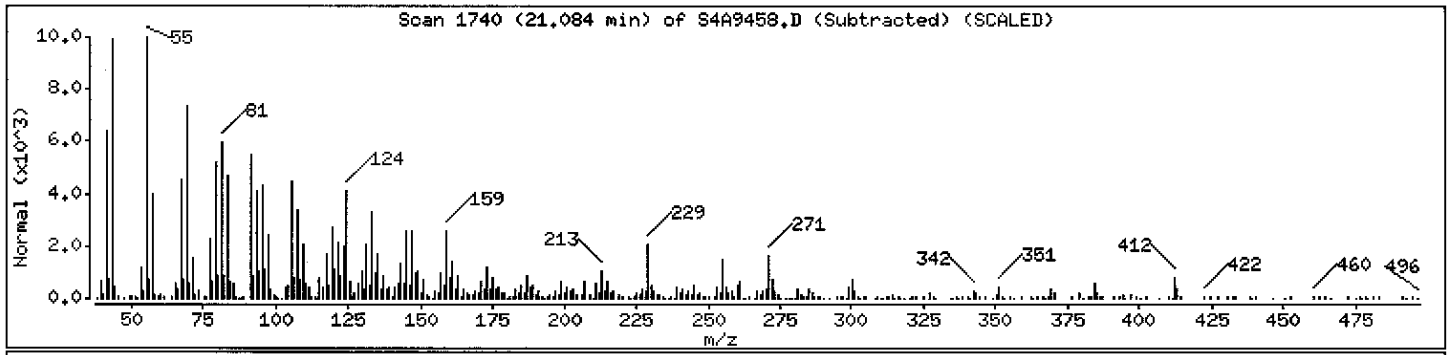
Client ID: SD01-S-0 Instrument: S4.i

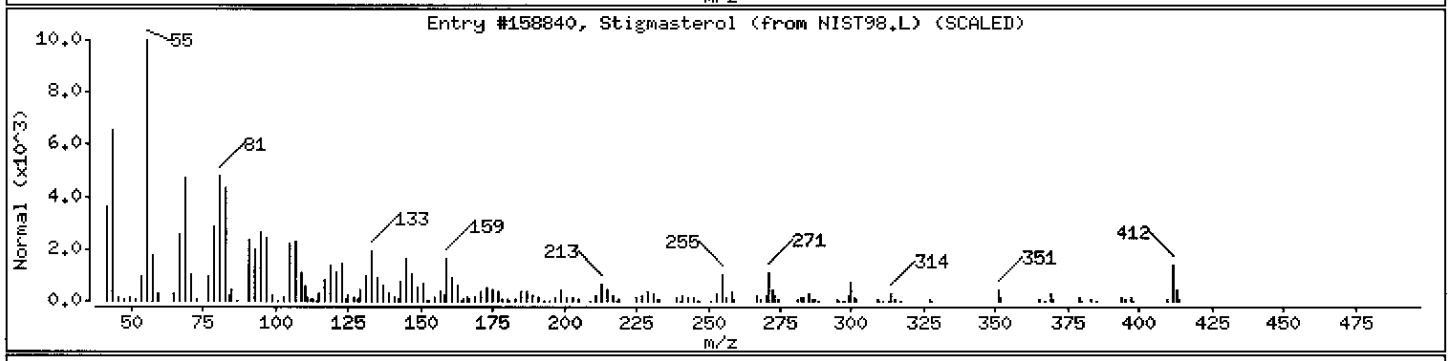
Sample Info: D0926-05A,,19468,,

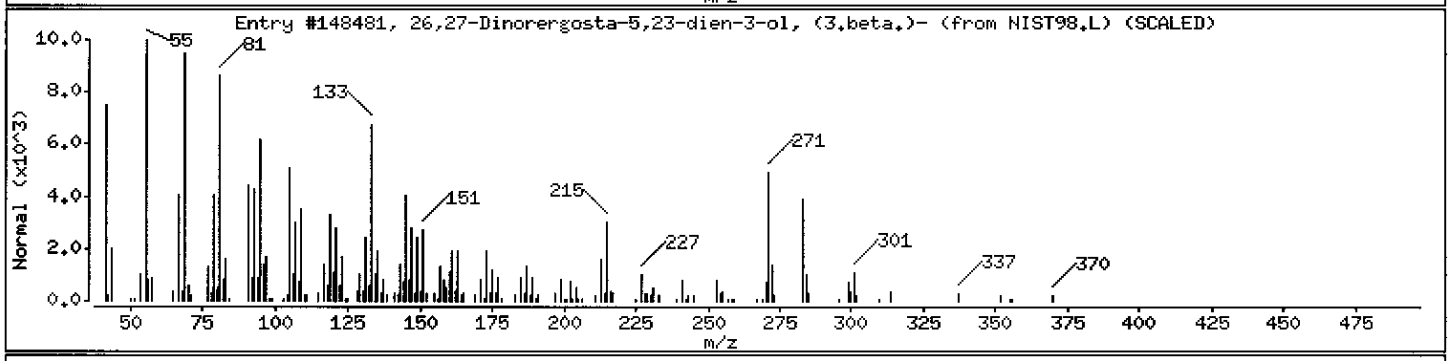
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

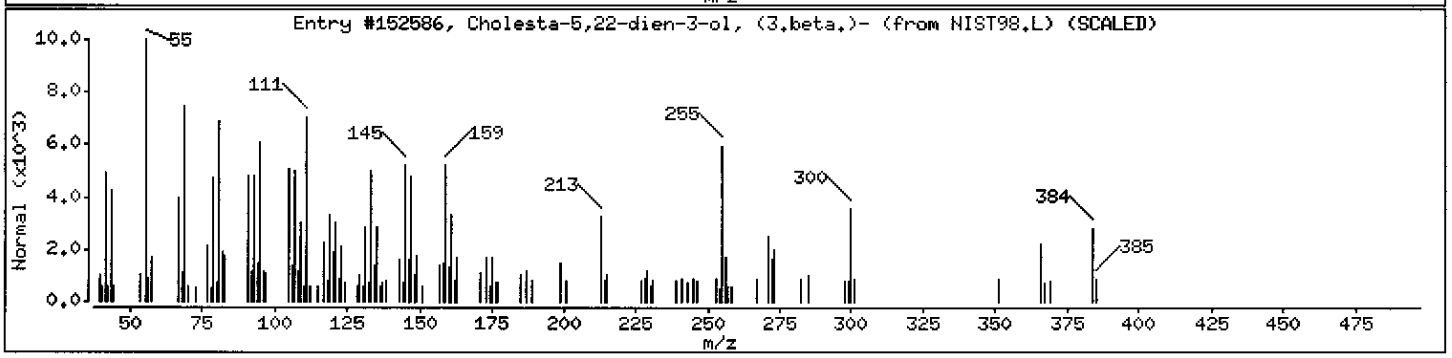
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Stigmasterol	83-48-7	NIST98.L	158840	70	C29H480	412
26,27-Dinorergosta-5,23-dien-3-ol, (3.be	35882-88-3	NIST98.L	148481	53	C26H420	370
Cholesta-5,22-dien-3-ol, (3.beta.)-	34347-28-9	NIST98.L	152586	49	C27H440	384









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Date : 25-AUG-2005 13:40

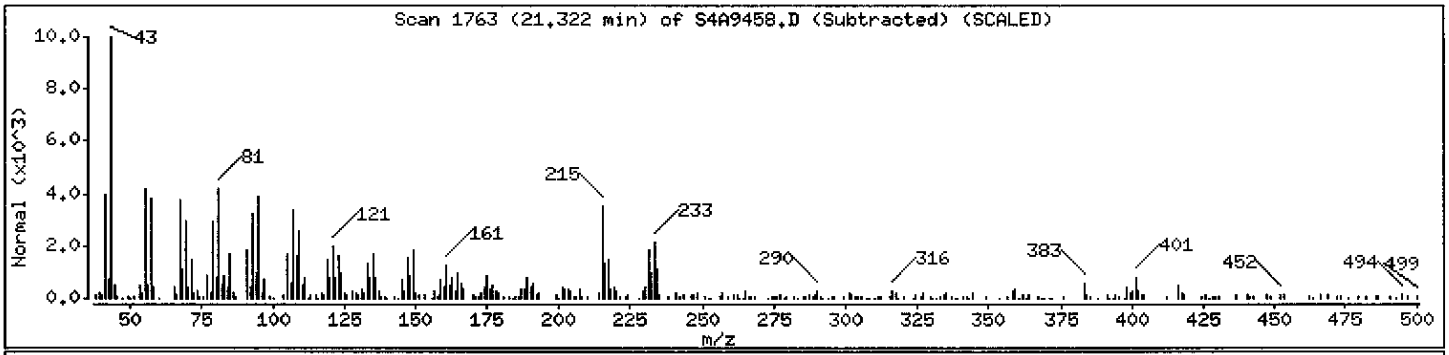
Client ID: SD01-S-0 Instrument: S4.i

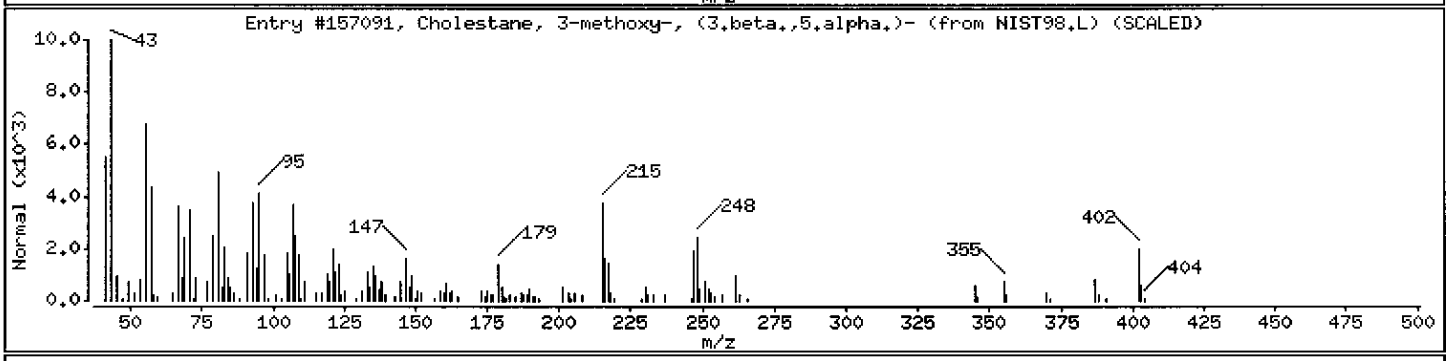
Sample Info: D0926-05A,,19468,,

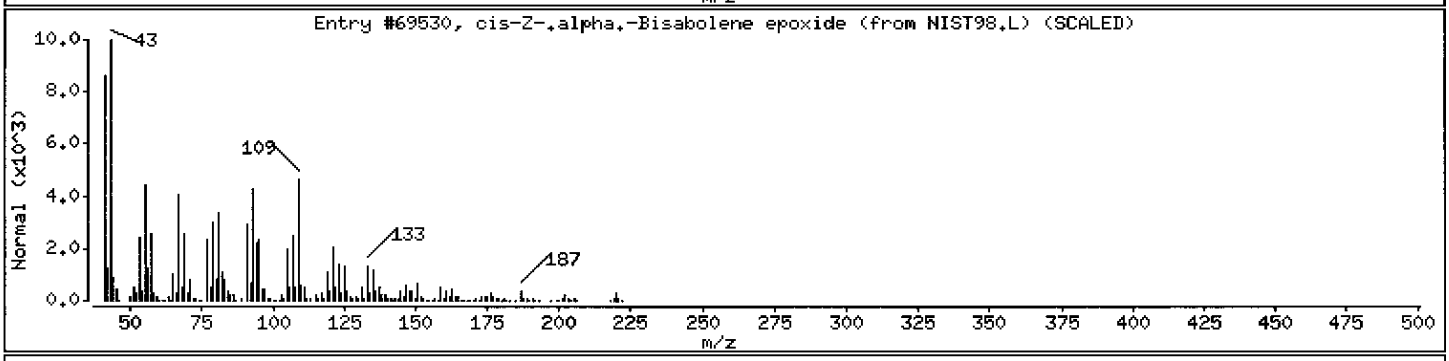
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cholestane, 3-methoxy-, (3.beta.,5.alpha	1981-90-4	NIST98.L	157091	43	C28H500	402
cis-Z-.alpha.-Bisabolene epoxide	1000131-71-2	NIST98.L	69530	41	C15H240	220







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Date : 25-AUG-2005 13:40

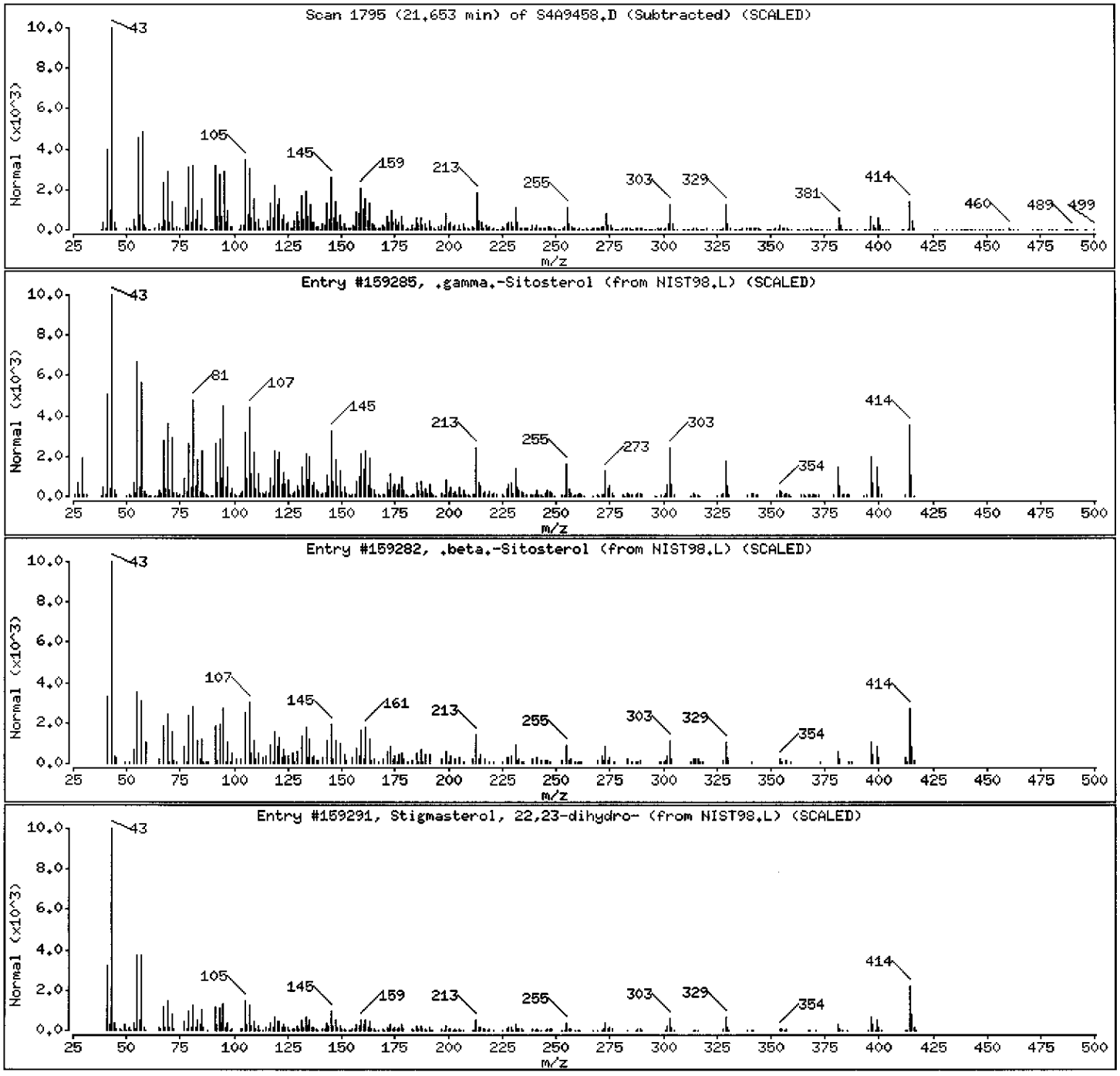
Client ID: SD01-S-0 Instrument: S4.i

Sample Info: D0926-05A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.gamma.-Sitosterol	83-47-6	NIST98.L	159285	99	C29H500	414
.beta.-Sitosterol	83-46-5	NIST98.L	159282	97	C29H500	414
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST98.L	159291	95	C29H500	414



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Date : 25-AUG-2005 13:40

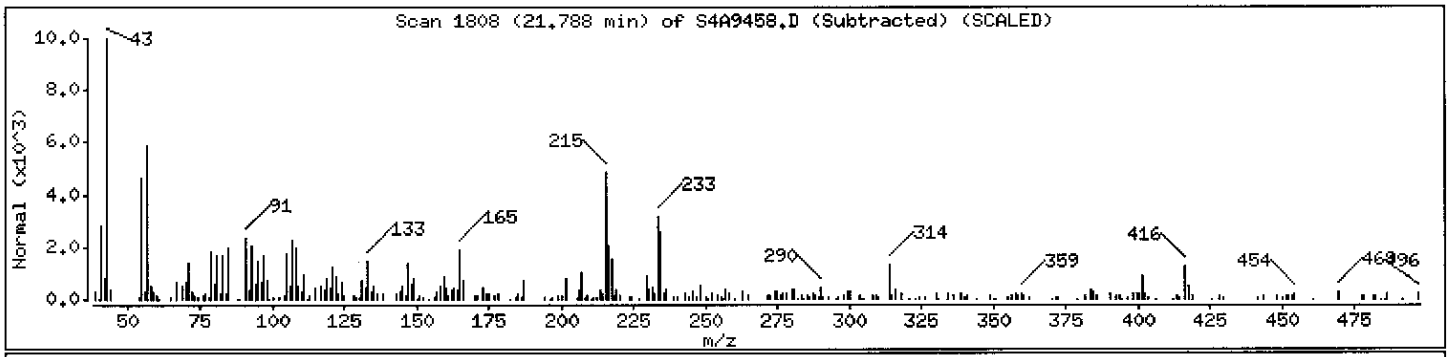
Client ID: SD01-S-0 Instrument: S4.i

Sample Info: D0926-05A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 13:40

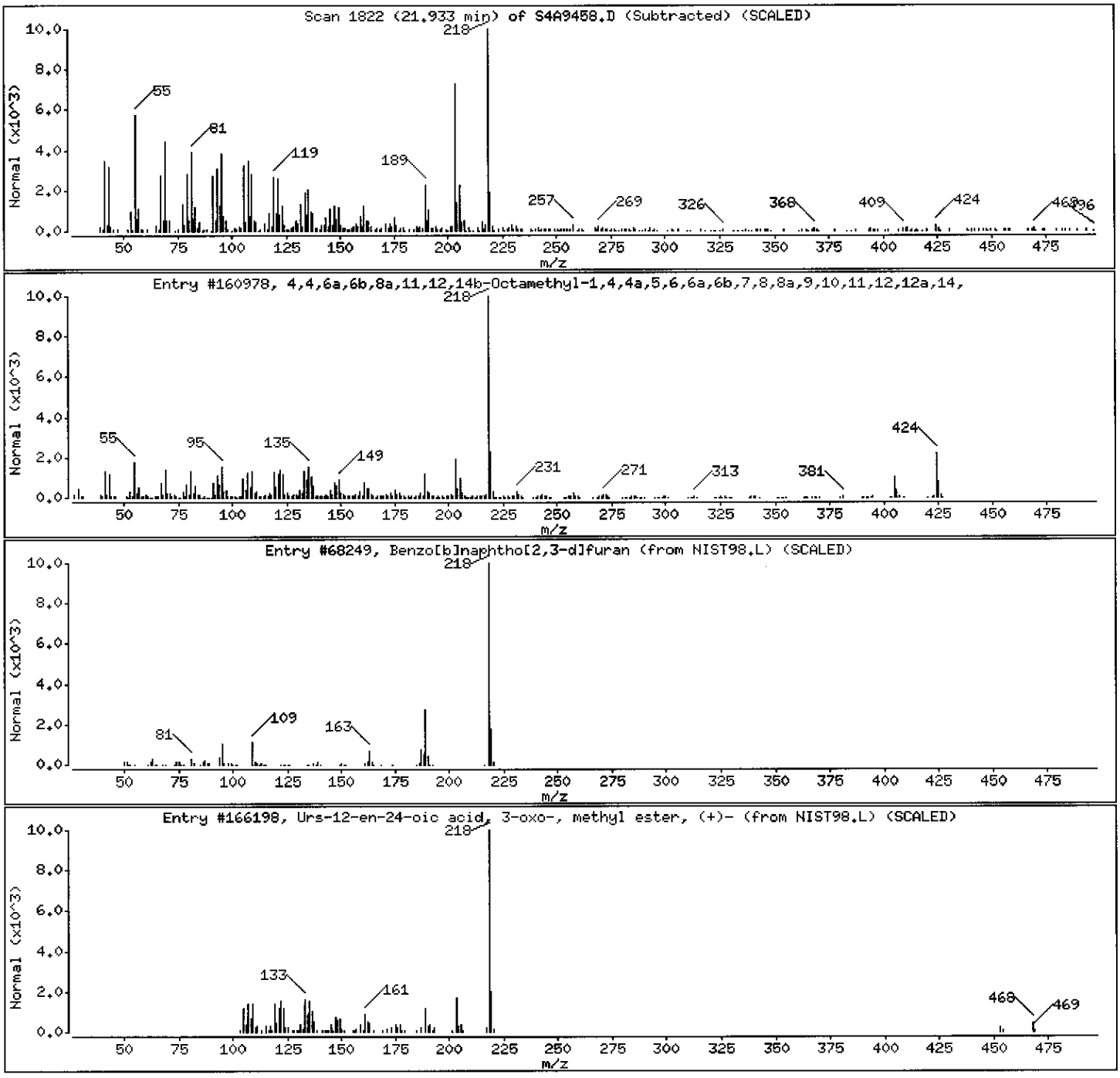
Client ID: SD01-S-0 Instrument: S4.i

Sample Info: D0926-05A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
4,4,6a,6b,8a,11,12,14b-Octamethyl-1,4,4a	1000194-64-2	NIST98.L	160978	62	C30H480	424
Benzo[b]naphtho[2,3-d]furan	243-42-5	NIST98.L	68249	60	C16H100	218
Urs-12-en-24-oic acid, 3-oxo-, methyl es	20475-86-9	NIST98.L	166198	58	C31H4803	468



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Date : 25-AUG-2005 13:40

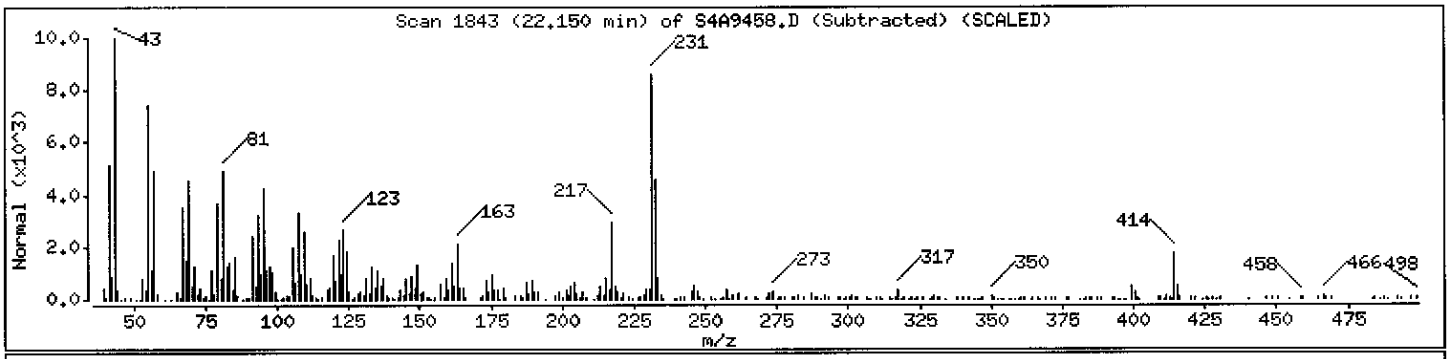
Client ID: SD01-S-0 Instrument: S4.i

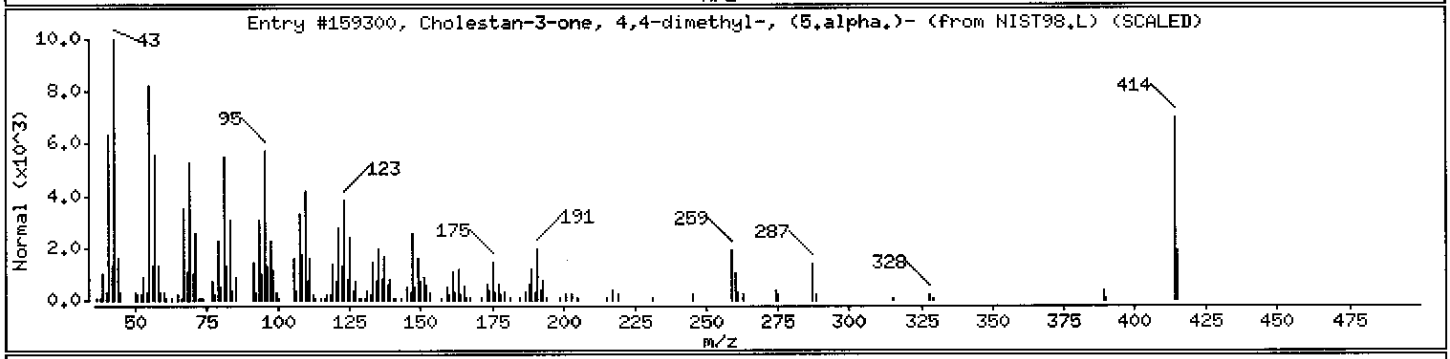
Sample Info: D0926-05A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cholestan-3-one, 4,4-dimethyl-, (5.alpha	2097-85-0	NIST98.L	159300	42	C29H50O	414





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Date : 25-AUG-2005 13:40

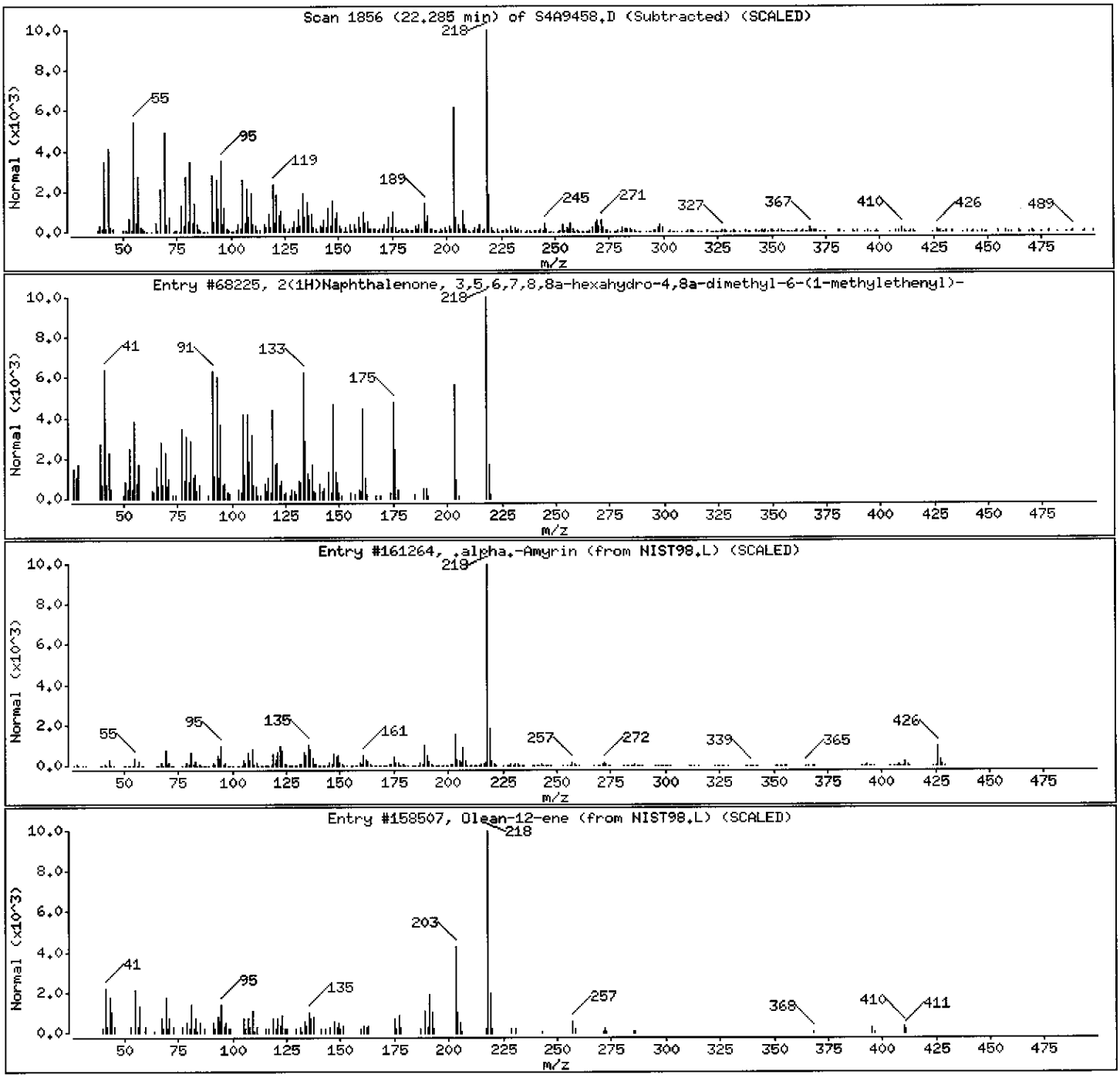
Client ID: SD01-S-0 Instrument: S4.i

Sample Info: D0926-05A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2(1H)Naphthalenone, 3,5,6,7,8,8a-hexahyd	1000188-66-5	NIST98.L	68225	94	C15H220	218
.alpha.-Amyrin	638-95-9	NIST98.L	161264	83	C30H500	426
Olean-12-ene	471-68-1	NIST98.L	158507	64	C30H50	410



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Date : 25-AUG-2005 13:40

Client ID: SD01-S-0

Instrument: S4.i

Sample Info: D0926-05A,,19468,,

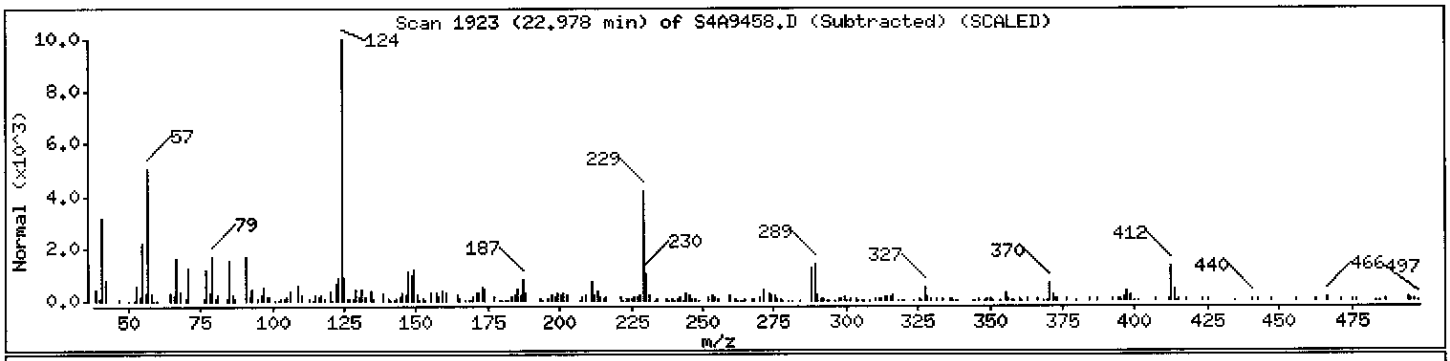
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9458.D

Date : 25-AUG-2005 13:40

Client ID: SD01-S-0

Instrument: S4.i

Sample Info: D0926-05A,,19468,,

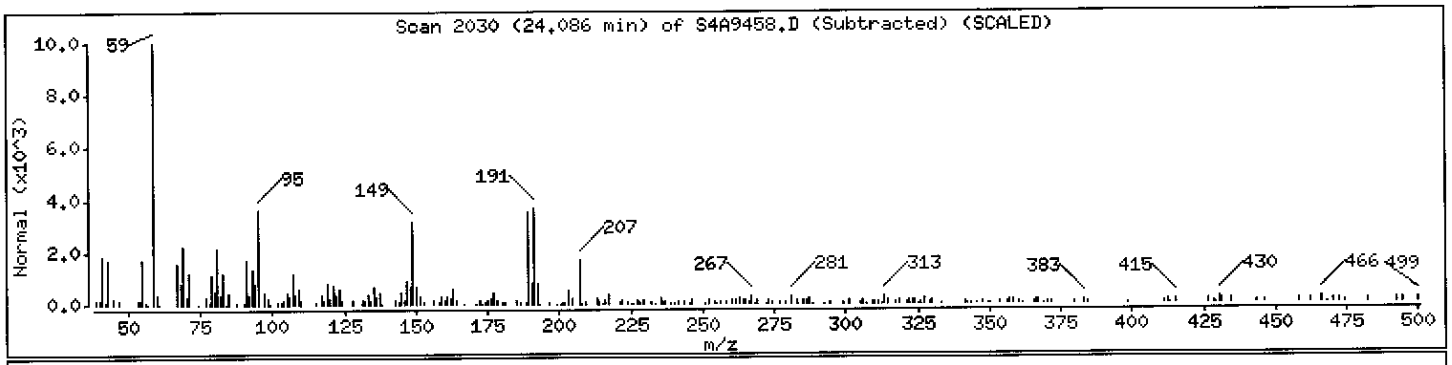
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9458.D

Date : 25-AUG-2005 13:40

Client ID: SD01-S-0

Instrument: S4.i

Sample Info: D0926-05A,,19468,,

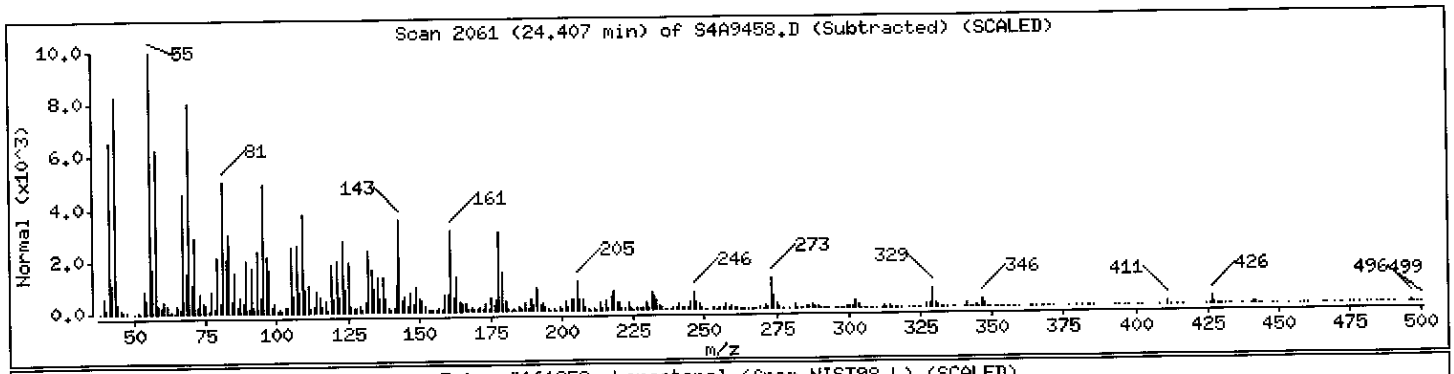
Volume Injected (uL): 2.0

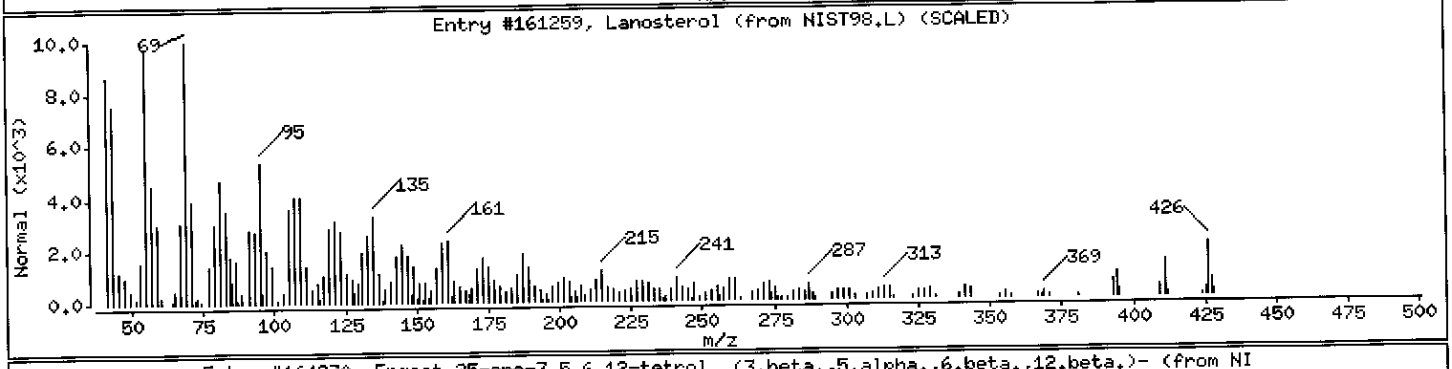
Operator: AW SRC: LIMS

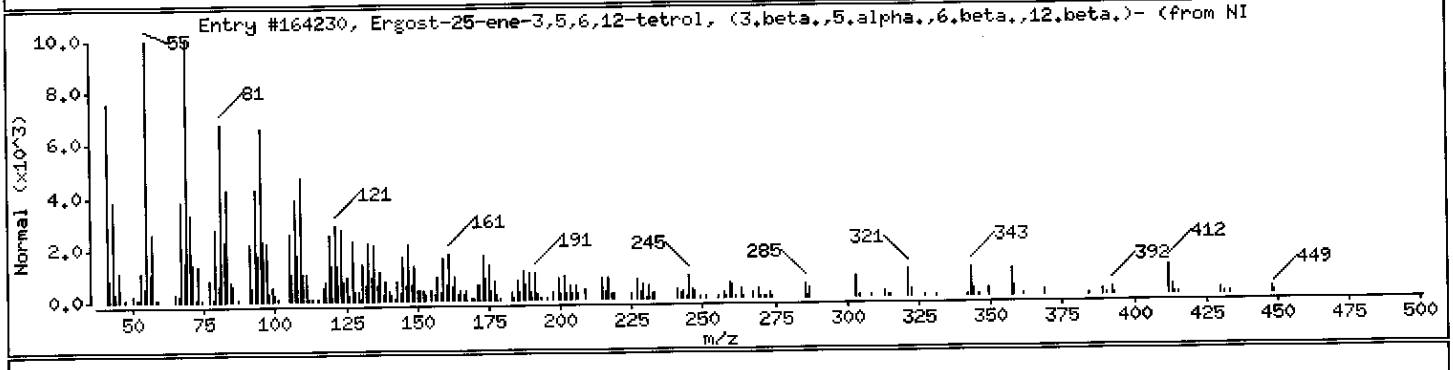
Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Lanosterol	79-63-0	NIST98.L	161259	78	C30H500	426
Ergost-25-ene-3,5,6,12-tetrol, (3.beta.,	56052-97-2	NIST98.L	164230	46	C28H4804	448







1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-03A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9461

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 78 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	550	J
108-95-2	Phenol	1500	U
111-44-4	bis(2-Chloroethyl)Ether	1500	U
95-57-8	2-Chlorophenol	1500	U
95-48-7	2-Methylphenol	1500	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1500	U
98-86-2	Acetophenone	1500	U
106-44-5	4-Methylphenol	1500	U
621-64-7	N-Nitroso-di-n-propylamine	1500	U
67-72-1	Hexachloroethane	1500	U
98-95-3	Nitrobenzene	1500	U
78-59-1	Isophorone	1500	U
88-75-5	2-Nitrophenol	1500	U
105-67-9	2,4-Dimethylphenol	1500	U
111-91-1	bis(2-Chloroethoxy)methane	1500	U
120-83-2	2,4-Dichlorophenol	1500	U
91-20-3	Naphthalene	1500	U
106-47-8	4-Chloroaniline	1500	U
87-68-3	Hexachlorobutadiene	1500	U
105-60-2	Caprolactam	1500	U
59-50-7	4-Chloro-3-Methylphenol	1500	U
91-57-6	2-Methylnaphthalene	1500	U
77-47-4	Hexachlorocyclopentadiene	1500	U
88-06-2	2,4,6-Trichlorophenol	1500	U
95-95-4	2,4,5-Trichlorophenol	3800	U
92-52-4	1,1'-Biphenyl	1500	U
91-58-7	2-Chloronaphthalene	1500	U
88-74-4	2-Nitroaniline	3800	U
131-11-3	Dimethylphthalate	1500	U
606-20-2	2,6-Dinitrotoluene	1500	U
208-96-8	Acenaphthylene	270	J
99-09-2	3-Nitroaniline	3800	U
83-32-9	Acenaphthene	1500	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-03A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9461

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 78 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	3800	U
100-02-7	4-Nitrophenol	3800	U
132-64-9	Dibenzofuran	1500	U
121-14-2	2,4-Dinitrotoluene	1500	U
84-66-2	Diethylphthalate	1500	U
86-73-7	Fluorene	1500	U
7005-72-3	4-Chlorophenyl-phenylether	1500	U
100-01-6	4-Nitroaniline	3800	U
534-52-1	4,6-Dinitro-2-methylphenol	3800	U
86-30-6	N-Nitrosodiphenylamine (1)	1500	U
101-55-3	4-Bromophenyl-phenylether	1500	U
118-74-1	Hexachlorobenzene	1500	U
1912-24-9	Atrazine	1500	U
87-86-5	Pentachlorophenol	3800	U
85-01-8	Phenanthrene	4100	
120-12-7	Anthracene	210	J
86-74-8	Carbazole	560	J
84-74-2	Di-n-butylphthalate	1500	U
206-44-0	Fluoranthene	10000	
129-00-0	Pyrene	5600	
85-68-7	Butylbenzylphthalate	1500	U
91-94-1	3,3'-Dichlorobenzidine	1500	U
56-55-3	Benzo(a)anthracene	1400	J
218-01-9	Chrysene	4900	
117-81-7	bis(2-Ethylhexyl)phthalate	520	JB
117-84-0	Di-n-octylphthalate	1500	U
205-99-2	Benzo(b)fluoranthene	7700	
207-08-9	Benzo(k)fluoranthene	2100	
50-32-8	Benzo(a)pyrene	3100	
193-39-5	Indeno(1,2,3-cd)pyrene	2300	
53-70-3	Dibenzo(a,h)anthracene	560	J
191-24-2	Benzo(g,h,i)perylene	2900	

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD02-S-D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-03A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9461

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 78 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

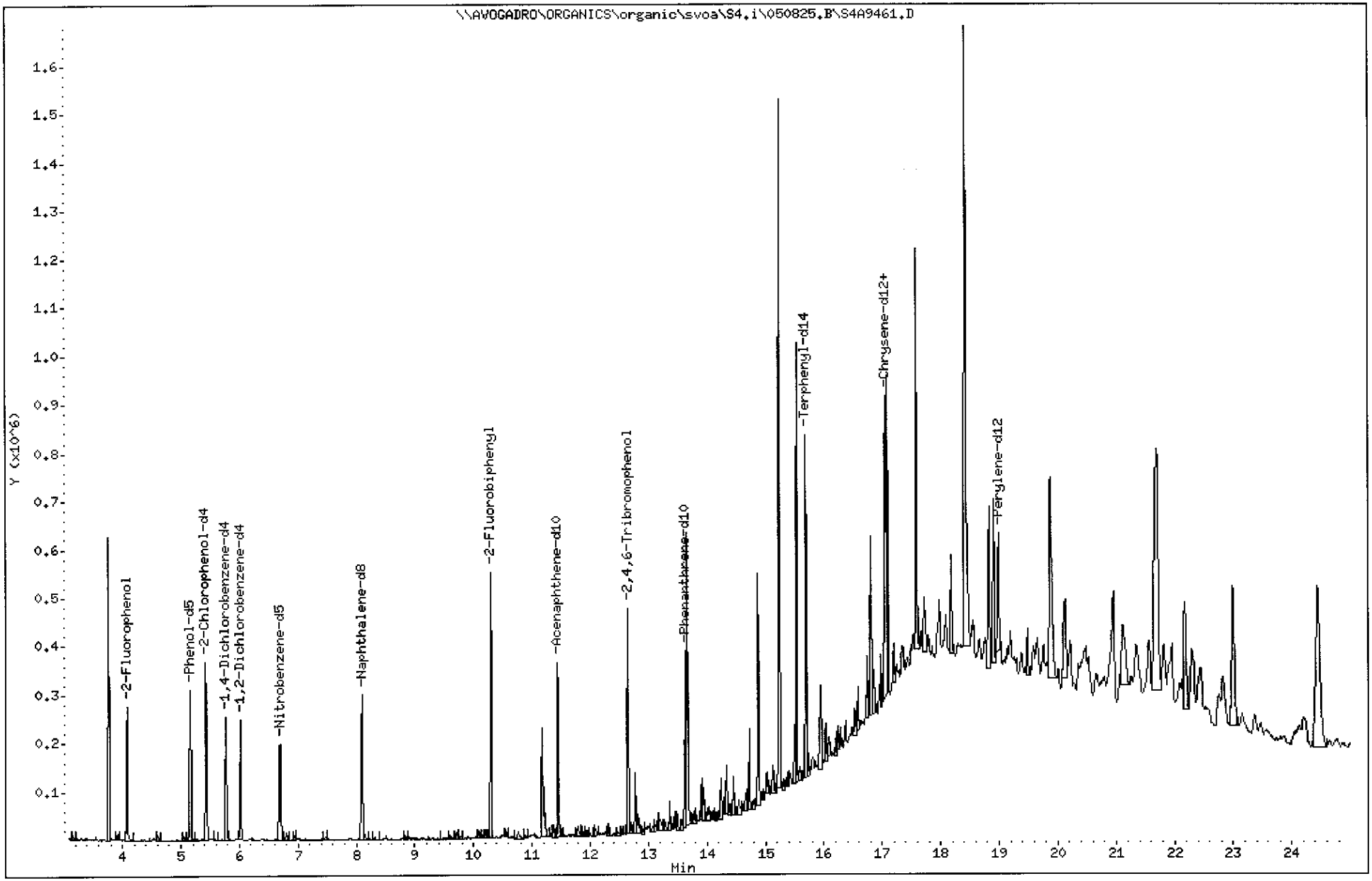
GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

Number TICs found: 30

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	872-05-9	1-DECENE	11.18	2500	NJ
2.		UNKNOWN	11.79	330	J
3.		UNKNOWN	13.20	310	J
4.	548-39-0	1H-PHENALEN-1-ONE	13.35	490	NJ
5.	132-65-0	DIBENZOTHIOPHENE	13.48	380	NJ
6.		UNKNOWN	13.90	540	J
7.		UNKNOWN	14.03	400	J
8.	2416-20-8	HEXADECENOIC ACID, Z-11-	14.23	680	NJ
9.	57-10-3	N-HEXADECANOIC ACID	14.33	890	NJ
10.	203-64-5	4H-CYCLOPENTA[DEF]PHENANTHRE	14.45	680	NJ
11.		UNKNOWN	14.54	470	J
12.		UNKNOWN	14.67	370	J
13.	84-65-1	9,10-ANTHRACENEDIONE	14.73	1400	NJ
14.	1000130-82-4	Z-8-METHYL-9-TETRADECEN-1-OL	14.87	3300	NJ
15.		UNKNOWN	15.03	400	J
16.		UNKNOWN	15.13	510	J
17.		UNKNOWN	15.51	470	J
18.	243-17-4	11H-BENZO[B]FLUORENE	15.95	830	NJ
19.	239-35-0	BENZO[B]NAPHTHO[2,1-D]THIOPH	16.74	450	NJ
20.		UNKNOWN	16.80	1400	J
21.	479-79-8	11H-BENZO[A]FLUOREN-11-ONE	16.86	320	NJ
22.		UNKNOWN	17.72	580	J
23.	7390-81-0	OXIRANE, HEXADECYL-	18.18	2300	NJ
24.	10191-41-0	VITAMIN E	19.88	10000	NJ
25.		UNKNOWN	20.13	4000	J
26.		UNKNOWN	21.10	4200	J
27.	83-47-6	.GAMMA.-SITOSTEROL	21.68	18000	NJ
28.		UNKNOWN	22.17	5400	J
29.	1058-61-3	STIGMAST-4-EN-3-ONE	23.00	7600	NJ
30.		UNKNOWN	24.45	14000	JB

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D
Date : 25-AUG-2005 15:37
Client ID: SD02-S-D
Instrument: S4.i
Sample Info: D0926-03A,,19468,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9461.D
Report Date: 31-Aug-2005 16:07

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D
Lab Smp Id: D0926-03A Client Smp ID: SD02-S-D
Inj Date : 25-AUG-2005 15:37
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-03A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D ✓
Als bottle: 31
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	78.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	4.079	4.048	(0.707)	70946	62.8402	4800
2	Benzaldehyde	77	5.134	5.124	(0.890)	2395	7.32551	550(a)
$ 3	Phenol-d5	99	5.165	5.135	(0.896)	118467	70.1848	5300
$ 6	2-Chlorophenol-d4	132	5.424	5.414	(0.941)	103869	74.2787	5600
* 8	1,4-Dichlorobenzene-d4	152	5.766	5.755	(1.000)	42820	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	6.025	6.004	(1.045)	43904	43.2554	3300
$ 16	Nitrobenzene-d5	82	6.697	6.677	(0.827)	102587	45.8290	3500
* 23	Naphthalene-d8	136	8.095	8.074	(1.000)	190149	40.0000	
$ 33	2-Fluorobiphenyl	172	10.299	10.289	(0.900)	203309	55.1240	4200
39	Acenaphthylene	152	11.220	11.210	(0.980)	16631	3.56209	270(a)
* 41	Acenaphthene-d10	164	11.448	11.438	(1.000)	103573	40.0000	
$ 53	2,4,6-Tribromophenol	330	12.659	12.628	(0.929)	41208	105.626	8000
* 58	Phenanthrene-d10	188	13.632	13.611	(1.000)	148618	40.0000	

Data File: S4A9461.D
Report Date: 31-Aug-2005 16:07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
	59 Phenanthrene	178	13.663	13.642	(1.002)	237454	54.3064	4100
	60 Anthracene	178	13.725	13.715	(1.007)	11509	2.81283	210(a)
	61 Carbazole	167	13.942	13.922	(1.023)	27297	7.35693	560(a)
	63 Fluoranthene	202	15.236	15.216	(1.118)	579396	133.421	10000
	64 Pyrene	202	15.536	15.505	(0.911)	395663	74.1830	5600
$	65 Terphenyl-d14	244	15.692	15.671	(0.920)	195272	49.9304	3800
	68 Benzo(a)anthracene	228	17.048	17.017	(0.999)	89012	18.8705	1400(a)
*	69 Chrysene-d12	240	17.058	17.027	(1.000)	152339	40.0000	
	70 Chrysene	228	17.089	17.068	(1.002)	285454	65.0400	4900
	71 bis(2-Ethylhexyl)phthalate	149	16.975	16.954	(0.995)	26428	6.92806	520(a)
	73 Benzo(b)fluoranthene	252	18.424	18.372	(0.970)	435433	101.606	7700(M)
	74 Benzo(k)fluoranthene	252	18.455	18.414	(0.972)	124374	27.9363	2100(QM)
	75 Benzo(a)pyrene	252	18.911	18.859	(0.996)	142202	40.5566	3100
*	76 Perylene-d12	264	18.993	18.942	(1.000)	114585	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	20.960	20.877	(1.104)	127667	30.6891	2300
	78 Dibenzo(a,h)anthracene	278	20.960	20.877	(1.104)	26375	7.36596	560(a)
	79 Benzo(g,h,i)perylene	276	21.560	21.457	(1.135)	119009	37.8151	2900

MZ 08/31/06 AV

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

08/31/06 AV

Data File: S4A9461.D
Report Date: 31-Aug-2005 16:07

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D
Lab Smp Id: D0926-03A Client Smp ID: SD02-S-D
Inj Date : 25-AUG-2005 15:37
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-03A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D
Als bottle: 31
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	78.000	% Moisture

ISTD	RT	AREA	AMOUNT
* 41 Acenaphthene-d10	11.448	505282	40.000
* 58 Phenanthrene-d10	13.632	553916	40.000
* 69 Chrysene-d12	17.058	1249010	40.000
* 76 Perylene-d12	18.993	391602	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9461.D
Report Date: 31-Aug-2005 16:07

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
1-Decene				CAS #: 872-05-9			
11.179	419645	33.2206570	2500	93	NIST98.L	17264	41
Unknown				CAS #:			
11.790	55341	4.38099913	330	0		0	41
Cyclic Alkane				CAS #:			
12.773	121682	8.78703630	670	0		0	58
Straight-Chain Alkane				CAS #:			
12.825	72158	5.21075398	390	0		0	58
Unknown				CAS #:			
13.197	57322	4.13940020	310	0		0	58
1H-Phenalen-1-one				CAS #: 548-39-0			
13.353	89947	6.49535309	490	86	NIST98.L	42771	58
Dibenzothiophene				CAS #: 132-65-0			
13.477	70346	5.07990381	380	87	NIST98.L	45490	58
Unknown				CAS #:			
13.901	99506	7.18563826	540	0		0	58
Unknown				CAS #:			
14.025	73892	5.33597152	400	0		0	58
Hexadecenoic acid, Z-11-				CAS #: 2416-20-8			
14.232	124131	8.96388622	680	90	NIST98.L	90865	58
n-Hexadecanoic acid				CAS #: 57-10-3			
14.325	163069	11.7757205	890	95	NIST98.L	92228	58
4H-Cyclopenta[def]phenanthrene				CAS #: 203-64-5			
14.450	124765	9.00966934	680	87	NIST98.L	49339	58
Unknown				CAS #:			
14.543	86561	6.25083948	470	0		0	58
Unknown				CAS #:			
14.667	66856	4.82788004	370	0		0	58
9,10-Anthracenedione				CAS #: 84-65-1			
14.729	247090	17.8431387	1400	96	NIST98.L	61654	58

Data File: S4A9461.D
Report Date: 31-Aug-2005 16:07

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Z-8-Methyl-9-tetradecen-1-ol acetate				CAS #: 1000130-82-4			
14.874	603094	43.5512966	3300	90	NIST98.L	99336	58
Unknown				CAS #:			
15.029	73753	5.32593390	400	0		0	58
Unknown				CAS #:			
15.133	93122	6.72462973	510	0		0	58
Unknown				CAS #:			
15.505	193292	6.19024668	470	0		0	69
11H-Benzo[b]fluorene				CAS #: 243-17-4			
15.950	344138	11.0211447	830	90	NIST98.L	67030	69
Benzo[b]naphtho[2,1-d]thiophene				CAS #: 239-35-0			
16.737	184944	5.92289894	450	94	NIST98.L	78650	69
Unknown				CAS #:			
16.799	567396	18.1710635	1400	0		0	69
11H-Benzo[a]fluoren-11-one				CAS #: 479-79-8			
16.861	133484	4.27487370	320	95	NIST98.L	76451	69
Straight-Chain Alkane				CAS #:			
17.586	1170258	37.4779385	2800	0		0	69
Unknown				CAS #:			
17.720	238362	7.63362983	580	0		0	69
Oxirane, hexadecyl-				CAS #: 7390-81-0			
18.176	303451	30.9958580	2300	90	NIST98.L	99459	76
Branched Alkane				CAS #:			
19.480	181192	18.5077706	1400	0		0	76
Vitamin E				CAS #: 10191-41-0			
19.884	1336573	136.523613	10000	91	NIST98.L	161942	76
Unknown				CAS #:			
20.132	519896	53.1045296	4000	0		0	76
Unknown				CAS #:			
21.105	543717	55.5377143	4200	0		0	76

Data File: S4A9461.D
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		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
.gamma.-Sitosterol				CAS #: 83-47-6			
21.684	2308091	235.758857	18000	96	NIST98.L	159285	76
Unknown				CAS #:			
22.171	700401	71.5421270	5400	0		0	76
Stigmast-4-en-3-one				CAS #: 1058-61-3			
22.999	987198	100.836870	7600	96	NIST98.L	158845	76
Unknown				CAS #:			
24.448	1749316	178.683051	14000	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0

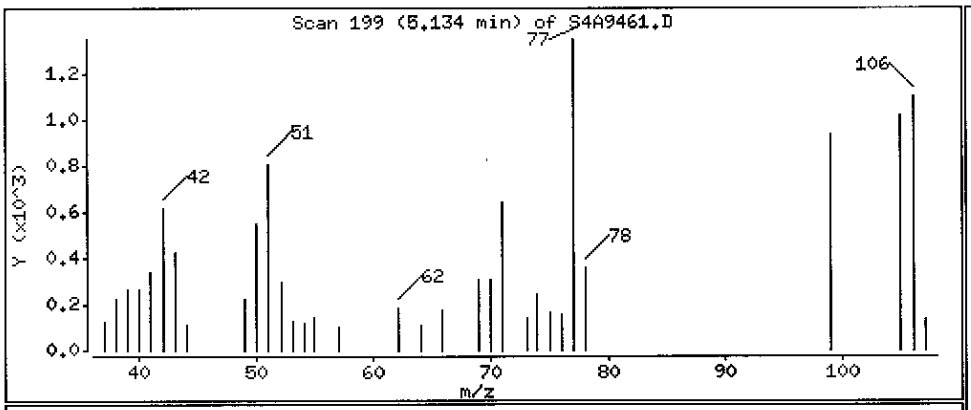
Operator: AW SRC: LIMS

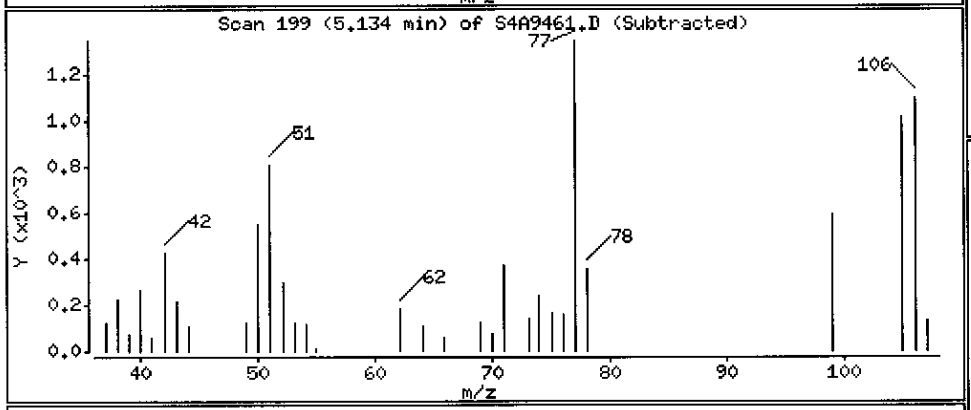
Column phase: DB-5MS

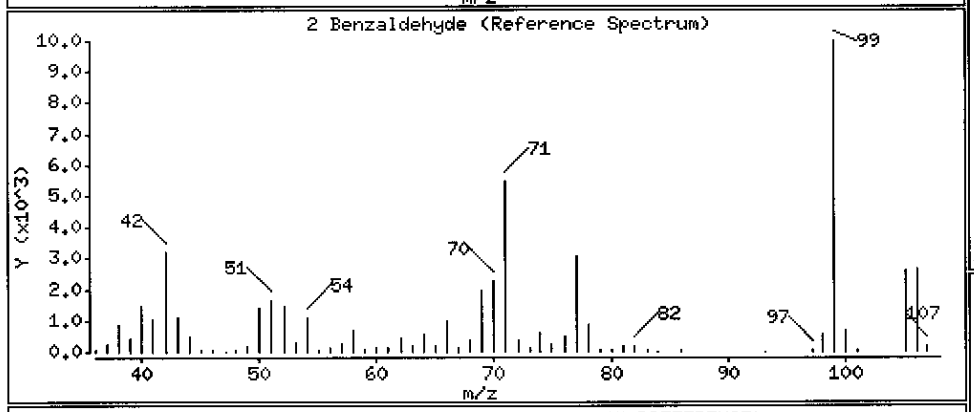
Column diameter: 0.25

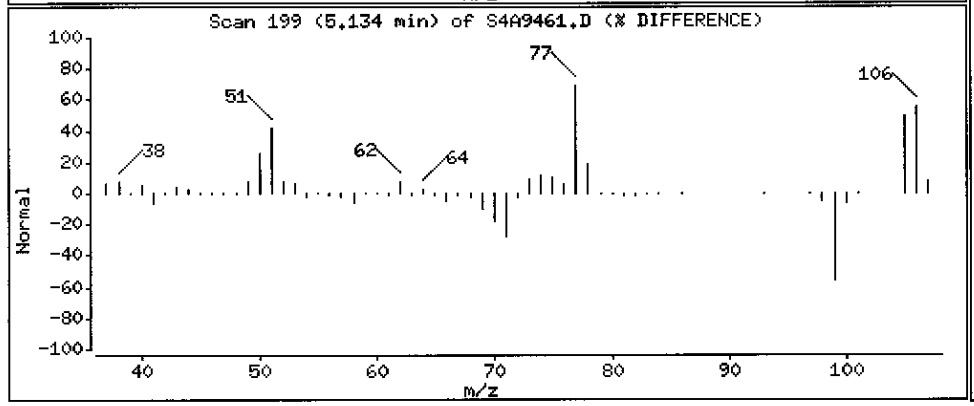
2 Benzaldehyde

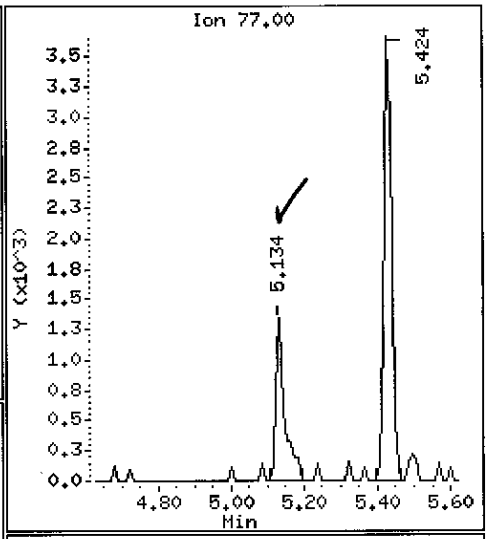
Concentration: 550 ug/Kg

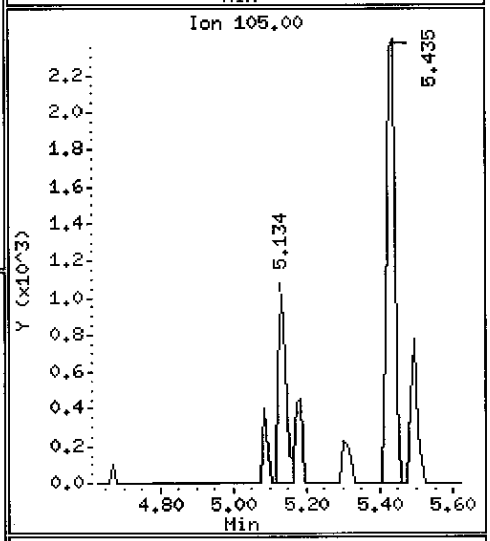


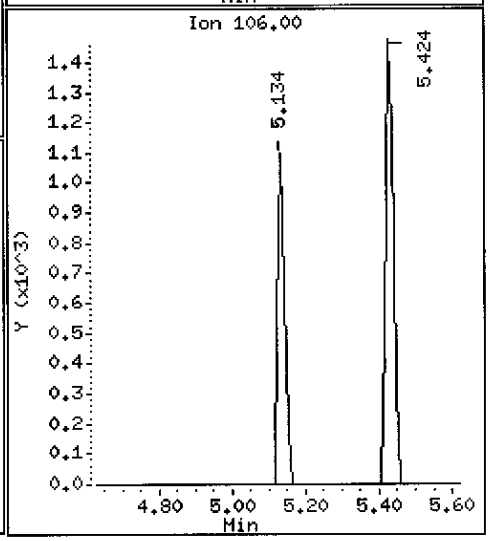












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0

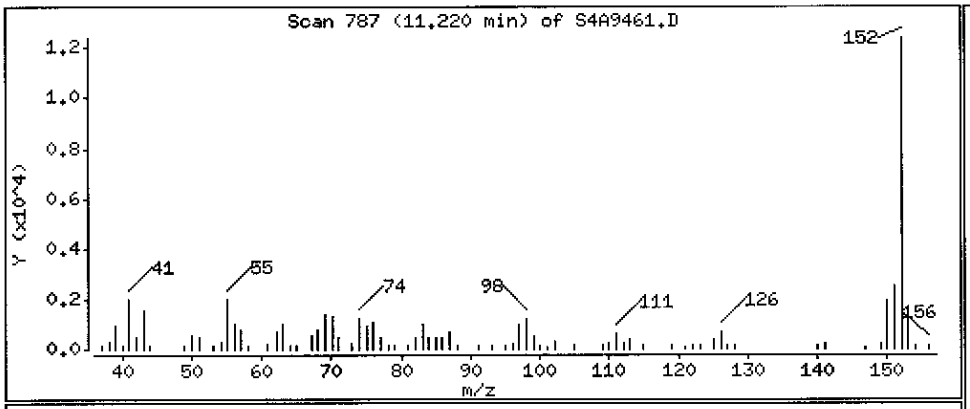
Operator: AW SRC: LIMS

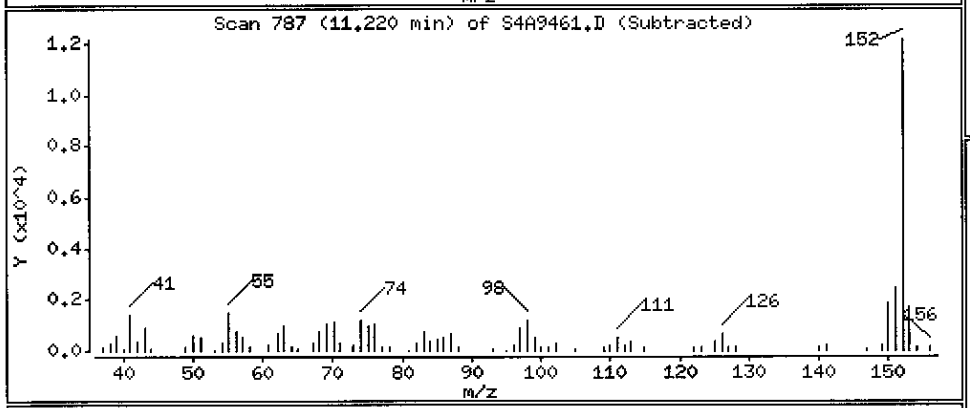
Column phase: DB-5MS

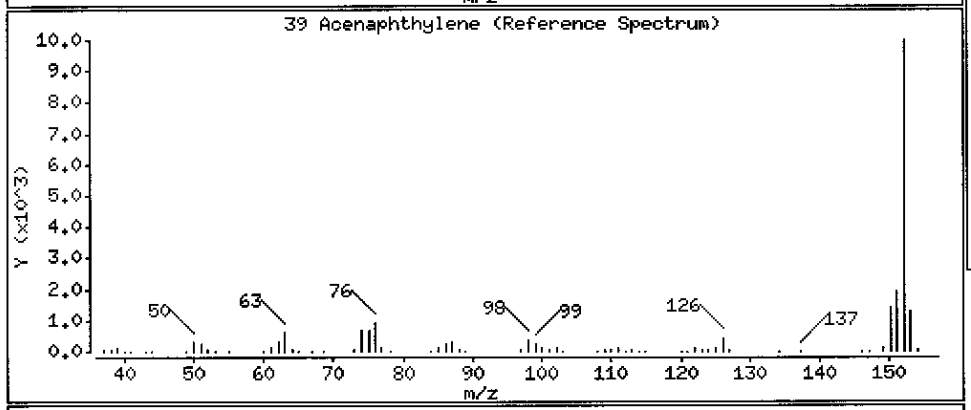
Column diameter: 0.25

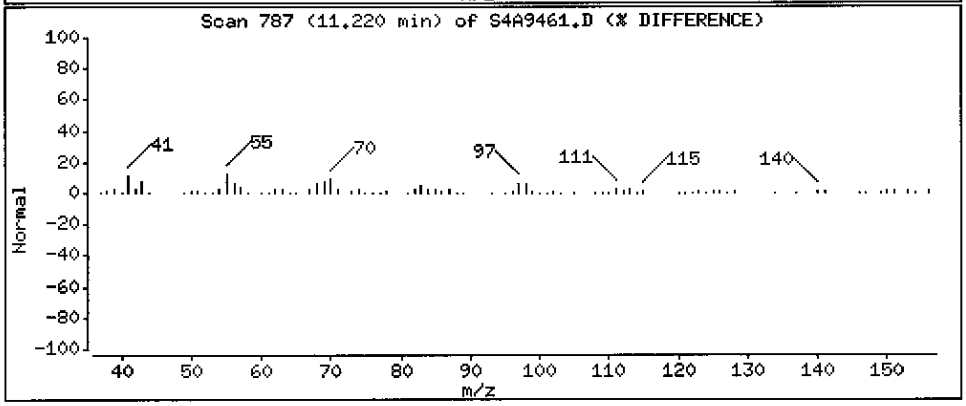
39 Acenaphthylene

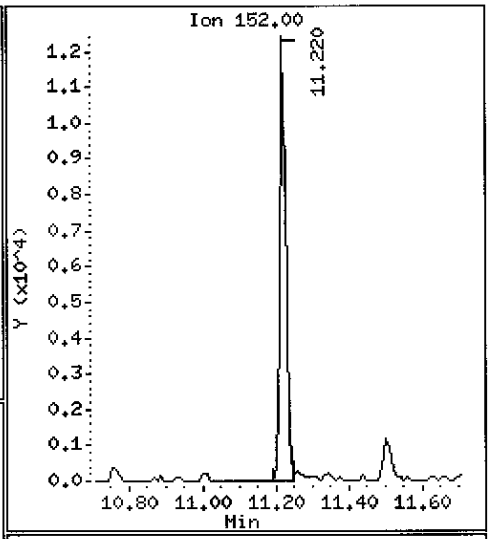
Concentration: 270 ug/Kg

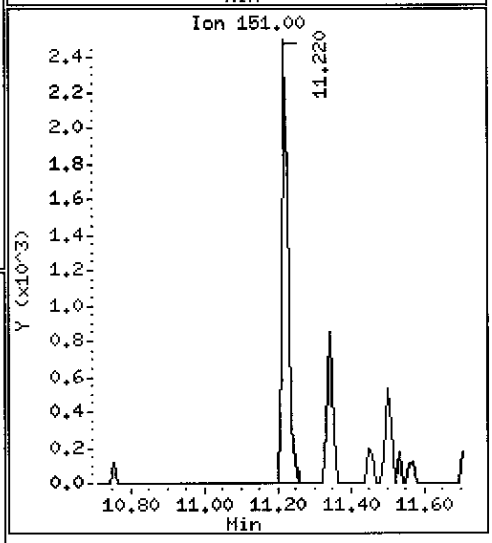












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0

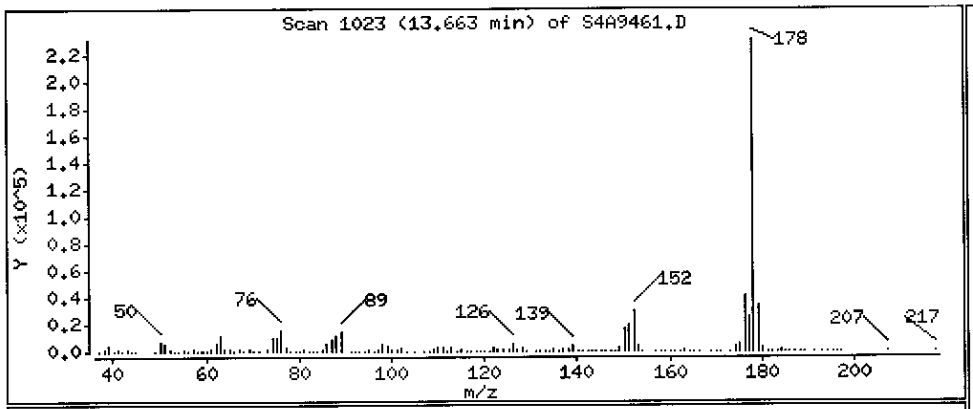
Operator: AW SRC: LIMS

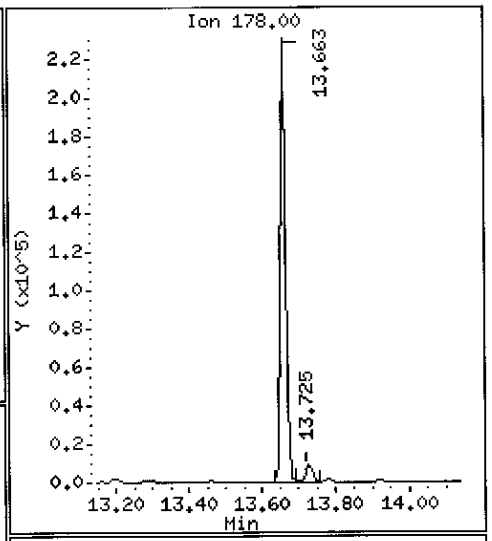
Column phase: DB-5MS

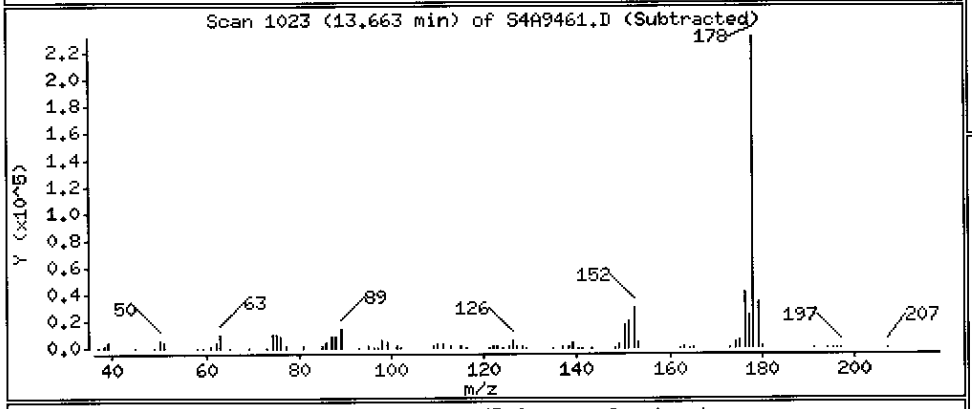
Column diameter: 0.25

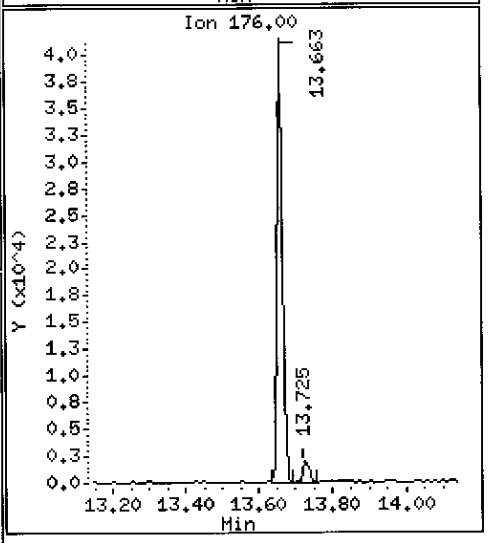
59 Phenanthrene

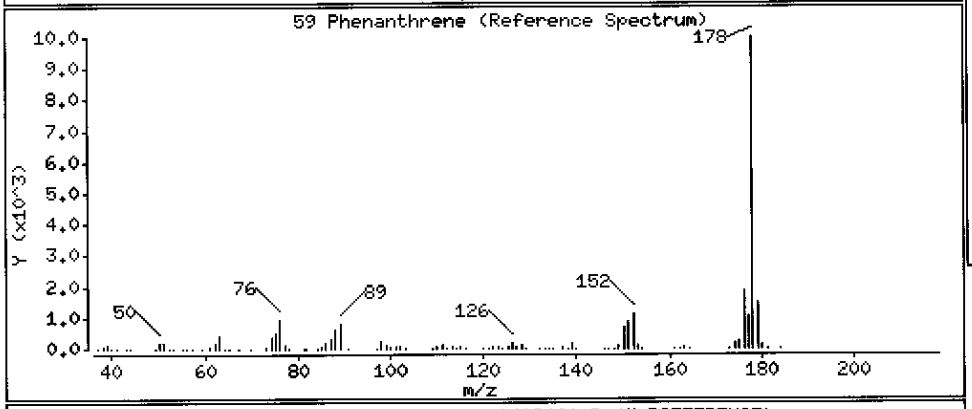
Concentration: 4100 ug/Kg

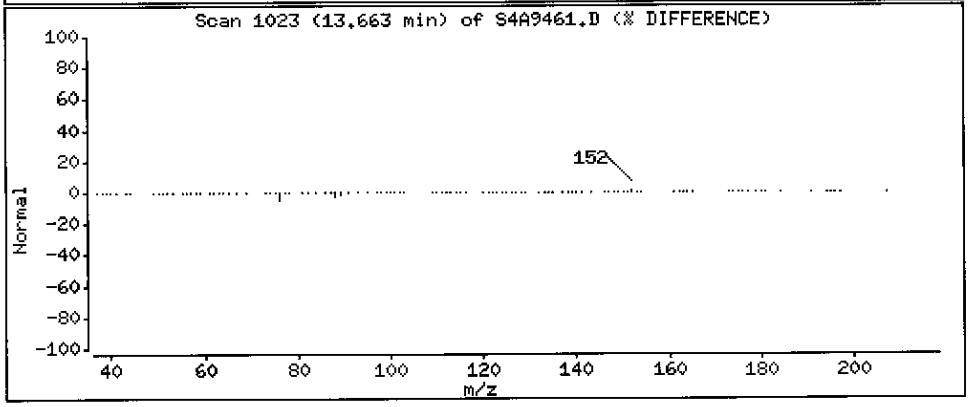












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0

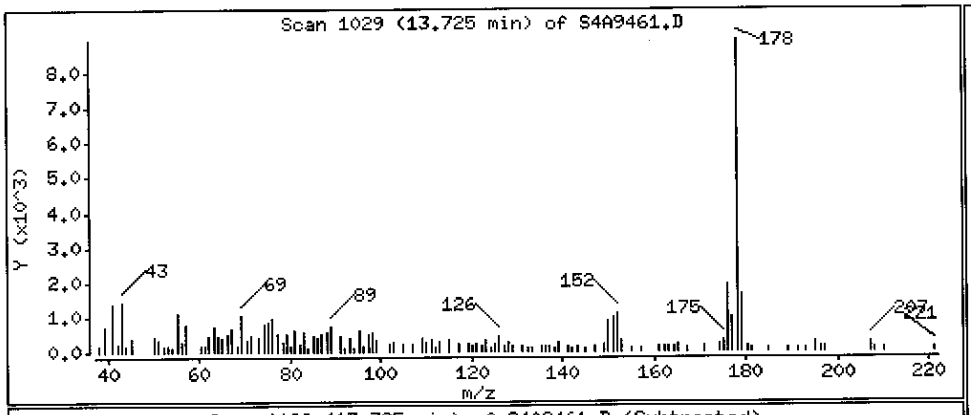
Operator: AW SRC: LIMS

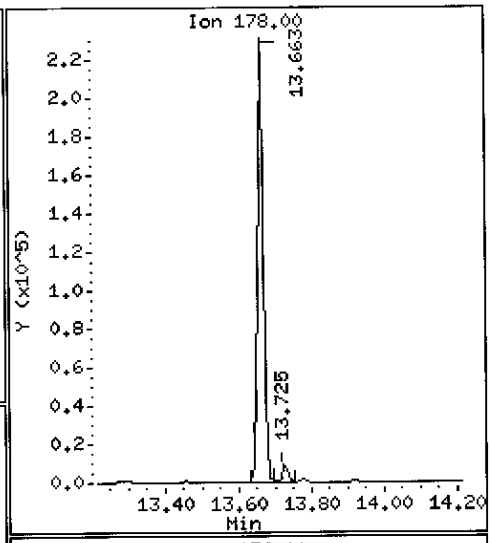
Column phase: DB-5MS

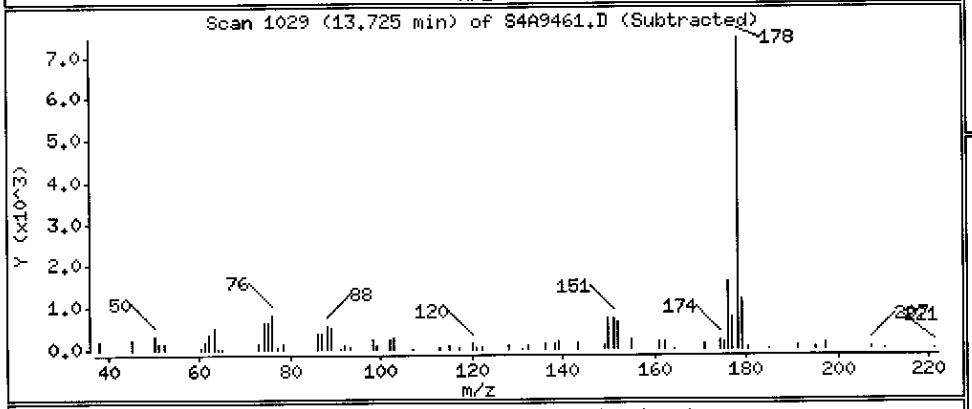
Column diameter: 0.25

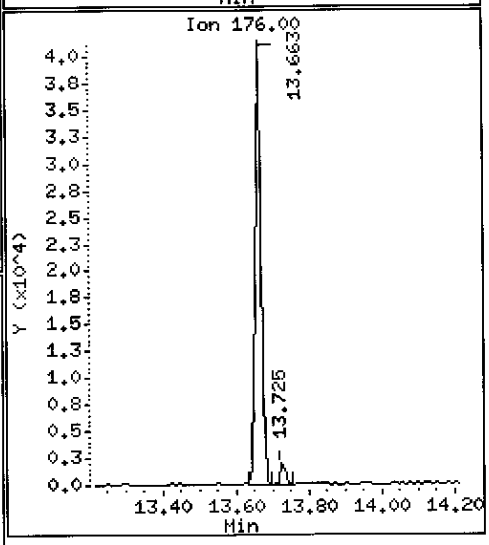
60 Anthracene

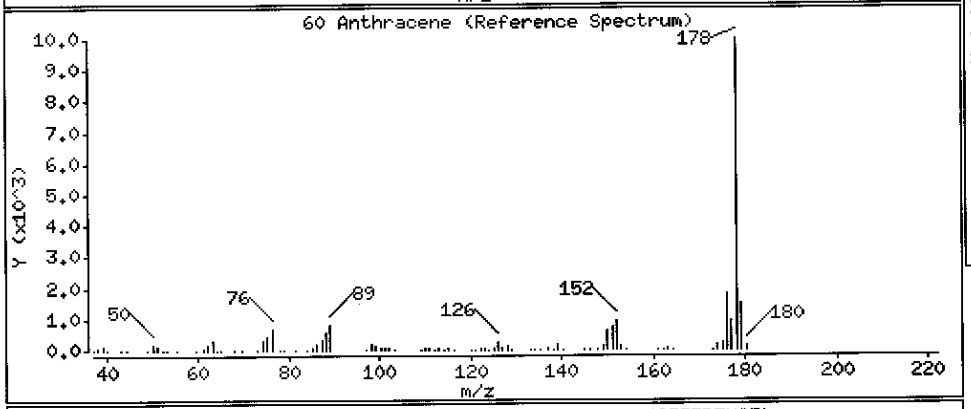
Concentration: 210 ug/Kg

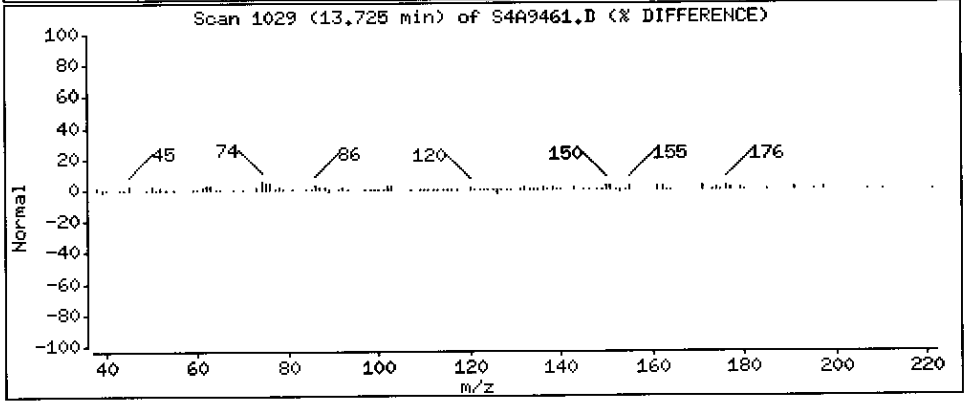












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0

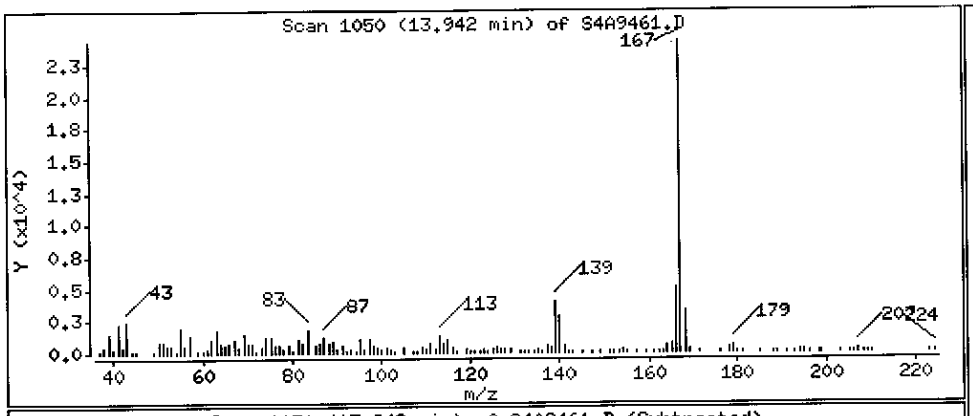
Operator: AW SRC: LIMS

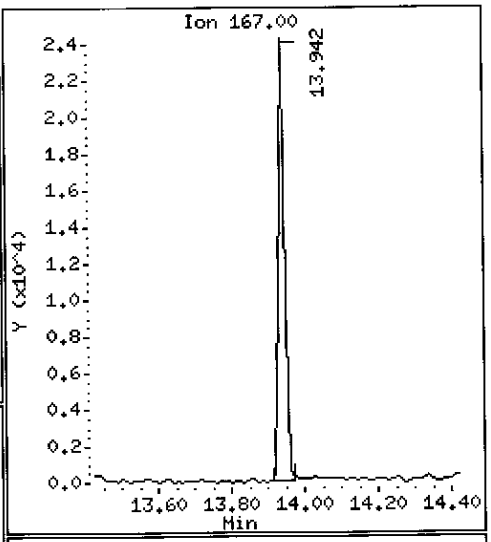
Column phase: DB-5MS

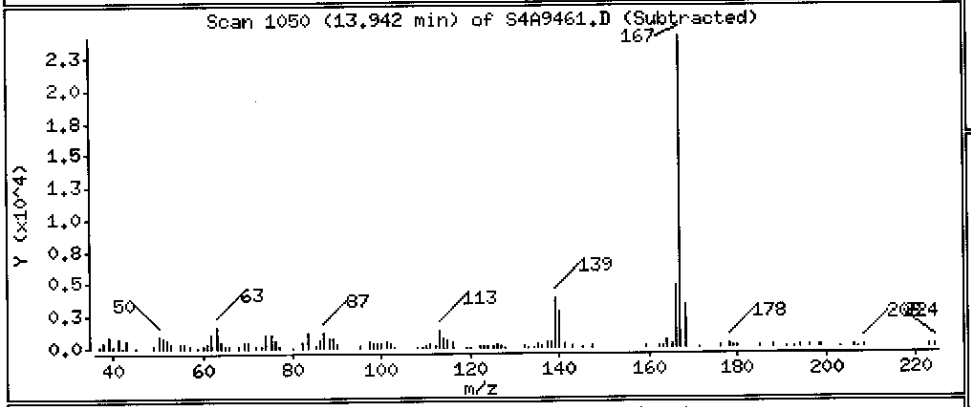
Column diameter: 0.25

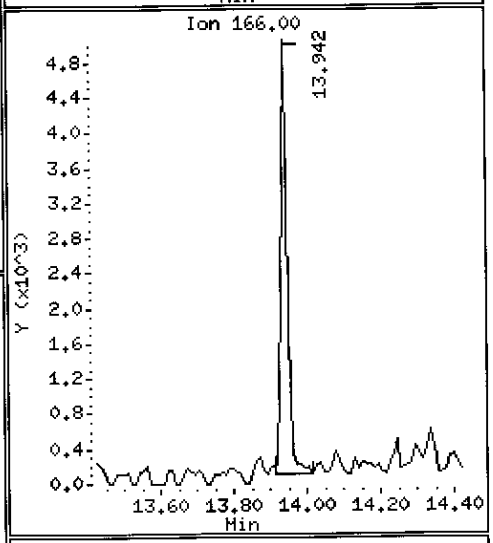
61 Carbazole

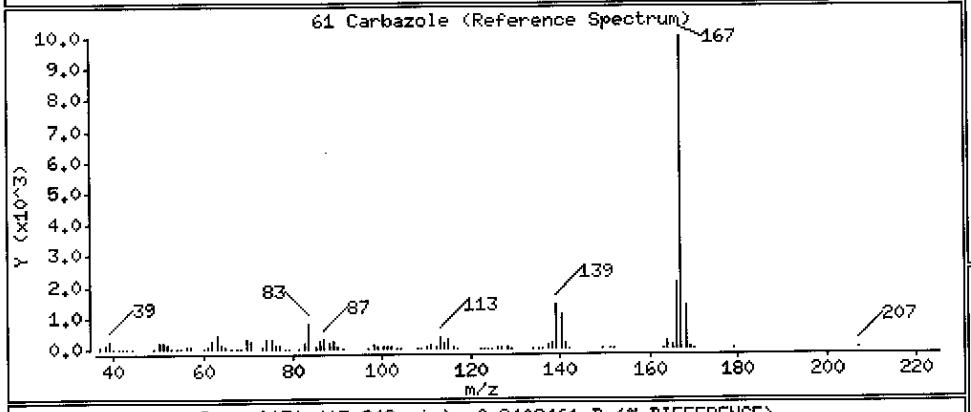
Concentration: 560 ug/Kg

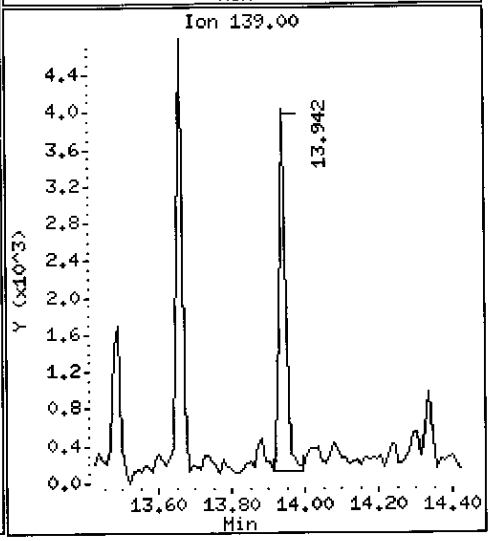


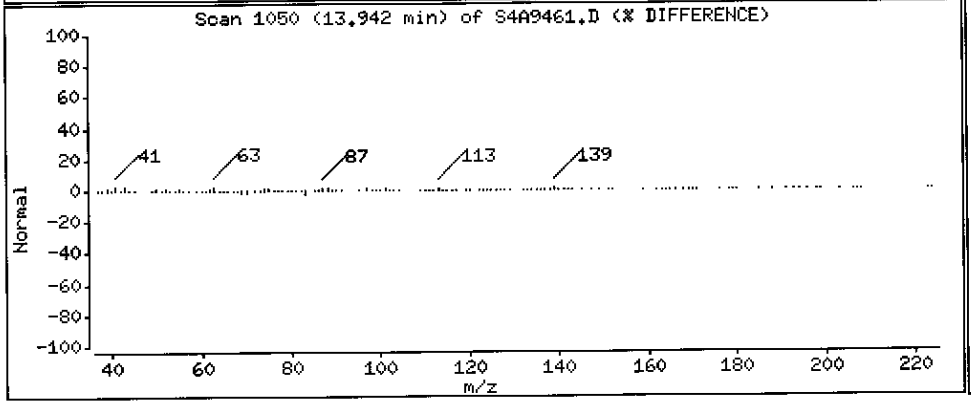












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0

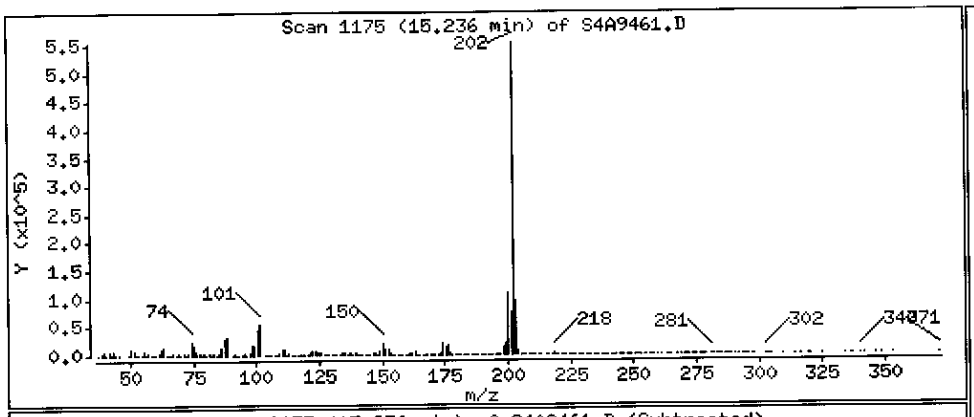
Operator: AW SRC: LIMS

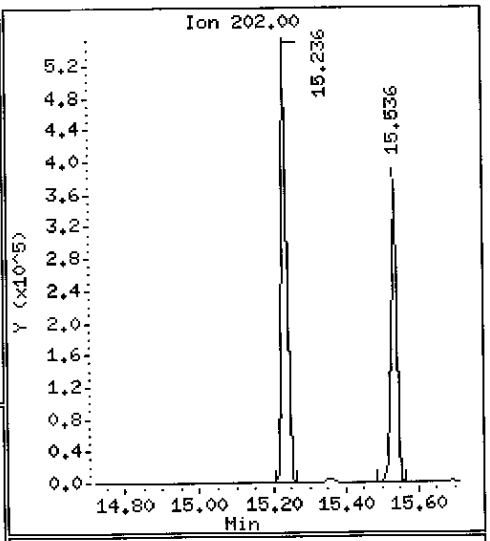
Column phase: DB-5MS

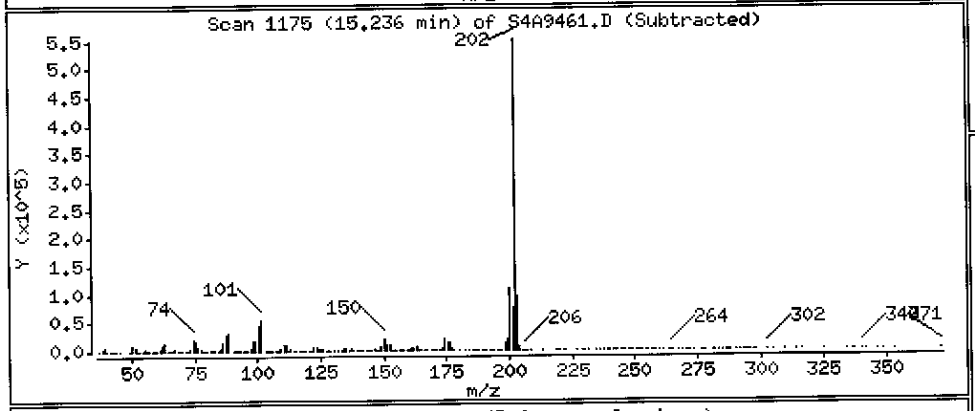
Column diameter: 0.25

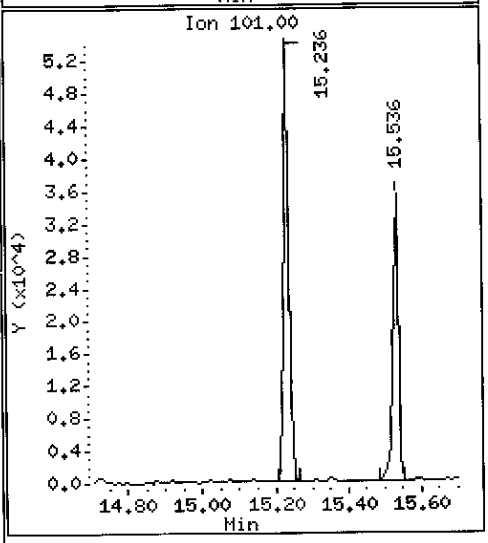
63 Fluoranthene

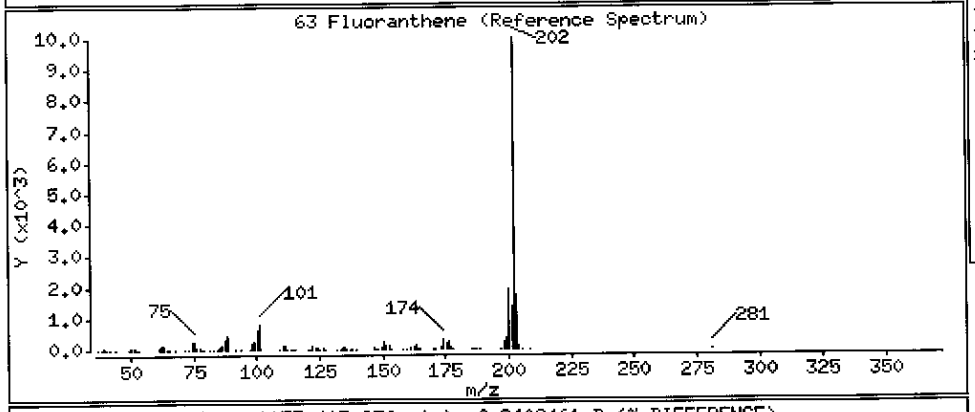
Concentration: 10000 ug/Kg

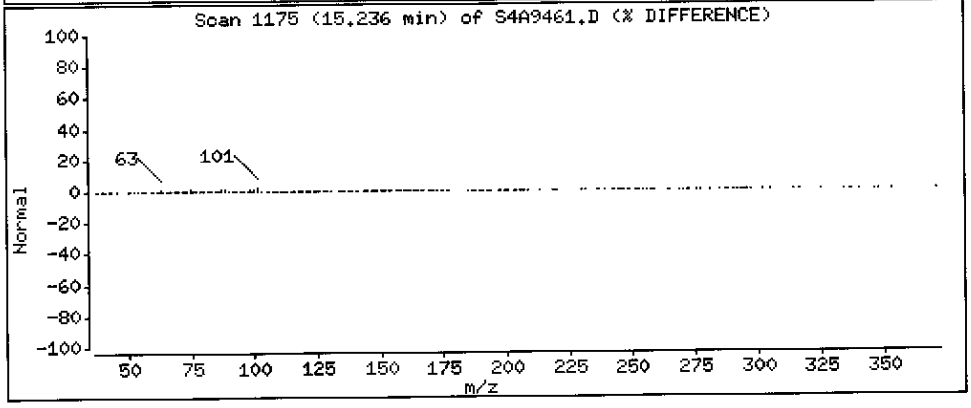












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0

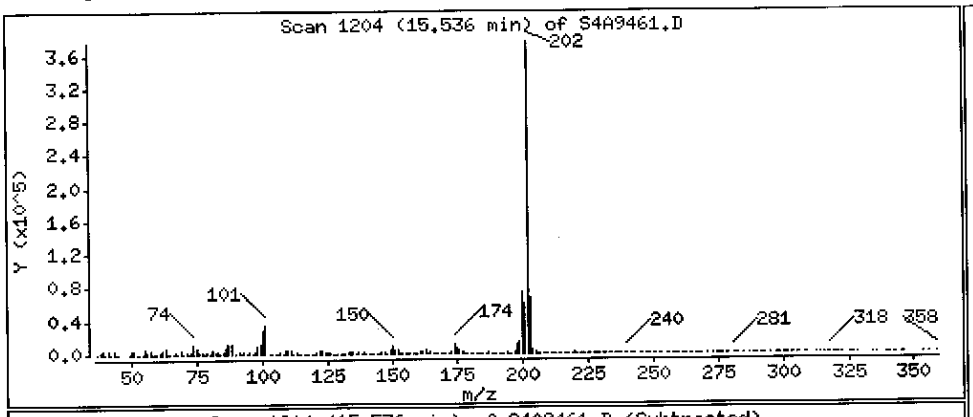
Operator: AW SRC: LIMS

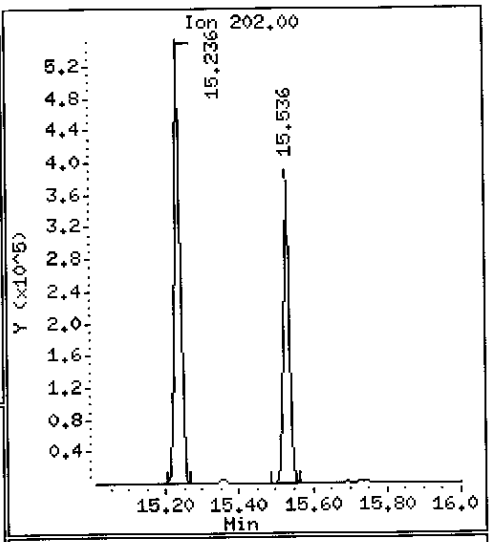
Column phase: DB-5MS

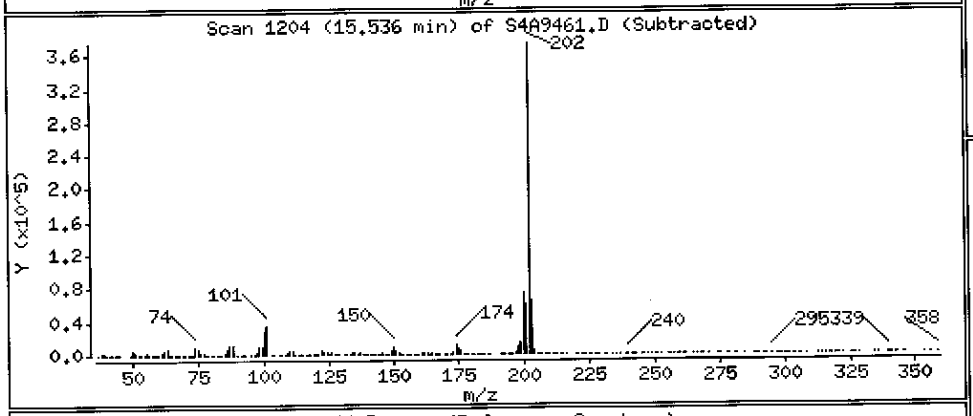
Column diameter: 0.25

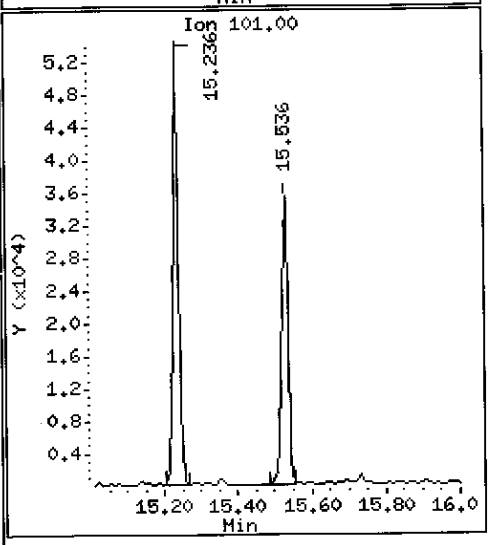
64 Pyrene

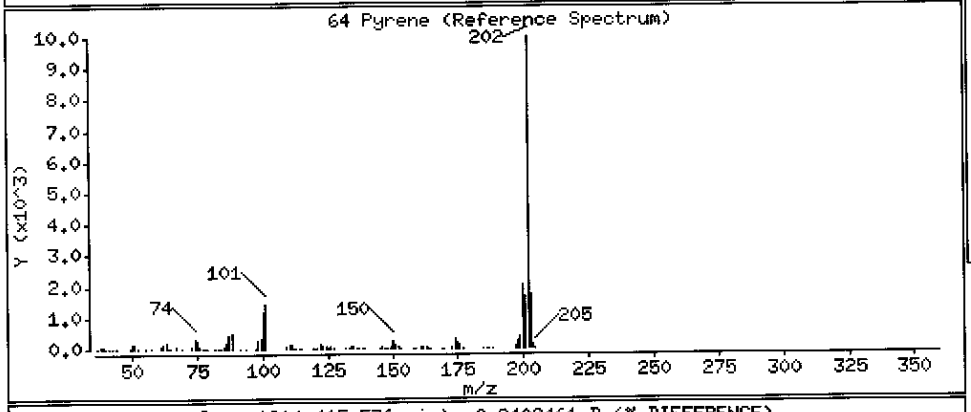
Concentration: 5600 ug/Kg

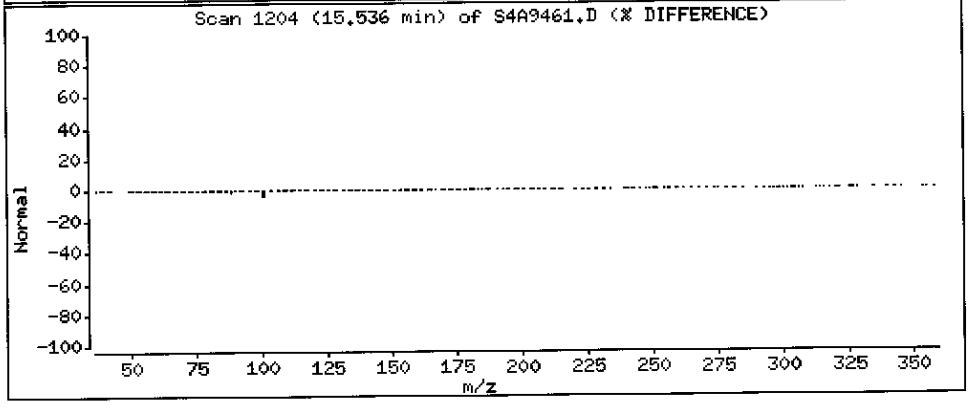












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0

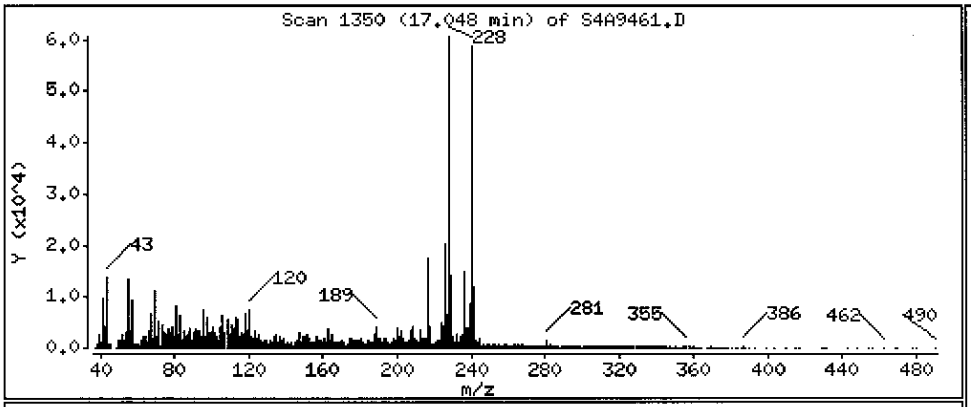
Operator: AW SRC: LIMS

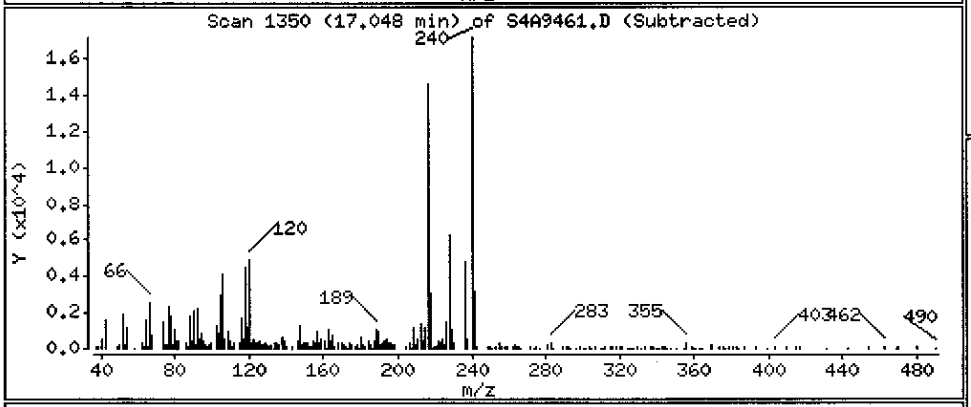
Column phase: DB-5MS

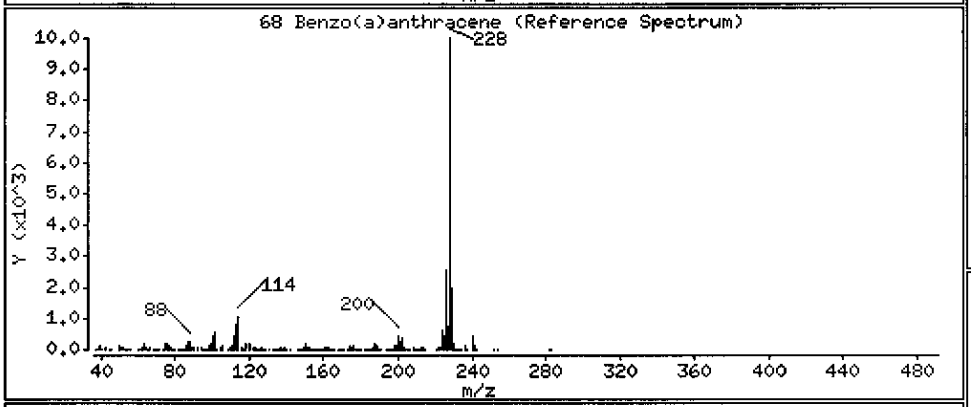
Column diameter: 0.25

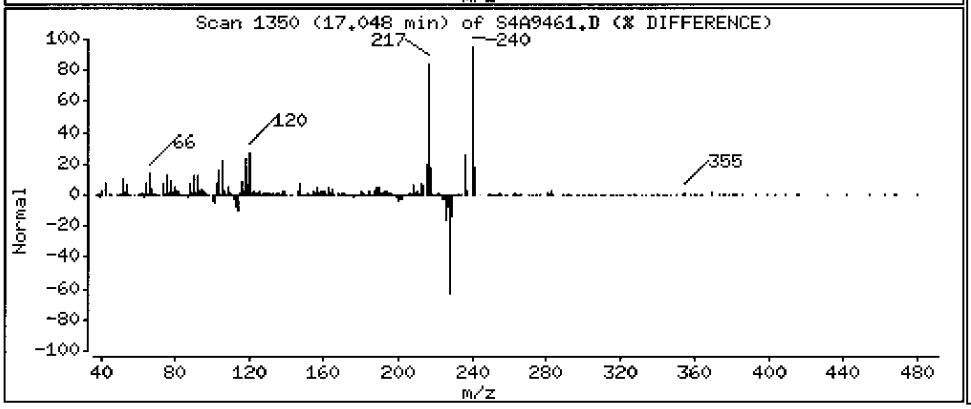
68 Benzo(a)anthracene

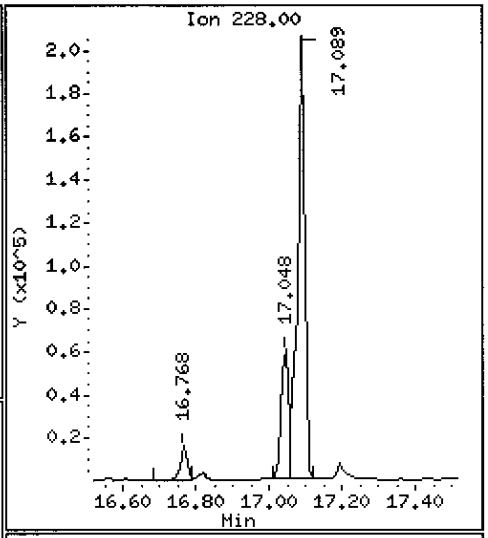
Concentration: 1400 ug/Kg

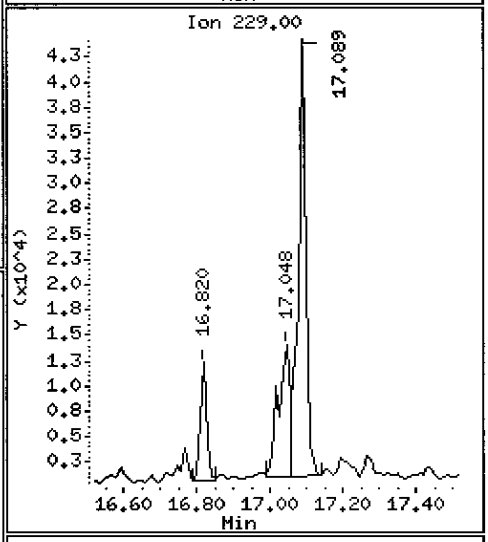


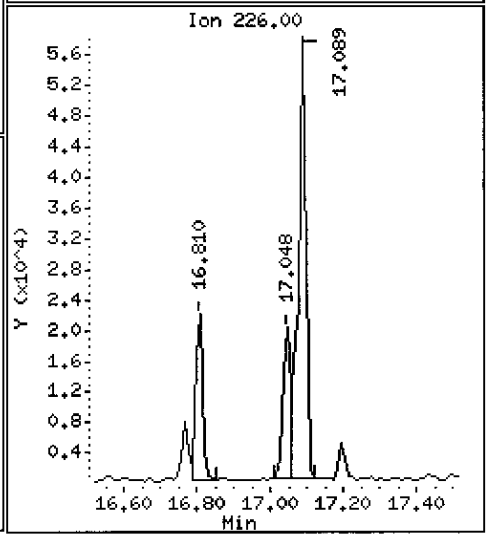












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0

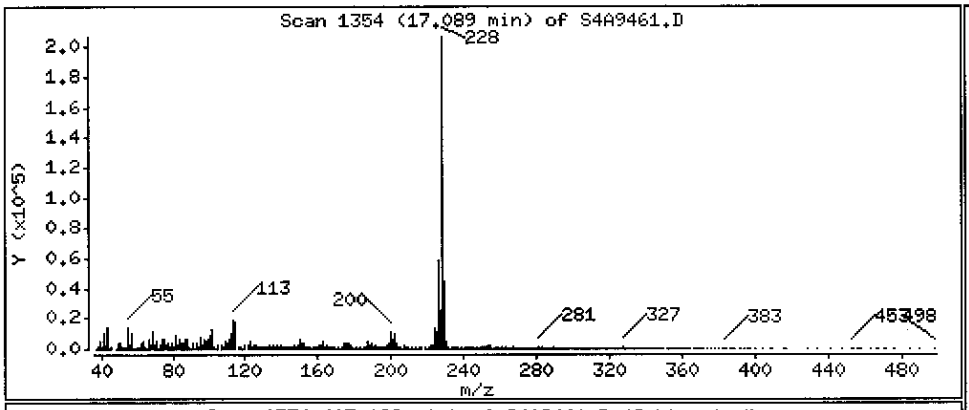
Operator: AW SRC: LIMS

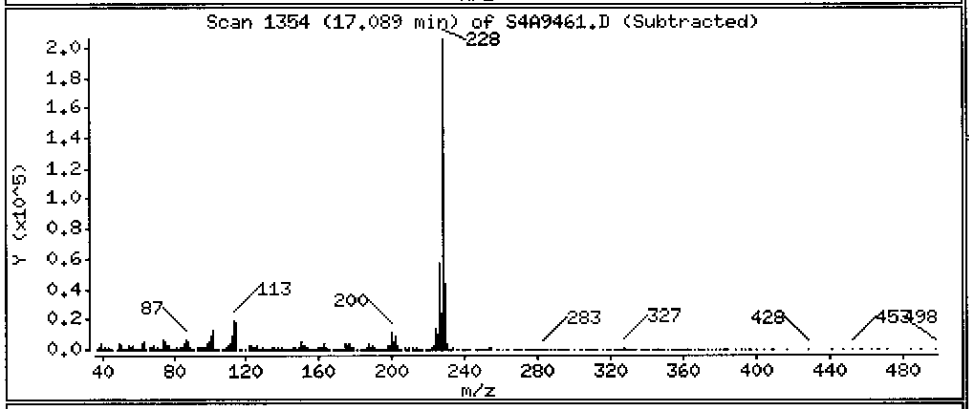
Column phase: DB-5MS

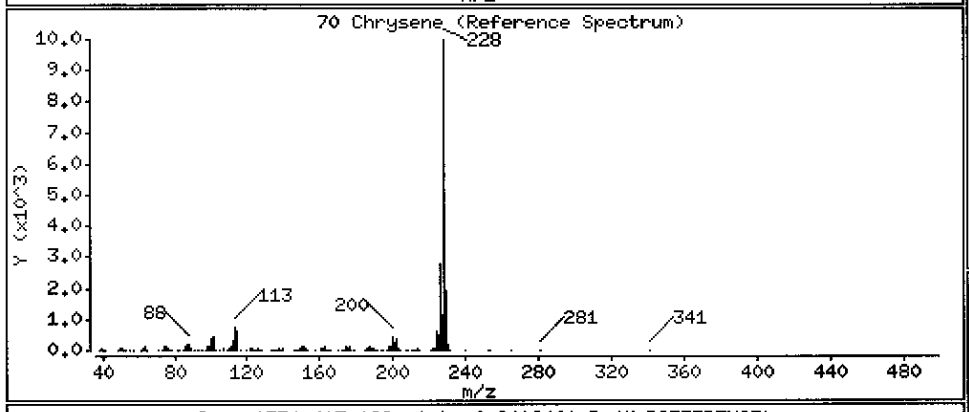
Column diameter: 0.25

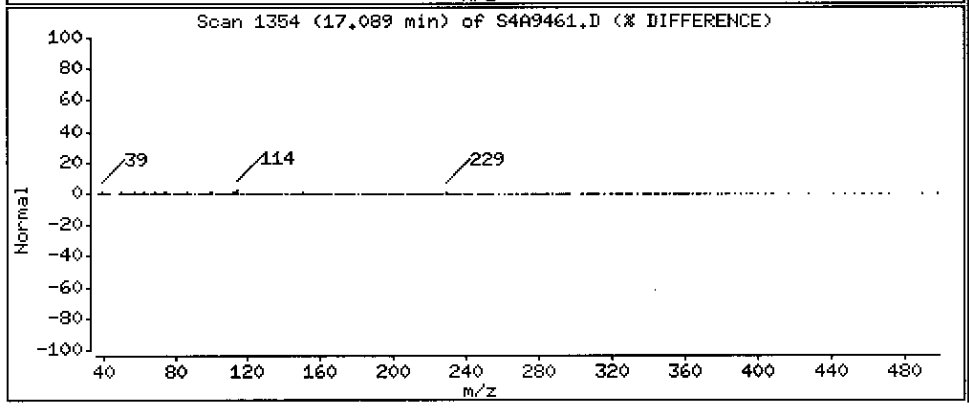
70 Chrysene

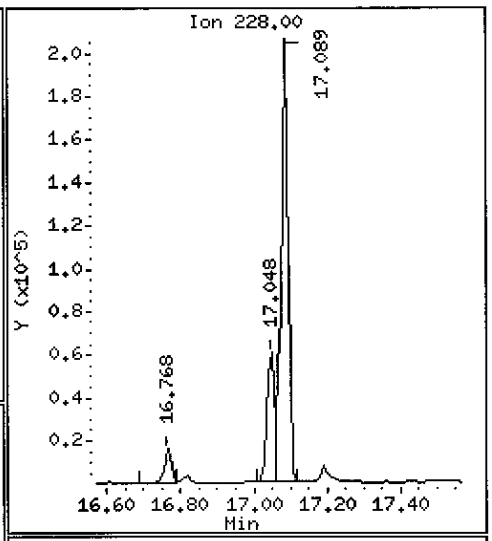
Concentration: 4900 ug/Kg

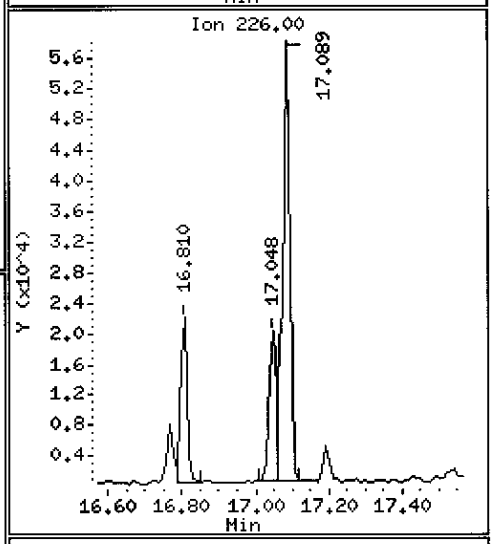


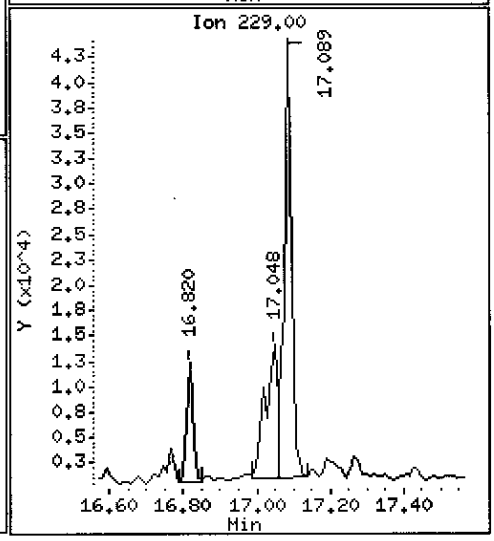












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0

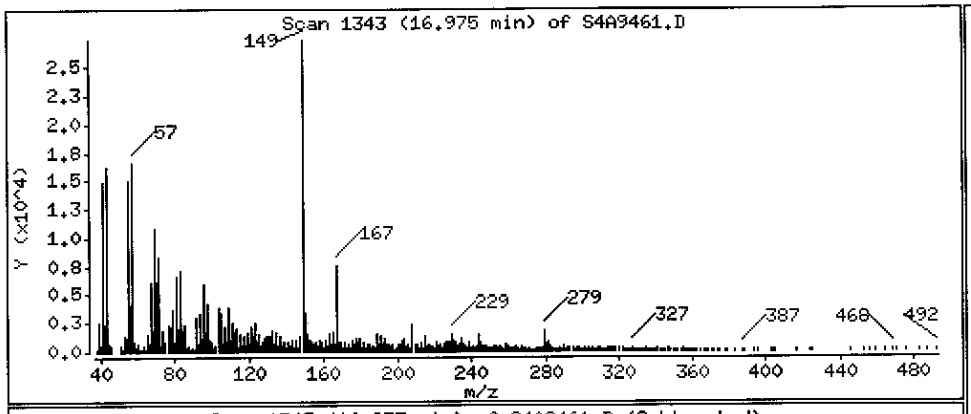
Operator: AW SRC: LIMS

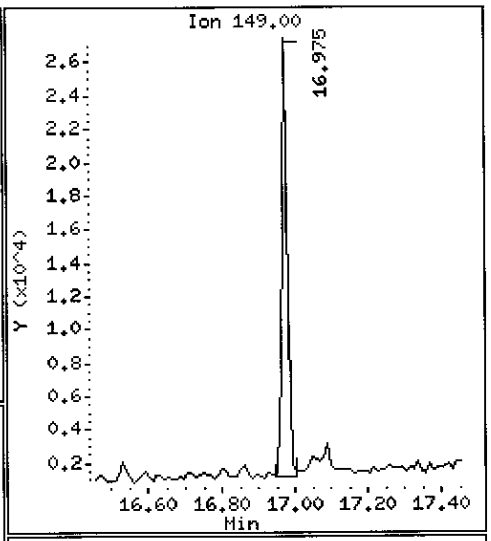
Column phase: DB-5MS

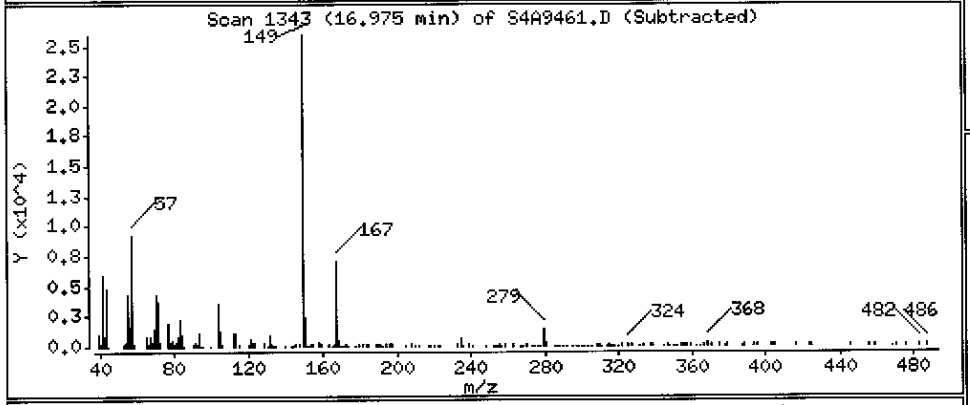
Column diameter: 0.25

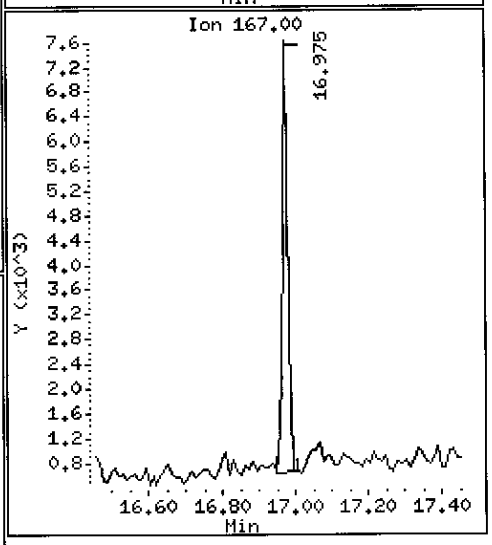
71 bis(2-Ethylhexyl)phthalate

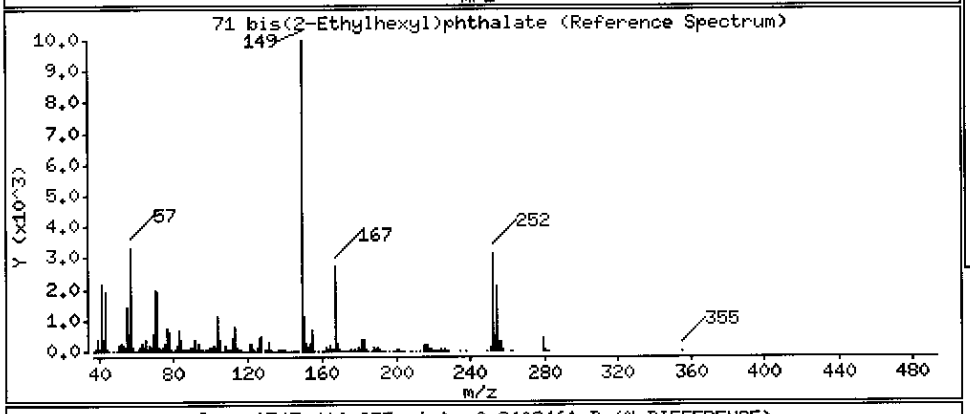
Concentration: 520 ug/Kg

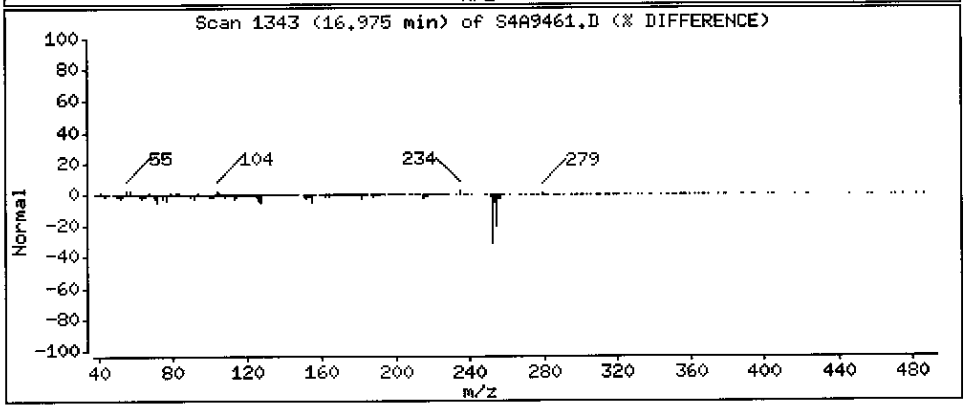












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0

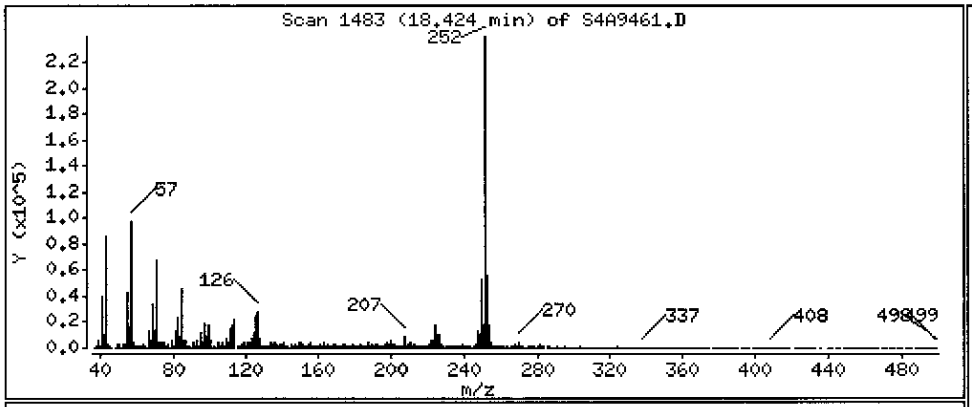
Operator: AW SRC: LIMS

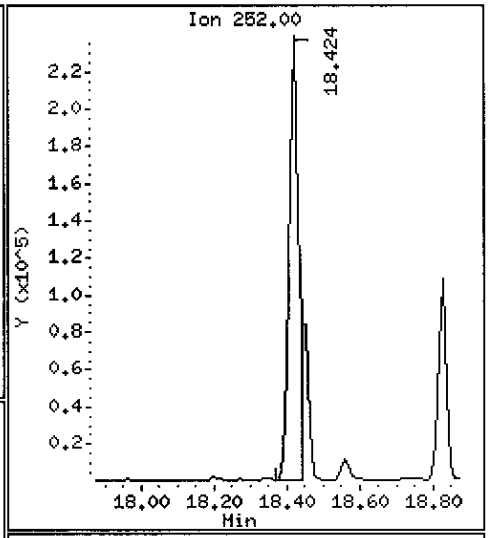
Column phase: DB-5MS

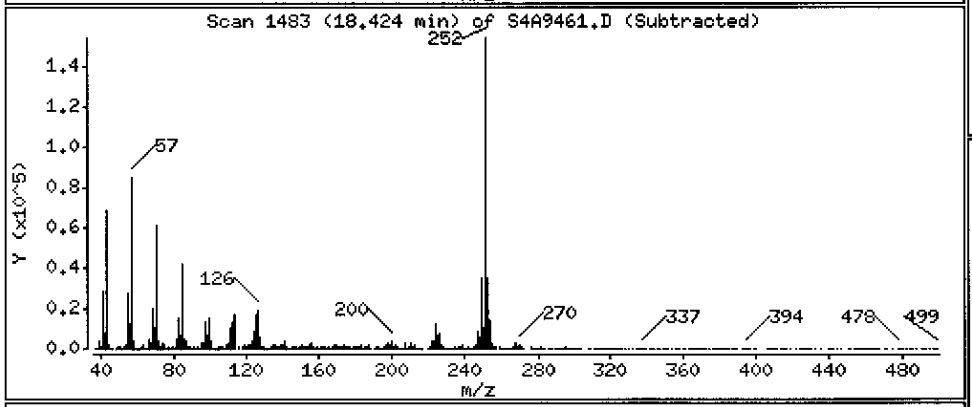
Column diameter: 0.25

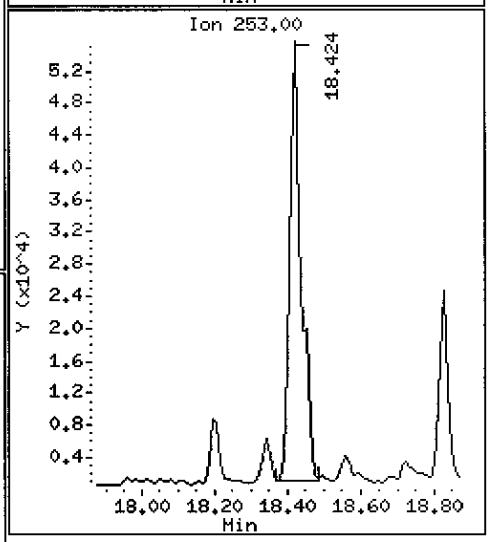
73 Benzo(b)fluoranthene

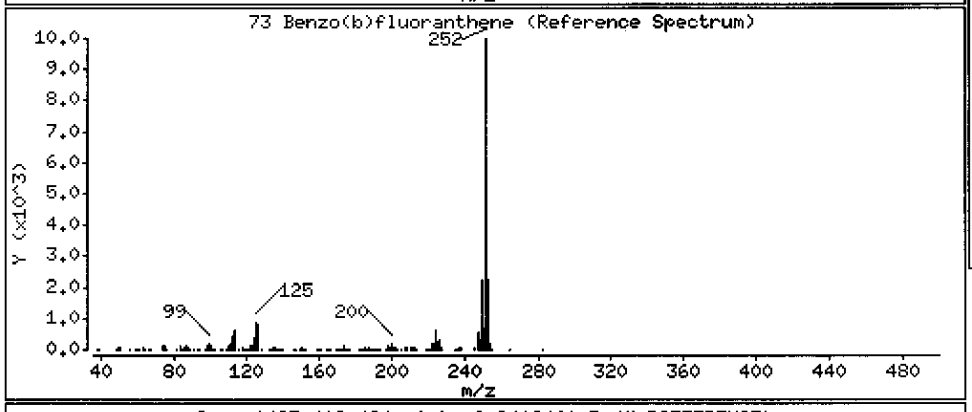
Concentration: 7700 ug/Kg

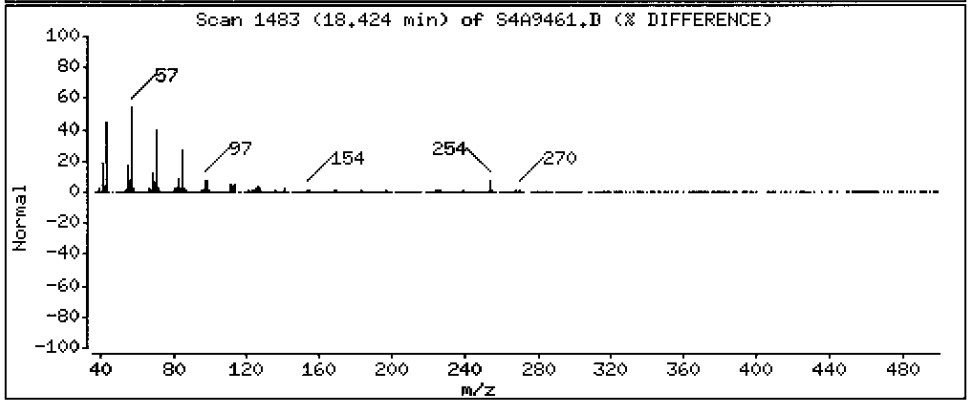












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0

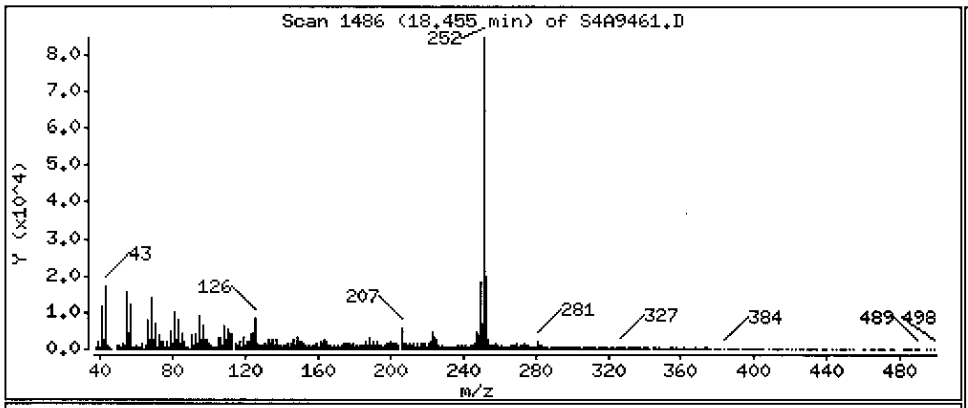
Operator: AW SRC: LIMS

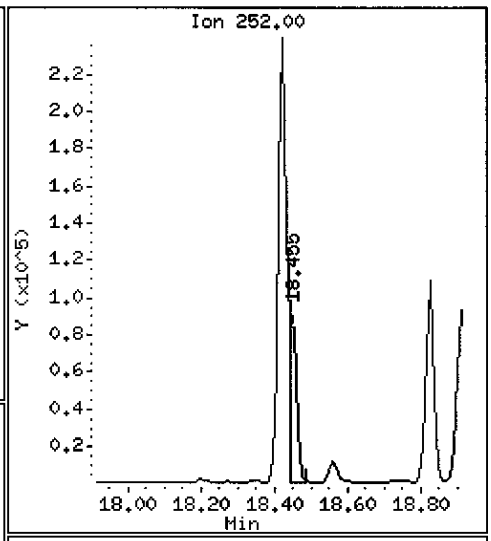
Column phase: DB-5MS

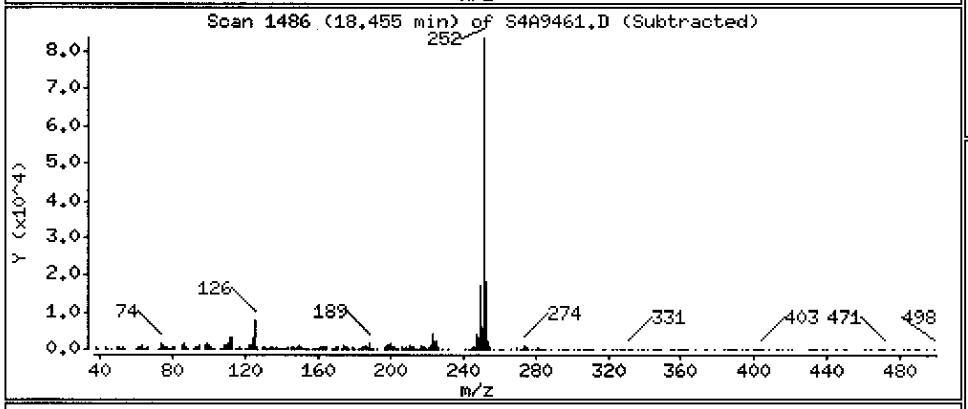
Column diameter: 0.25

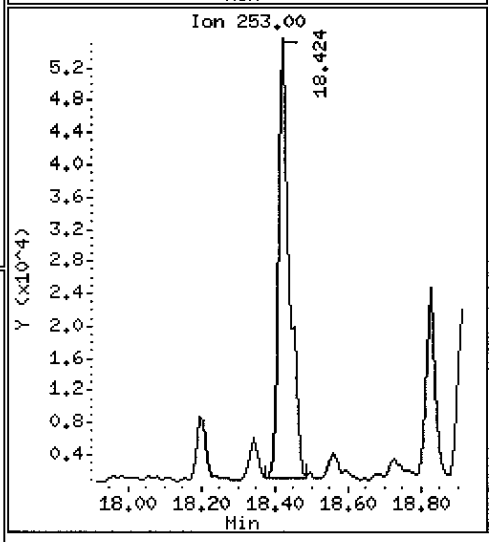
74 Benzo(k)fluoranthene

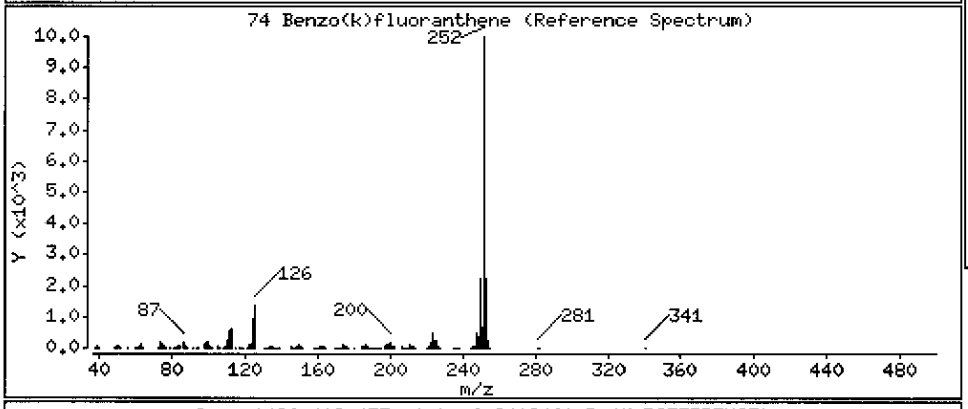
Concentration: 2100 ug/Kg

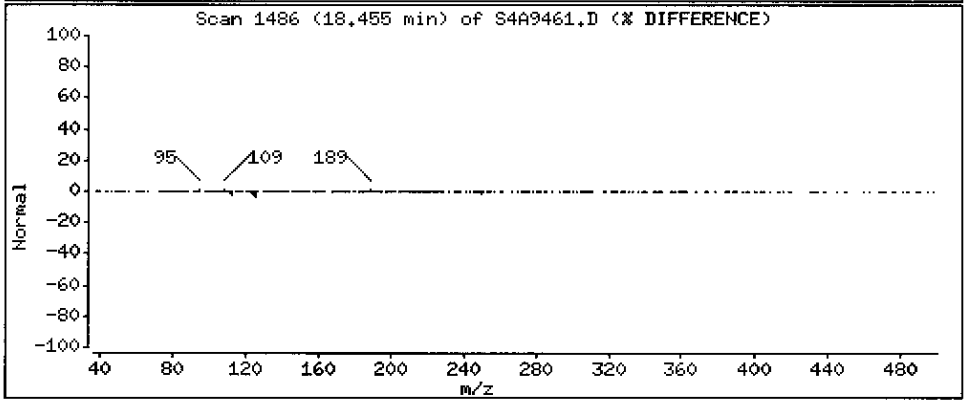












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0

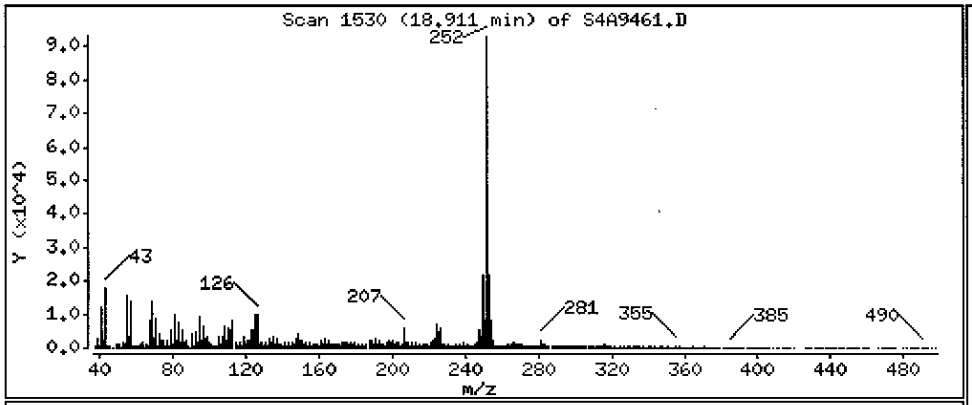
Operator: AW SRC: LIMS

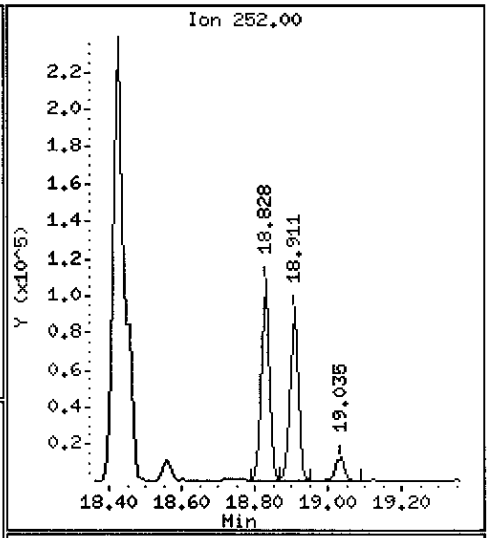
Column phase: DB-5MS

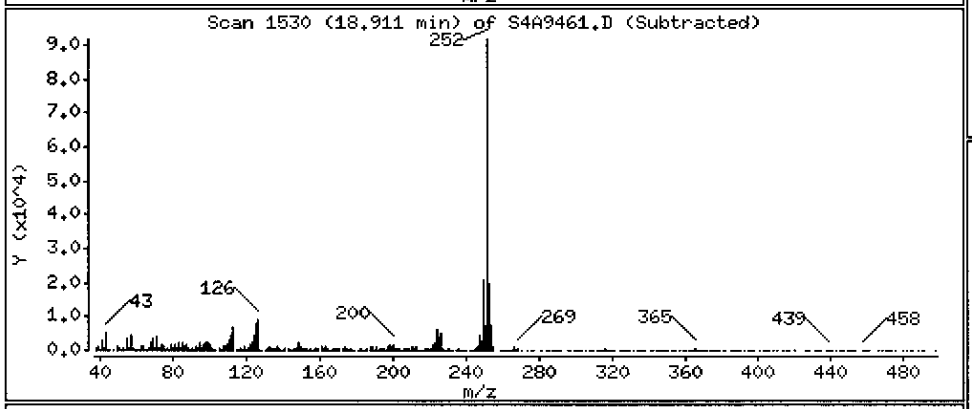
Column diameter: 0.25

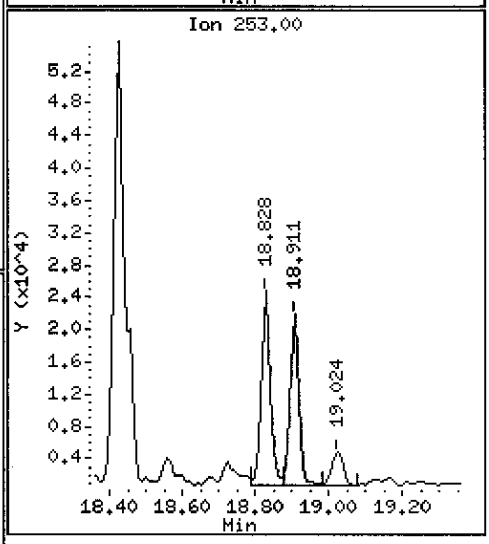
75 Benzo(a)pyrene

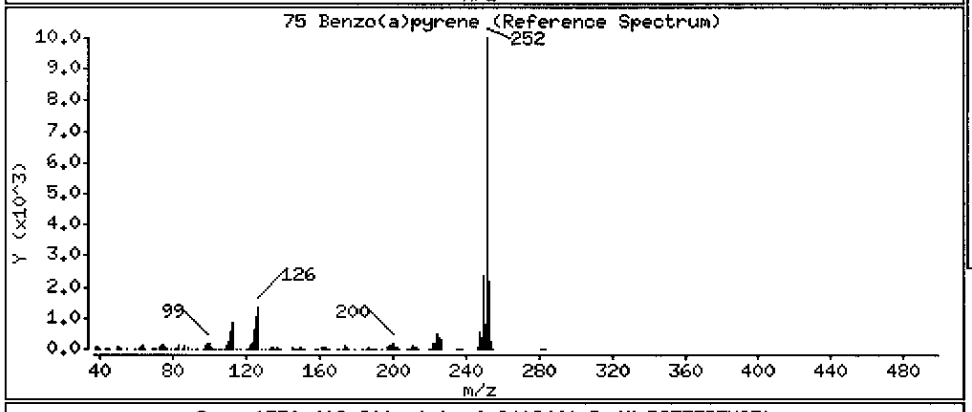
Concentration: 3100 ug/Kg

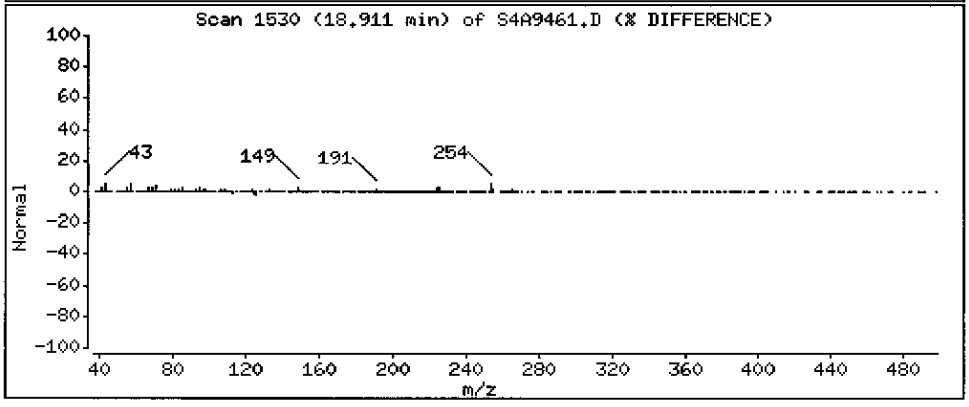












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0

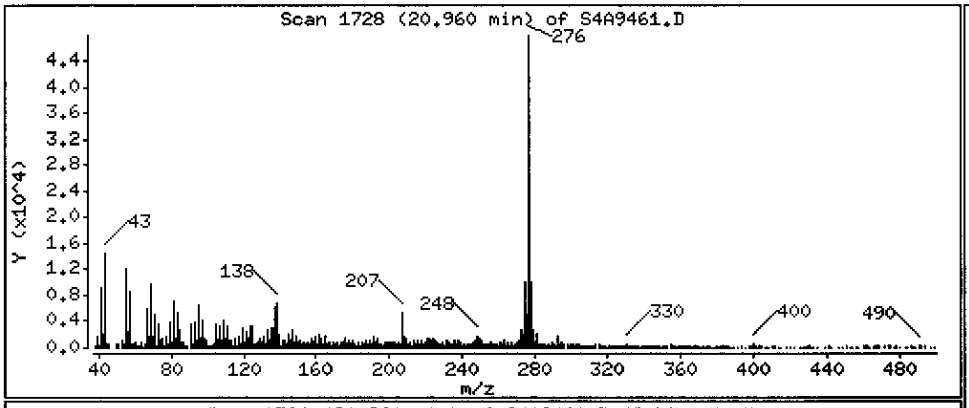
Operator: AW SRC: LIMS

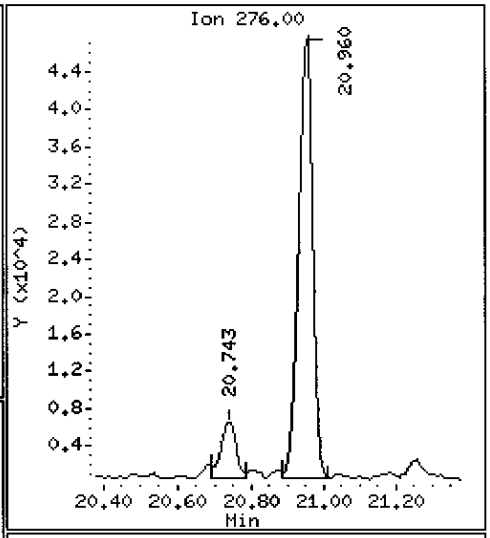
Column phase: DB-5MS

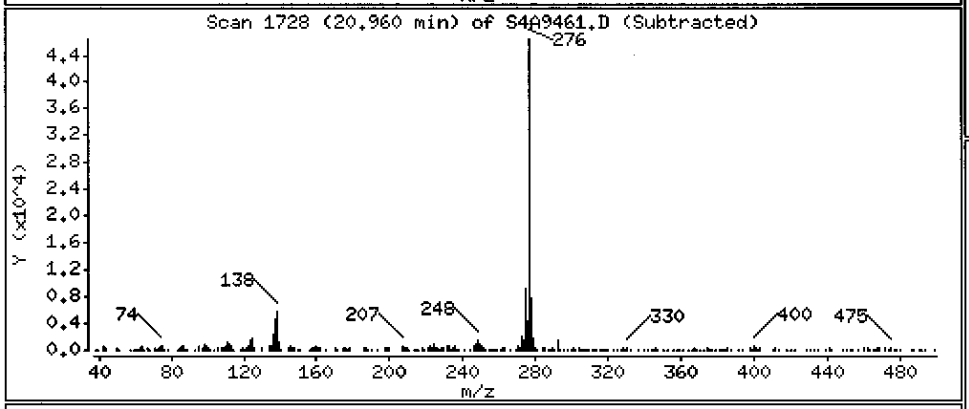
Column diameter: 0.25

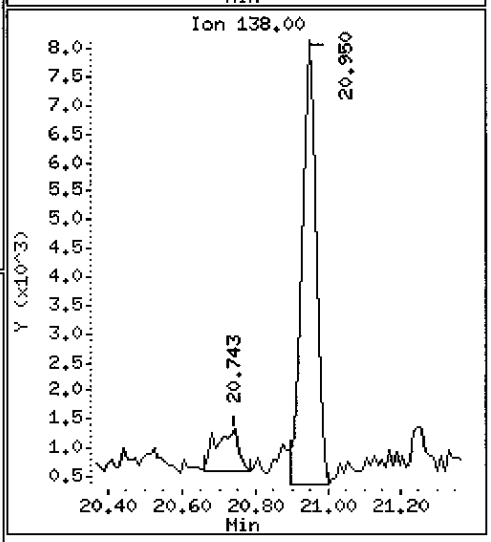
77 Indeno(1,2,3-cd)pyrene

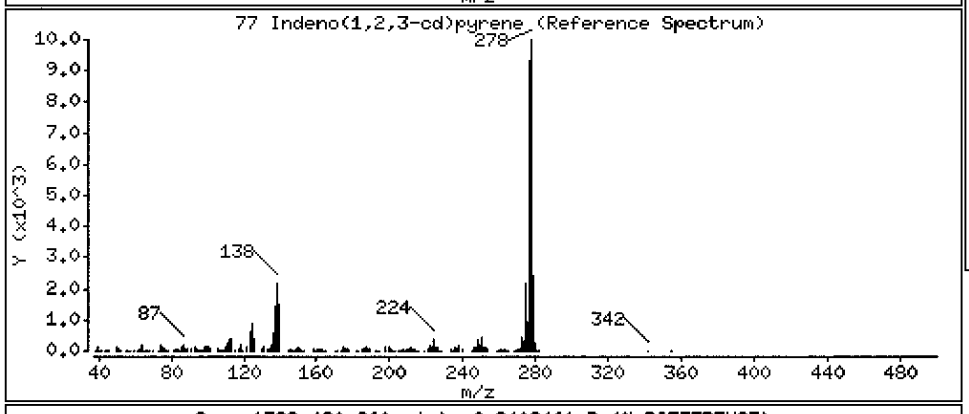
Concentration: 2300 ug/Kg

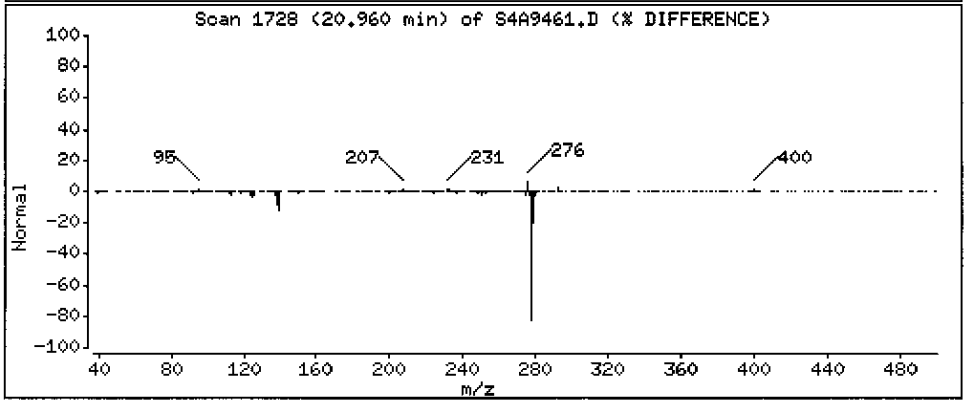












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0

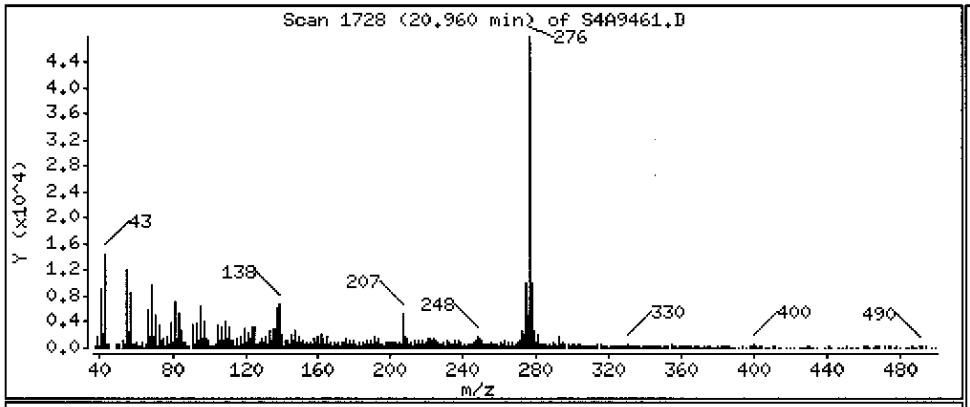
Operator: AW SRC: LIMS

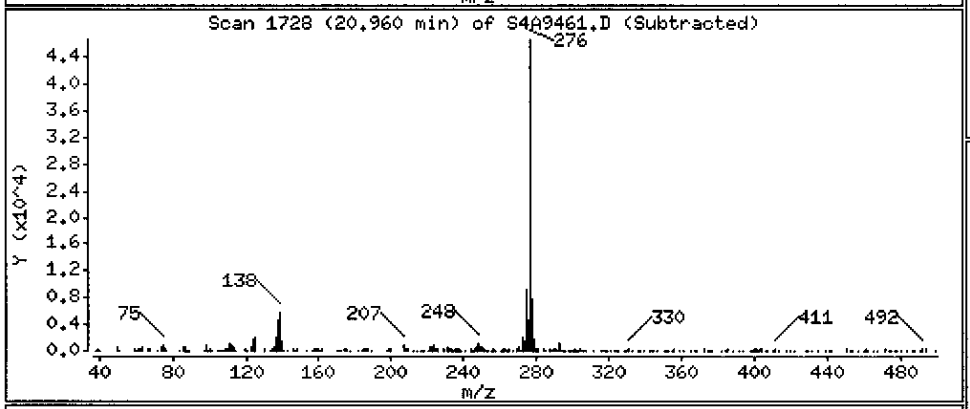
Column phase: DB-5MS

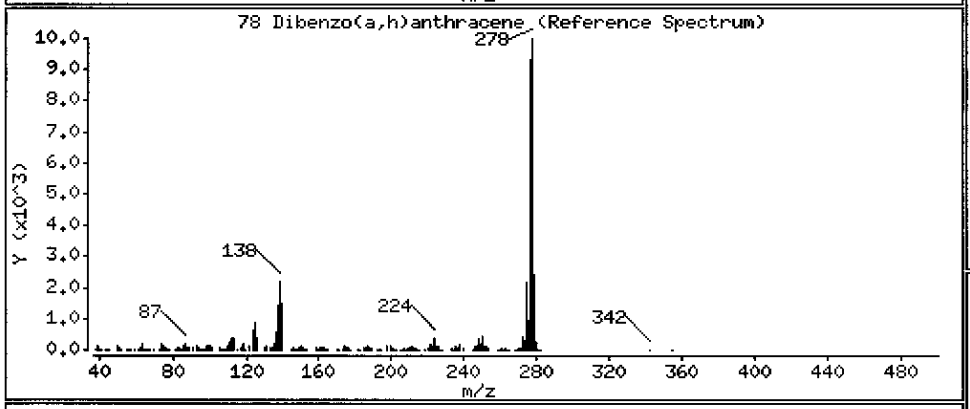
Column diameter: 0.25

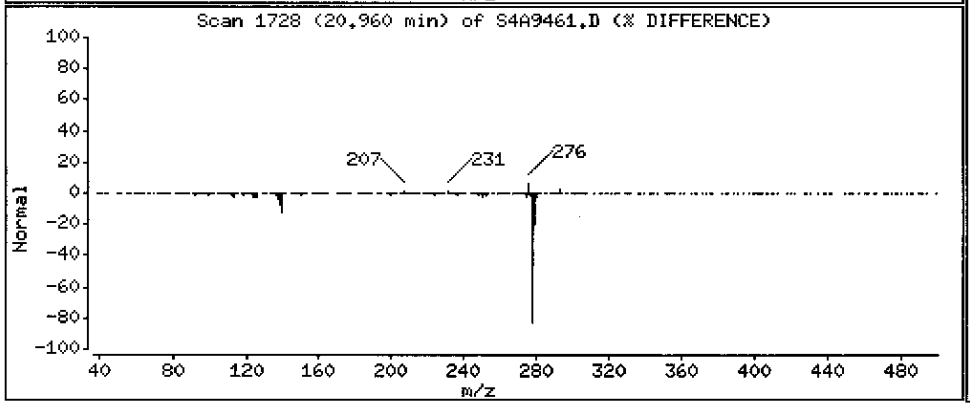
78 Dibenzo(a,h)anthracene

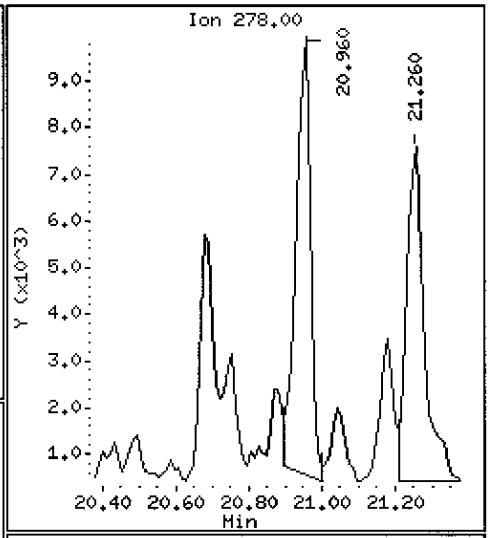
Concentration: 560 ug/Kg

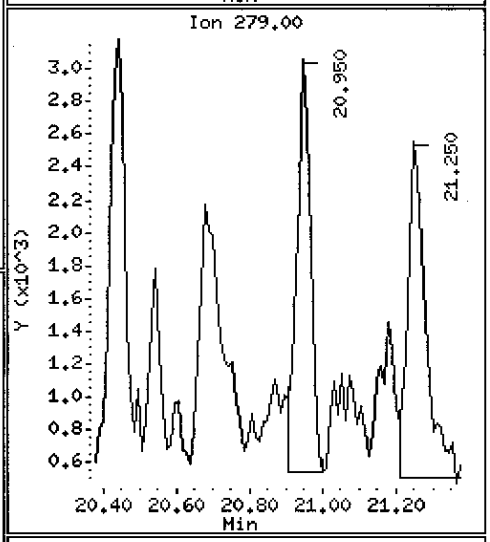


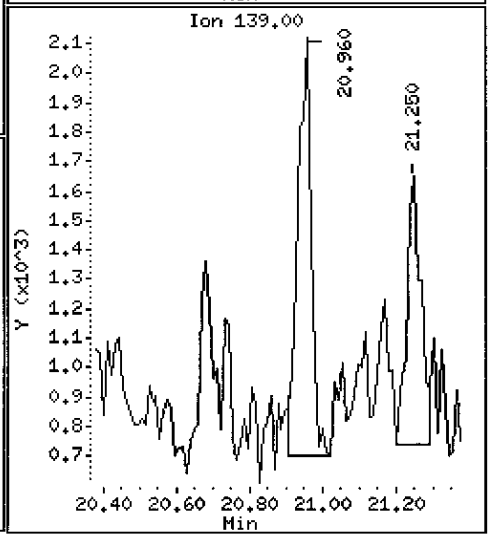












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0

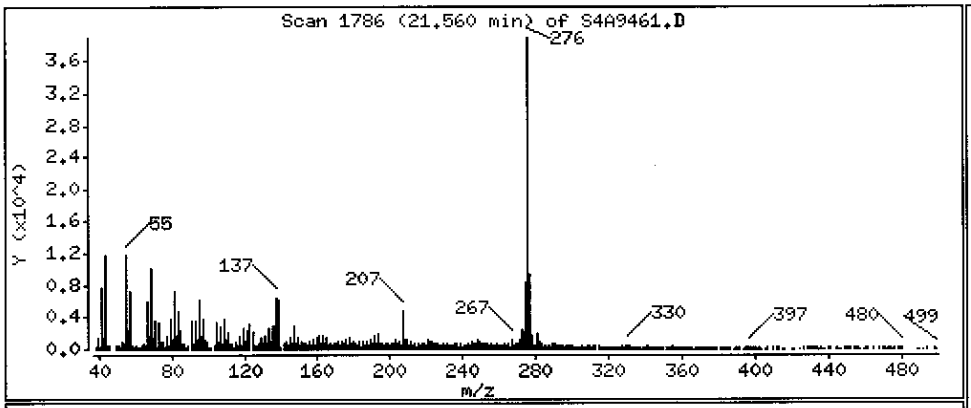
Operator: AW SRC: LIMS

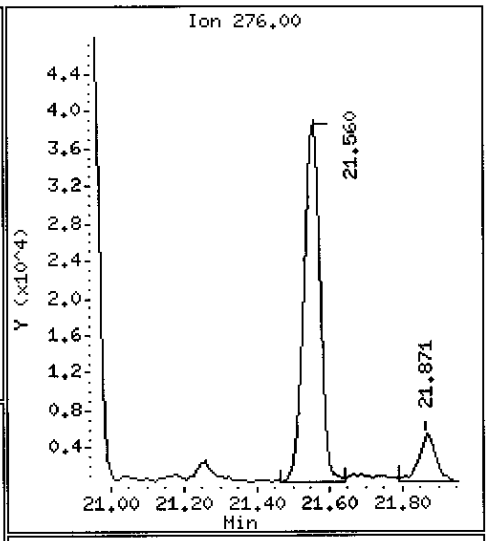
Column phase: DB-5MS

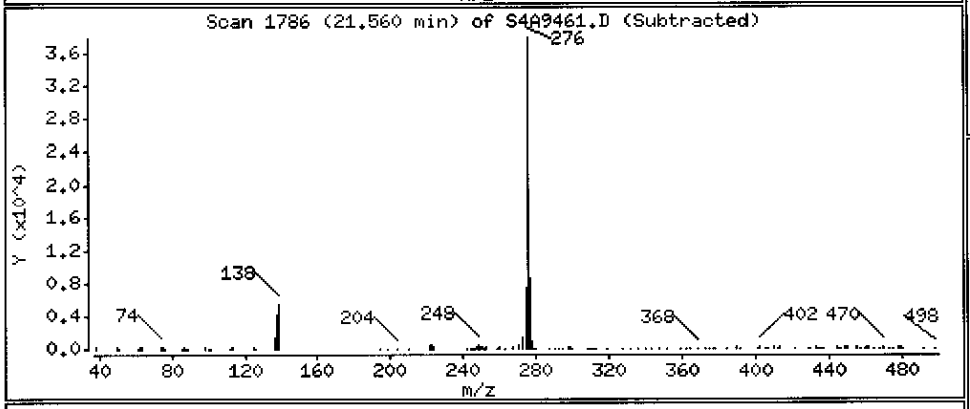
Column diameter: 0.25

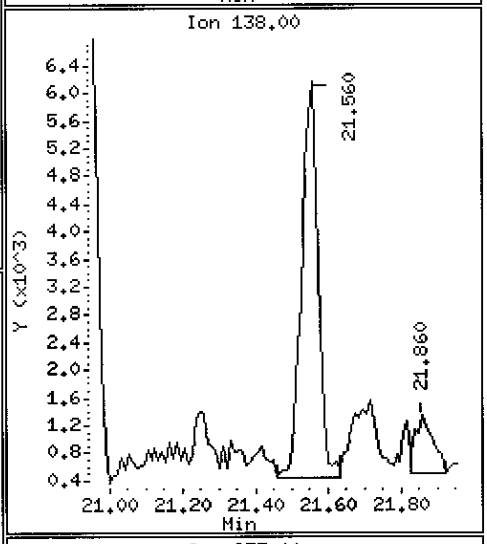
79 Benzo(g,h,i)perylene

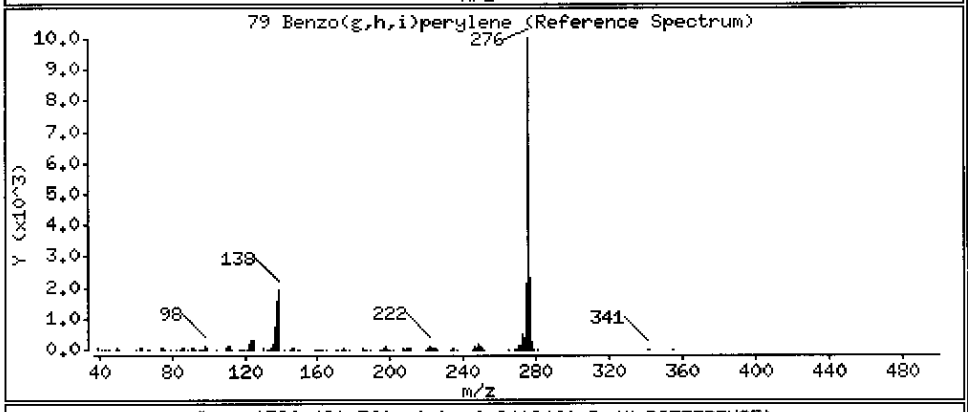
Concentration: 2900 ug/Kg

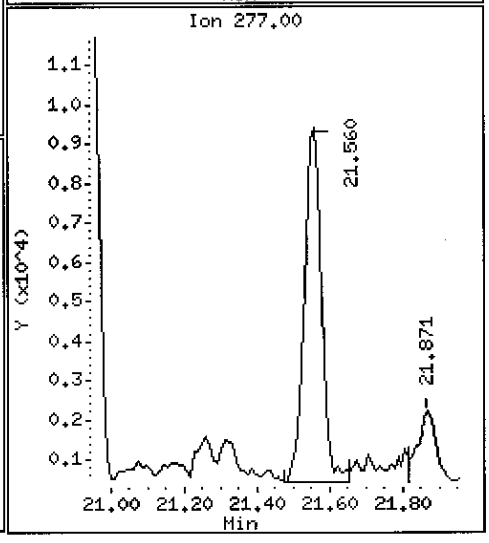


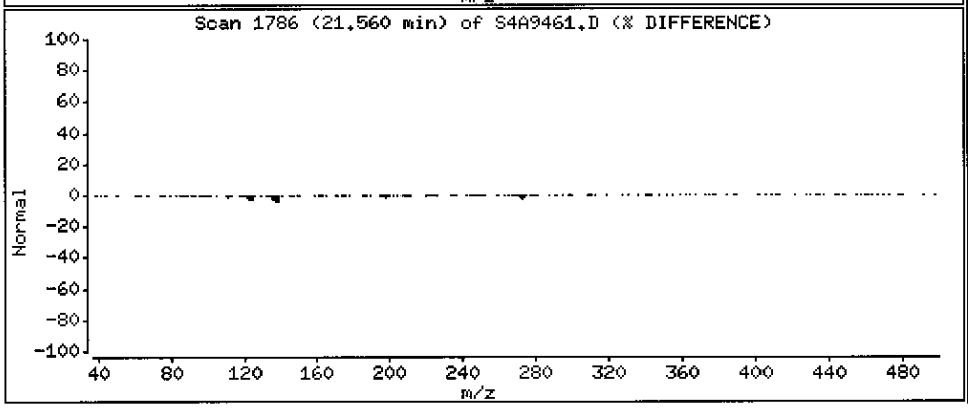












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

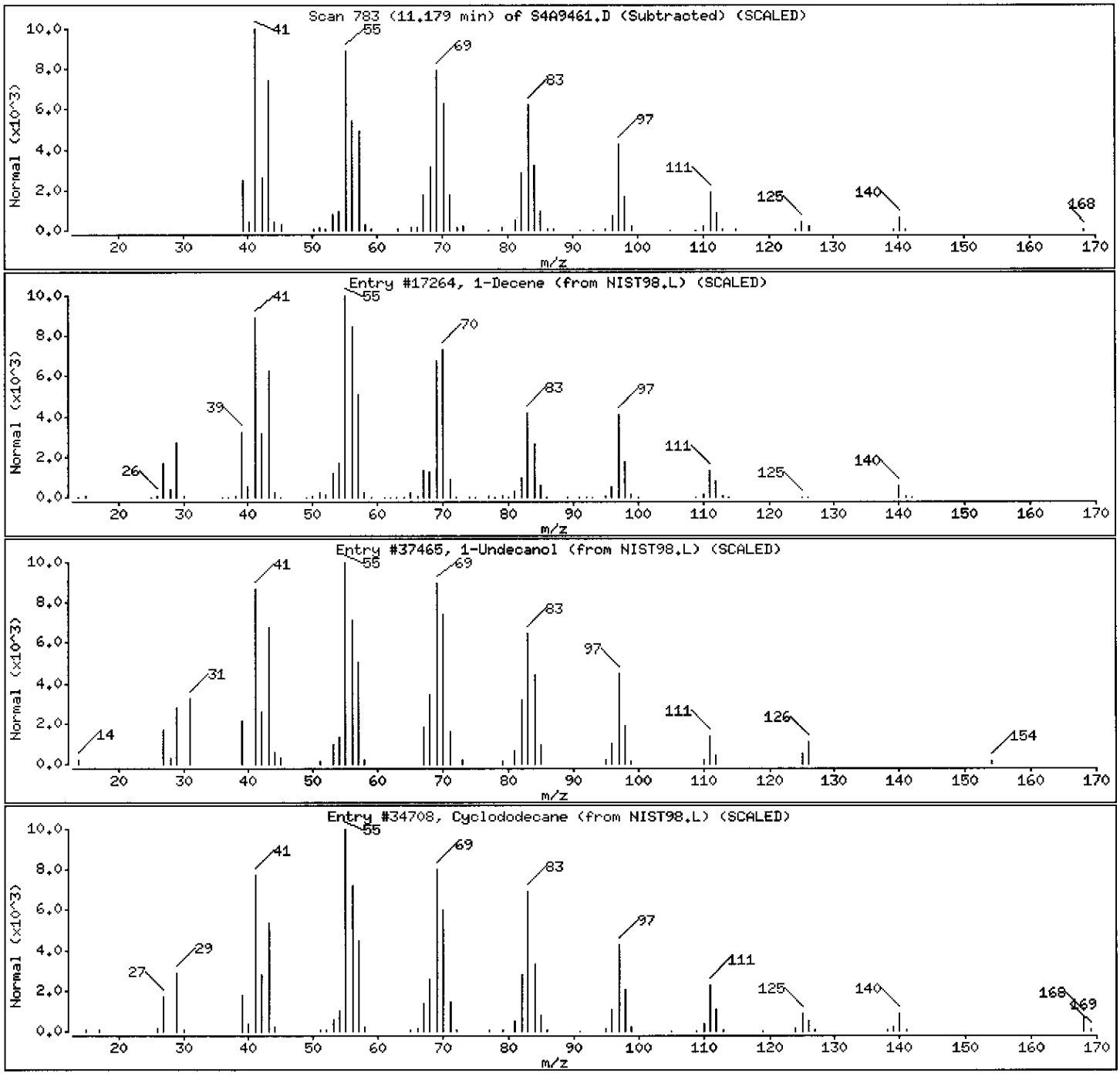
Client ID: SD02-S-D Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Decene	872-05-9	NIST98.L	17264	93	C10H20	140
1-Undecanol	112-42-5	NIST98.L	37465	91	C11H24O	172
Cyclododecane	294-62-2	NIST98.L	34708	91	C12H24	168



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

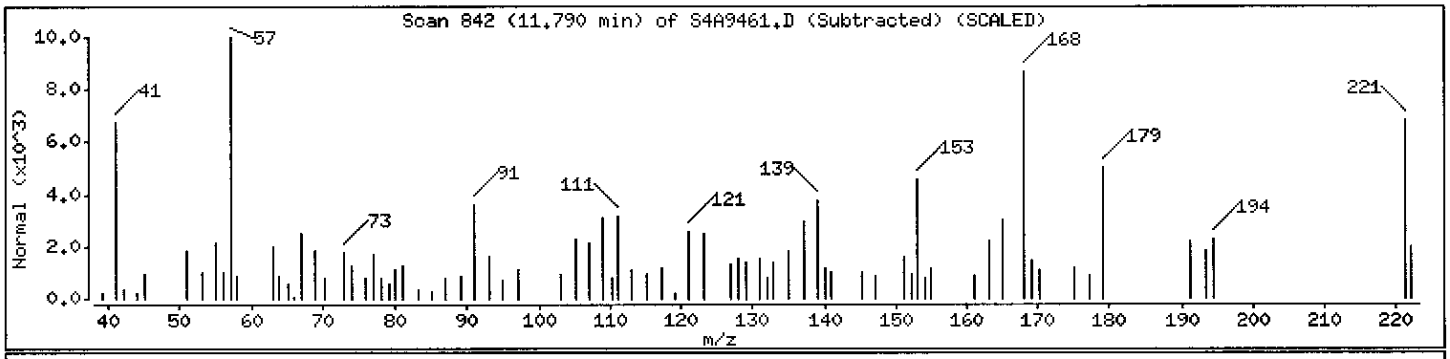
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

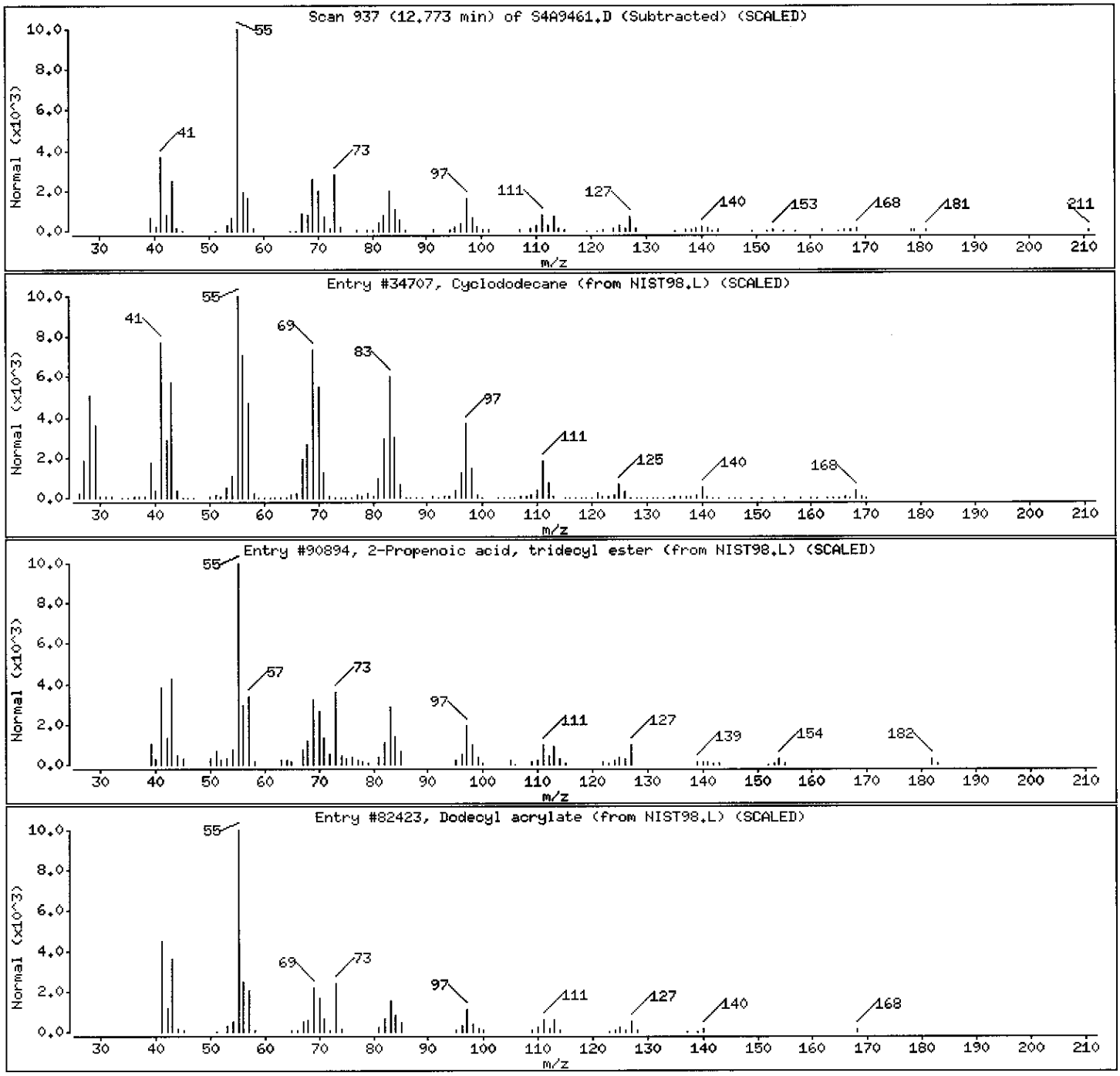
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34707	92	C12H24	168
2-Propenoic acid, tridecyl ester	3076-04-8	NIST98.L	90894	90	C16H30O2	254
Dodecyl acrylate	2156-97-0	NIST98.L	82423	83	C15H28O2	240



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Date : 25-AUG-2005 15:37

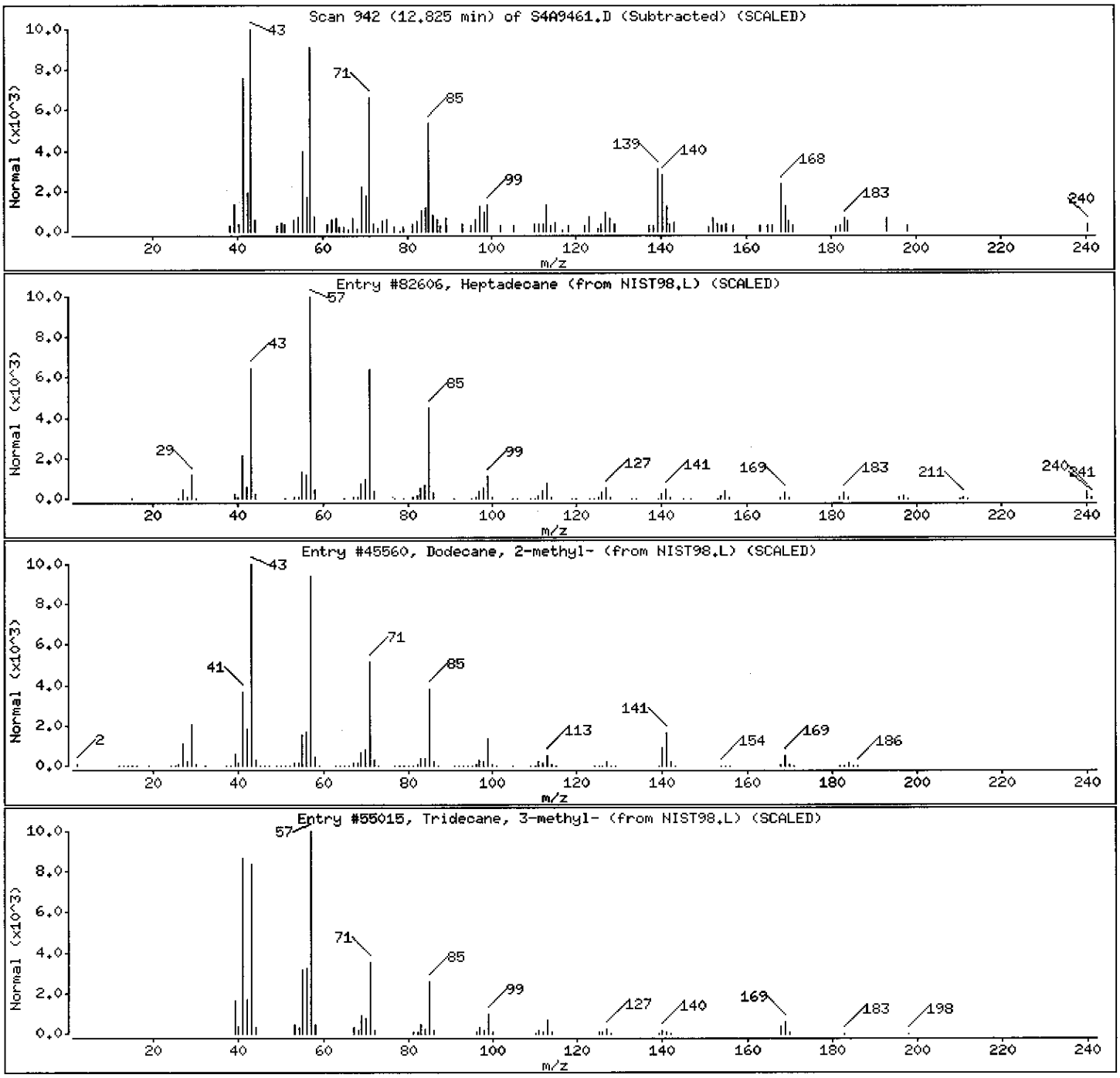
Client ID: SD02-S-D Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Heptadecane	629-78-7	NIST98.L	82606	86	C17H36	240
Dodecane, 2-methyl-	1560-97-0	NIST98.L	45560	60	C13H28	184
Tridecane, 3-methyl-	6418-41-3	NIST98.L	55015	53	C14H30	198



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

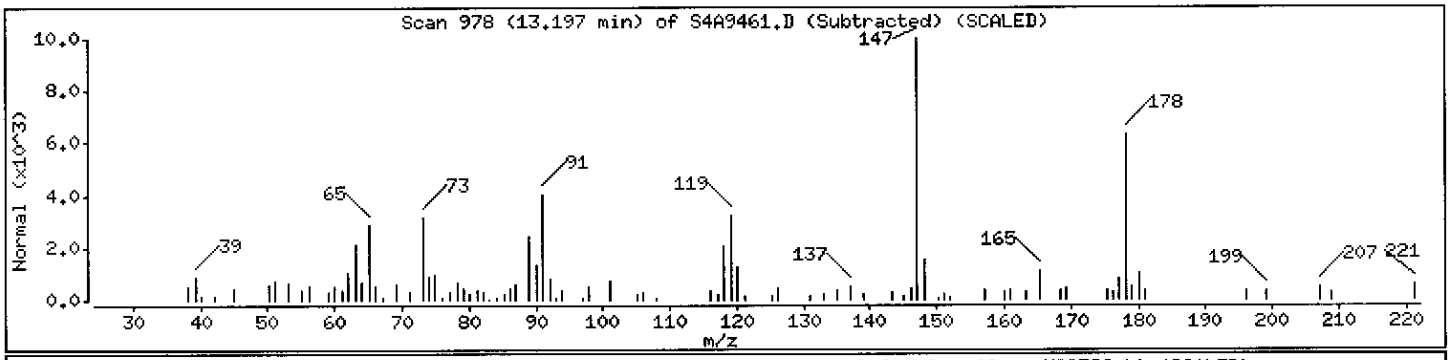
Volume Injected (uL): 2.0

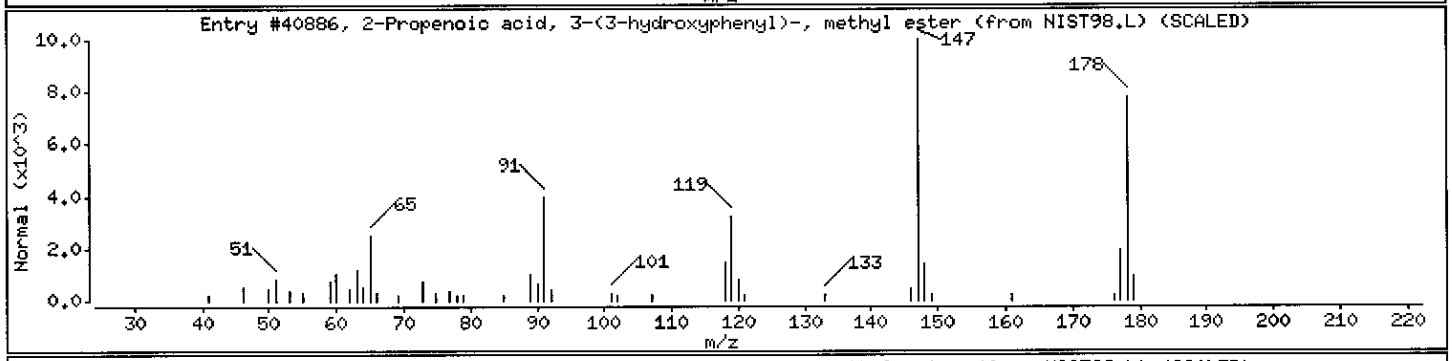
Operator: AW SRC: LIMS

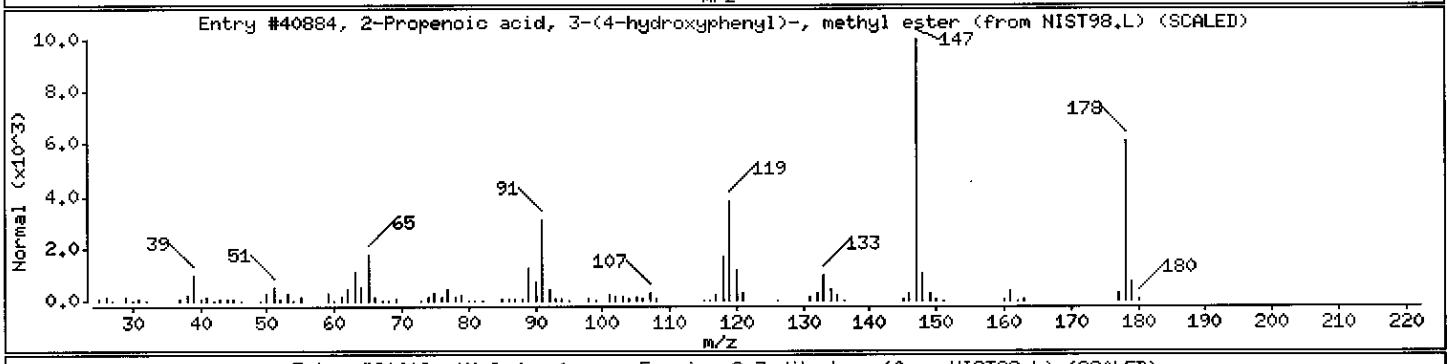
Column phase: DB-5MS

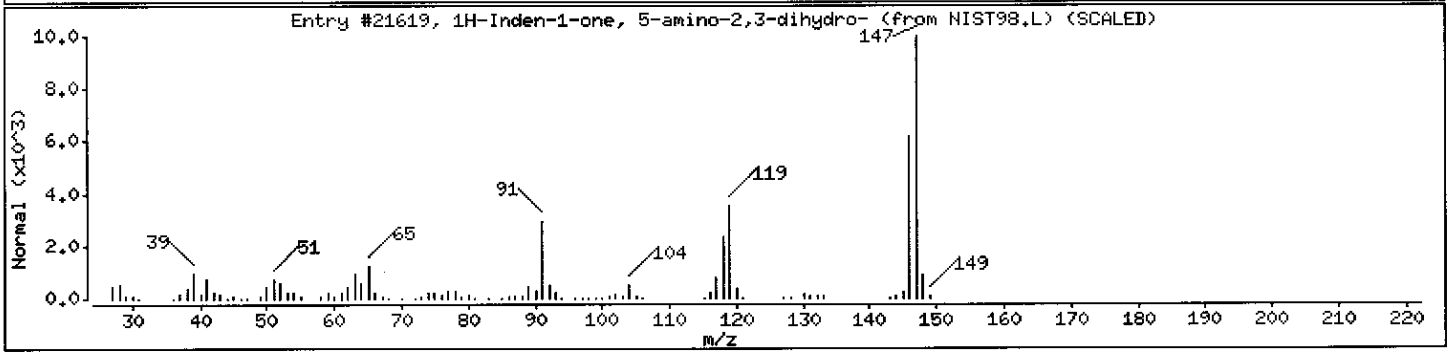
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Propenoic acid, 3-(3-hydroxyphenyl)-,	3943-95-1	NIST98.L	40886	58	C10H1003	178
2-Propenoic acid, 3-(4-hydroxyphenyl)-,	3943-97-3	NIST98.L	40884	53	C10H1003	178
1H-Inden-1-one, 5-amino-2,3-dihydro-	3470-54-0	NIST98.L	21619	49	C9H9NO	147









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Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

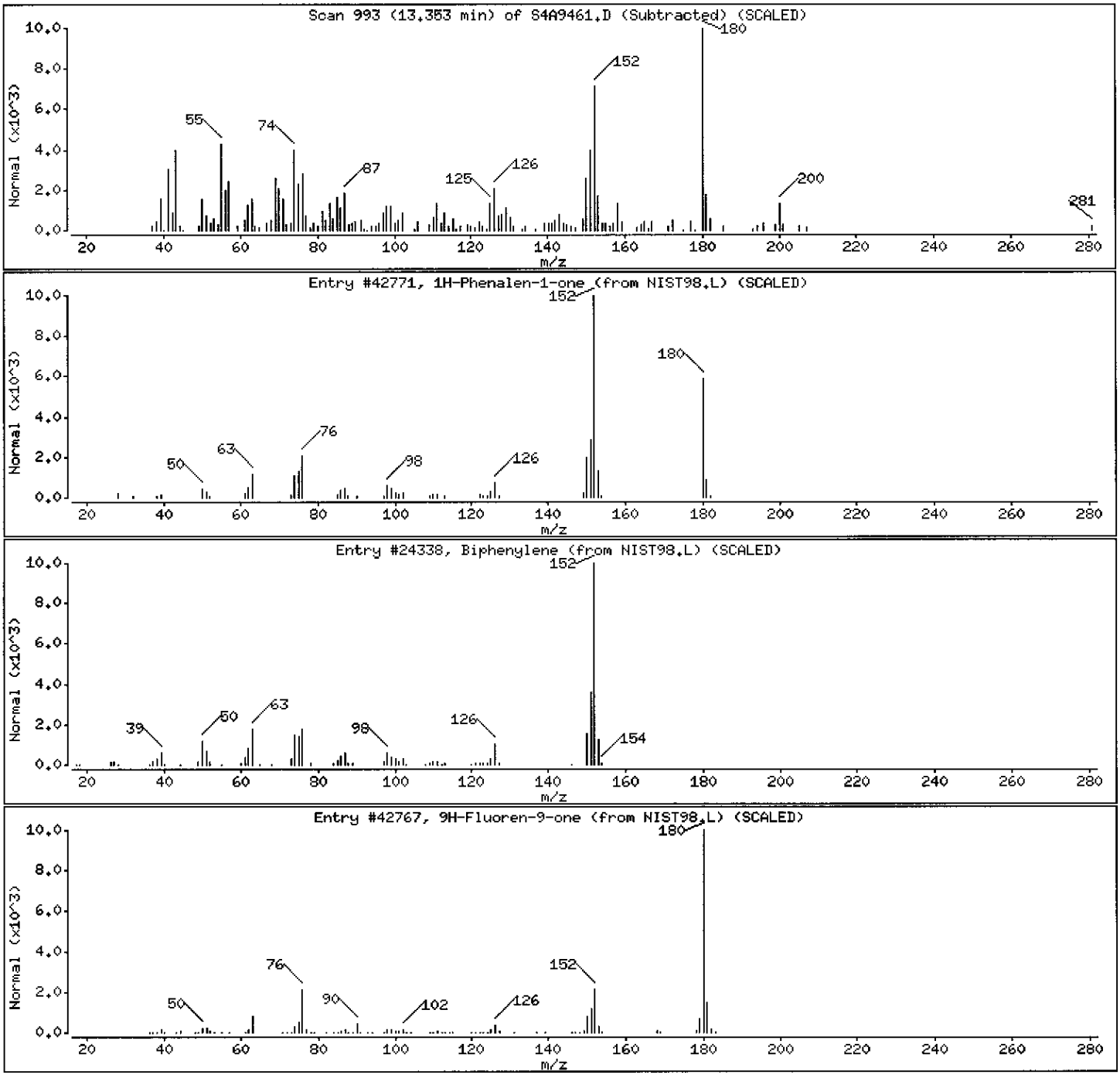
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1H-Phenalen-1-one	548-39-0	NIST98.L	42771	86	C13H8O	180
Biphenylene	259-79-0	NIST98.L	24338	83	C12H8	152
9H-Fluoren-9-one	486-25-9	NIST98.L	42767	70	C13H8O	180



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Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

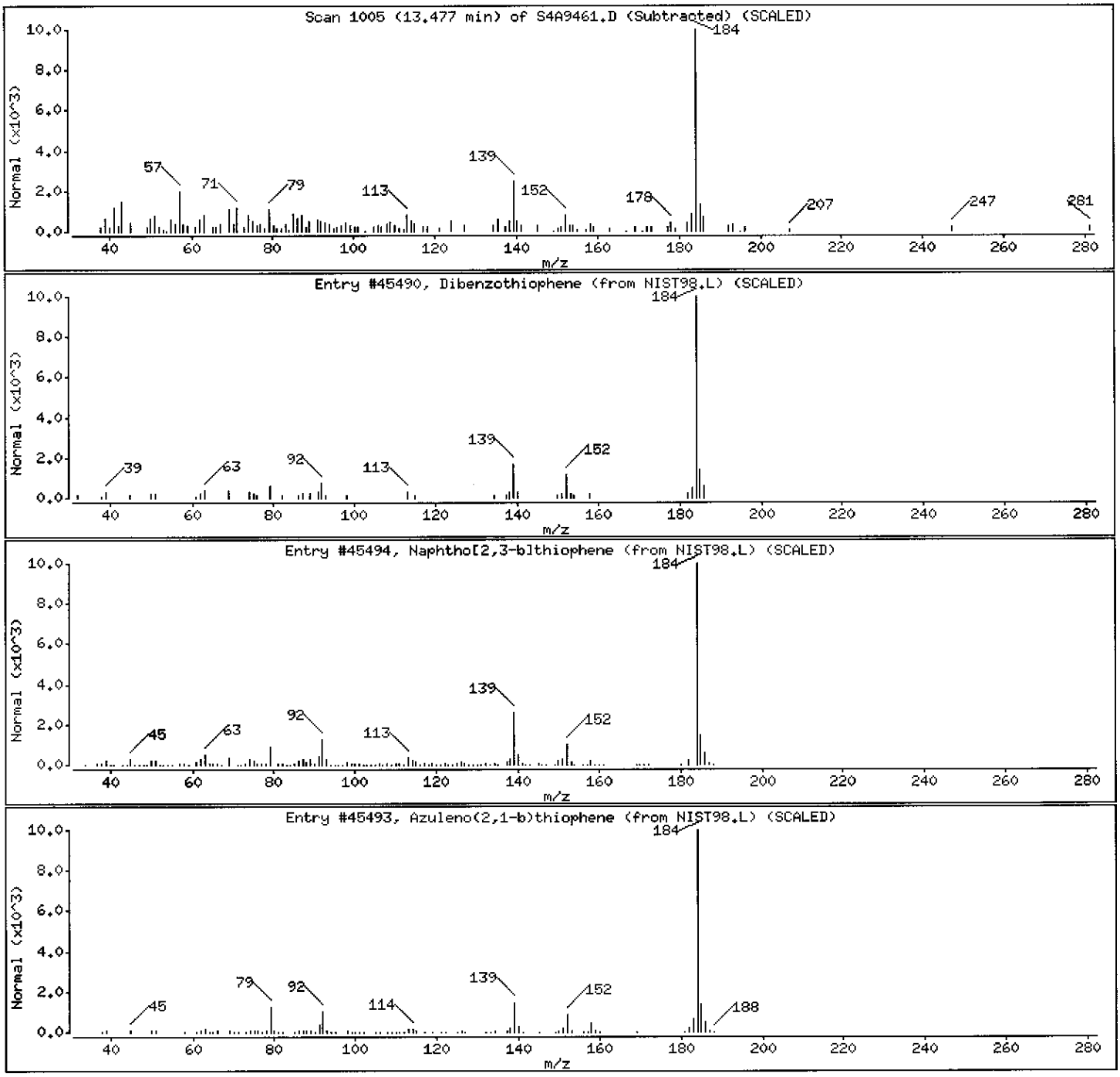
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dibenzothiophene	132-65-0	NIST98.L	45490	87	C12H8S	184
Naphtho[2,3-b]thiophene	268-77-9	NIST98.L	45494	87	C12H8S	184
Azuleno(2,1-b)thiophene	248-13-5	NIST98.L	45493	74	C12H8S	184



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Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

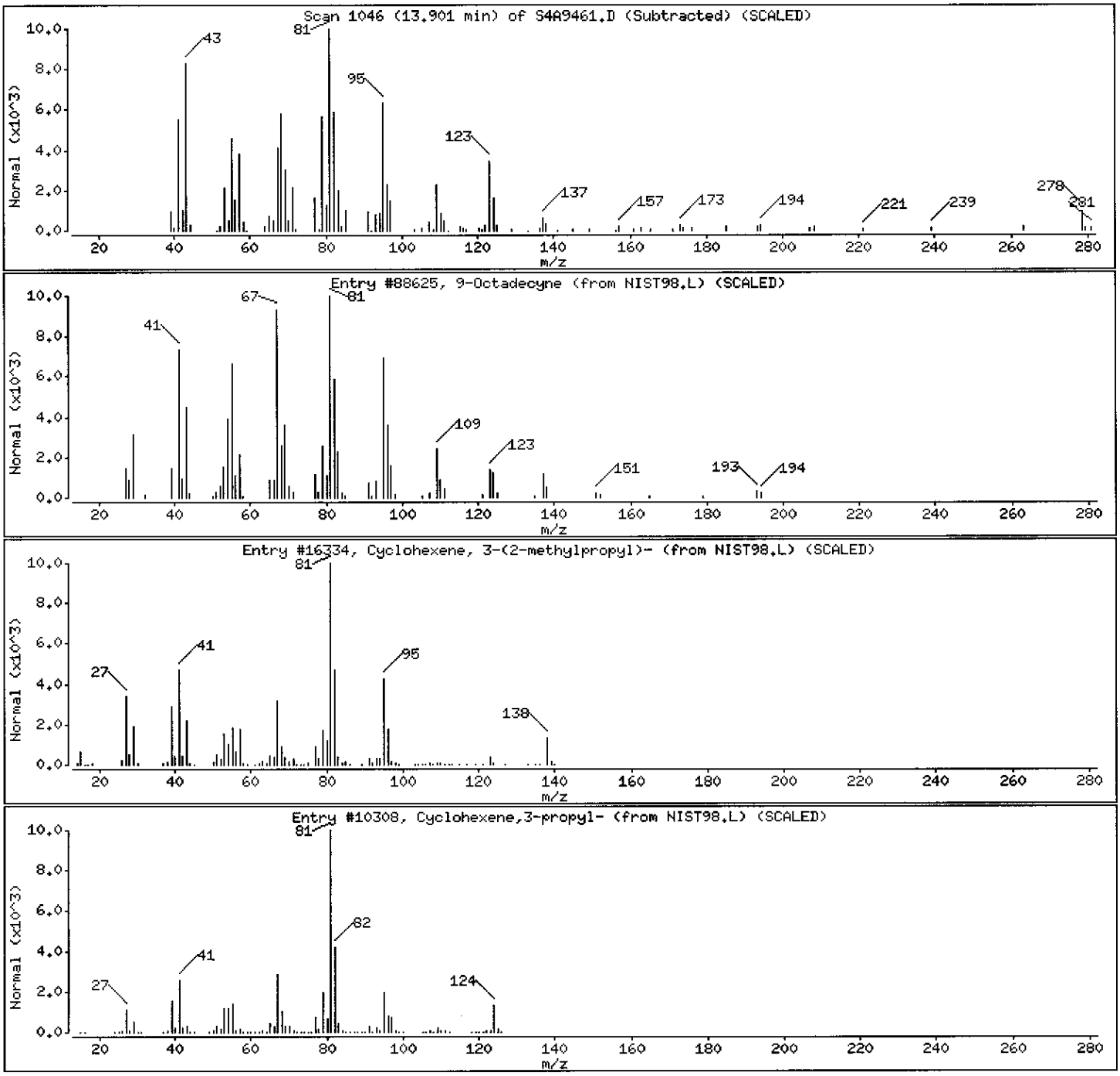
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
9-Octadecyne	35365-59-4	NIST98.L	88625	52	C18H34	250
Cyclohexene, 3-(2-methylpropyl)-	4104-56-7	NIST98.L	16334	50	C10H18	138
Cyclohexene,3-propyl-	3983-06-0	NIST98.L	10308	47	C9H16	124



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

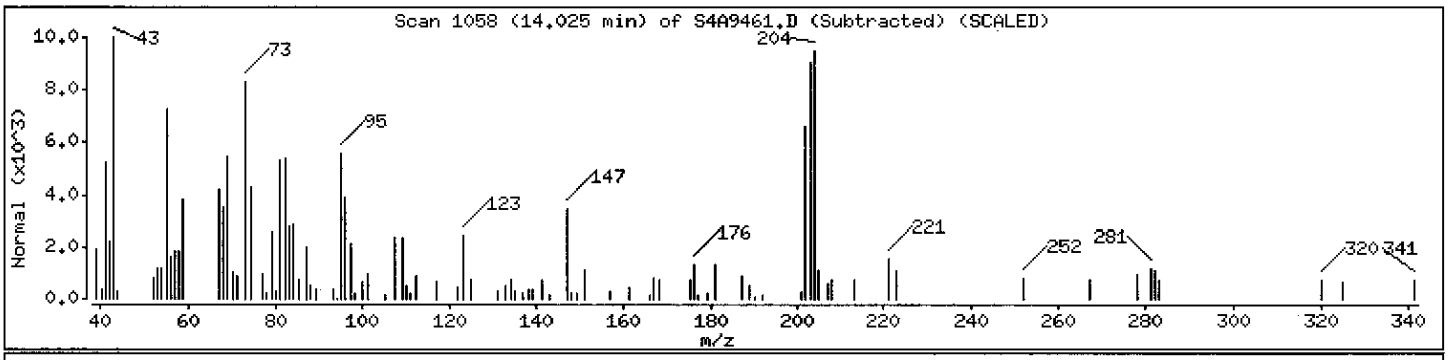
Client ID: SD02-S-D Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

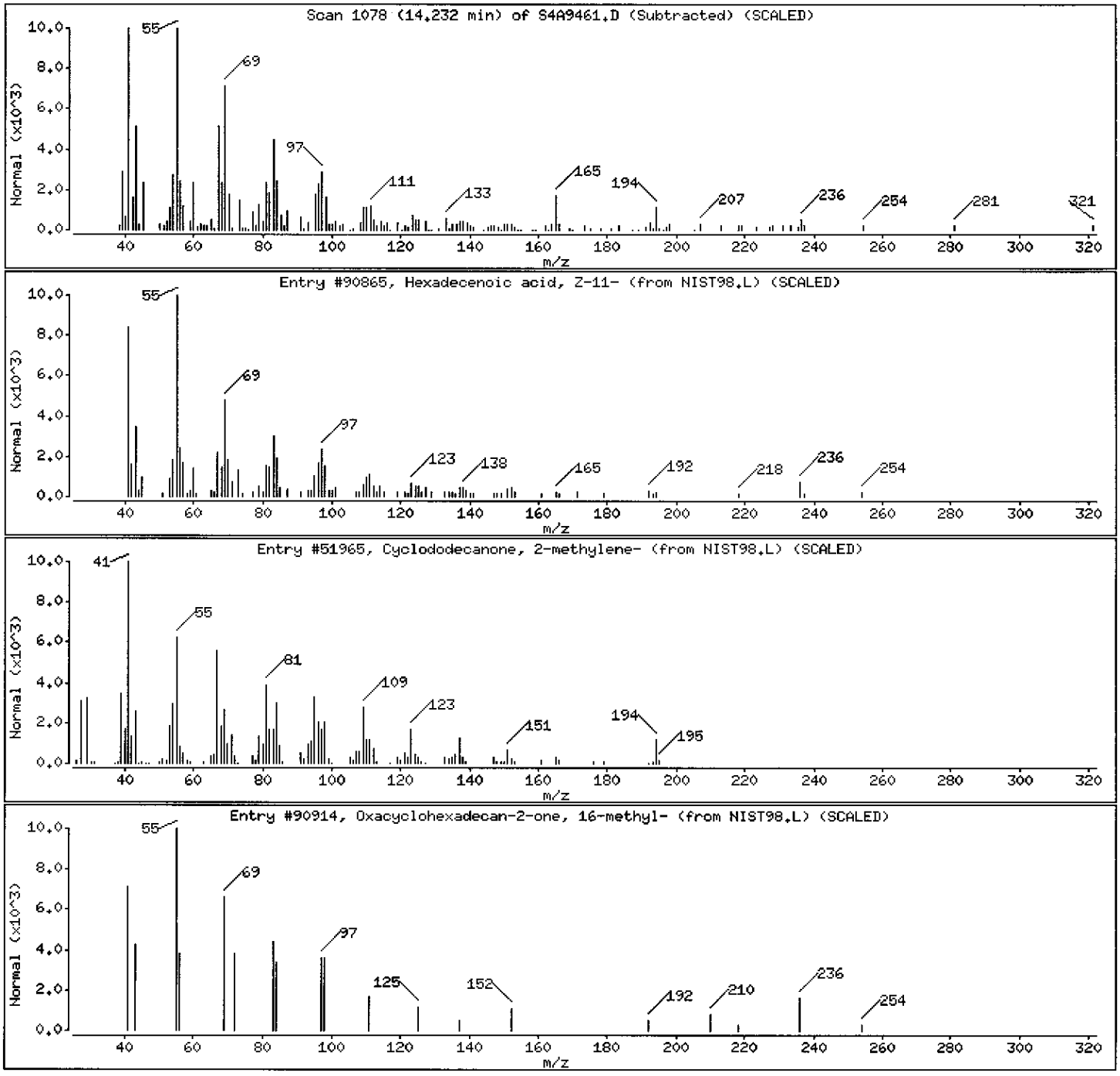
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexadecenoic acid, Z-11-	2416-20-8	NIST98.L	90865	90	C16H30O2	254
Cyclododecanone, 2-methylene-	3045-76-9	NIST98.L	51965	43	C13H22O	194
Oxacyclohexadecan-2-one, 16-methyl-	4459-57-8	NIST98.L	90914	42	C16H30O2	254



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Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

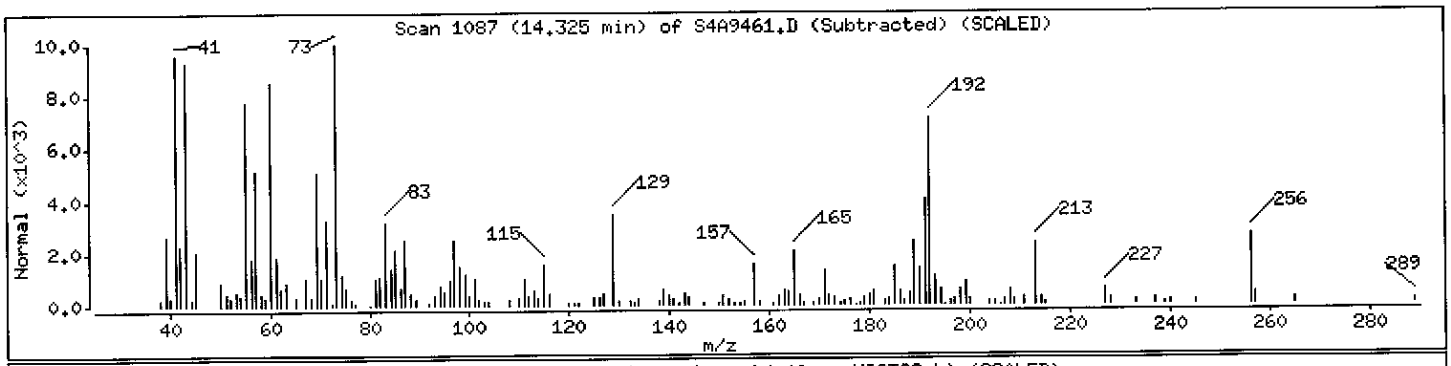
Volume Injected (uL): 2.0

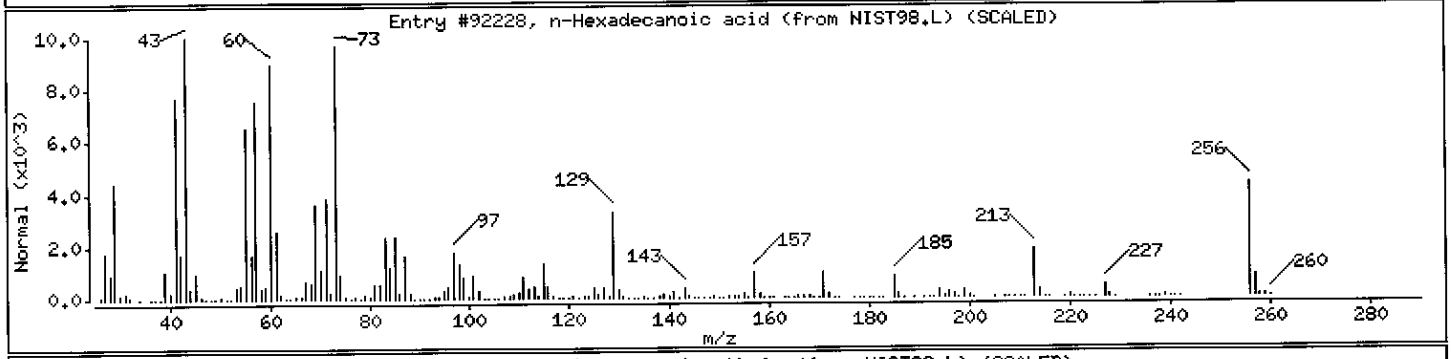
Operator: AW SRC: LIMS

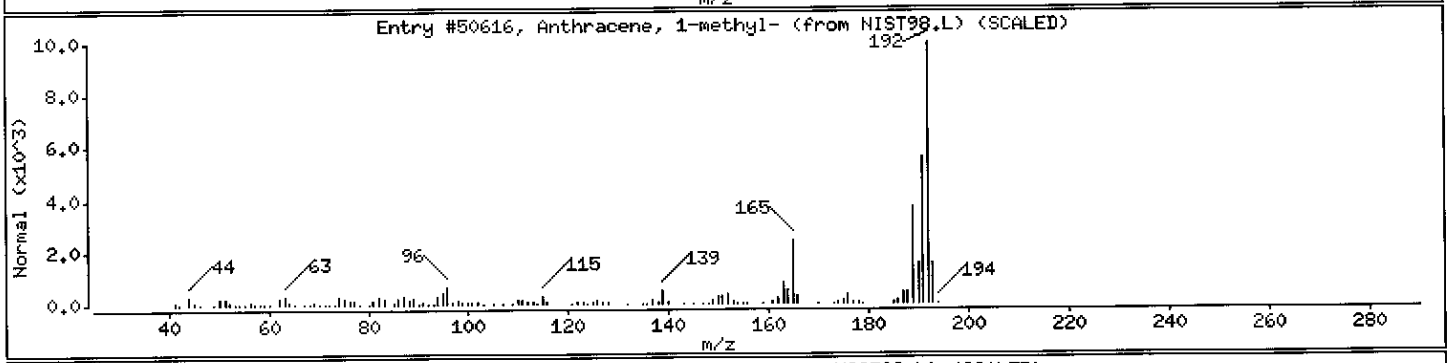
Column phase: DB-5MS

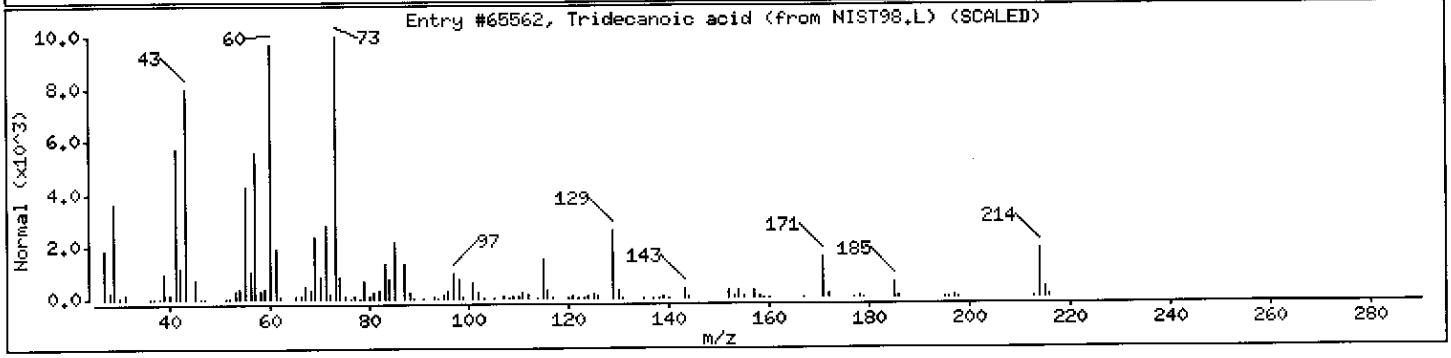
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
n-Hexadecanoic acid	57-10-3	NIST98.L	92228	95	C16H3202	256
Anthracene, 1-methyl-	610-48-0	NIST98.L	50616	68	C15H12	192
Tridecanoic acid	638-53-9	NIST98.L	65562	49	C13H2602	214









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

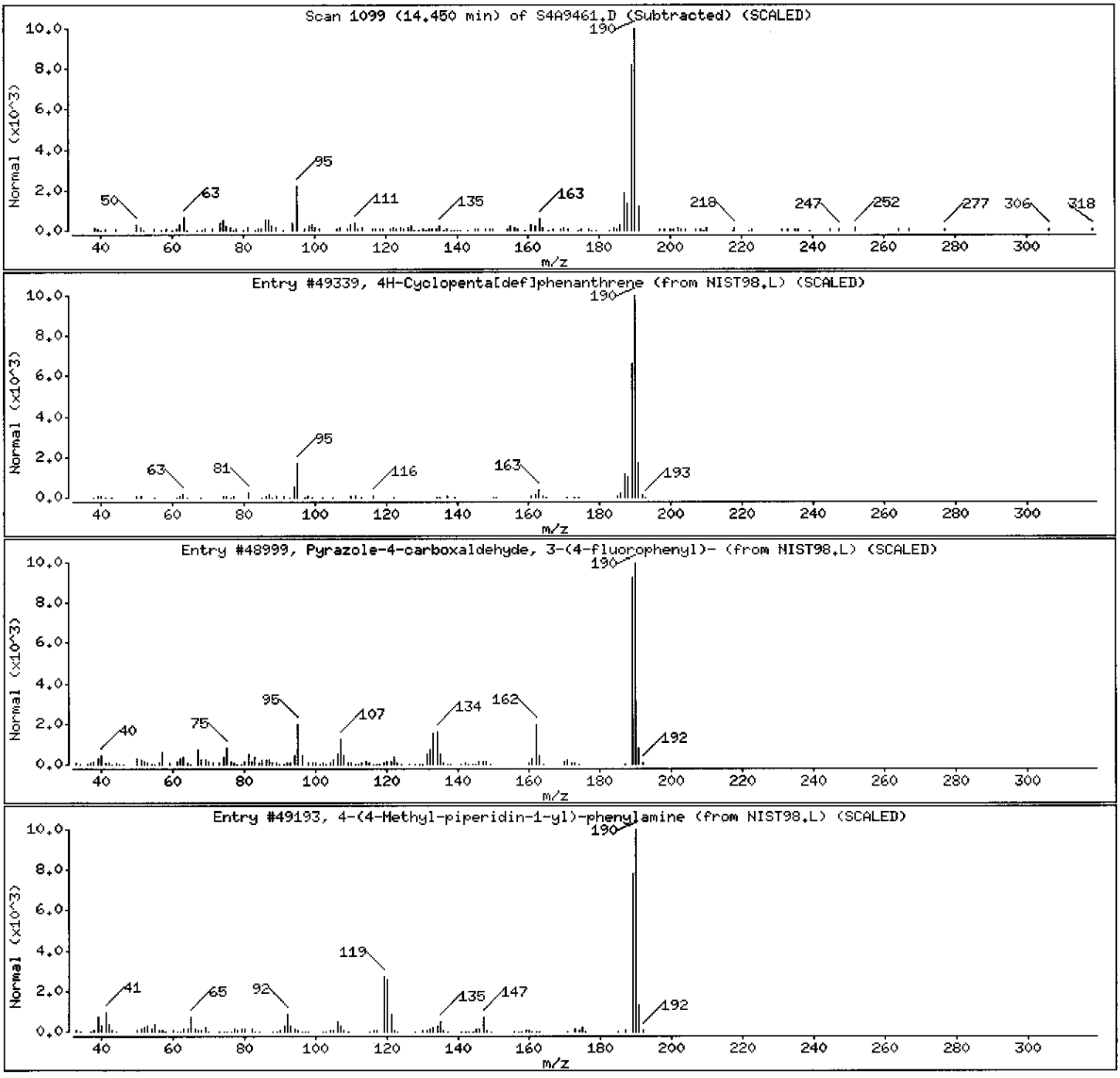
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST98.L	49339	87	C15H10	190
Pyrazole-4-carboxaldehyde, 3-(4-fluoroph	306936-57-2	NIST98.L	48999	72	C10H7FN2O	190
4-(4-Methyl-piperidin-1-yl)-phenylamine	342013-25-6	NIST98.L	49193	64	C12H18N2	190



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Date : 25-AUG-2005 15:37

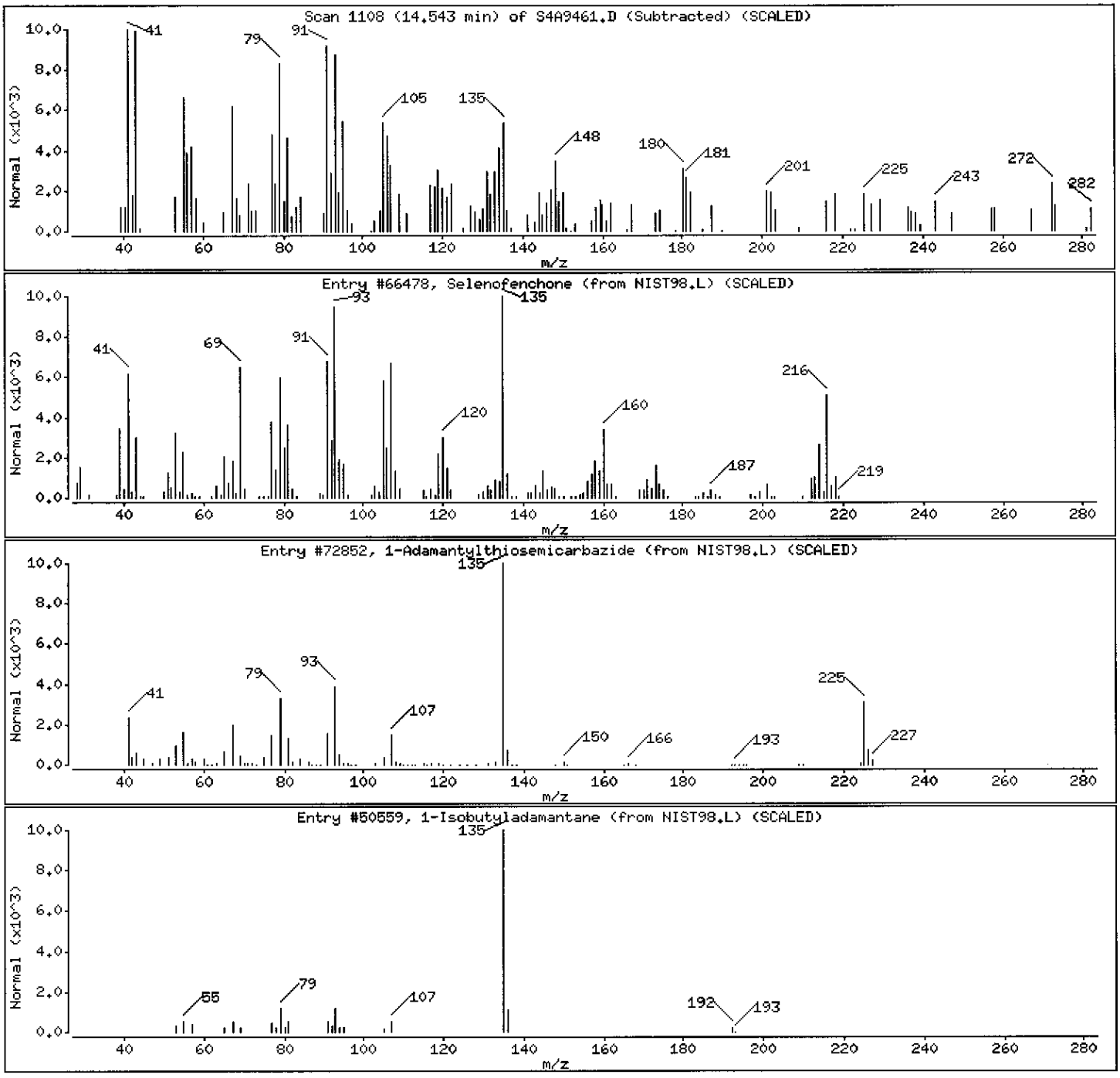
Client ID: SD02-S-D Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Selenofenchone	61849-83-0	NIST98.L	66478	53	C10H16Se	216
1-Adamantylthiosemicarbazide	21126-27-2	NIST98.L	72852	49	C11H19N3S	225
1-Isobutyladamantane	27364-16-5	NIST98.L	50559	46	C14H24	192



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Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

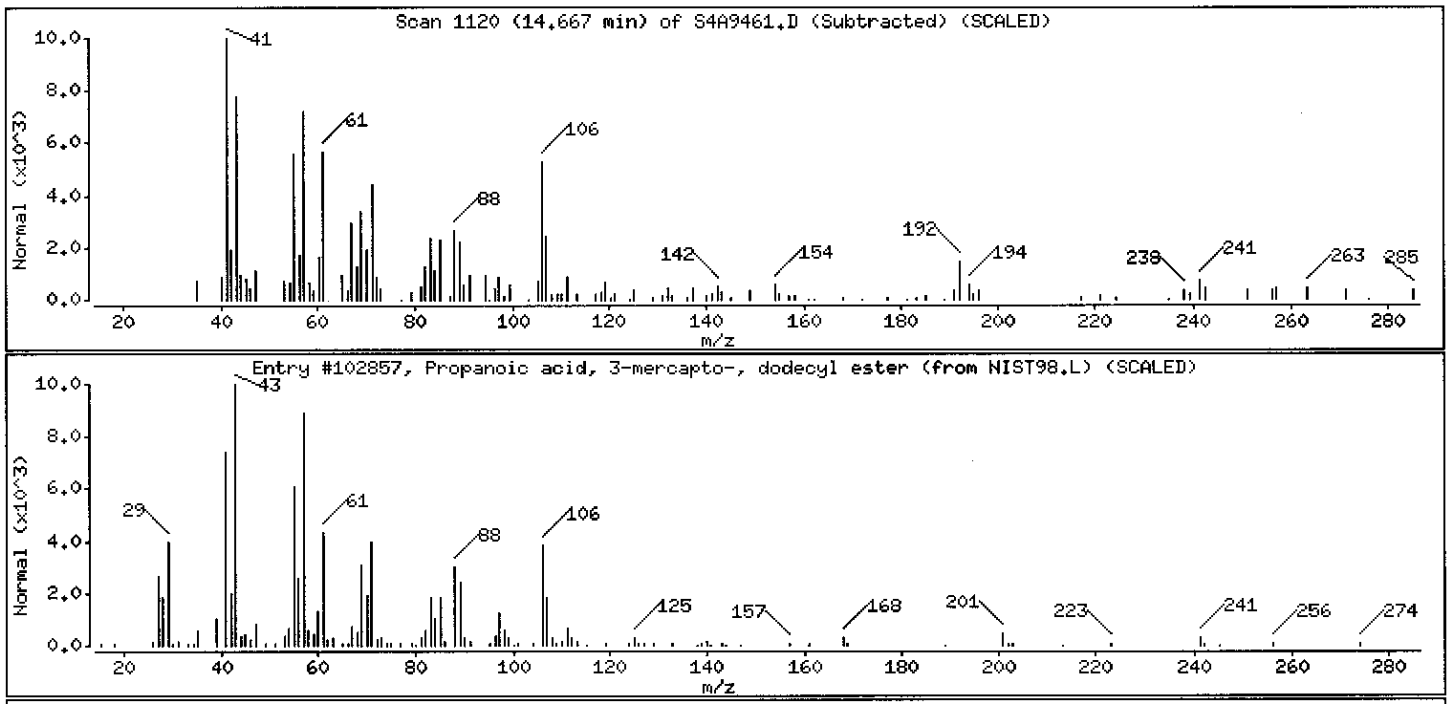
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Propanoic acid, 3-mercapto-, dodecyl est	6380-71-8	NIST98.L	102857	49	C15H30O2S	274



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Date : 25-AUG-2005 15:37

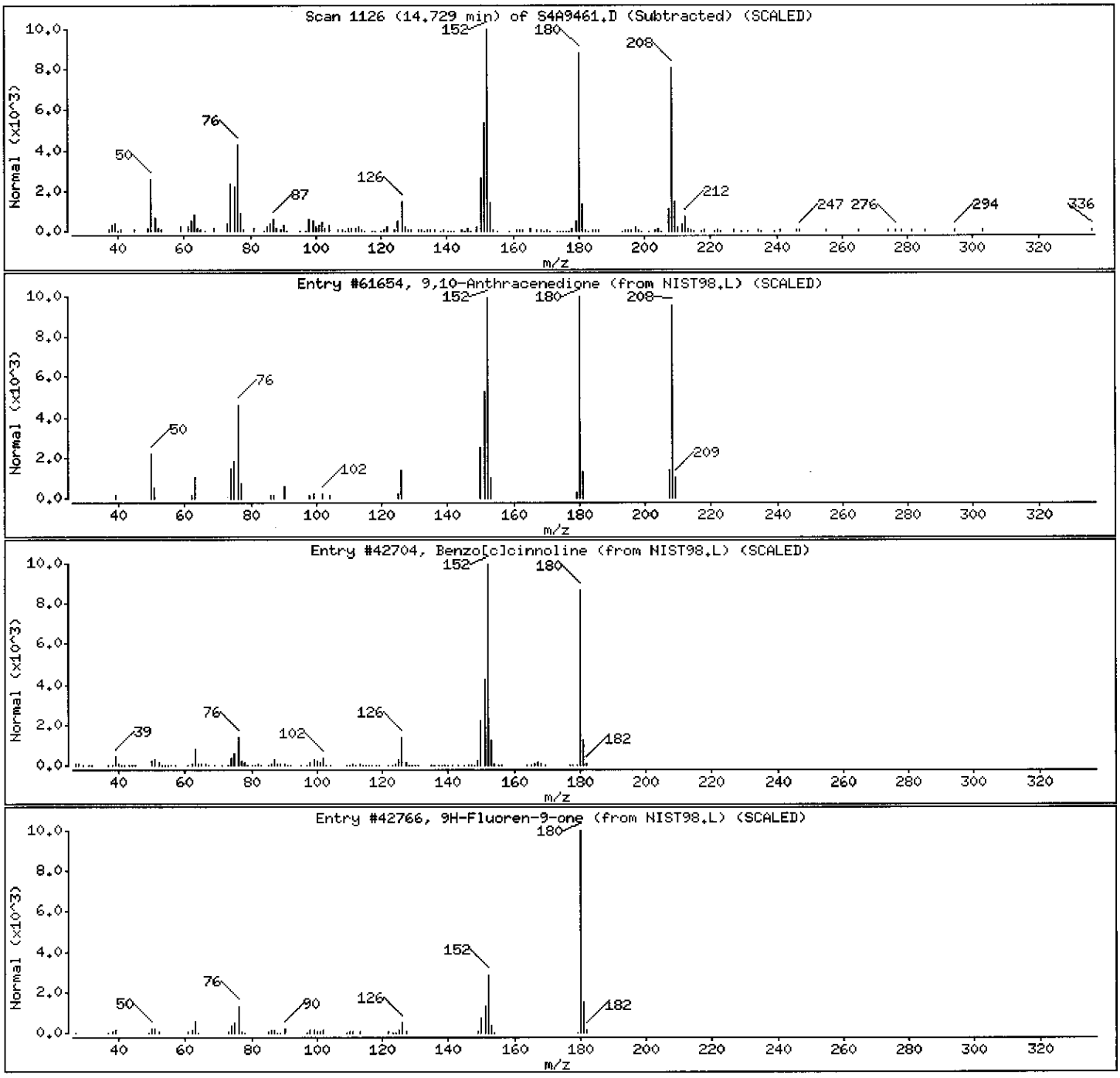
Client ID: SD02-S-D Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
9,10-Anthracenedione	84-65-1	NIST98.L	61654	96	C14H8O2	208
Benzo[c]cinnoline	230-17-1	NIST98.L	42704	95	C12H8N2	180
9H-Fluoren-9-one	486-25-9	NIST98.L	42766	70	C13H8O	180



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Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

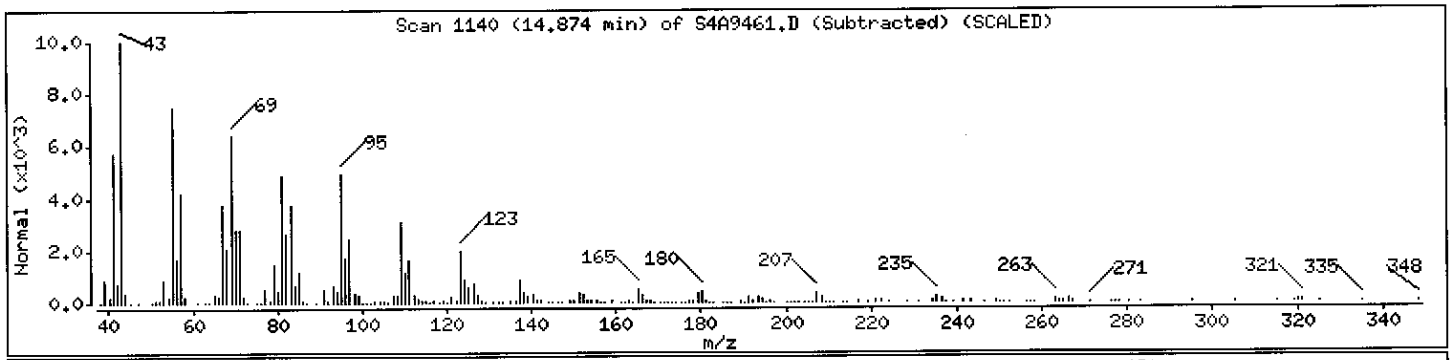
Volume Injected (uL): 2.0

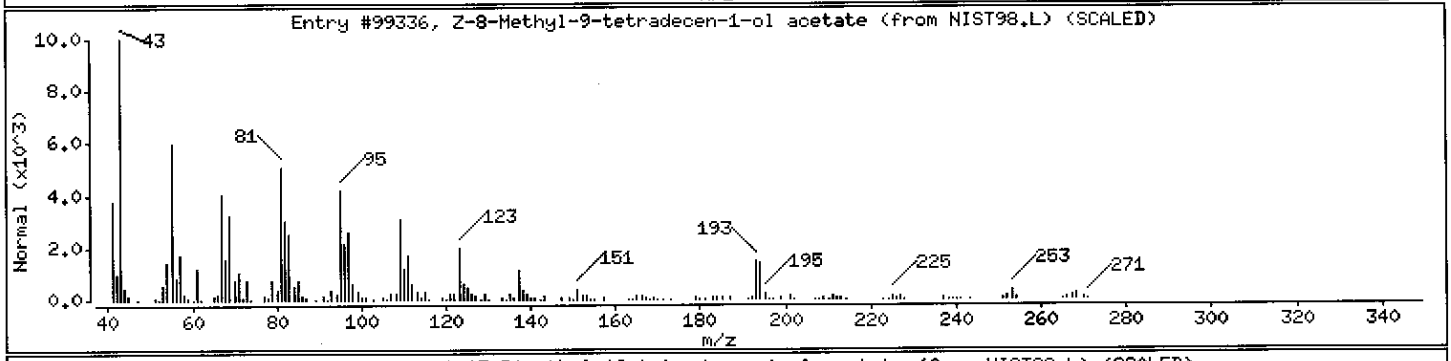
Operator: AW SRC: LIMS

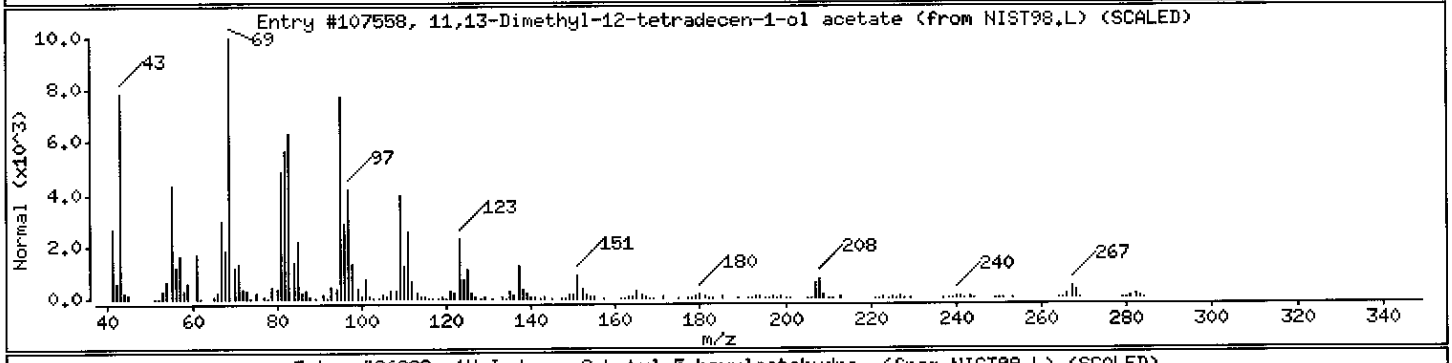
Column phase: DB-5MS

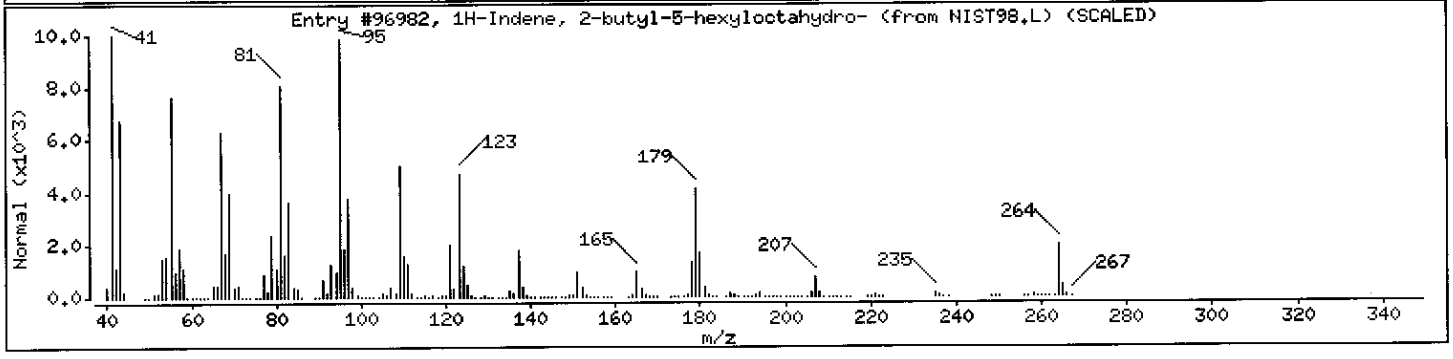
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Z-8-Methyl-9-tetradecen-1-ol acetate	1000130-82-4	NIST98.L	99336	90	C17H32O2	268
11,13-Dimethyl-12-tetradecen-1-ol acetat	1000130-81-0	NIST98.L	107558	80	C18H34O2	282
1H-Indene, 2-butyl-5-hexyloctahydro-	55044-33-2	NIST98.L	96982	62	C19H36	264









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Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

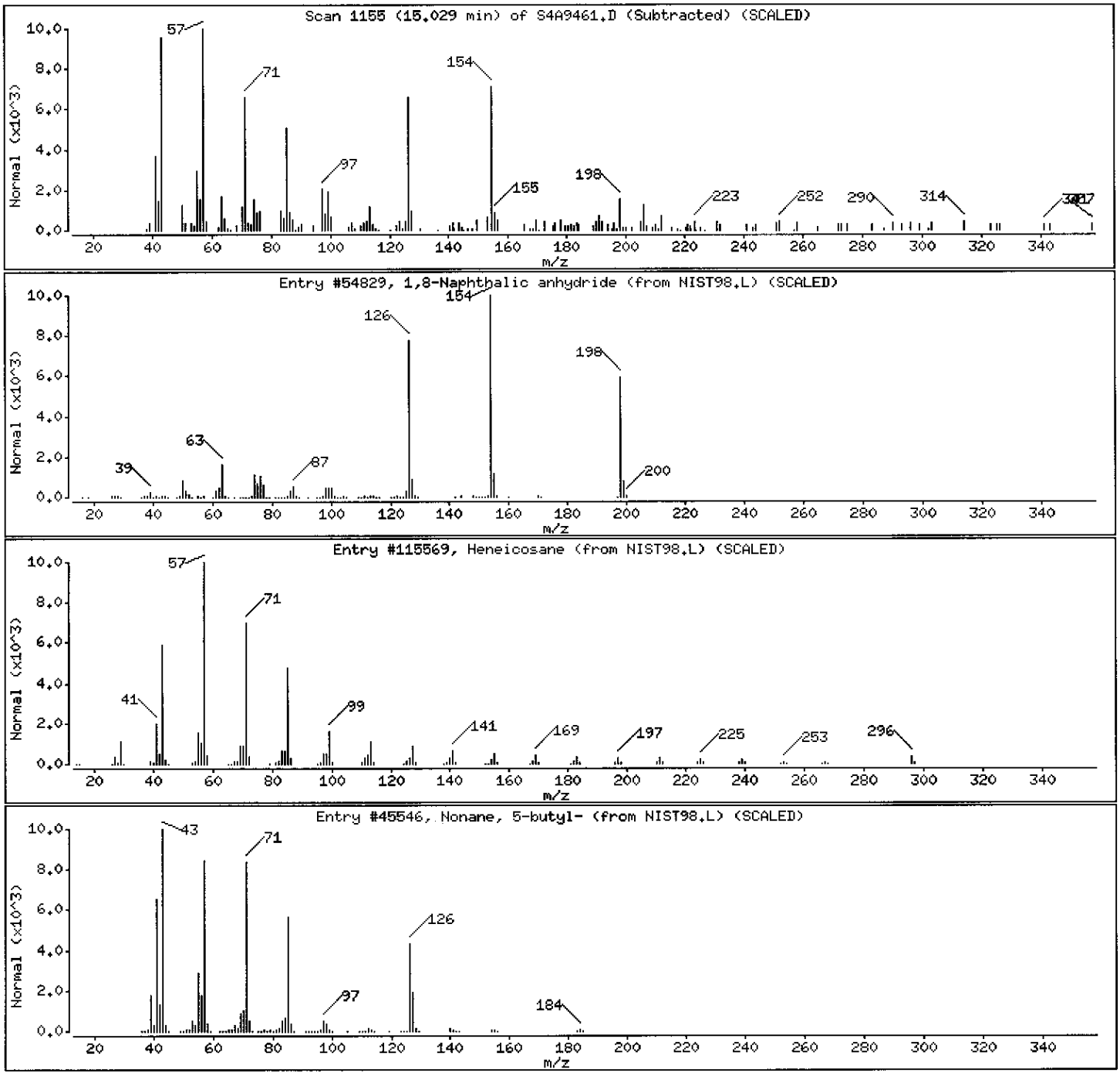
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1,8-Naphthalic anhydride	81-84-5	NIST98.L	54829	81	C12H6O3	198
Heneicosane	629-94-7	NIST98.L	115569	81	C21H44	296
Nonane, 5-butyl-	17312-63-9	NIST98.L	45546	55	C13H28	184



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Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

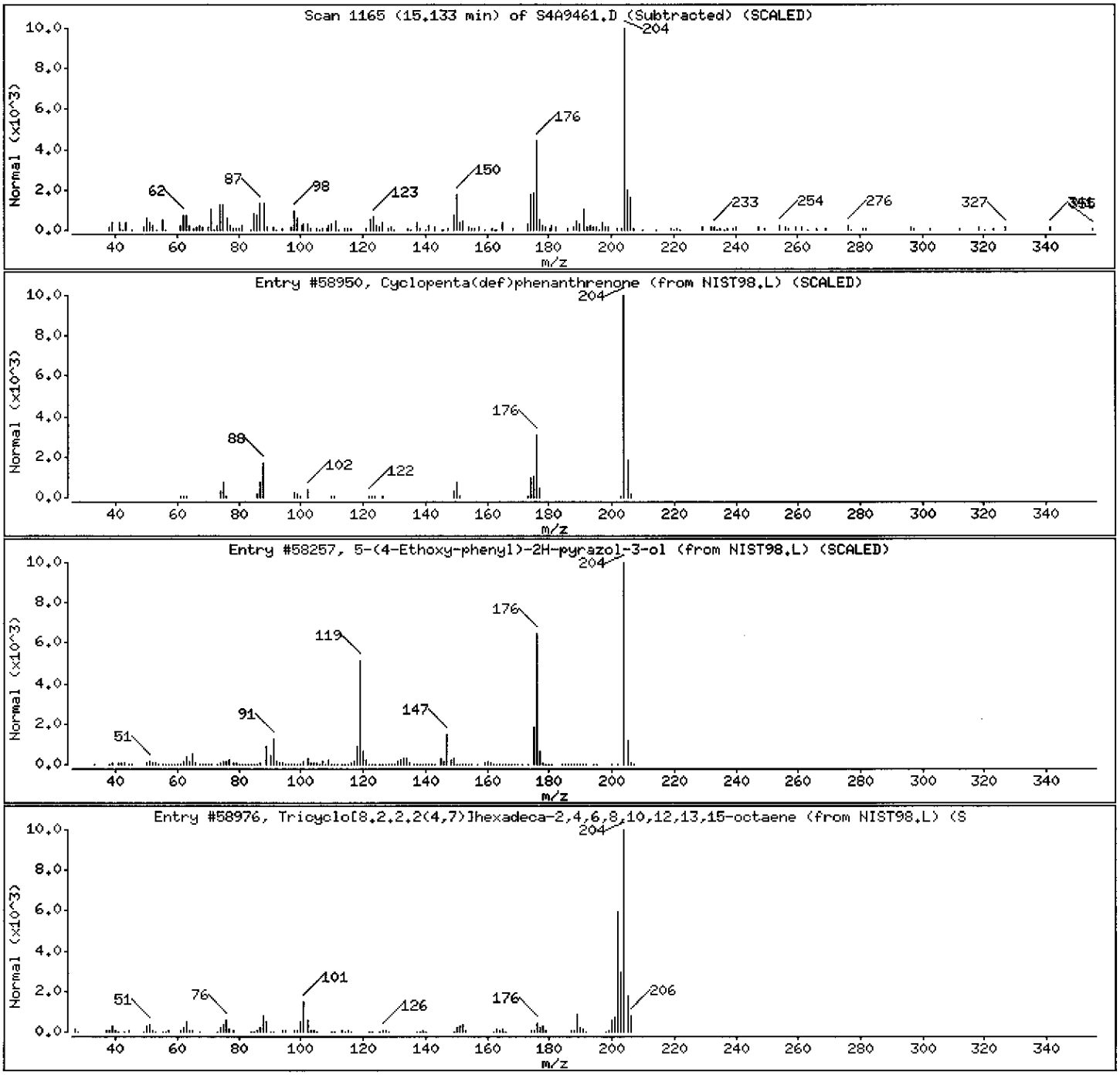
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclopenta(def)phenanthrenone	5737-13-3	NIST98.L	58950	72	C15H8O	204
5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	1000278-26-8	NIST98.L	58257	50	C11H12N2O2	204
Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8,1	6572-60-7	NIST98.L	58976	47	C16H12	204



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Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

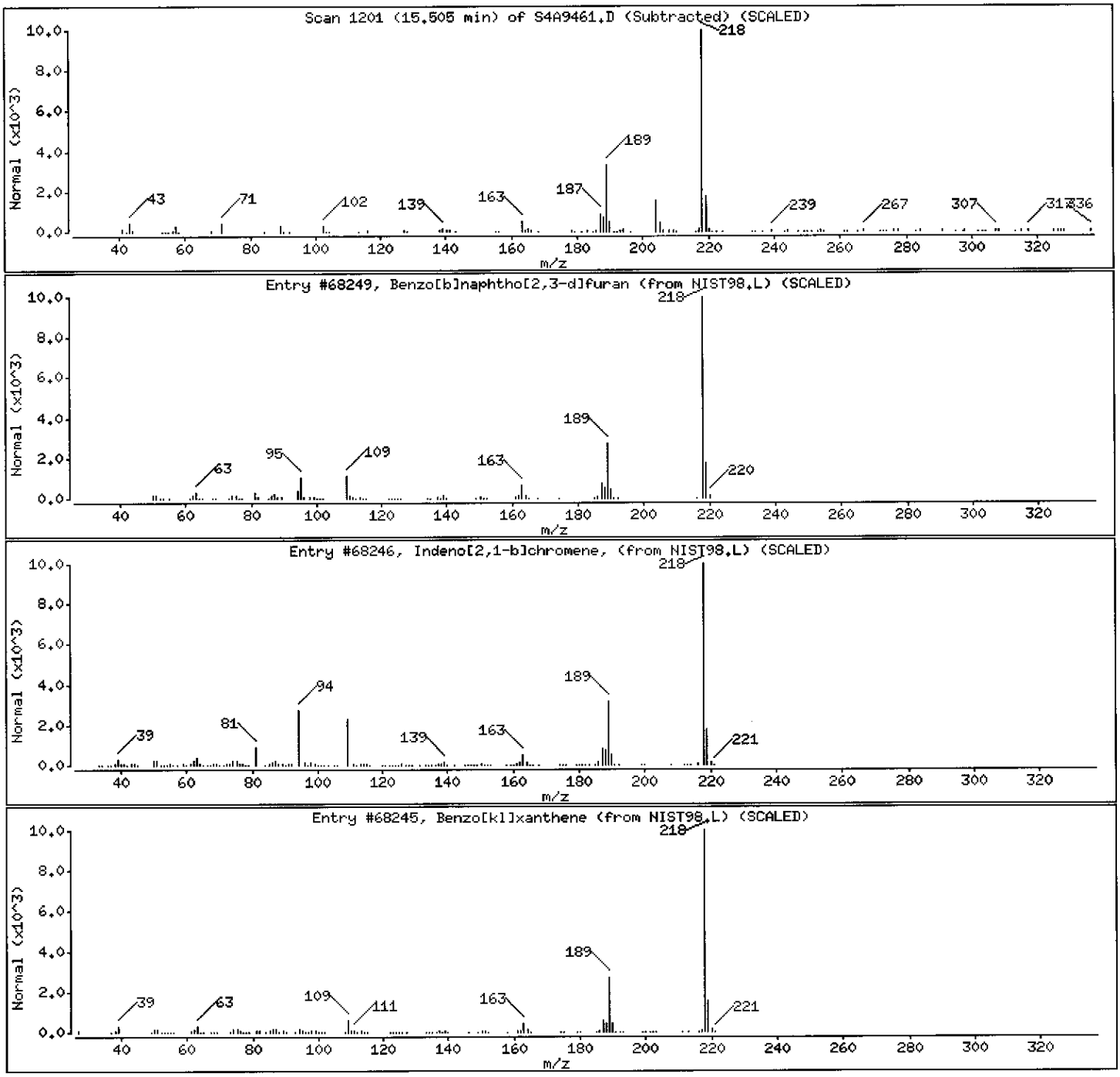
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Benzo[b]naphtho[2,3-d]furan	243-42-5	NIST98.L	68249	83	C16H10O	218
Indeno[2,1-b]chromene,	243-24-3	NIST98.L	68246	80	C16H10O	218
Benzo[kl]xanthene	200-23-7	NIST98.L	68245	80	C16H10O	218



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Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

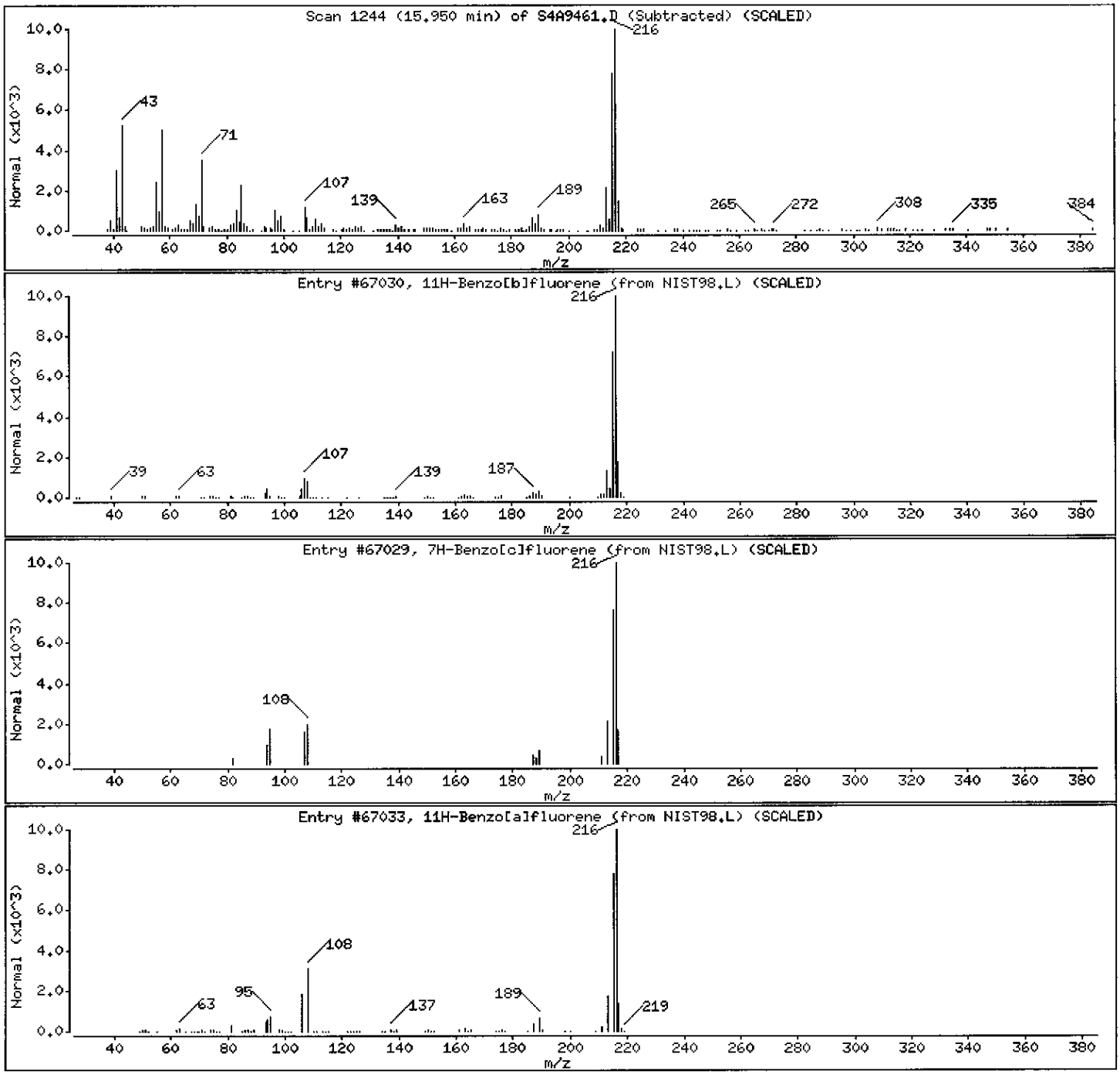
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Benzo[b]fluorene	243-17-4	NIST98.L	67030	90	C17H12	216
7H-Benzo[c]fluorene	205-12-9	NIST98.L	67029	76	C17H12	216
11H-Benzo[a]fluorene	238-84-6	NIST98.L	67033	70	C17H12	216



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Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

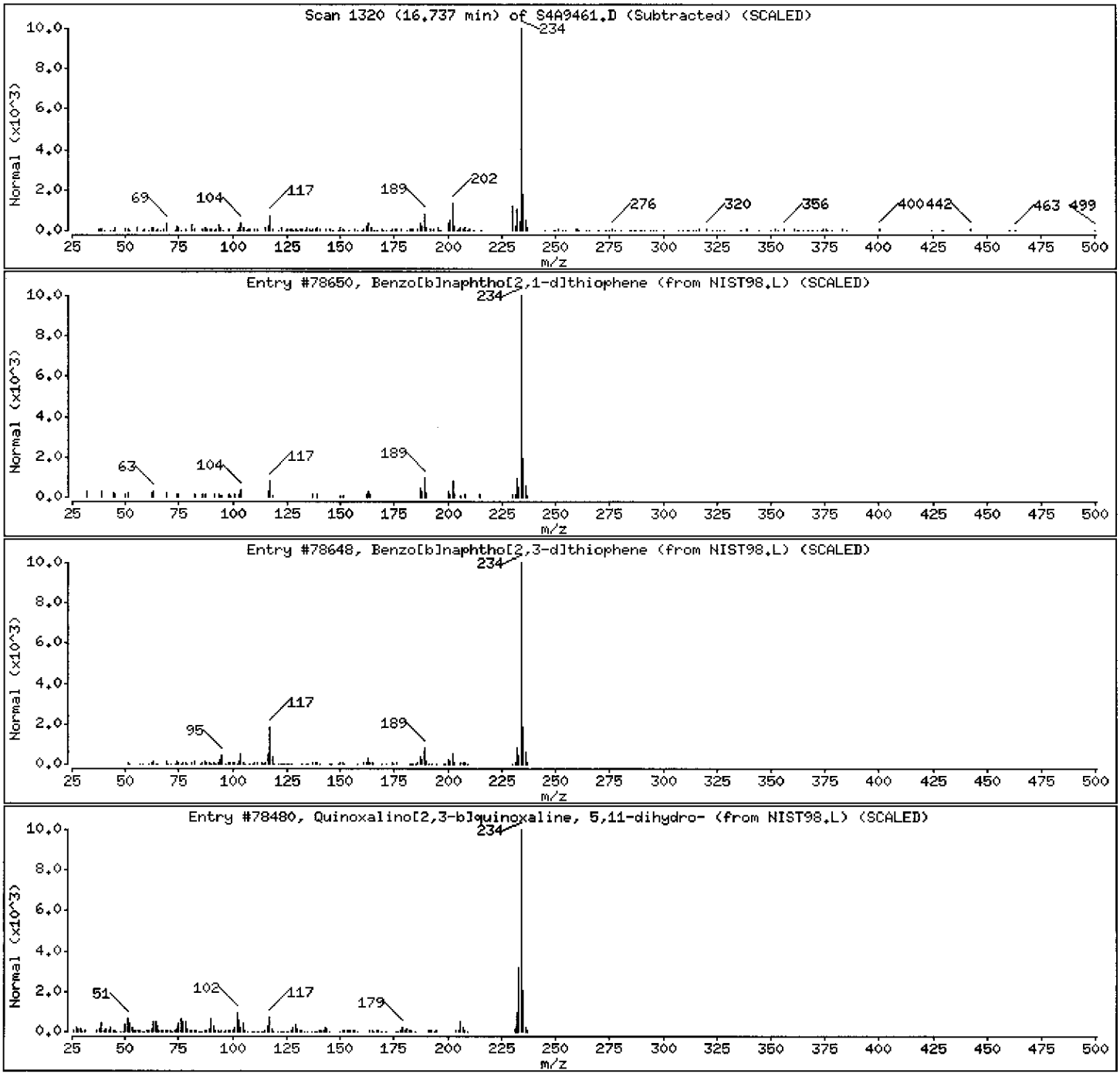
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo[b]naphtho[2,1-d]thiophene	239-35-0	NIST98.L	78650	94	C16H10S	234
Benzo[b]naphtho[2,3-d]thiophene	243-46-9	NIST98.L	78648	90	C16H10S	234
Quinoxalino[2,3-b]quinoxaline, 5,11-dihy	531-46-4	NIST98.L	78480	64	C14H10N4	234



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Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

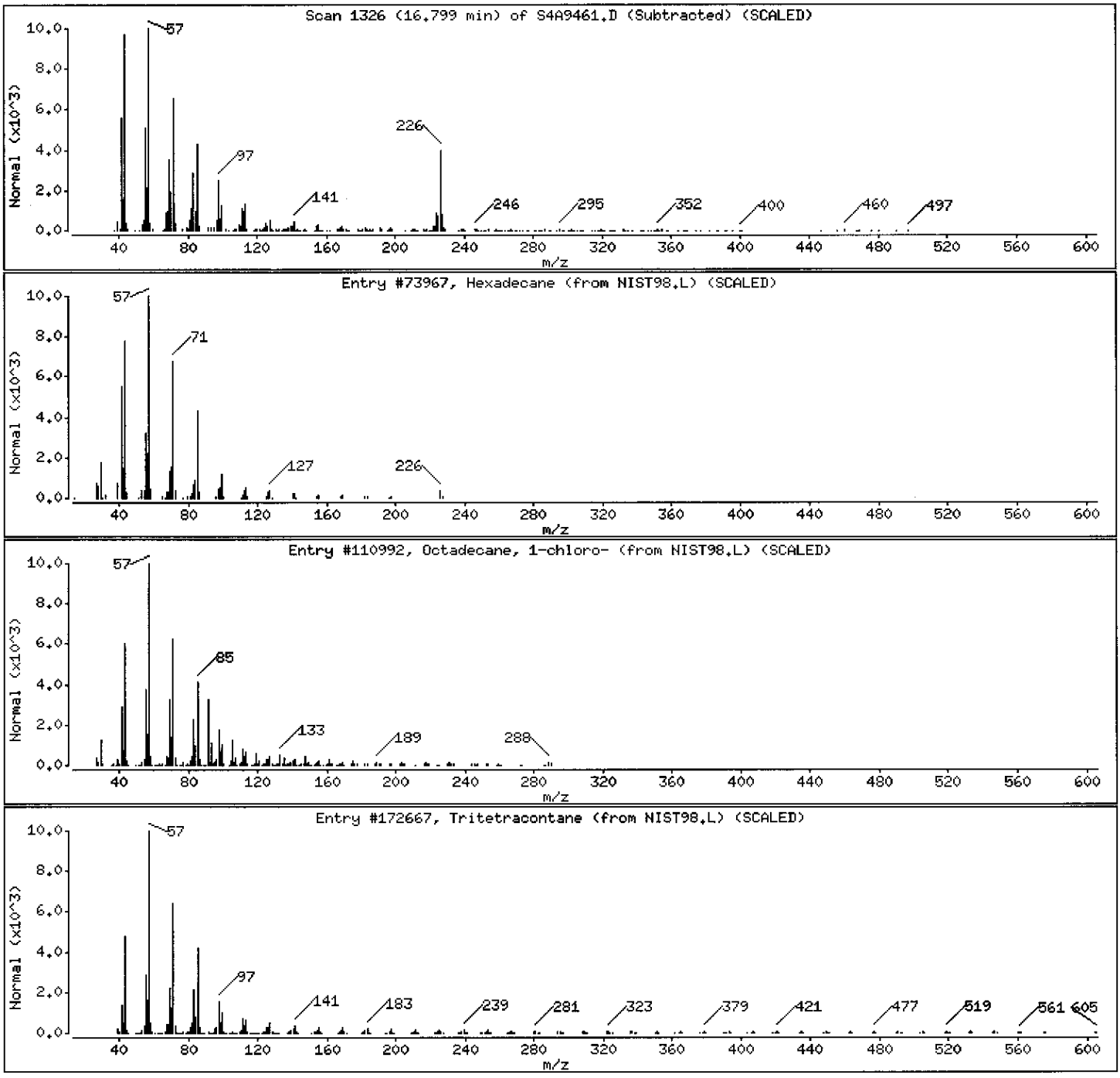
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Hexadecane	544-76-3	NIST98.L	73967	68	C16H34	226
Octadecane, 1-chloro-	3386-33-2	NIST98.L	110992	64	C18H37Cl	288
Tritetracontane	7098-21-7	NIST98.L	172667	58	C43H88	605



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Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

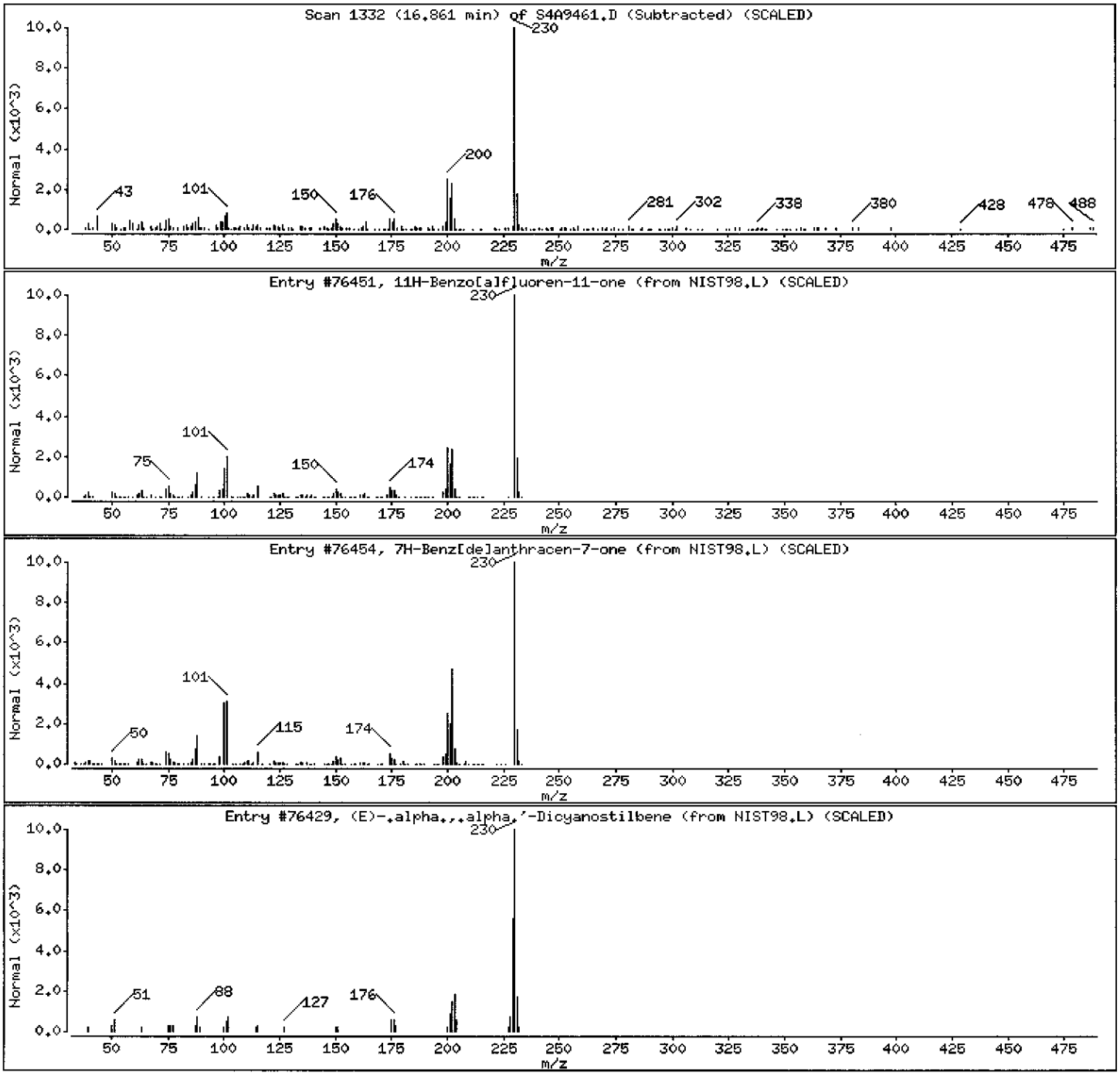
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Benzo[a]fluoren-11-one	479-79-8	NIST98.L	76451	95	C17H10O	230
7H-Benz[de]anthracen-7-one	82-05-3	NIST98.L	76454	83	C17H10O	230
(E)-.alpha.,.alpha.'-Dicyanostilbene	2450-55-7	NIST98.L	76429	53	C16H10N2	230



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Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

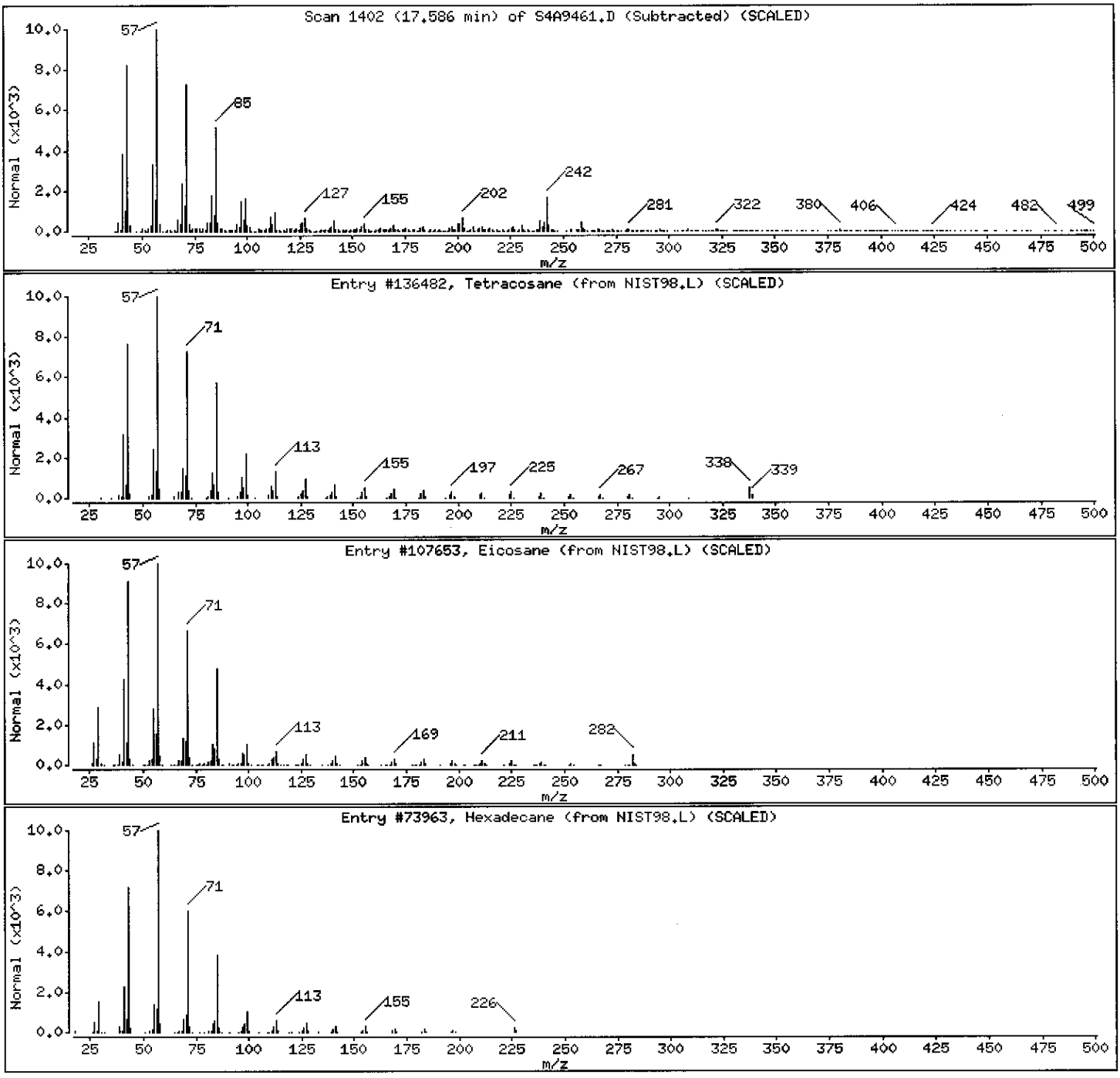
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Tetracosane	646-31-1	NIST98.L	136482	97	C24H50	338
Eicosane	112-95-8	NIST98.L	107653	97	C20H42	282
Hexadecane	544-76-3	NIST98.L	73963	96	C16H34	226



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Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

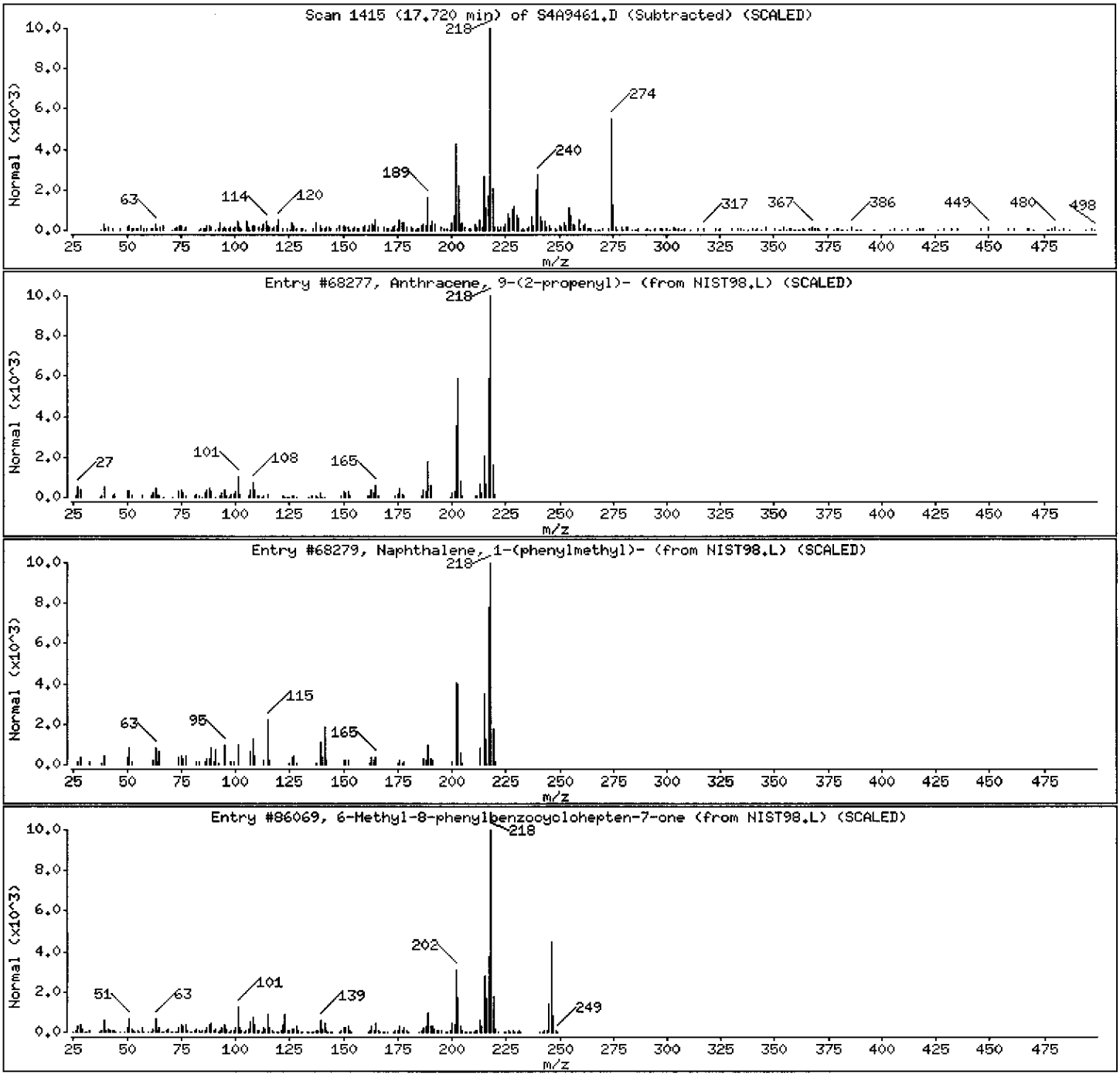
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Anthracene, 9-(2-propenyl)-	23707-65-5	NIST98.L	68277	46	C17H14	218
Naphthalene, 1-(phenylmethyl)-	611-45-0	NIST98.L	68279	43	C17H14	218
6-Methyl-8-phenylbenzocyclohepten-7-one	1000211-20-7	NIST98.L	86069	43	C18H14O	246



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Date : 25-AUG-2005 15:37

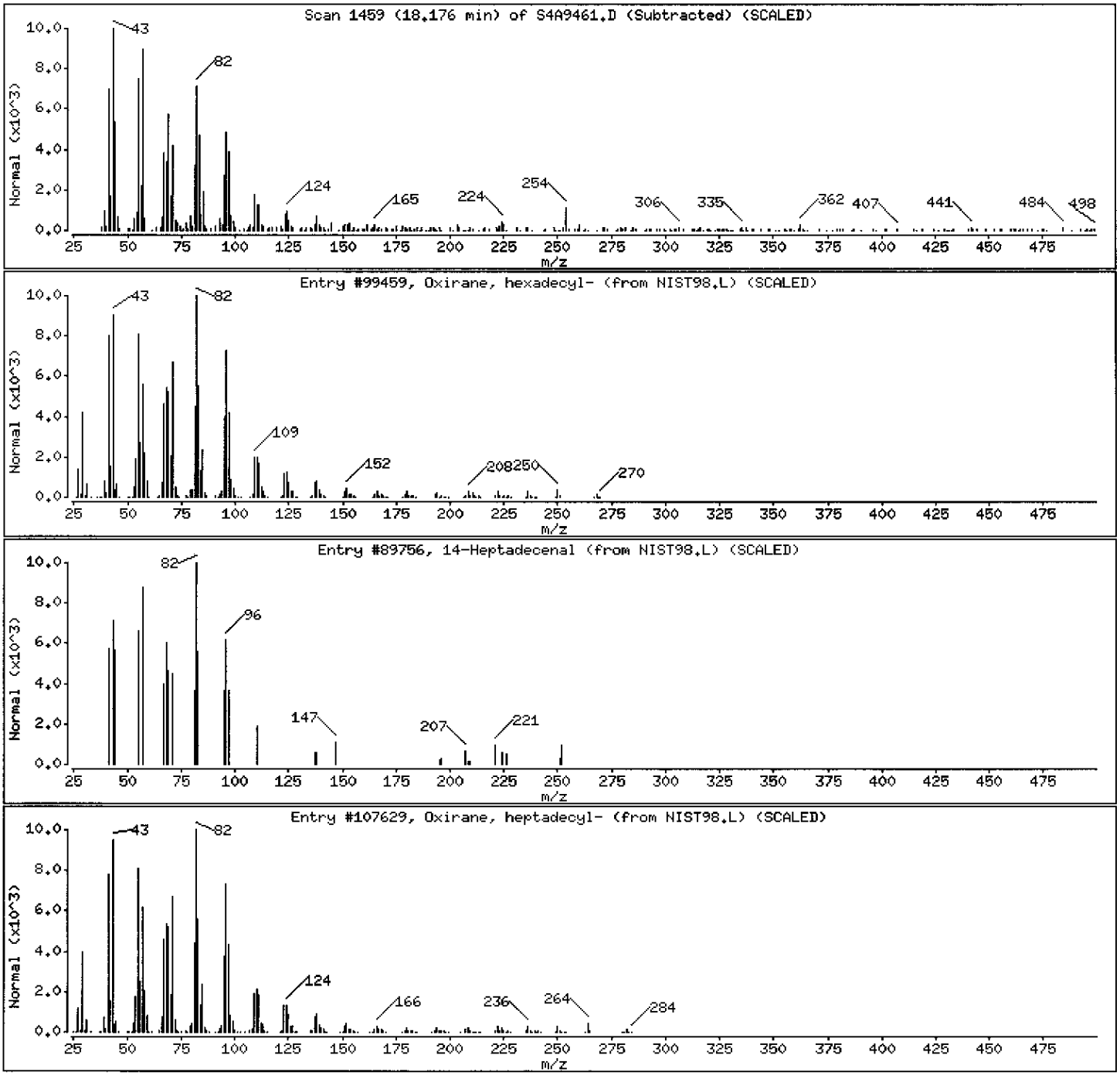
Client ID: SD02-S-D Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Oxirane, hexadecyl-	7390-81-0	NIST98.L	99459	90	C18H360	268
14-Heptadecenal	1000144-58-0	NIST98.L	89756	90	C17H320	252
Oxirane, heptadecyl-	67860-04-2	NIST98.L	107629	81	C19H380	282



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Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

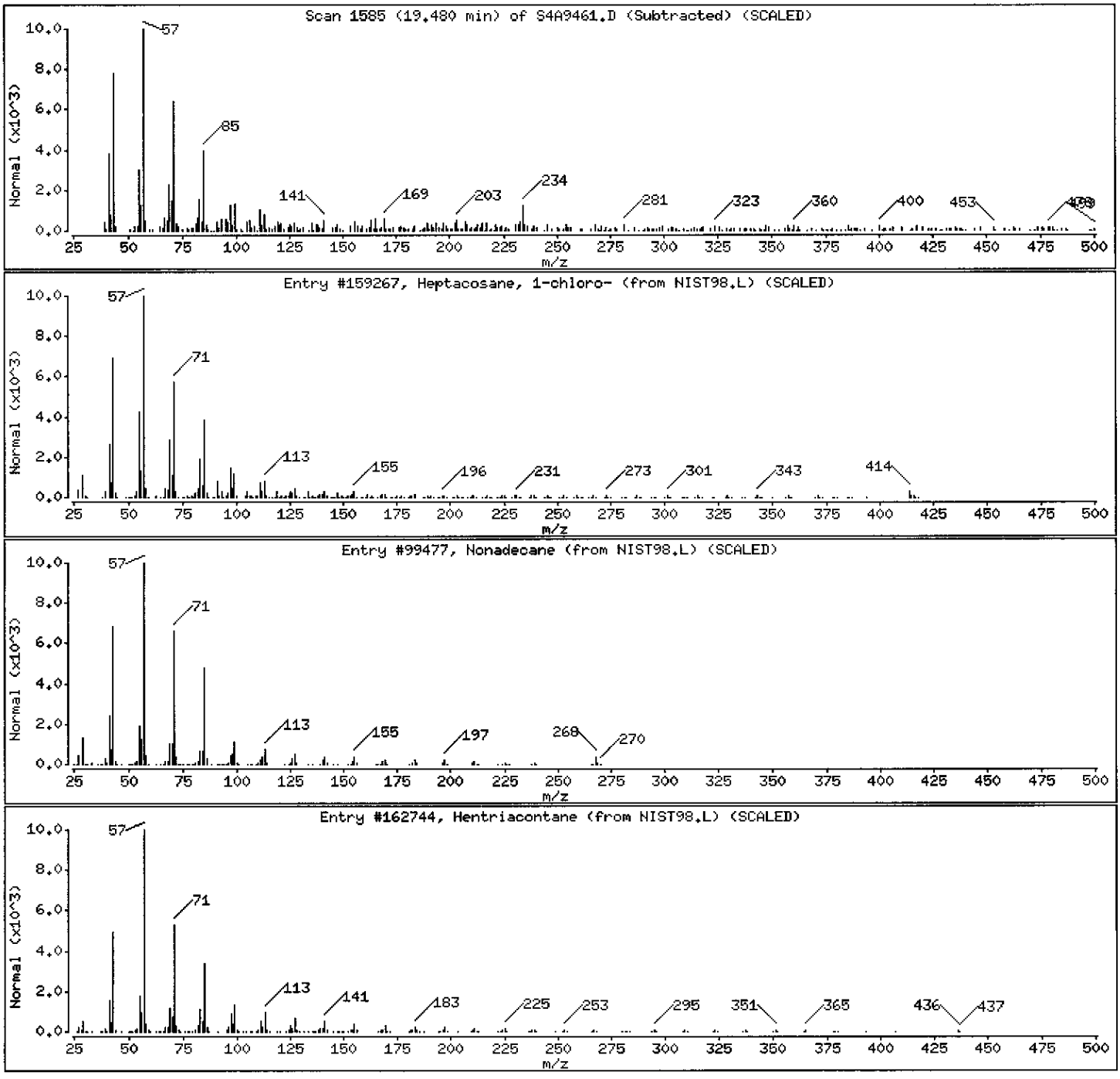
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Heptacosane, 1-chloro-	62016-79-9	NIST98.L	159267	95	C27H55Cl	414
Nonadecane	629-92-5	NIST98.L	99477	93	C19H40	268
Hentriacontane	630-04-6	NIST98.L	162744	89	C31H64	437



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Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

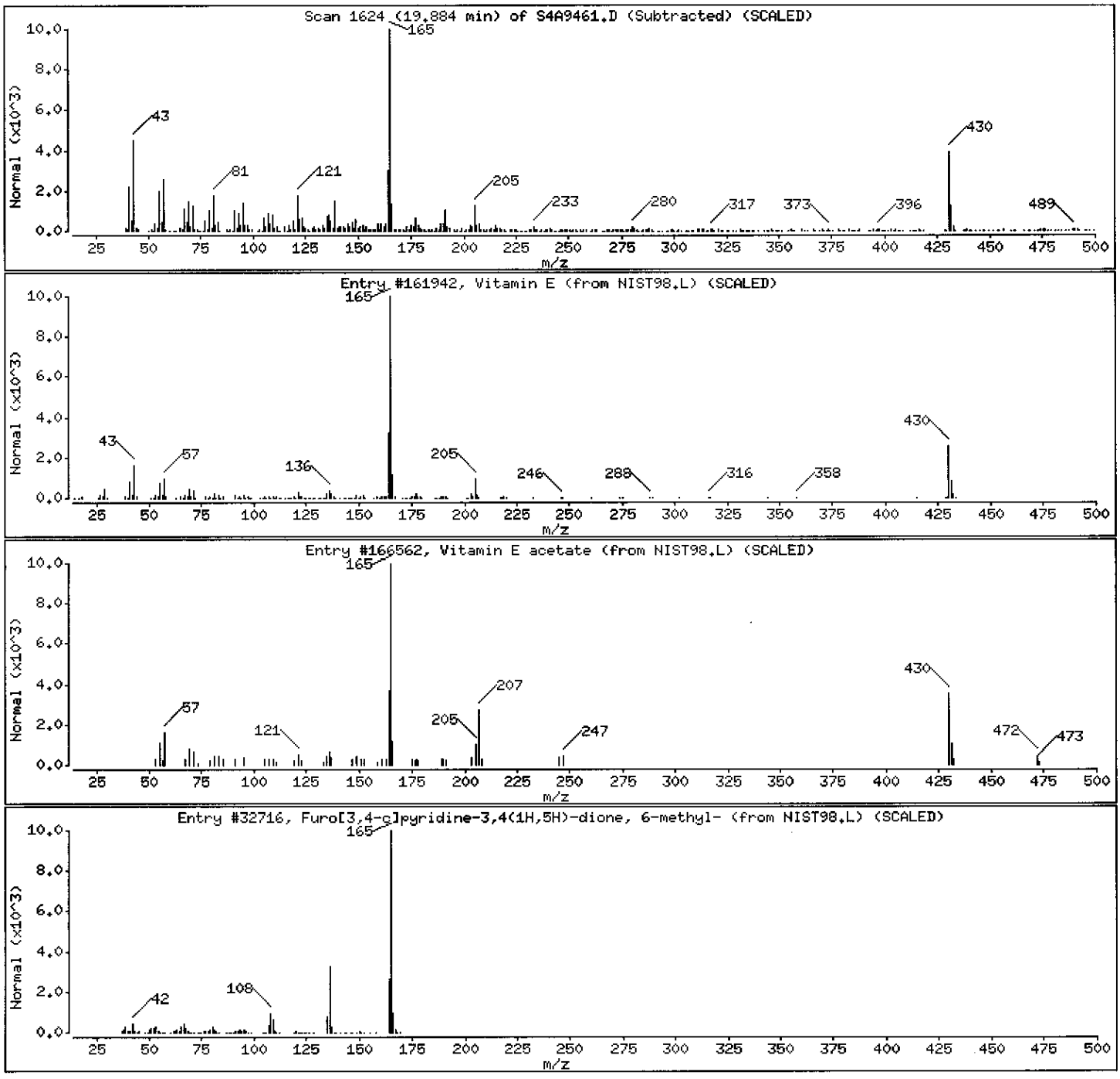
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Vitamin E	10191-41-0	NIST98.L	161942	91	C29H50O2	430
Vitamin E acetate	58-95-7	NIST98.L	166562	87	C31H52O3	472
Furo[3,4-c]pyridine-3,4(1H,5H)-dione, 6-	7472-18-6	NIST98.L	32716	46	C8H7NO3	165



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Date : 25-AUG-2005 15:37

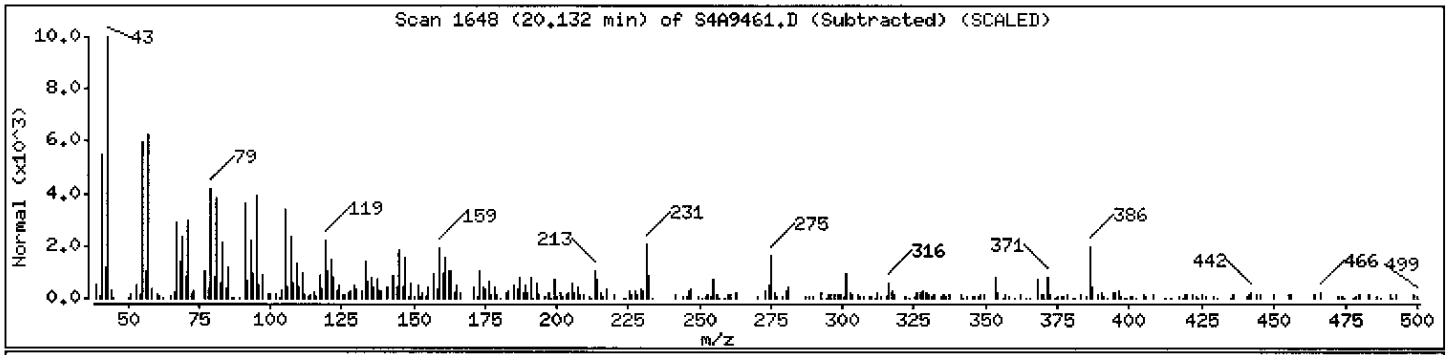
Client ID: SD02-S-D Instrument: S4.i

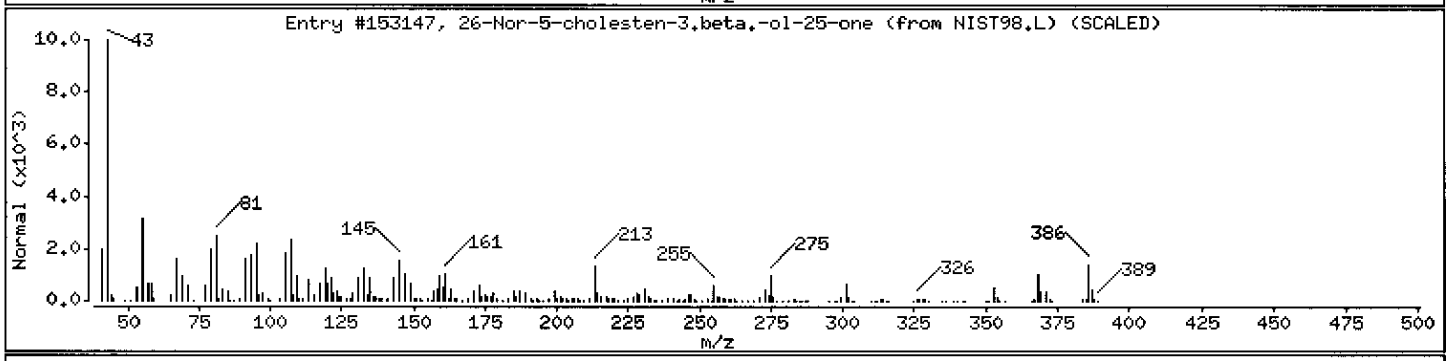
Sample Info: D0926-03A,,19468,,

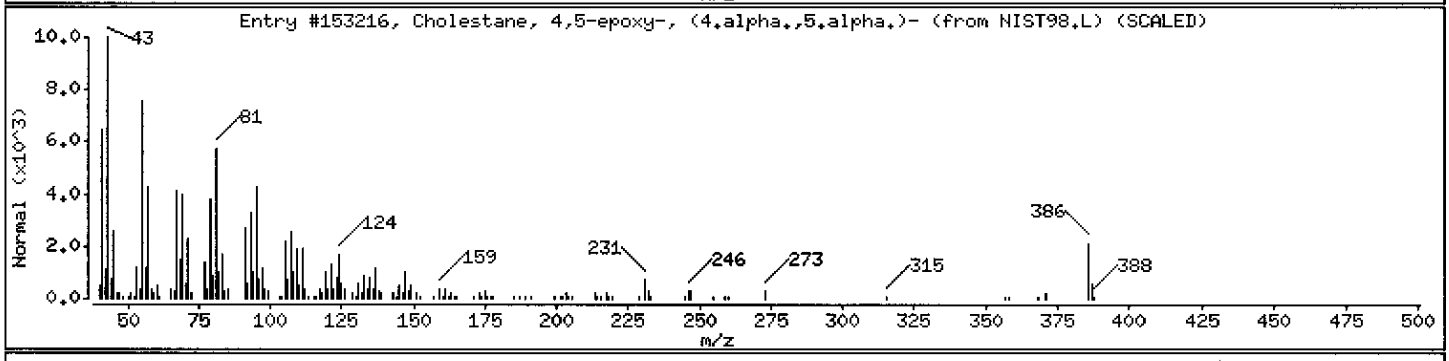
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
26-Nor-5-cholesten-3,beta,-ol-25-one	7494-34-0	NIST98.L	153147	78	C26H4202	386
Cholestane, 4,5-epoxy-, (4,alpha,,5,alph	6079-19-2	NIST98.L	153216	58	C27H460	386







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Date : 25-AUG-2005 15:37

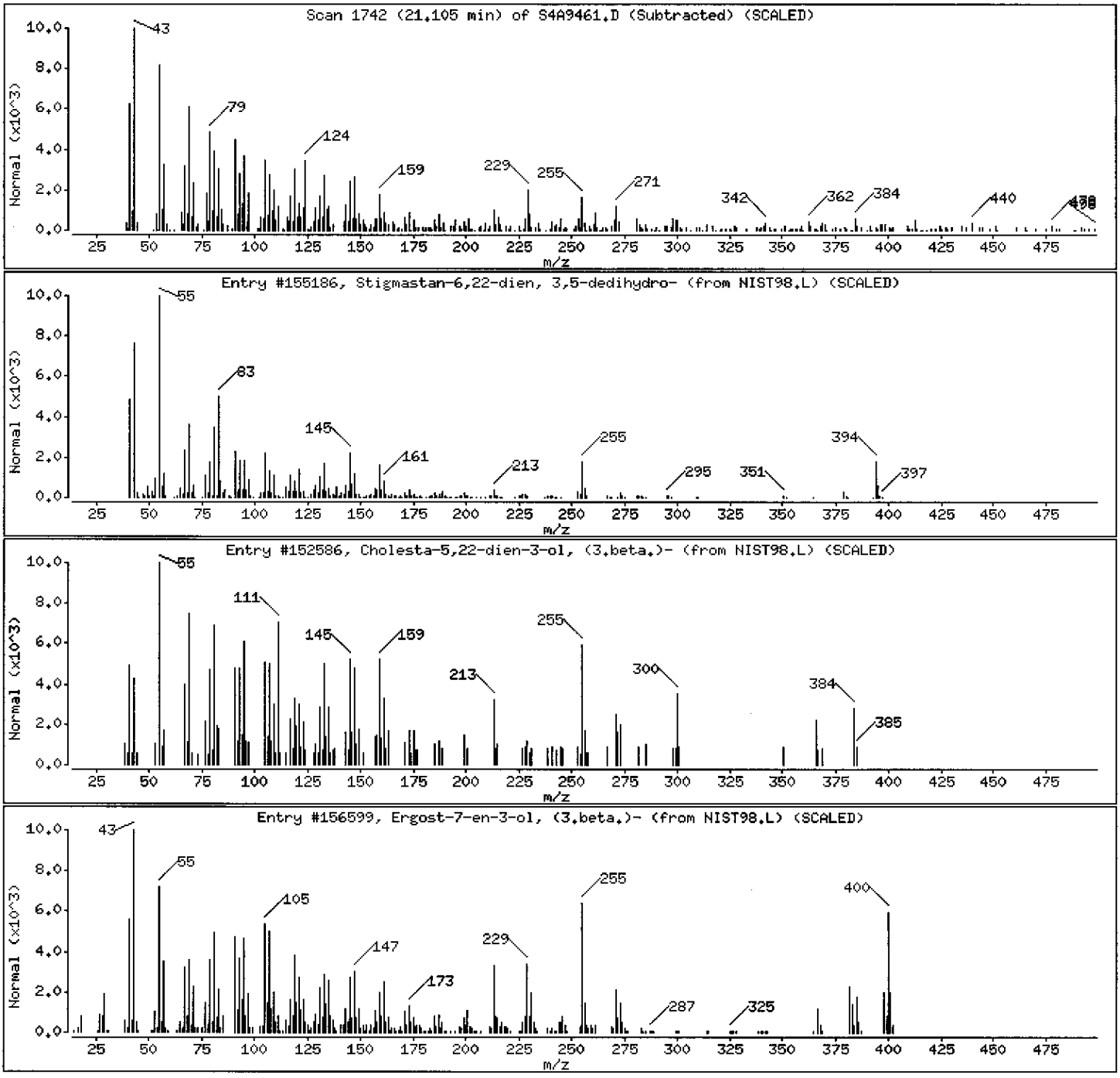
Client ID: SD02-S-D Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Stigmastan-6,22-dien, 3,5-dedihydro-	107304-12-1	NIST98.L	155186	47	C29H46	394
Cholesta-5,22-dien-3-ol, (3.beta.)-	34347-28-9	NIST98.L	152586	45	C27H440	384
Ergost-7-en-3-ol, (3.beta.)-	26047-31-4	NIST98.L	156599	43	C28H480	400



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

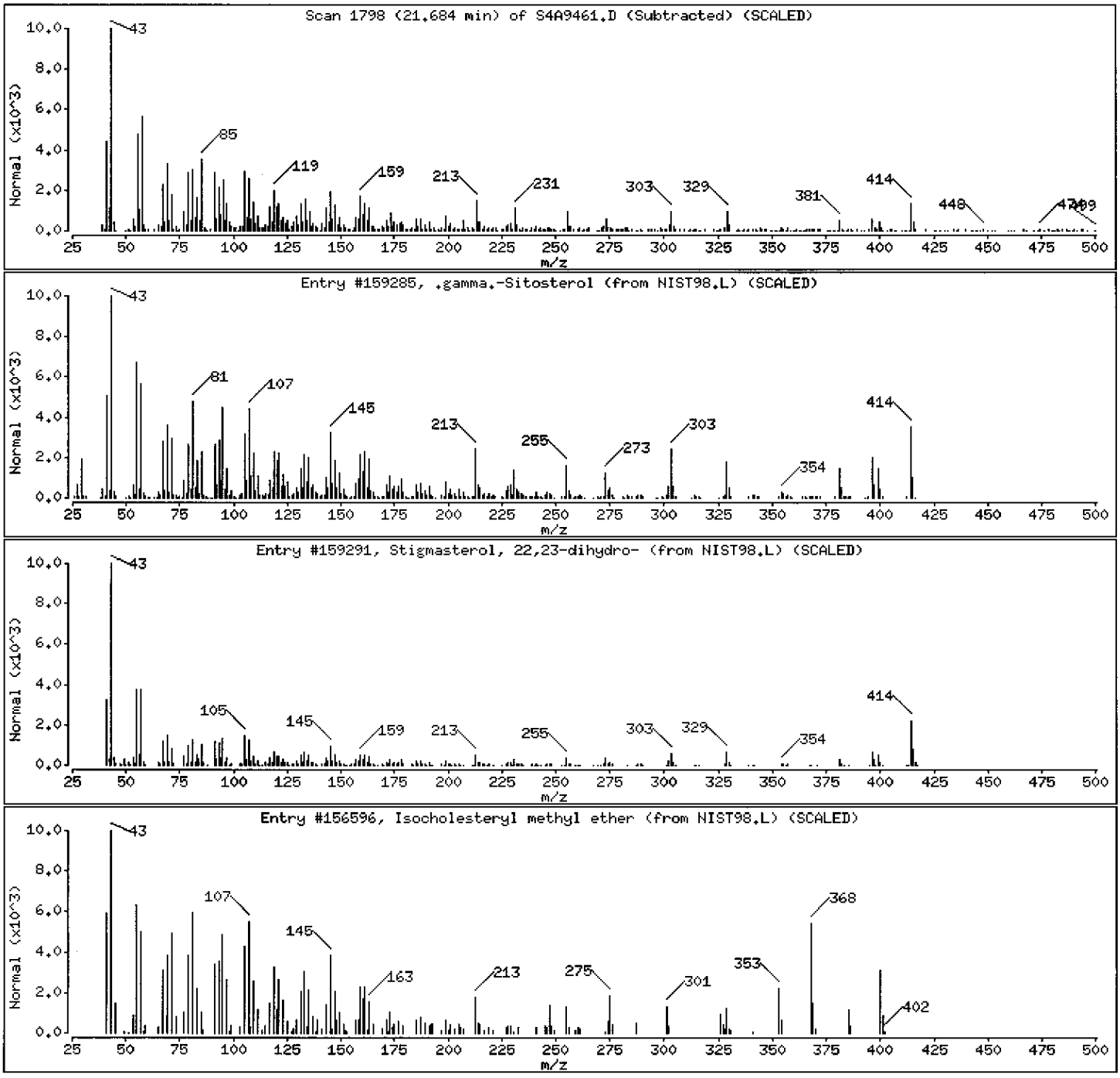
Client ID: SD02-S-D Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.gamma.-Sitosterol	83-47-6	NIST98.L	159285	96	C29H500	414
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST98.L	159291	91	C29H500	414
Isocholesteryl methyl ether	29944-53-4	NIST98.L	156596	89	C28H480	400



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

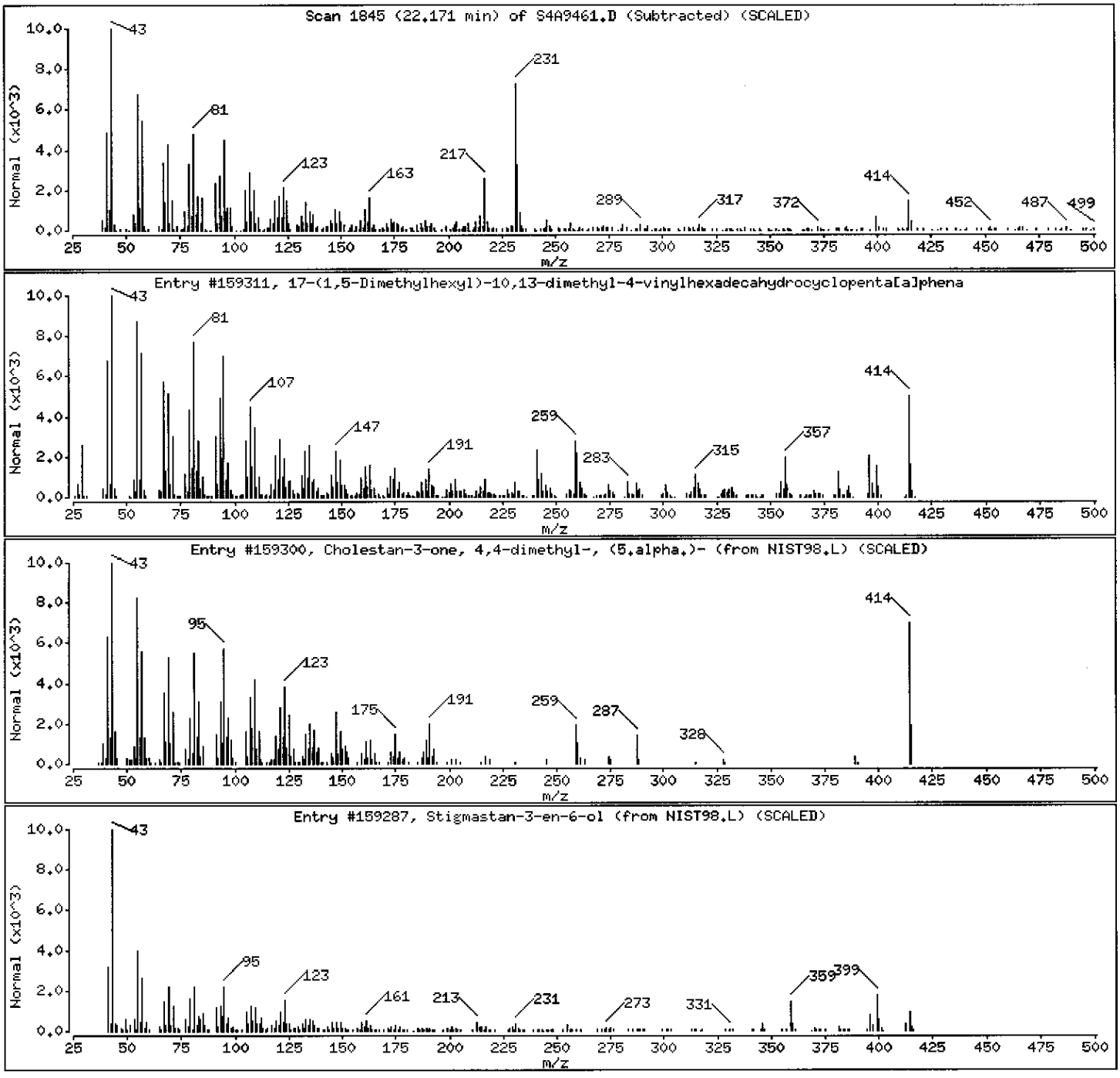
Client ID: SD02-S-D Instrument: S4.i

Sample Info: D0926-03A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
17-(1,5-Dimethylhexyl)-10,13-dimethyl-4-	1000210-86-9	NIST98.L	159311	58	C29H500	414
Cholestan-3-one, 4,4-dimethyl-, (5.alpha	2097-85-0	NIST98.L	159300	55	C29H500	414
Stigmastan-3-en-6-ol	1000214-19-7	NIST98.L	159287	46	C29H500	414



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

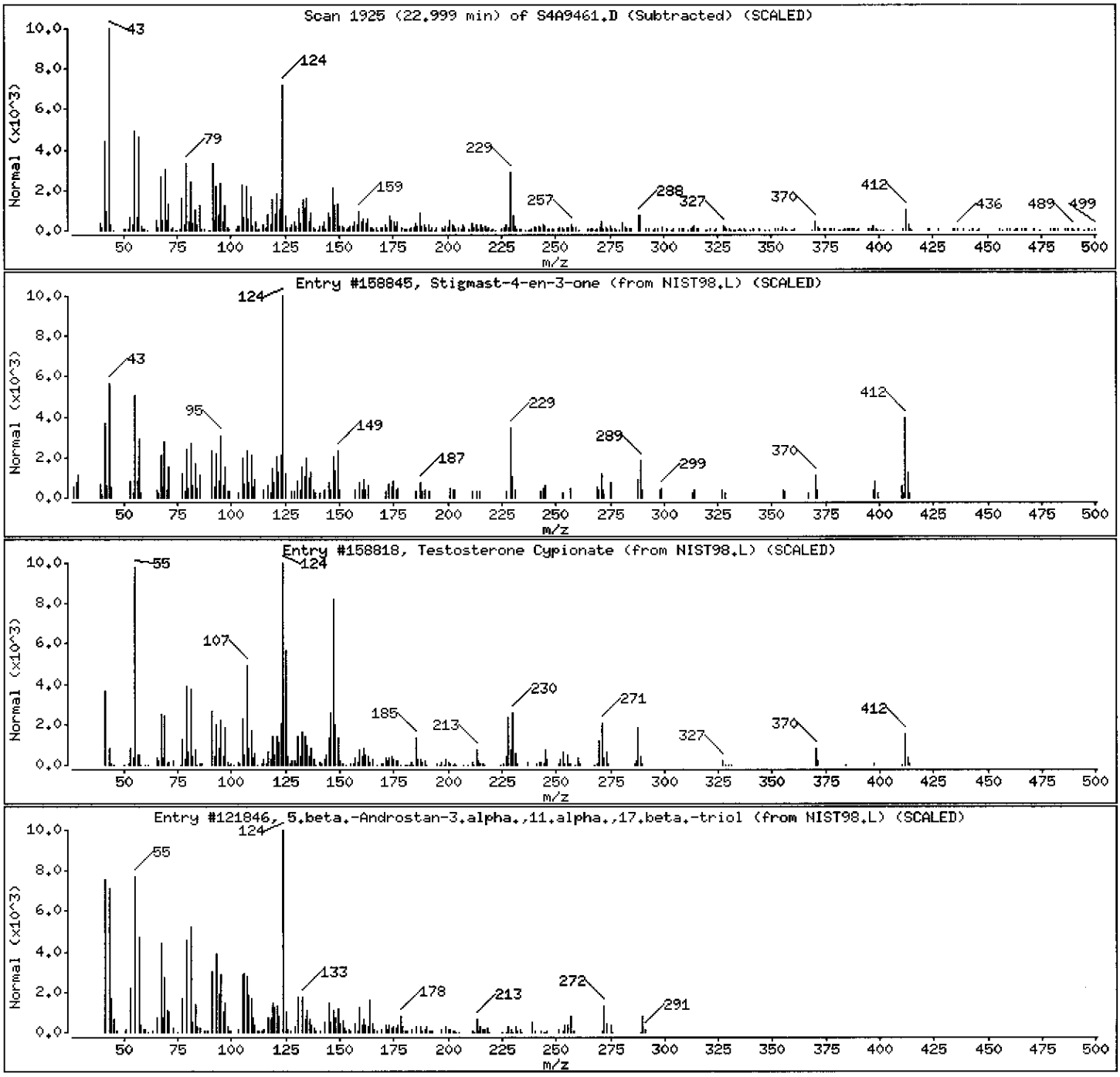
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Stigmast-4-en-3-one	1058-61-3	NIST98.L	158845	96	C29H480	412
Testosterone Cypionate	58-20-8	NIST98.L	158818	49	C27H4003	412
5.beta.-Androstan-3.alpha.,11.alpha.,17.	32212-61-6	NIST98.L	121846	49	C19H3203	308



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9461.D

Date : 25-AUG-2005 15:37

Client ID: SD02-S-D

Instrument: S4.i

Sample Info: D0926-03A,,19468,,

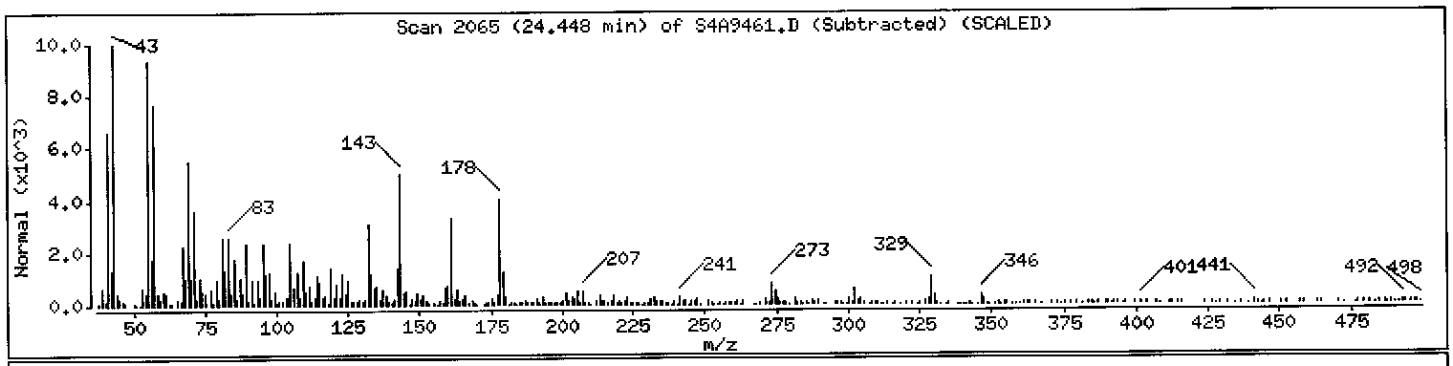
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SD02-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02A

Sample wt/vol: 30.0(g/mL) G Lab File ID: S4A9462

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 79 Decanted: (Y/N)N Date Extracted: 08/12/05

Concentrated Extract Volume: 500(uL) Date Analyzed: 08/25/05

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1600	U
108-95-2	Phenol	1600	U
111-44-4	bis(2-Chloroethyl)Ether	1600	U
95-57-8	2-Chlorophenol	1600	U
95-48-7	2-Methylphenol	1600	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1600	U
98-86-2	Acetophenone	1600	U
106-44-5	4-Methylphenol	1600	U
621-64-7	N-Nitroso-di-n-propylamine	1600	U
67-72-1	Hexachloroethane	1600	U
98-95-3	Nitrobenzene	1600	U
78-59-1	Isophorone	1600	U
88-75-5	2-Nitrophenol	1600	U
105-67-9	2,4-Dimethylphenol	1600	U
111-91-1	bis(2-Chloroethoxy)methane	1600	U
120-83-2	2,4-Dichlorophenol	1600	U
91-20-3	Naphthalene	210	J
106-47-8	4-Chloroaniline	1600	U
87-68-3	Hexachlorobutadiene	1600	U
105-60-2	Caprolactam	1600	U
59-50-7	4-Chloro-3-Methylphenol	1600	U
91-57-6	2-Methylnaphthalene	1600	U
77-47-4	Hexachlorocyclopentadiene	1600	U
88-06-2	2,4,6-Trichlorophenol	1600	U
95-95-4	2,4,5-Trichlorophenol	4000	U
92-52-4	1,1'-Biphenyl	1600	U
91-58-7	2-Chloronaphthalene	1600	U
88-74-4	2-Nitroaniline	4000	U
131-11-3	Dimethylphthalate	1600	U
606-20-2	2,6-Dinitrotoluene	1600	U
208-96-8	Acenaphthylene	930	J
99-09-2	3-Nitroaniline	4000	U
83-32-9	Acenaphthene	170	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9462

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 79 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	4000	U
100-02-7	4-Nitrophenol	4000	U
132-64-9	Dibenzofuran	270	J
121-14-2	2,4-Dinitrotoluene	1600	U
84-66-2	Diethylphthalate	1600	U
86-73-7	Fluorene	310	J
7005-72-3	4-Chlorophenyl-phenylether	1600	U
100-01-6	4-Nitroaniline	4000	U
534-52-1	4,6-Dinitro-2-methylphenol	4000	U
86-30-6	N-Nitrosodiphenylamine (1)	1600	U
101-55-3	4-Bromophenyl-phenylether	1600	U
118-74-1	Hexachlorobenzene	1600	U
1912-24-9	Atrazine	1600	U
87-86-5	Pentachlorophenol	4000	U
85-01-8	Phenanthrene	13000	E
120-12-7	Anthracene	640	J
86-74-8	Carbazole	1600	
84-74-2	Di-n-butylphthalate	1600	U
206-44-0	Fluoranthene	36000	E
129-00-0	Pyrene	17000	E
85-68-7	Butylbenzylphthalate	1600	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
56-55-3	Benzo(a)anthracene	4000	
218-01-9	Chrysene	16000	E
117-81-7	bis(2-Ethylhexyl)phthalate	900	JB
117-84-0	Di-n-octylphthalate	1600	U
205-99-2	Benzo(b)fluoranthene	25000	E
207-08-9	Benzo(k)fluoranthene	5900	
50-32-8	Benzo(a)pyrene	9300	
193-39-5	Indeno(1,2,3-cd)pyrene	7300	
53-70-3	Dibenzo(a,h)anthracene	1800	
191-24-2	Benzo(g,h,i)perylene	8300	

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD02-S-O

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9462

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 79 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

Number TICs found: 30

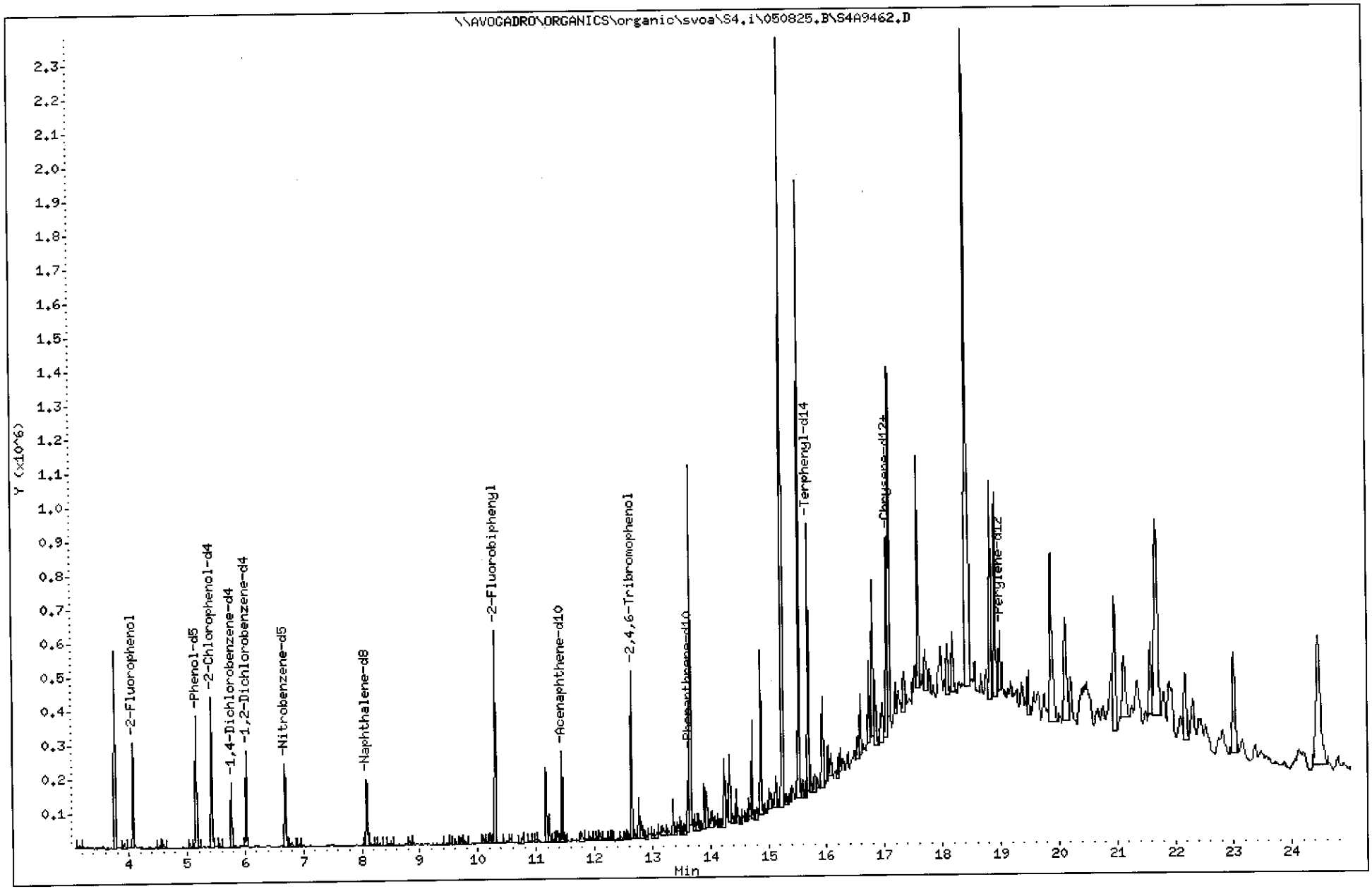
CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	112-42-5	1-UNDECANOL	11.17	3500	NJ
2.	3076-04-8	2-PROPENOIC ACID, TRIDECYL E	12.77	970	NJ
3.		UNKNOWN	12.82	650	J
4.	486-25-9	9H-FLUOREN-9-ONE	13.35	1100	NJ
5.		UNKNOWN	13.79	570	J
6.	1089-40-3	1,2-DIOCTYLCYCLOPROPENE	13.89	1400	NJ
7.		UNKNOWN	14.03	800	J
8.		UNKNOWN	14.24	2400	J
9.	6109-24-6	1A,9B-DIHYDRO-1H-CYCLOPROPA[	14.33	2200	NJ
10.	203-64-5	4H-CYCLOPENTA[DEF]PHENANTHRE	14.45	1100	NJ
11.	230-17-1	BENZO[C]CINNOLINE	14.72	3000	NJ
12.		UNKNOWN	14.87	4000	J
13.		UNKNOWN	15.02	850	J
14.		UNKNOWN	15.13	1300	J
15.	243-17-4	11H-BENZO[B]FLUORENE	15.94	1400	NJ
16.	479-79-8	11H-BENZO[A]FLUOREN-11-ONE	16.59	510	NJ
17.	239-35-0	BENZO[B]NAPHTHO[2,1-D]THIOPH	16.74	800	NJ
18.	479-79-8	11H-BENZO[A]FLUOREN-11-ONE	16.86	770	NJ
19.		UNKNOWN	17.34	620	J
20.		UNKNOWN	17.71	760	J
21.	111-02-4	2,6,10,14,18,22-TETRACOSAHEX	18.08	4000	NJ
22.	1000155-85-0	BICYCLO[10.8.0]EICOSANE, (E)	18.18	4100	NJ
23.	192-97-2	BENZO[E]PYRENE	18.84	13000	NJ
24.	59-02-9	VITAMIN E	19.88	19000	NJ
25.	1000210-38-4	17-(1,5-DIMETHYLHEXYL)-10,13	20.12	13000	NJ
26.		UNKNOWN	21.12	8100	J
27.	83-46-5	.BETA.-SITOSTEROL	21.68	31000	NJ
28.		UNKNOWN	22.18	7600	J
29.		UNKNOWN	23.01	12000	J
30.		UNKNOWN	24.47	25000	JB

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D
Date : 25-AUG-2005 16:10
Client ID: SD02-S-0
Sample Info: D0926-02A,,19468,,
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S4.i

Operator: AW SRC: LIMS
Column diameter: 0.25



Data File: S4A9462.D
Report Date: 31-Aug-2005 16:28

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D
Lab Smp Id: D0926-02A Client Smp ID: SD02-S-O
Inj Date : 25-AUG-2005 16:10
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-02A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D
Als bottle: 32
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	79.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	4.068	4.048	(0.706)	76553	97.7174	7800
$	3 Phenol-d5	99	5.155	5.135	(0.894)	131334	112.130	8900
$	6 2-Chlorophenol-d4	132	5.424	5.414	(0.941)	113864	117.345	9300
*	8 1,4-Dichlorobenzene-d4	152	5.766	5.755	(1.000)	29713	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	6.014	6.004	(1.043)	45316	64.3411	5100
$	16 Nitrobenzene-d5	82	6.687	6.677	(0.827)	112181	74.1361	5900
*	23 Naphthalene-d8	136	8.084	8.074	(1.000)	128538	40.0000	
	24 Naphthalene	128	8.136	8.115	(1.006)	8657	2.67192	210(a)
$	33 2-Fluorobiphenyl	172	10.299	10.289	(0.900)	217680	92.2011	7300
	39 Acenaphthylene	152	11.220	11.210	(0.980)	35103	11.7453	930(a)
*	41 Acenaphthene-d10	164	11.448	11.438	(1.000)	66300	40.0000	
	42 Acenaphthene	153	11.500	11.490	(1.005)	4101	2.12210	170(a)
	45 Dibenzofuran	168	11.769	11.759	(1.028)	9621	3.45989	270(a)

Data File: S4A9462.D
Report Date: 31-Aug-2005 16:28

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
	48 Fluorene	166	12.297	12.276	(1.074)	9752	3.84652	310(a)
$	53 2,4,6-Tribromophenol	330	12.649	12.628	(0.929)	42985	181.572	14000(A)
*	58 Phenanthrene-d10	188	13.622	13.611	(1.000)	90184	40.0000	
	59 Phenanthrene	178	13.663	13.642	(1.003)	433804	163.496	13000(A)
	60 Anthracene	178	13.725	13.715	(1.008)	19945	8.03307	640(a)
	61 Carbazole	167	13.943	13.922	(1.024)	46570	20.6838	1600
	63 Fluoranthene	202	15.236	15.216	(1.119)	1201400	455.909	36000(A)
	64 Pyrene	202	15.536	15.505	(0.911)	774157	220.048	17000(A)
$	65 Terphenyl-d14	244	15.692	15.671	(0.920)	200064	77.5539	6200
	68 Benzo(a)anthracene	228	17.048	17.017	(0.999)	157838	50.7290	4000
*	69 Chrysene-d12	240	17.058	17.027	(1.000)	100485	40.0000	
	70 Chrysene	228	17.099	17.068	(1.002)	578429	199.804	16000(A)
	71 bis(2-Ethylhexyl)phthalate	149	16.975	16.954	(0.995)	28534	11.3402	900(a)
	73 Benzo(b)fluoranthene	252	18.435	18.372	(0.971)	956317	320.278	25000(AM)
	74 Benzo(k)fluoranthene	252	18.455	18.414	(0.972)	230078	74.1727	5900(QM)
	75 Benzo(a)pyrene	252	18.921	18.859	(0.996)	287338	117.619	9300
*	76 Perylene-d12	264	18.993	18.942	(1.000)	79836	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	20.970	20.877	(1.104)	266456	91.9305	7300
	78 Dibenzo(a,h)anthracene	278	20.970	20.877	(1.104)	56276	22.5574	1800
	79 Benzo(g,h,i)perylene	276	21.581	21.457	(1.136)	229922	104.856	8300

) MZ
08/31/05
AL

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

08/31/05
AL

Data File: S4A9462.D
Report Date: 31-Aug-2005 16:28

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D
Lab Smp Id: D0926-02A Client Smp ID: SD02-S-O
Inj Date : 25-AUG-2005 16:10
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-02A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D
Als bottle: 32
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	79.000	% Moisture

	ISTD	RT	AREA	AMOUNT
*	41 Acenaphthene-d10	11.448	326003	40.000
*	58 Phenanthrene-d10	13.622	433792	40.000
*	69 Chrysene-d12	17.058	1323772	40.000
*	76 Perylene-d12	18.993	254452	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9462.D
Report Date: 31-Aug-2005 16:28

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
1-Undecanol				CAS #: 112-42-5			
11.169	362792	44.5139462	3500	91	NIST98.L	37465	41
2-Propenoic acid, tridecyl ester				CAS #: 3076-04-8			
12.773	133027	12.2664318	970	87	NIST98.L	90894	58
Unknown				CAS #:			
12.825	88191	8.13210018	650	0		0	58
9H-Fluoren-9-one				CAS #: 486-25-9			
13.353	143626	13.2437666	1100	91	NIST98.L	42766	58
Unknown				CAS #:			
13.787	78440	7.23295958	570	0		0	58
1,2-Dioctylcyclopropene				CAS #: 1089-40-3			
13.891	189229	17.4488234	1400	86	NIST98.L	96973	58
Unknown				CAS #:			
14.025	108633	10.0170589	800	0		0	58
Unknown				CAS #:			
14.243	321343	29.6310674	2400	0		0	58
1a,9b-Dihydro-1H-cyclopropa[a]anthracene				CAS #: 6109-24-6			
14.325	294921	27.1946924	2200	94	NIST98.L	50638	58
4H-Cyclopenta[def]phenanthrene				CAS #: 203-64-5			
14.450	152181	14.0326239	1100	91	NIST98.L	49337	58
Benzo[c]cinnoline				CAS #: 230-17-1			
14.719	405667	37.4065912	3000	94	NIST98.L	42704	58
Unknown				CAS #:			
14.874	548796	50.6045294	4000	0		0	58
Unknown				CAS #:			
15.019	116109	10.7064215	850	0		0	58
Unknown				CAS #:			
15.133	176393	16.2652147	1300	0		0	58
11H-Benzo[b]fluorene				CAS #: 243-17-4			
15.940	563591	17.0298511	1400	93	NIST98.L	67030	69

Data File: S4A9462.D
Report Date: 31-Aug-2005 16:28

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
11H-Benzo[a]fluoren-11-one				CAS #: 479-79-8			
16.592	210702	6.36671572	510	93	NIST98.L	76451	69
Benzo[b]naphtho[2,1-d]thiophene				CAS #: 239-35-0			
16.737	333332	10.0721877	800	87	NIST98.L	78652	69
Branched Alkane				CAS #:			
16.799	689136	20.8234046	1700	0		0	69
11H-Benzo[a]fluoren-11-one				CAS #: 479-79-8			
16.861	320303	9.67849448	770	96	NIST98.L	76451	69
Unknown				CAS #:			
17.337	260147	7.86077965	620	0		0	69
Straight-Chain Alkane				CAS #:			
17.586	1217049	36.7751849	2900	0		0	69
Unknown				CAS #:			
17.710	318783	9.63256512	760	0		0	69
2,6,10,14,18,22-Tetracosahexaene, 2,6,10				CAS #: 111-02-4			
18.083	323298	50.8226306	4000	90	NIST98.L	158520	76
Bicyclo[10.8.0]eicosane, (E)-				CAS #: 1000155-85-0			
18.176	326516	51.3285020	4100	93	NIST98.L	105309	76
Benzo[e]pyrene				CAS #: 192-97-2			
18.838	1078329	169.513936	13000	96	NIST98.L	89816	76
Straight-Chain Alkane				CAS #:			
19.480	286406	45.0231871	3600	0		0	76
Vitamin E				CAS #: 59-02-9			
19.884	1558938	245.065946	19000	93	NIST98.L	161941	76
17-(1,5-Dimethylhexyl)-10,13-dimethyl-2,				CAS #: 1000210-38-4			
20.122	1068318	167.940201	13000	97	NIST98.L	153226	76
Unknown				CAS #:			
21.115	652997	102.651502	8100	0		0	76
.beta.-Sitosterol				CAS #: 83-46-5			
21.684	2446365	384.569978	31000	95	NIST98.L	159283	76

Data File: S4A9462.D
Report Date: 31-Aug-2005 16:28

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
22.181	610128	95.9124707	7600	0		0	76
Unknown				CAS #:			
23.009	987699	155.266848	12000	0		0	76
Unknown				CAS #:			
24.469	1973531	310.240202	25000	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

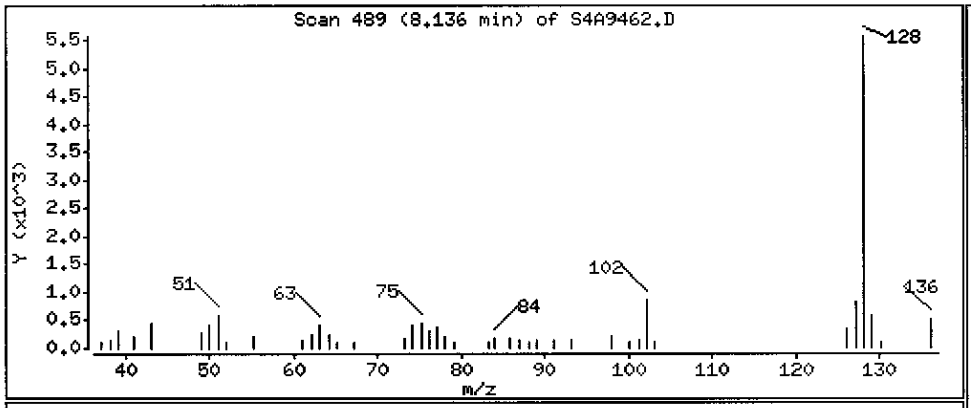
Client ID: SD02-S-0 Instrument: S4.i

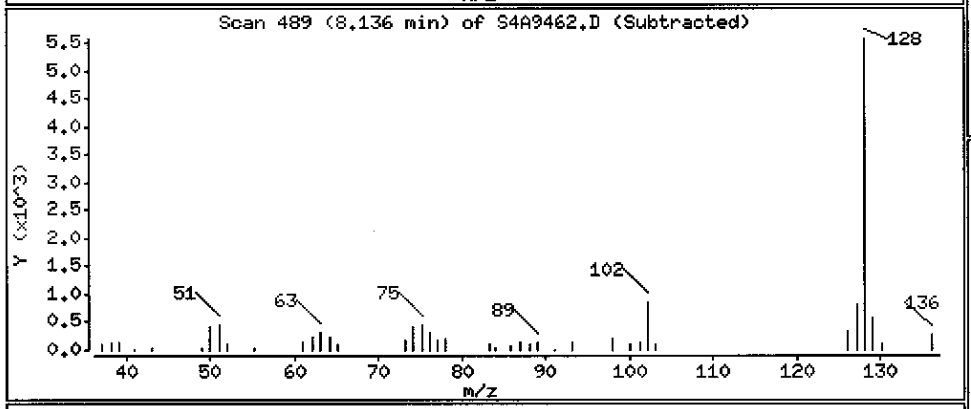
Sample Info: D0926-02A,,19468,,

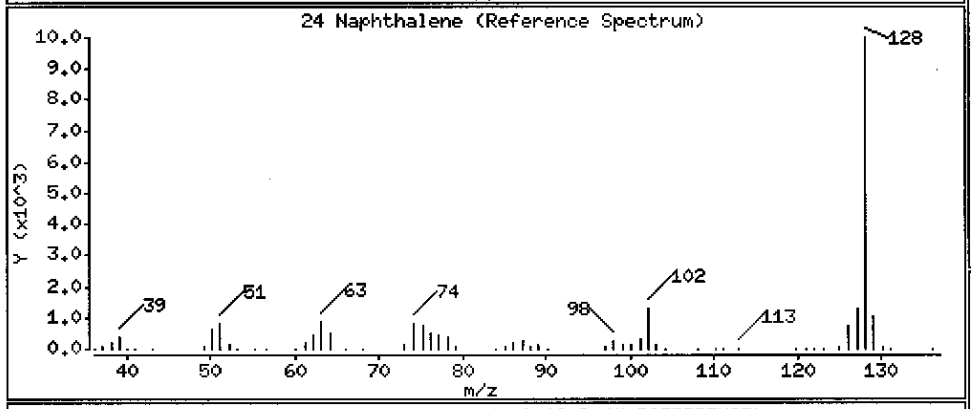
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

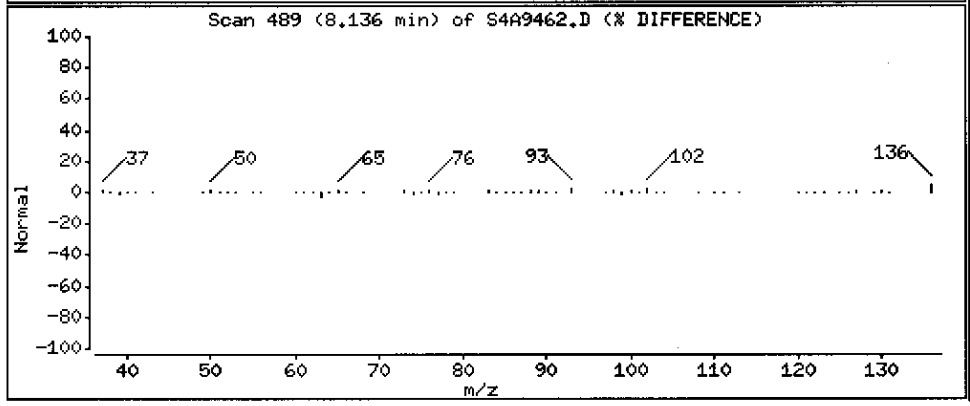
Column phase: DB-5MS Column diameter: 0.25

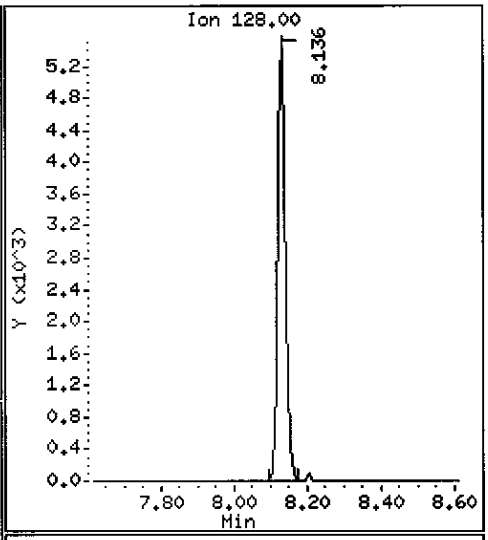
24 Naphthalene Concentration: 210 ug/Kg

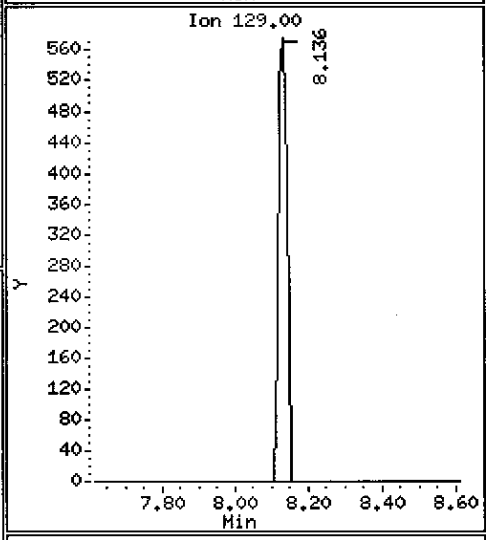


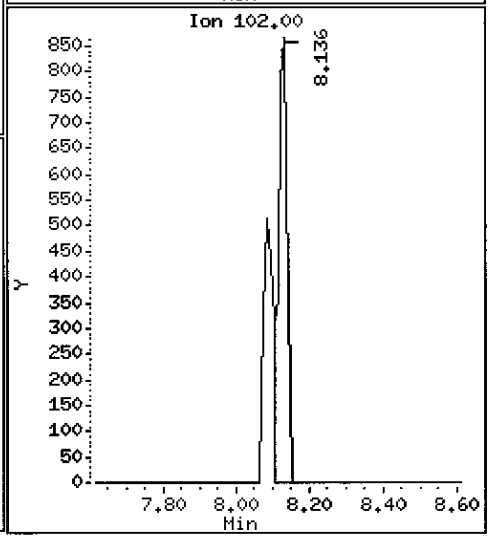












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

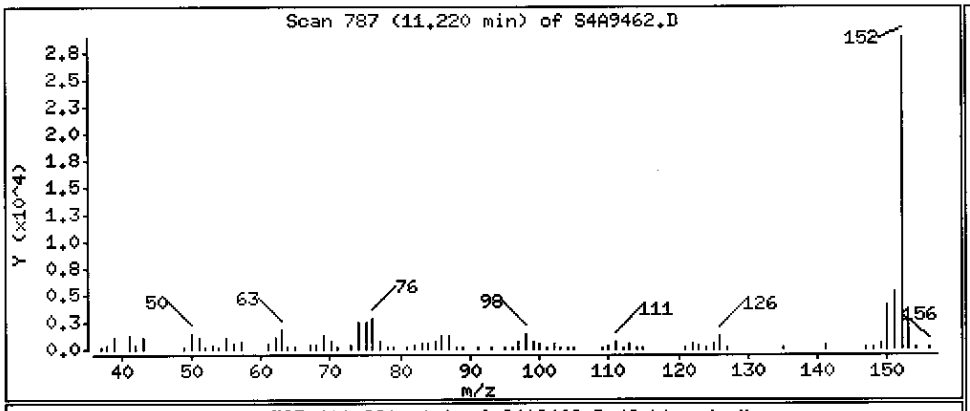
Client ID: SD02-S-0 Instrument: S4.i

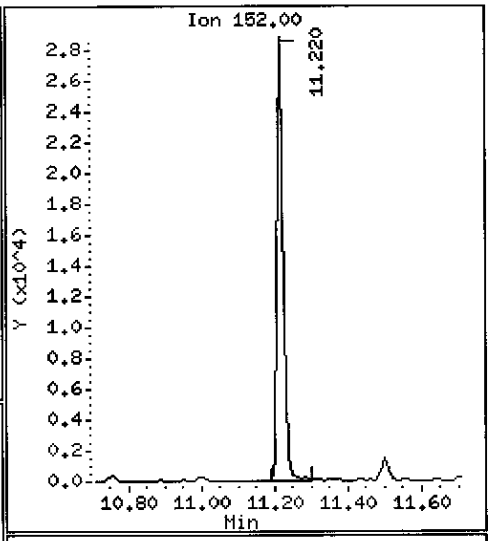
Sample Info: D0926-02A,,19468,,

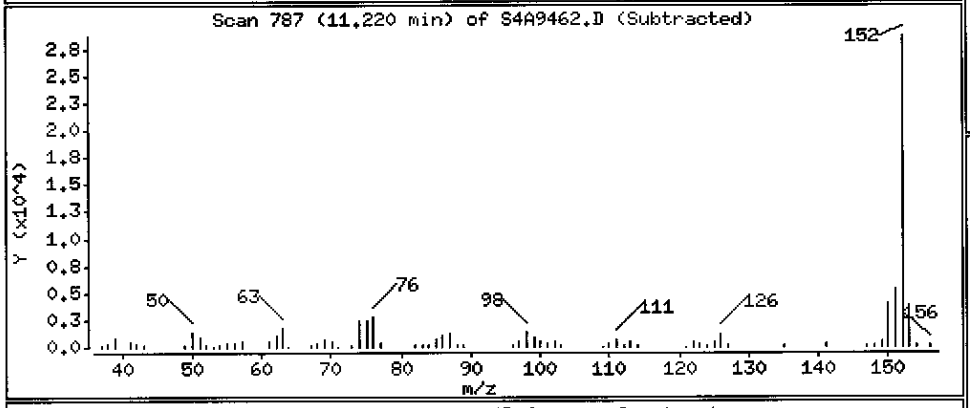
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

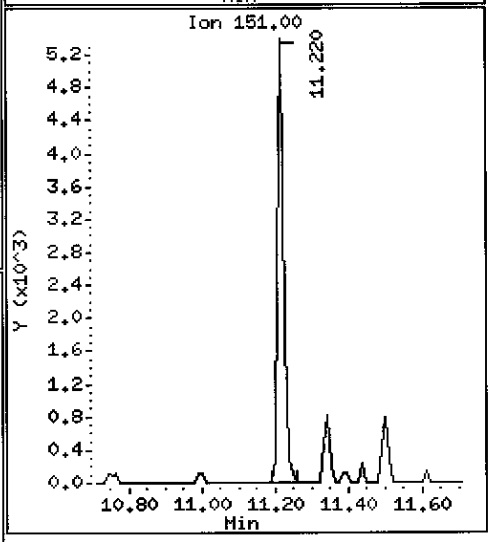
Column phase: DB-5MS Column diameter: 0.25

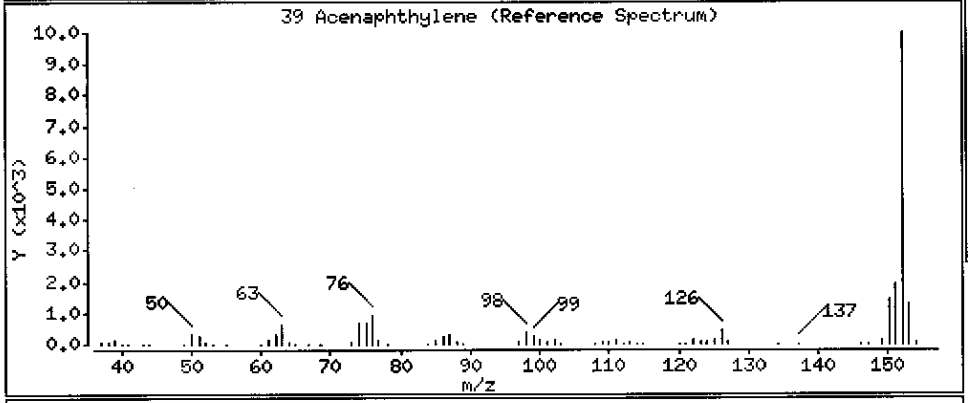
39 Acenaphthylene Concentration: 930 ug/Kg

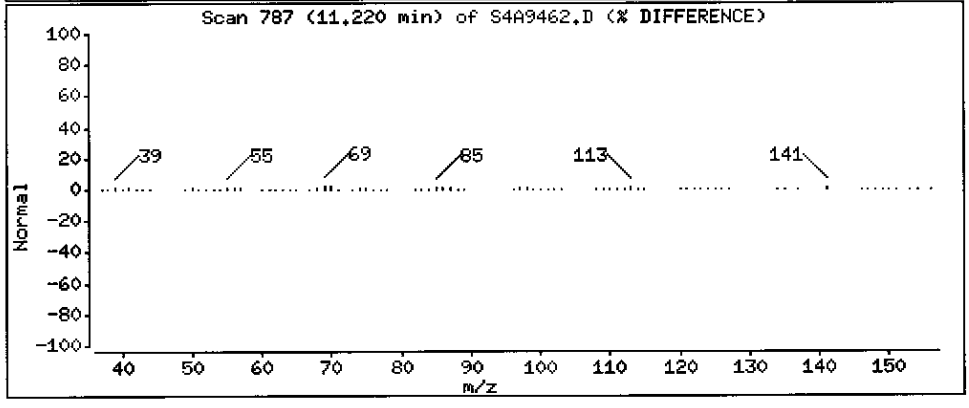












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

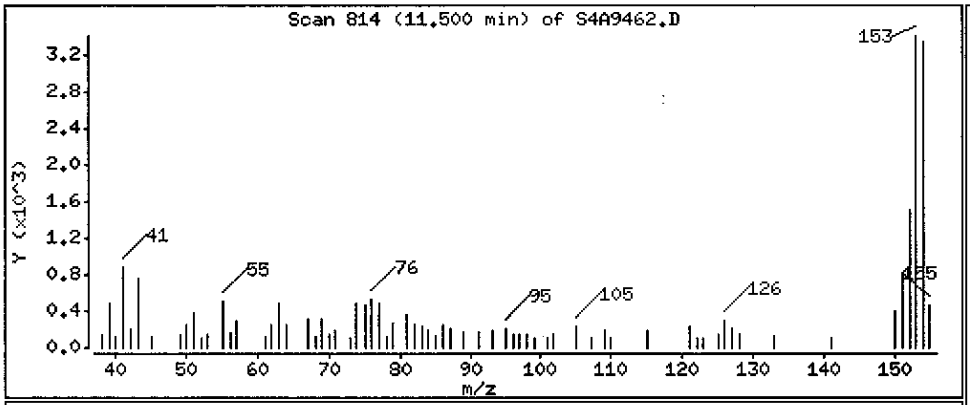
Client ID: SD02-S-0 Instrument: S4.i

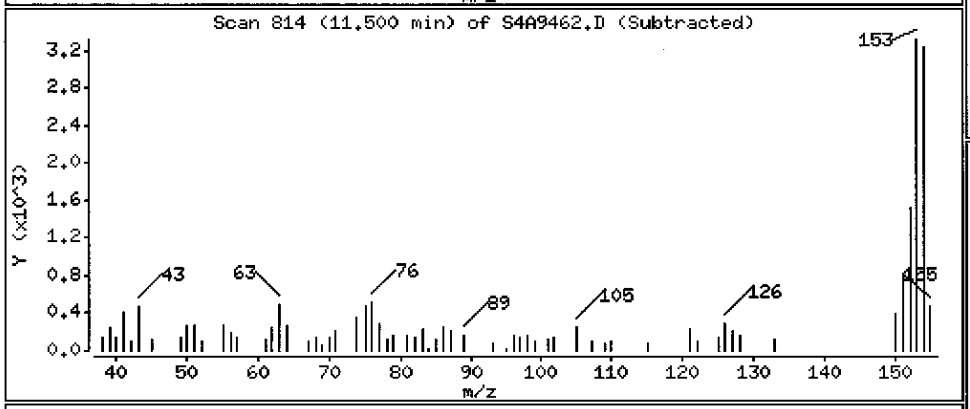
Sample Info: D0926-02A,,19468,,

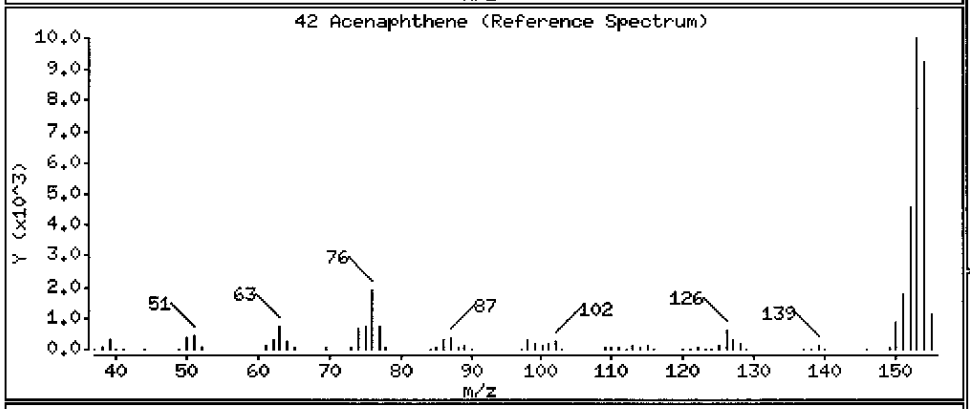
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

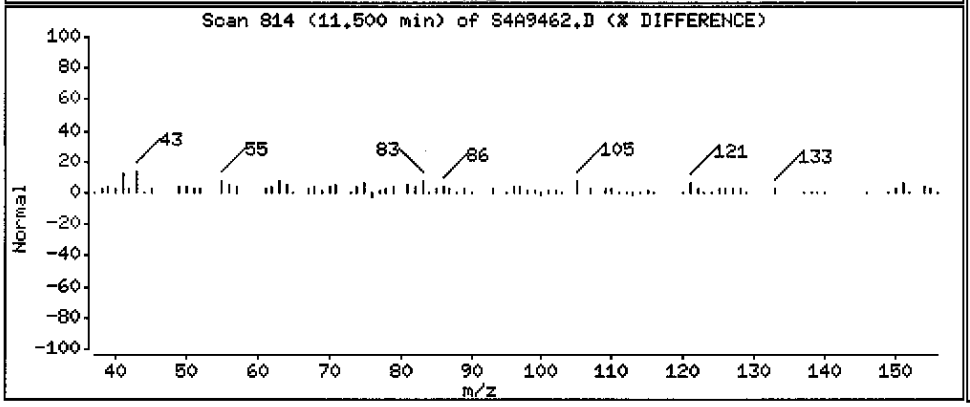
Column phase: DB-5MS Column diameter: 0.25

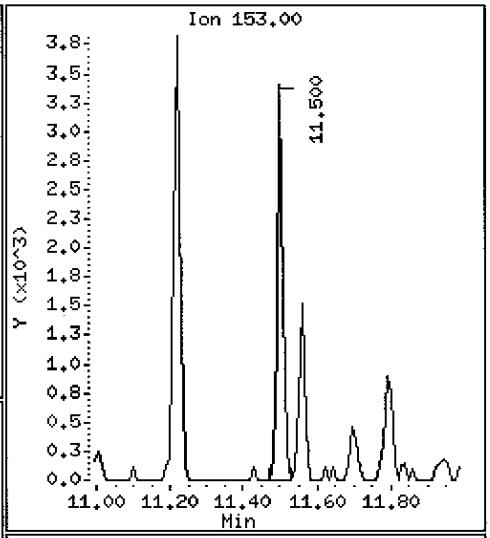
42 Acenaphthene Concentration: 170 ug/Kg

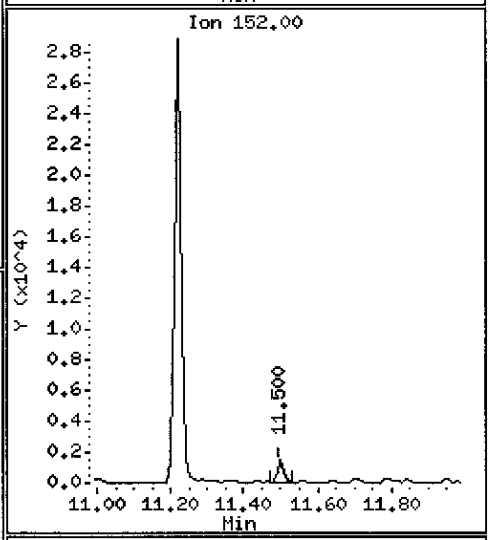


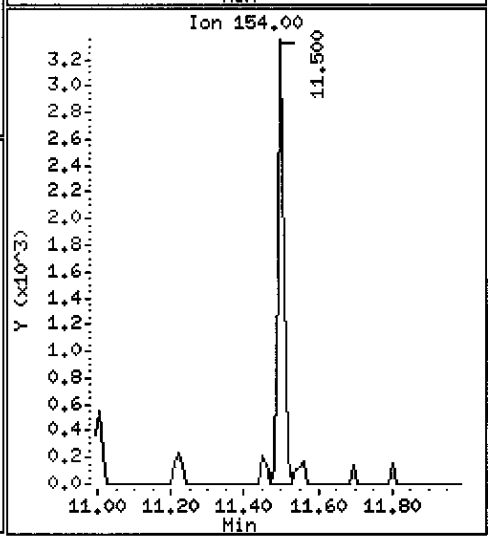












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

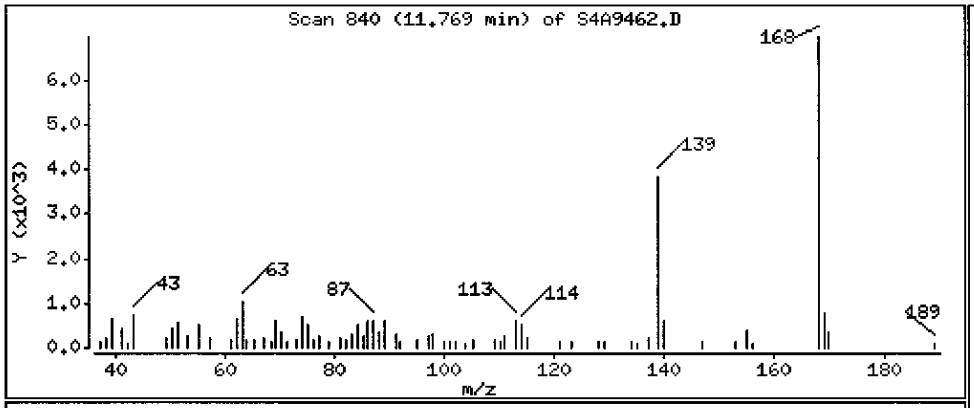
Client ID: SD02-S-0 Instrument: S4.i

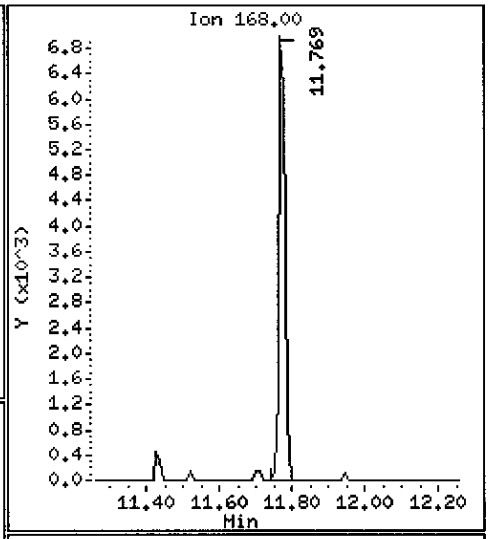
Sample Info: D0926-02A,,19468,,

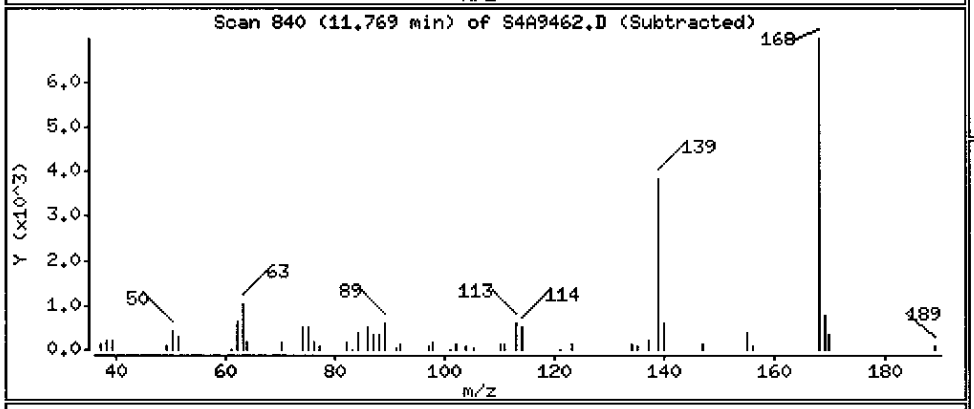
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

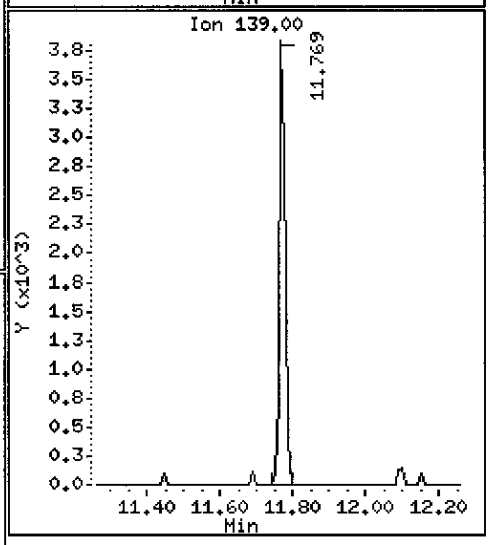
Column phase: DB-5MS Column diameter: 0.25

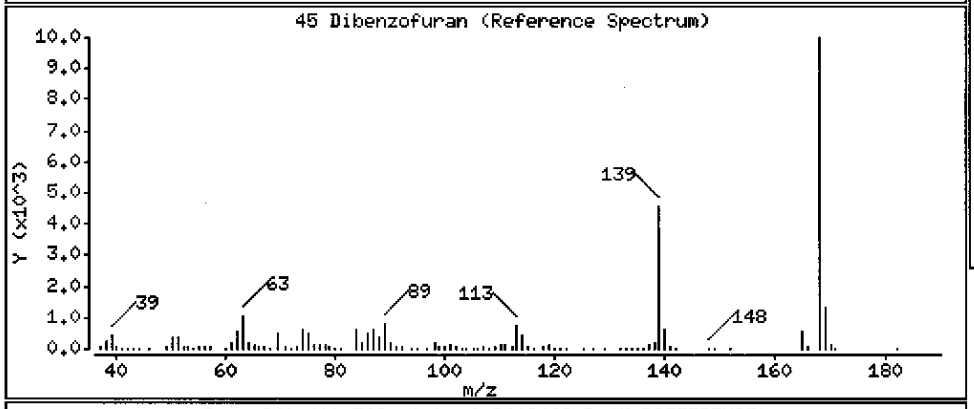
45 Dibenzofuran Concentration: 270 ug/Kg

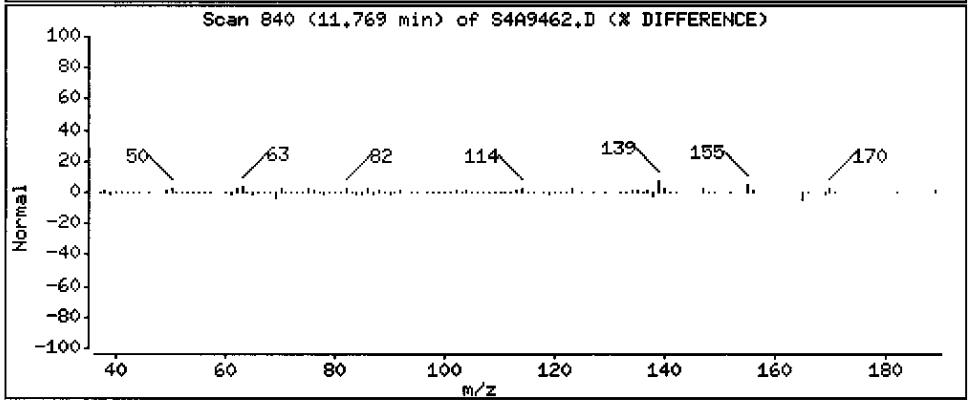












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

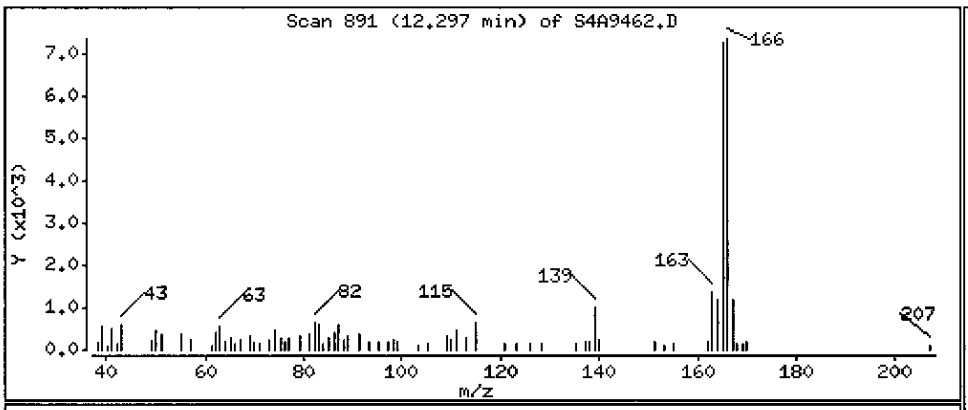
Client ID: SD02-S-0 Instrument: S4.i

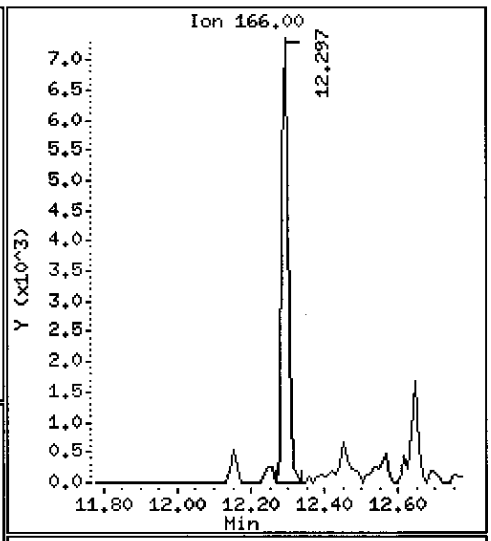
Sample Info: D0926-02A,,19468,,

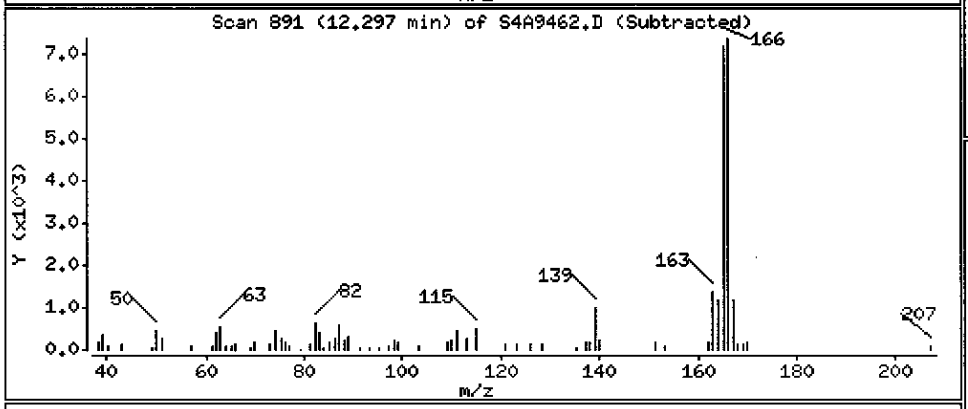
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

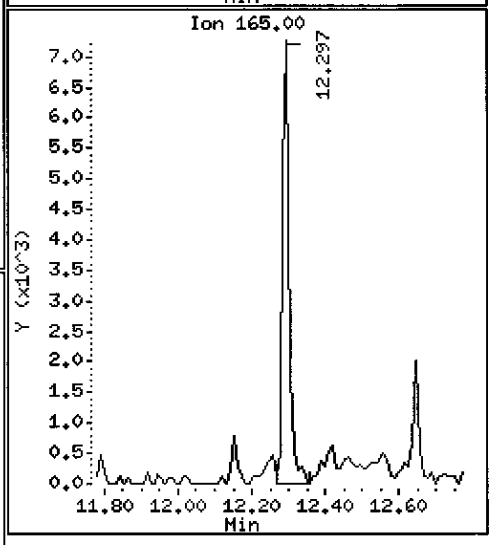
Column phase: DB-5MS Column diameter: 0.25

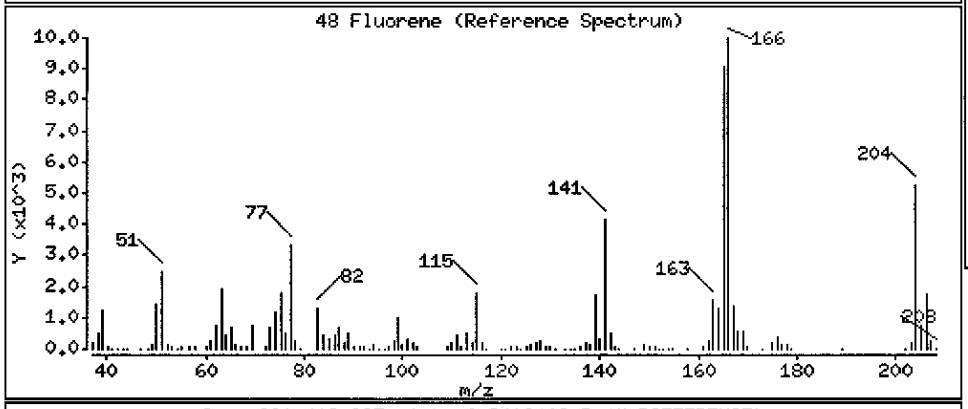
48 Fluorene Concentration: 310 ug/Kg

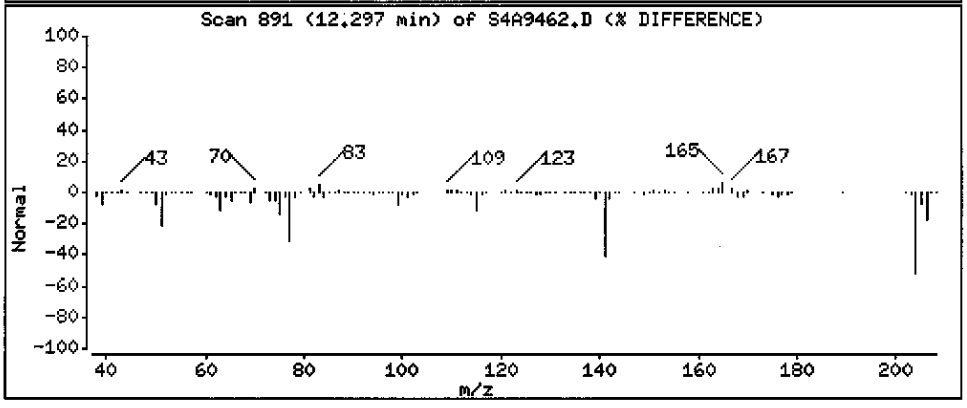












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

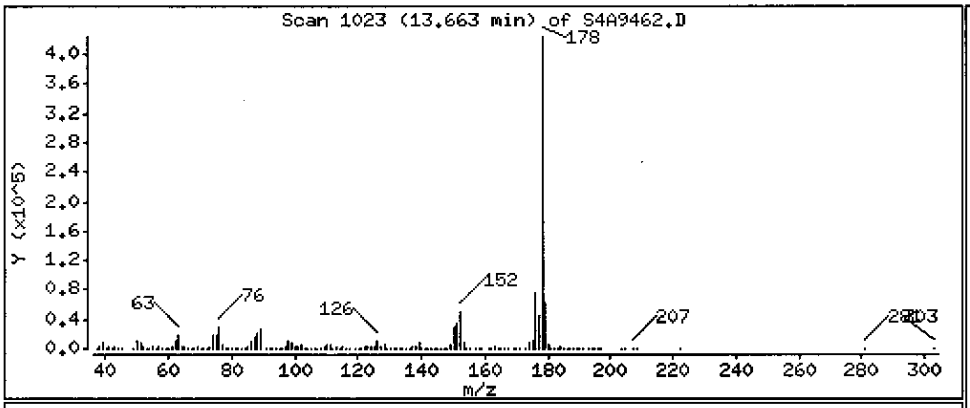
Client ID: SD02-S-0 Instrument: S4.i

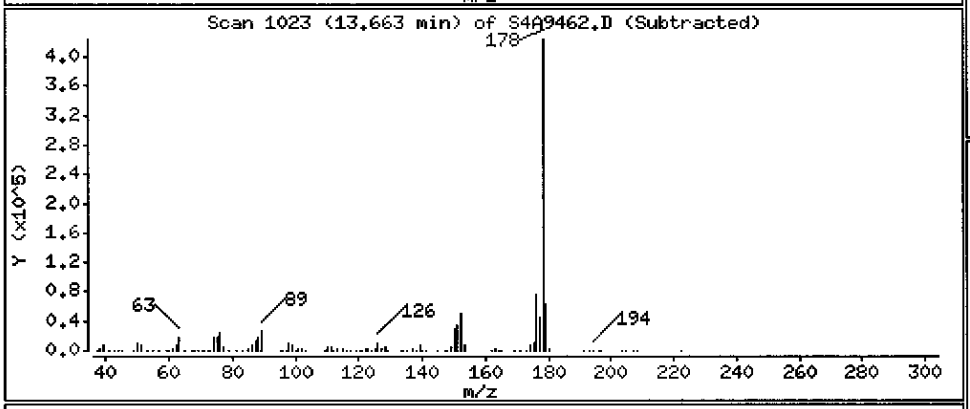
Sample Info: D0926-02A,,19468,,

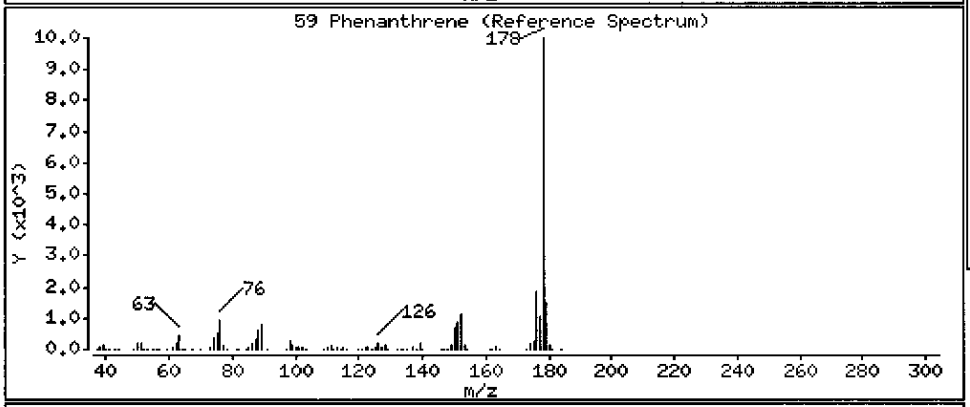
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

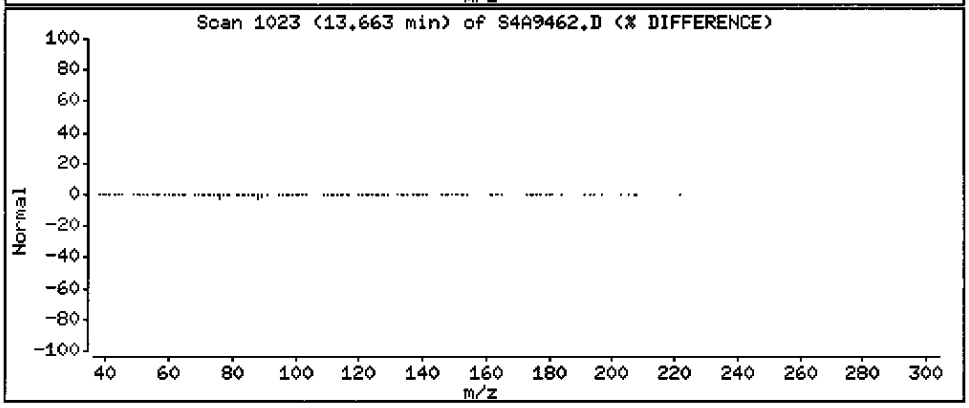
Column phase: DB-5MS Column diameter: 0.25

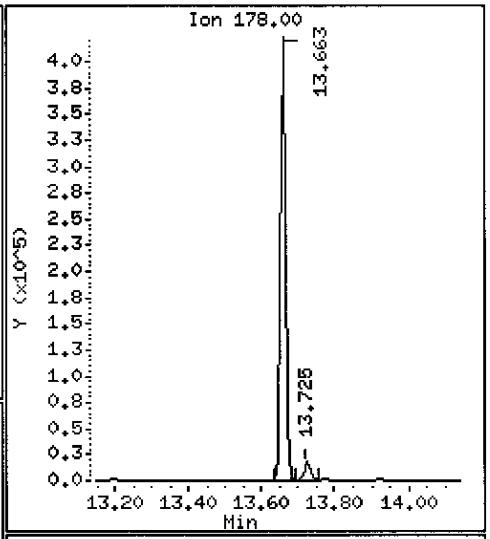
59 Phenanthrene Concentration: 13000 ug/Kg

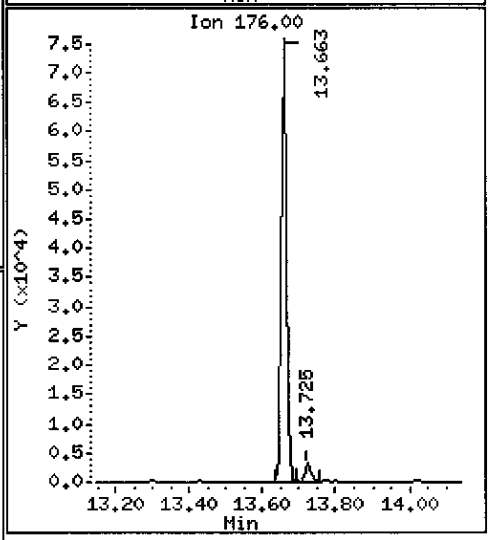












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

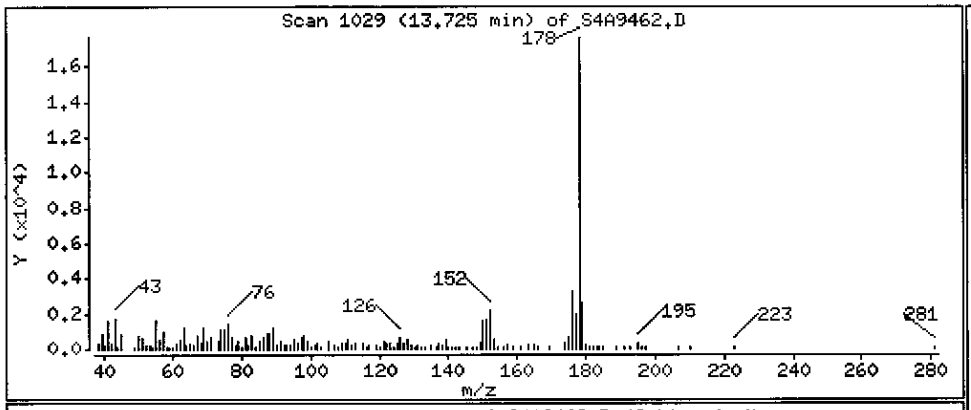
Client ID: SD02-S-0 Instrument: S4.i

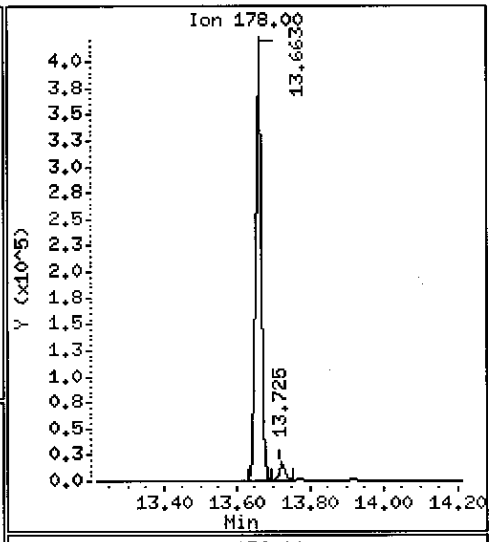
Sample Info: D0926-02A,,19468,,

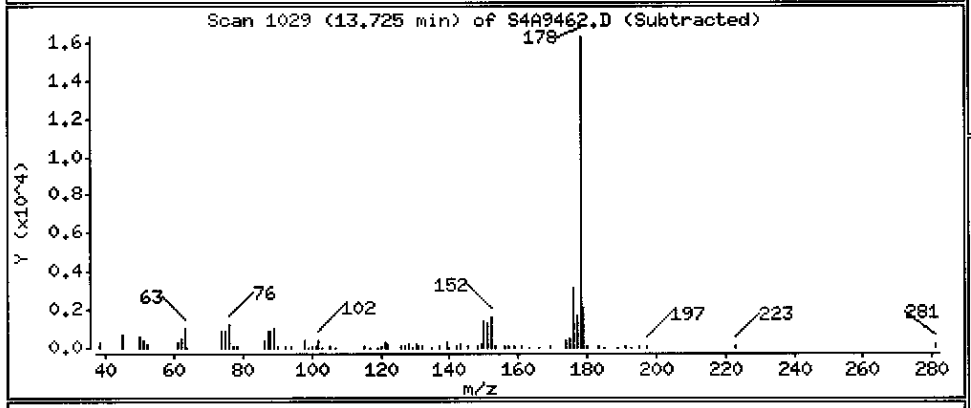
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

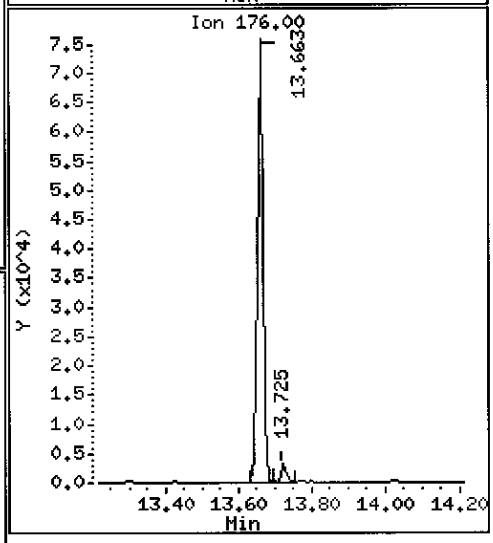
Column phase: DB-5MS Column diameter: 0.25

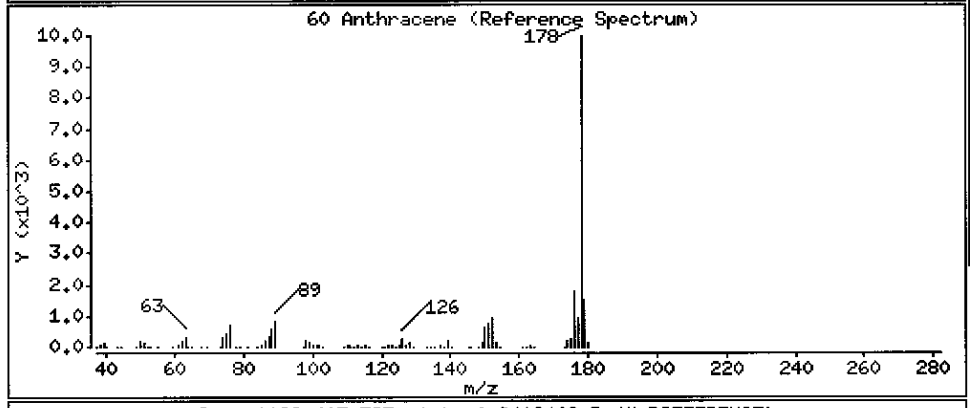
60 Anthracene Concentration: 640 ug/Kg

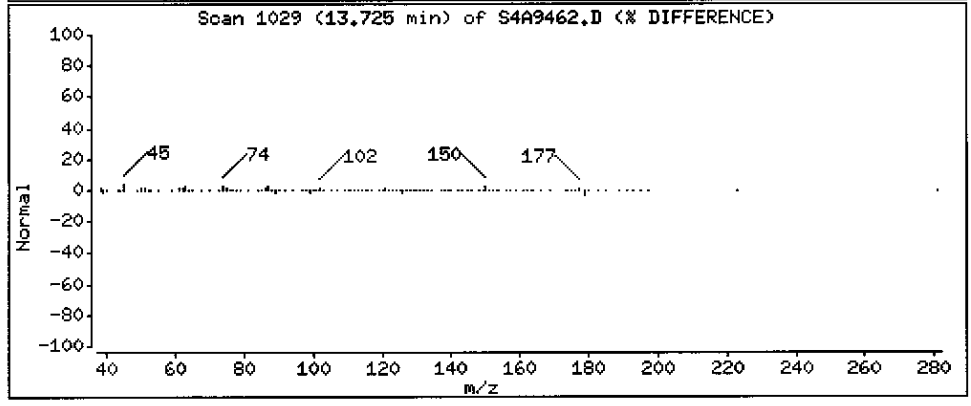












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

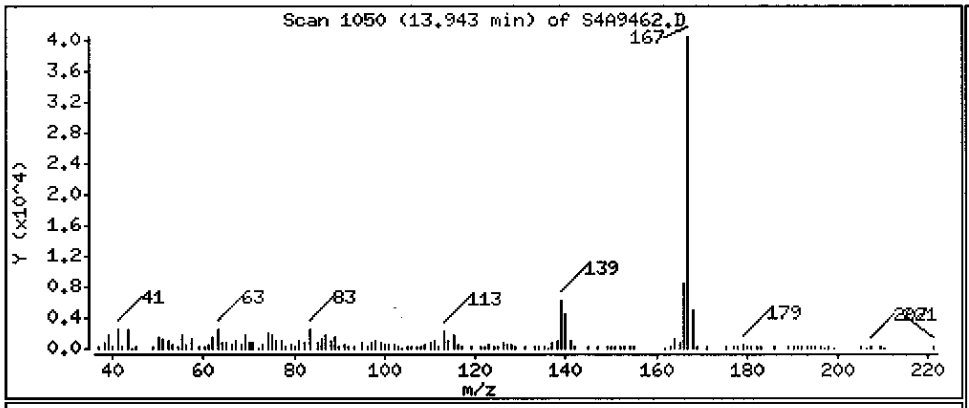
Client ID: SD02-S-0 Instrument: S4.i

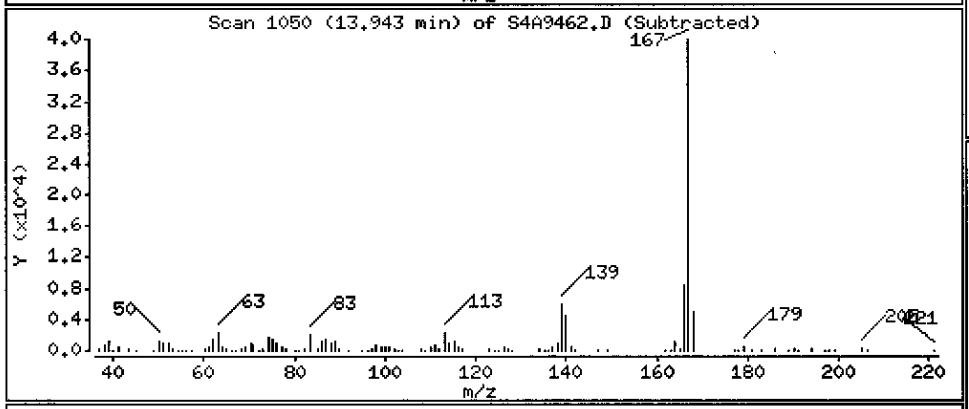
Sample Info: D0926-02A,,19468,,

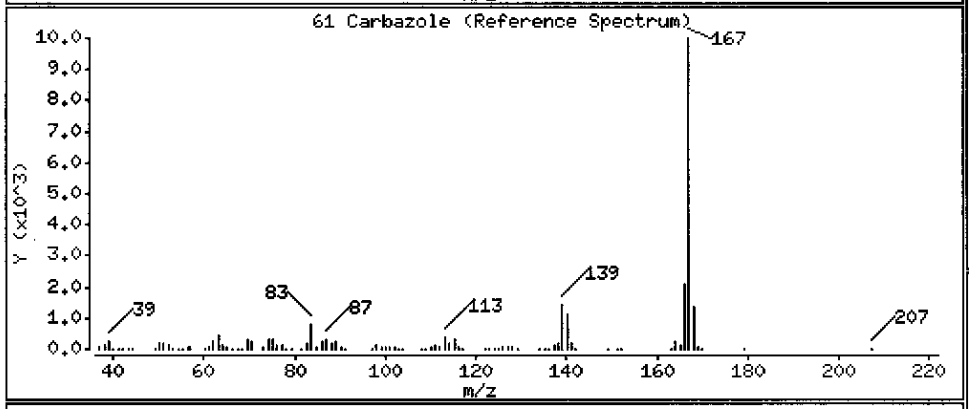
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

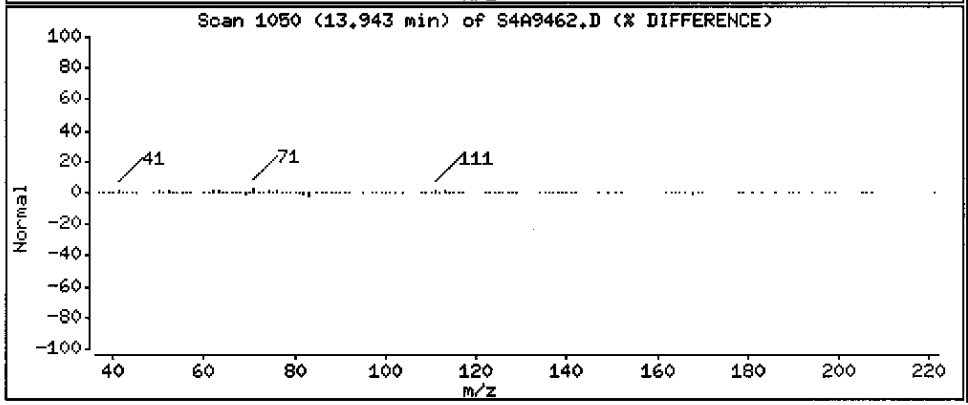
Column phase: DB-5MS Column diameter: 0.25

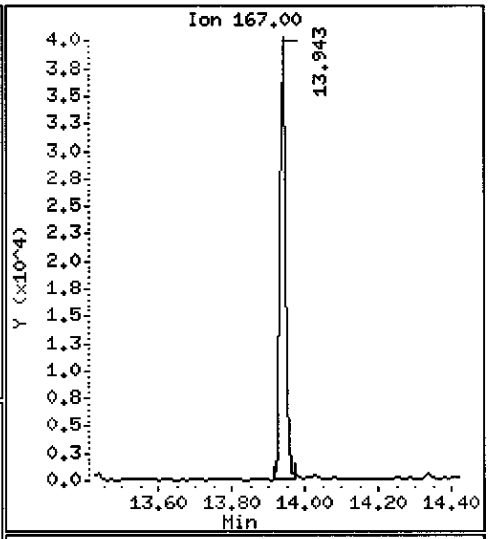
61 Carbazole Concentration: 1600 ug/Kg

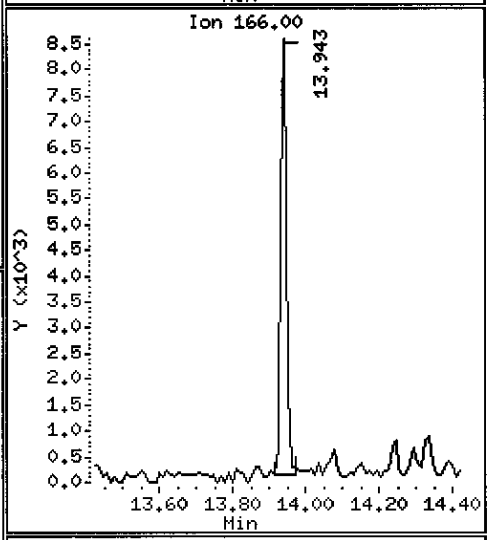


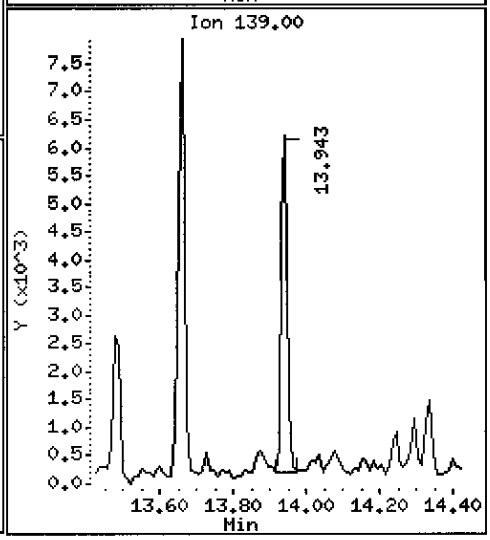












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

Client ID: SD02-S-O

Instrument: S4.i

Sample Info: D0926-02A,,19468,,

Volume Injected (uL): 2.0

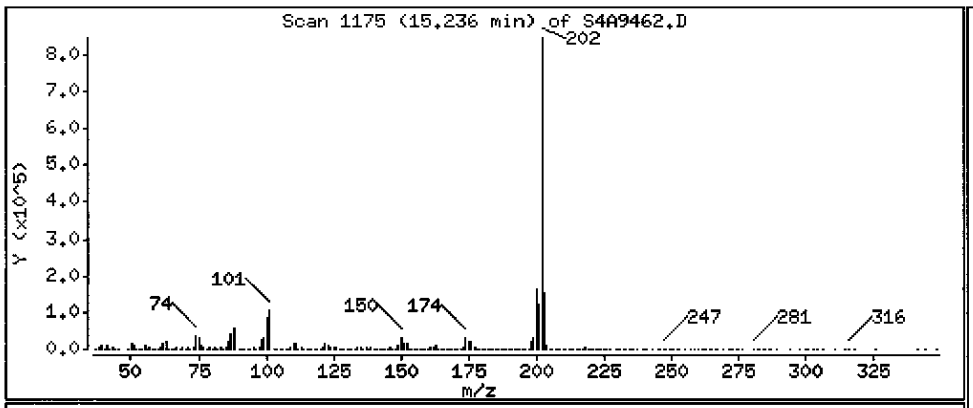
Operator: AW SRC: LIMS

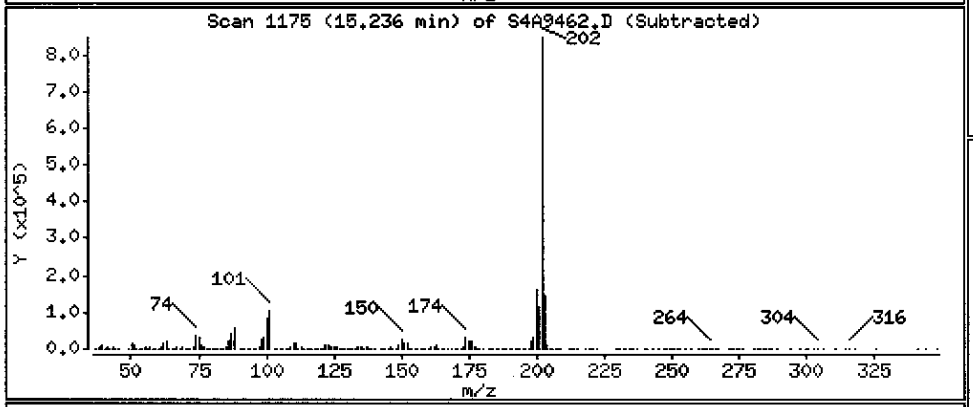
Column phase: DB-5MS

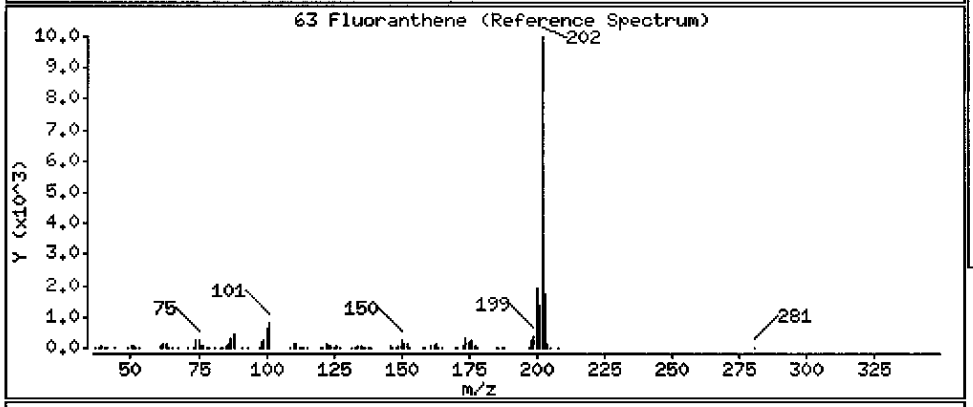
Column diameter: 0.25

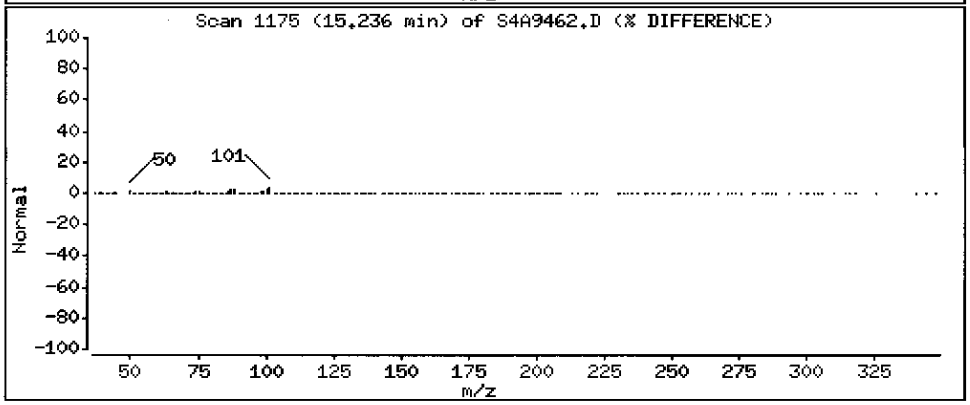
63 Fluoranthene

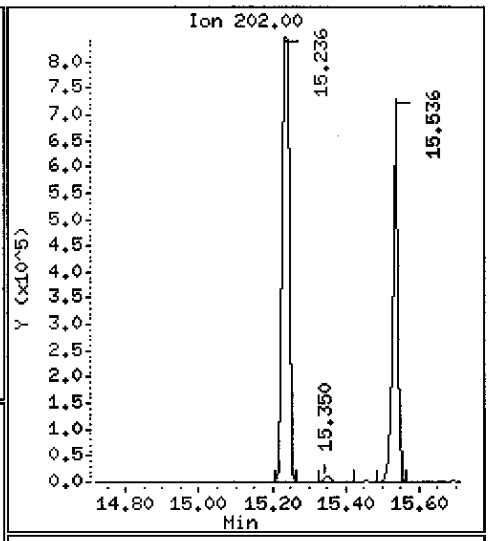
Concentration: 36000 ug/Kg

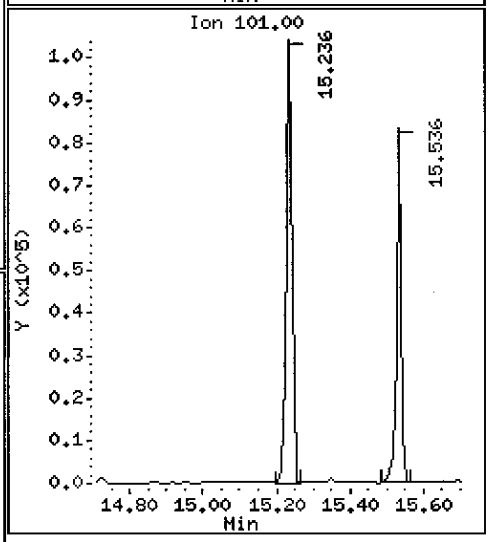












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

Client ID: SD02-S-O

Instrument: S4.i

Sample Info: D0926-02A,,19468,,

Volume Injected (uL): 2.0

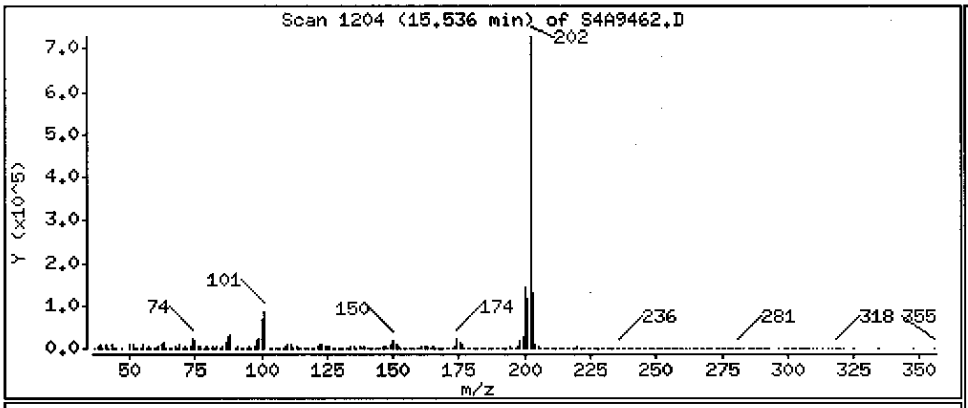
Operator: AW SRC: LIMS

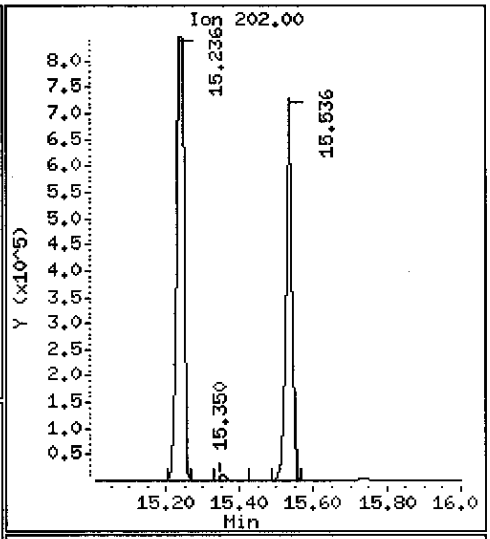
Column phase: DB-5MS

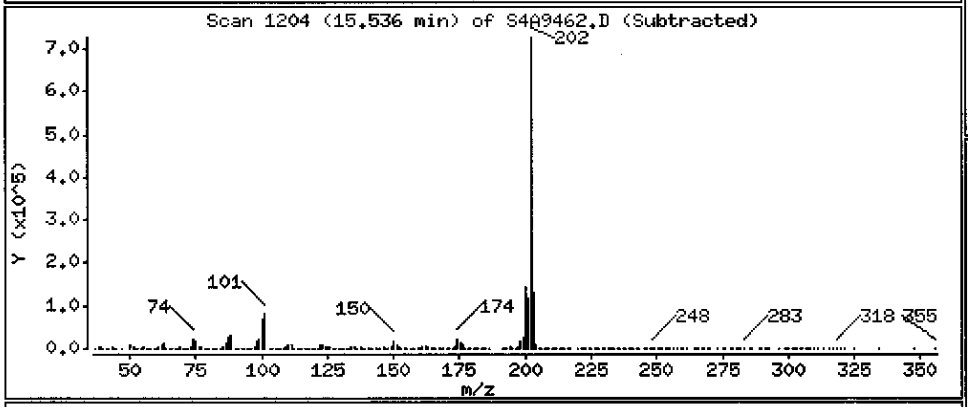
Column diameter: 0.25

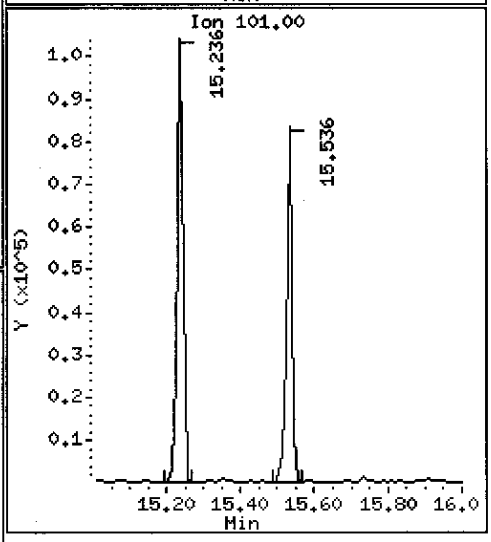
64 Pyrene

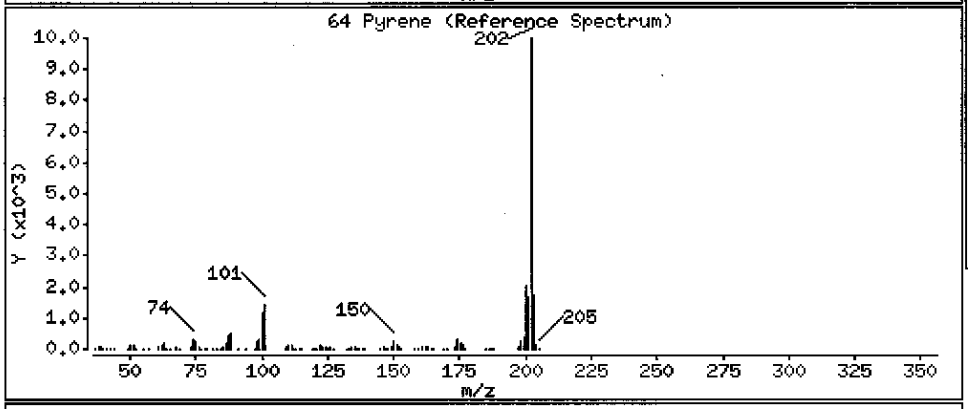
Concentration: 17000 ug/Kg

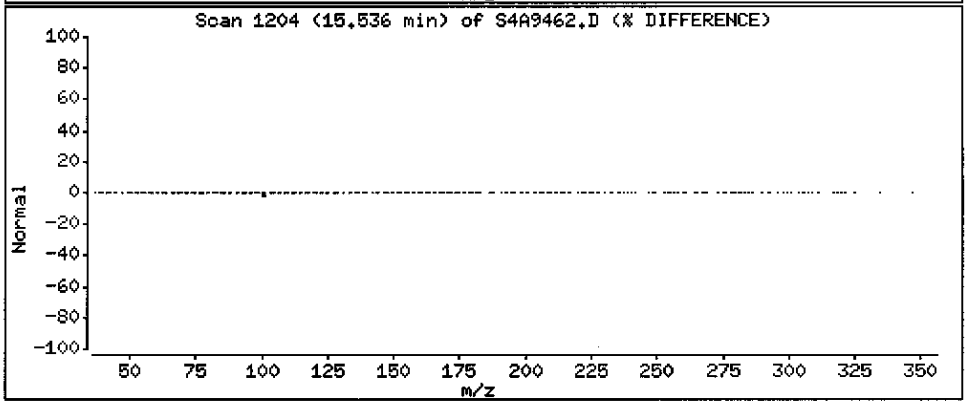












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

Client ID: SD02-S-O

Instrument: S4.i

Sample Info: D0926-02A,,19468,,

Volume Injected (uL): 2.0

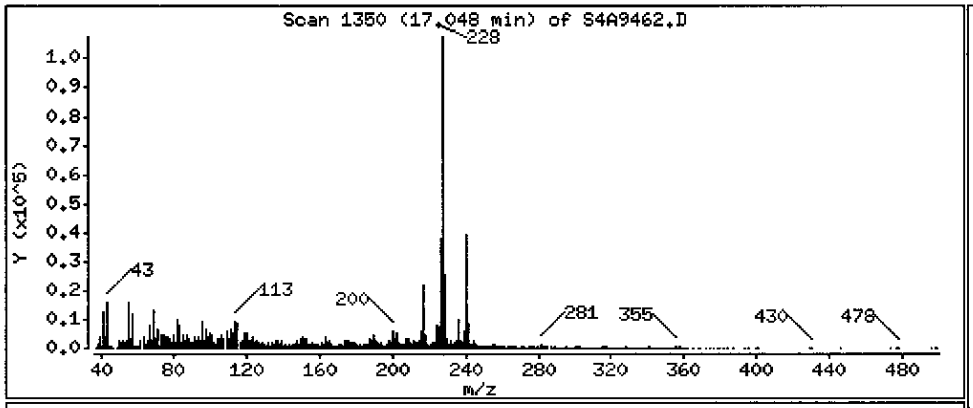
Operator: AW SRC: LIMS

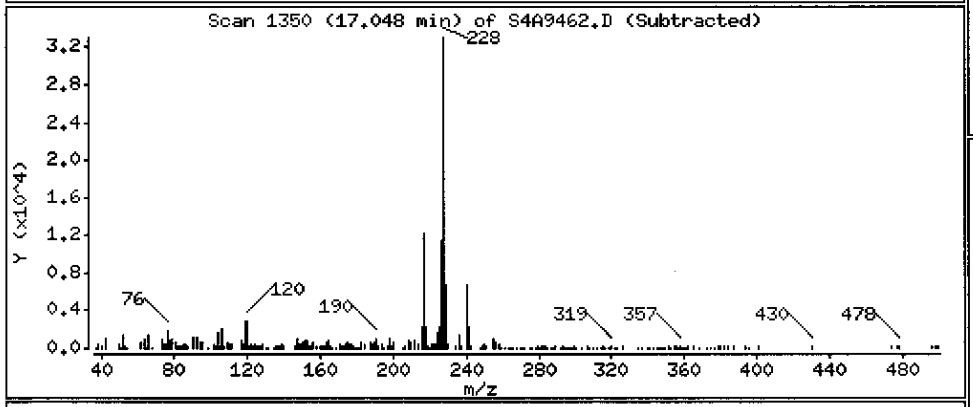
Column phase: DB-5MS

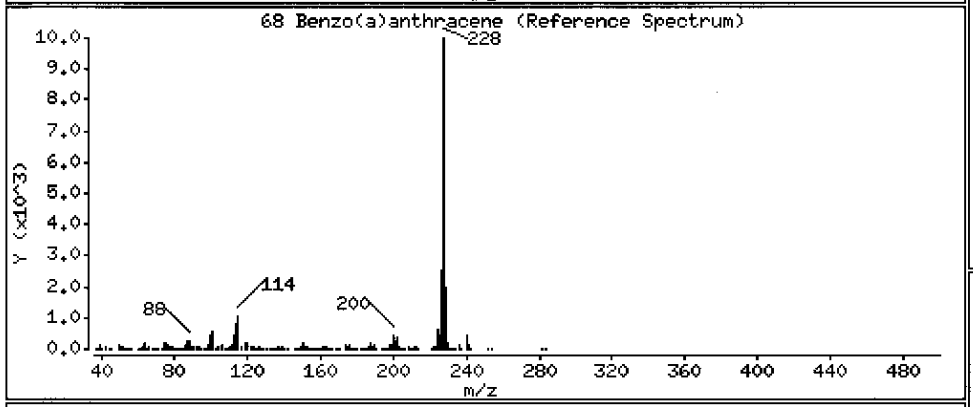
Column diameter: 0.25

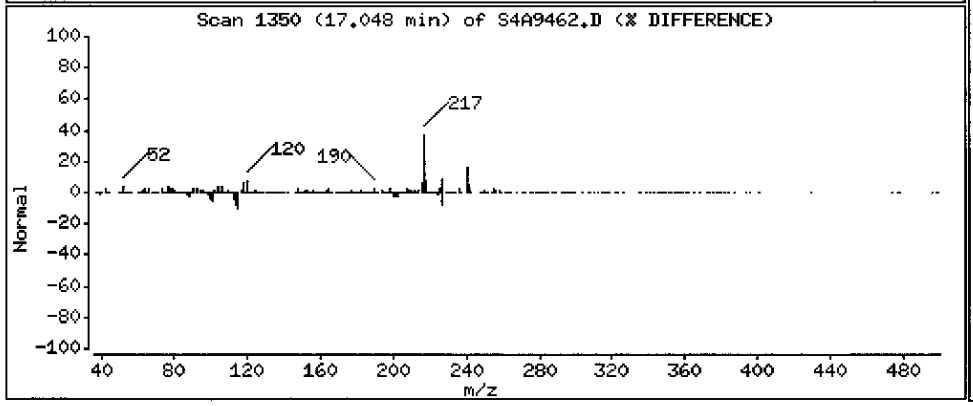
68 Benzo(a)anthracene

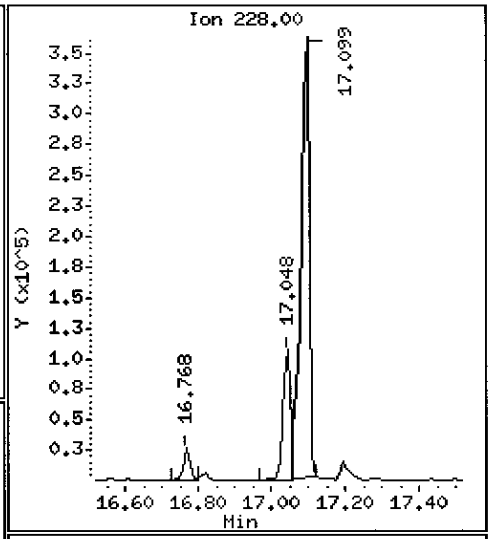
Concentration: 4000 ug/Kg

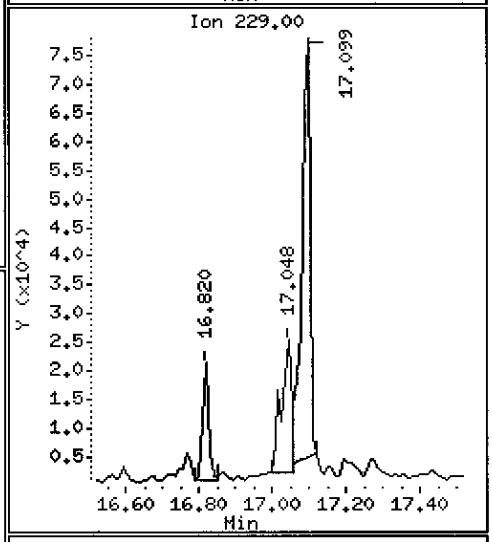


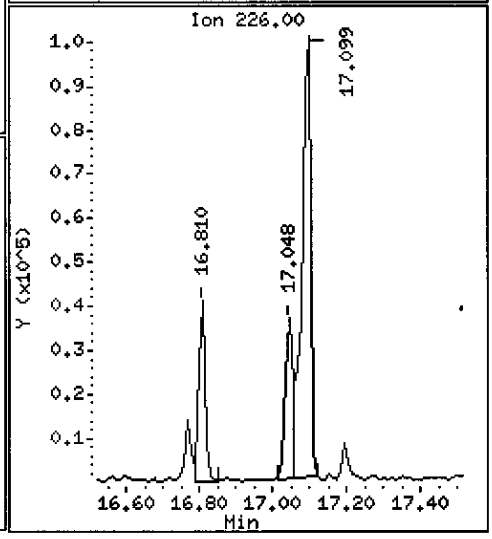












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

Client ID: SD02-S-O

Instrument: S4.i

Sample Info: D0926-02A,,19468,,

Volume Injected (uL): 2.0

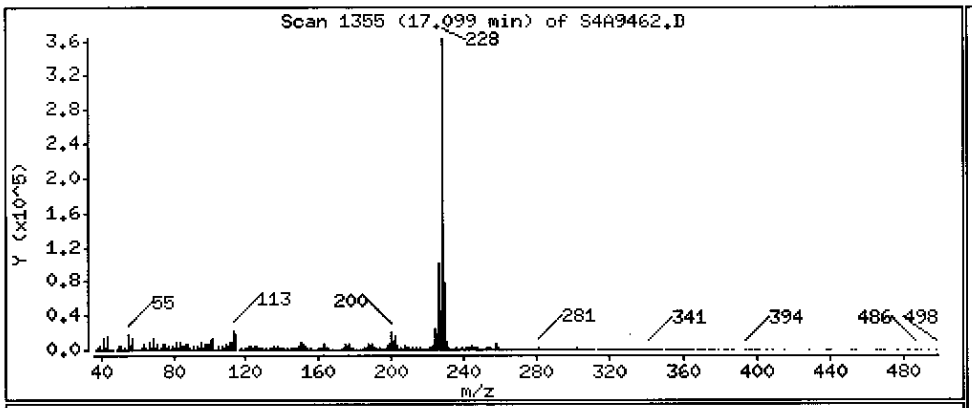
Operator: AW SRC: LIMS

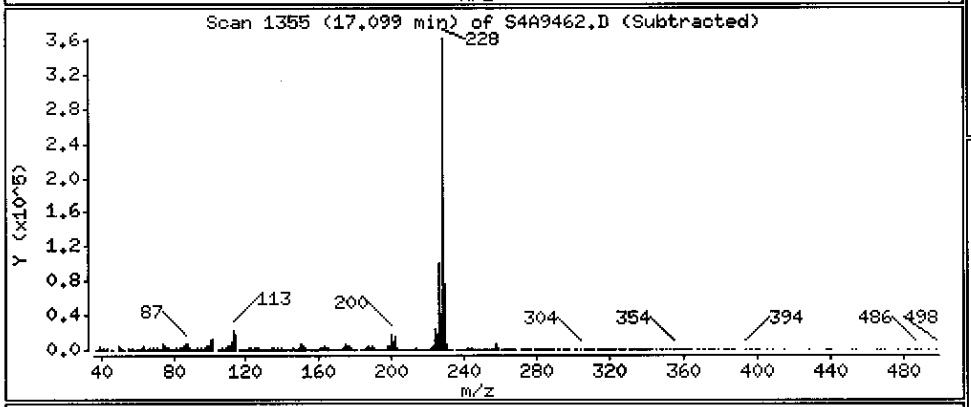
Column phase: DB-5MS

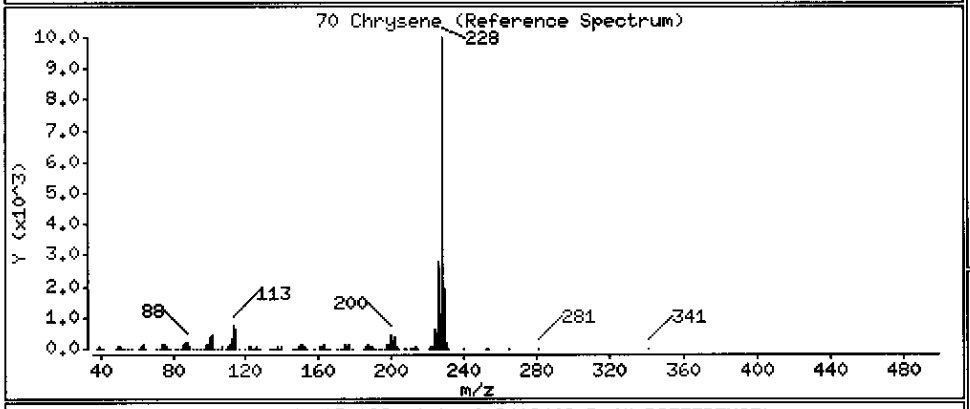
Column diameter: 0.25

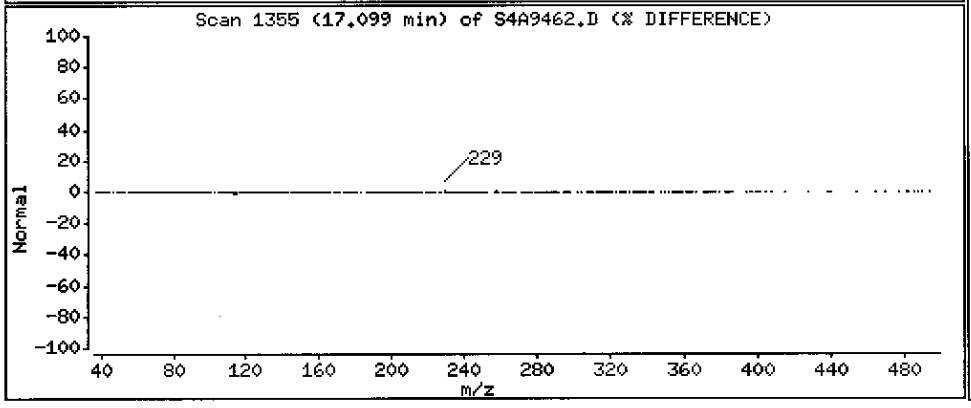
70 Chrysene

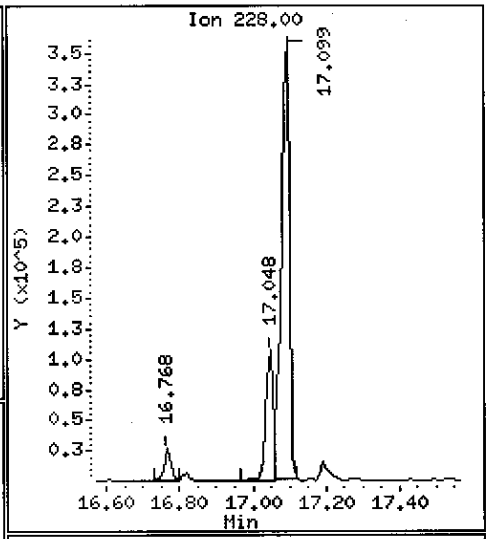
Concentration: 16000 ug/Kg

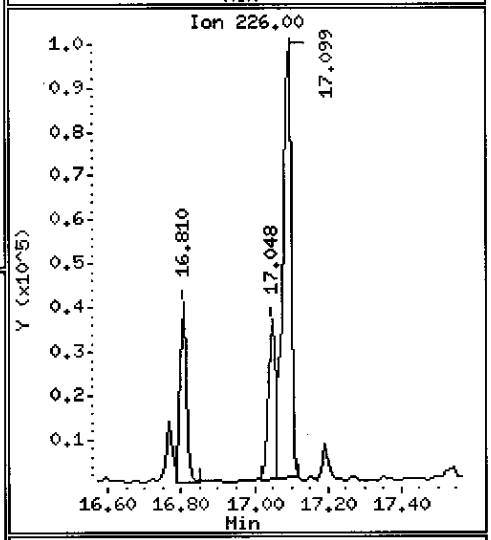


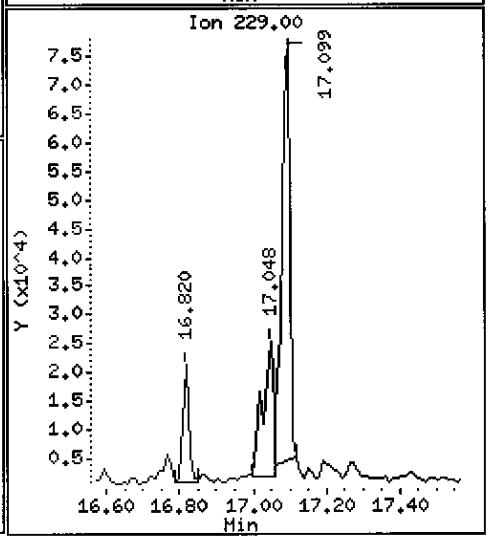












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

Client ID: SD02-S-0

Instrument: S4.i

Sample Info: D0926-02A,,19468,,

Volume Injected (uL): 2.0

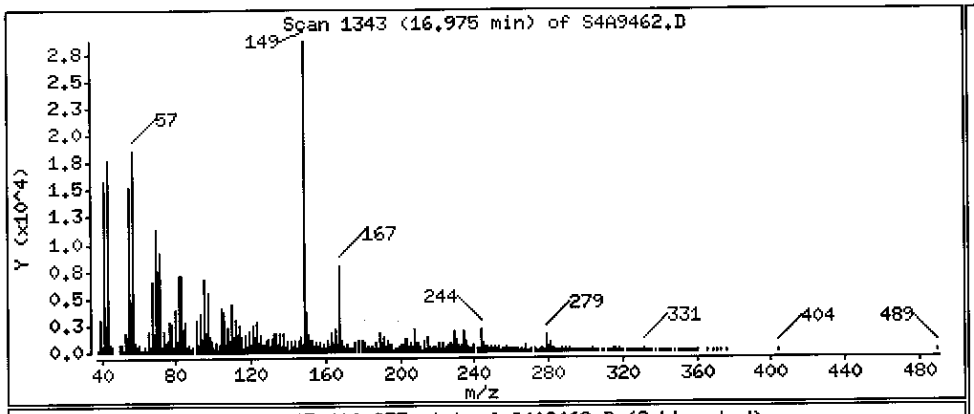
Operator: AW SRC: LIMS

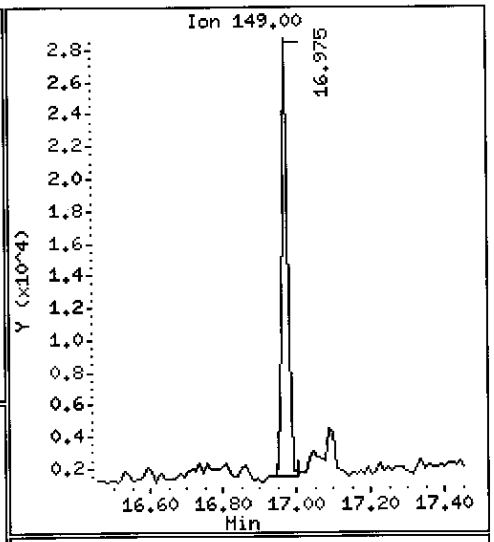
Column phase: DB-5MS

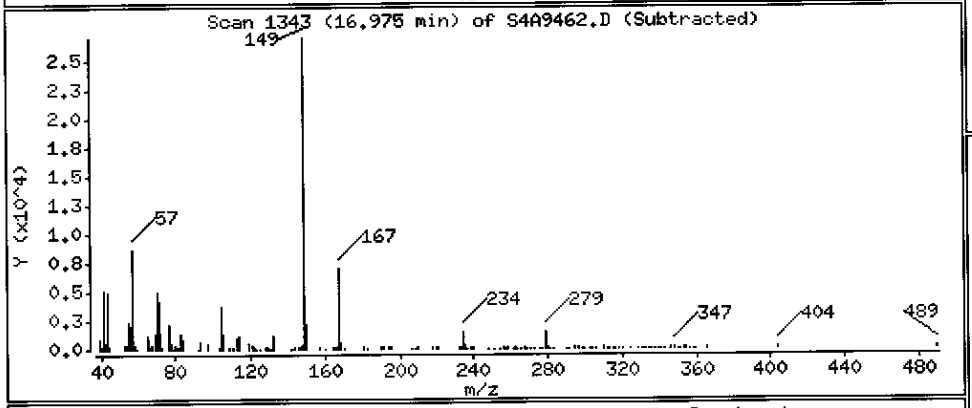
Column diameter: 0.25

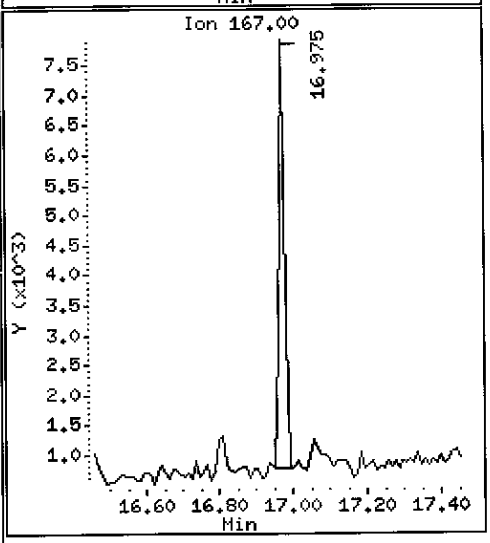
71 bis(2-Ethylhexyl)phthalate

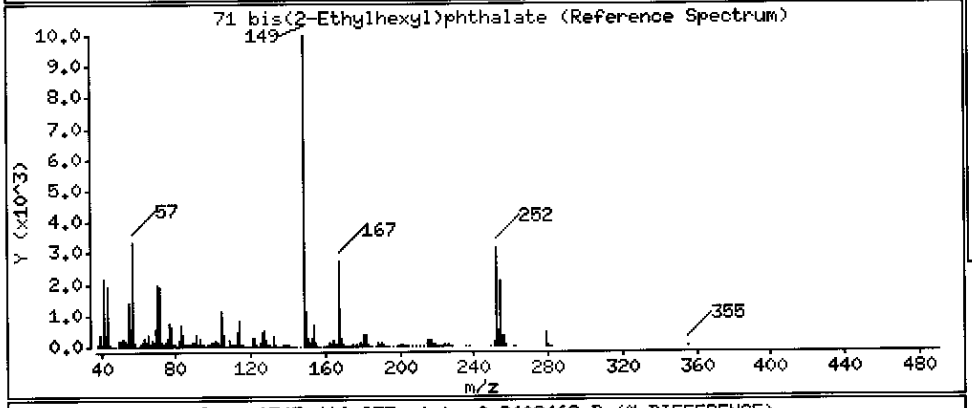
Concentration: 900 ug/Kg

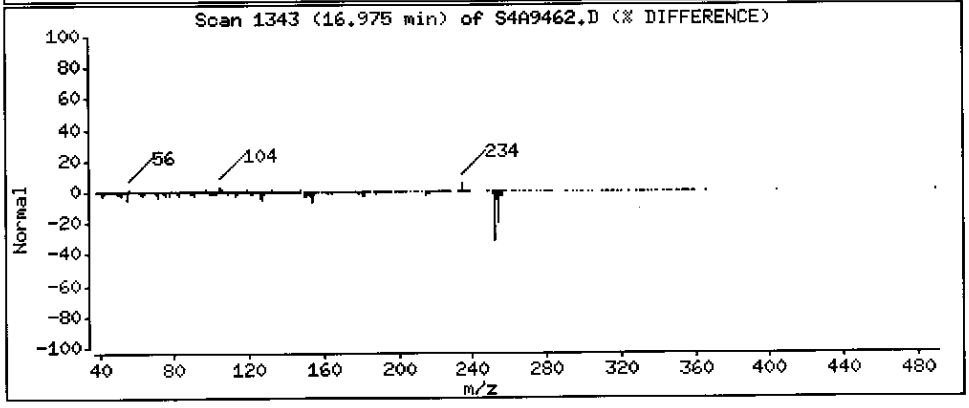












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

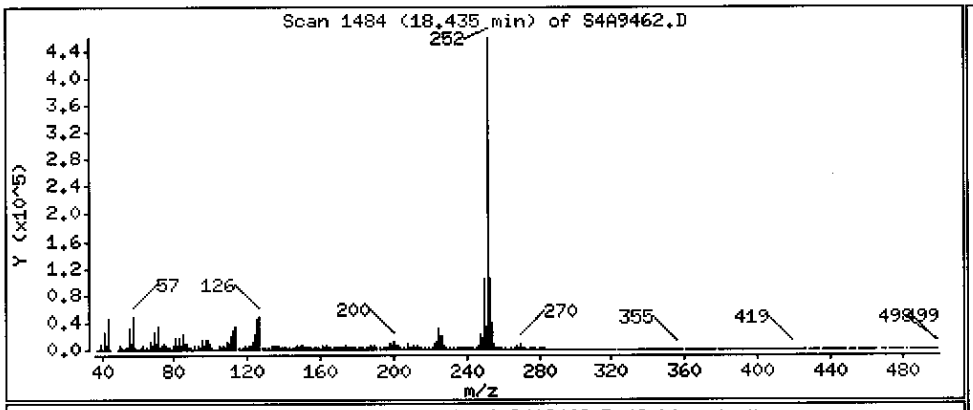
Client ID: SD02-S-0 Instrument: S4.i

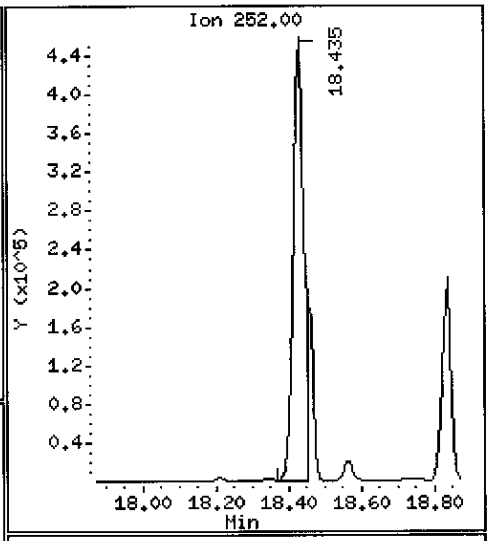
Sample Info: D0926-02A,,19468,,

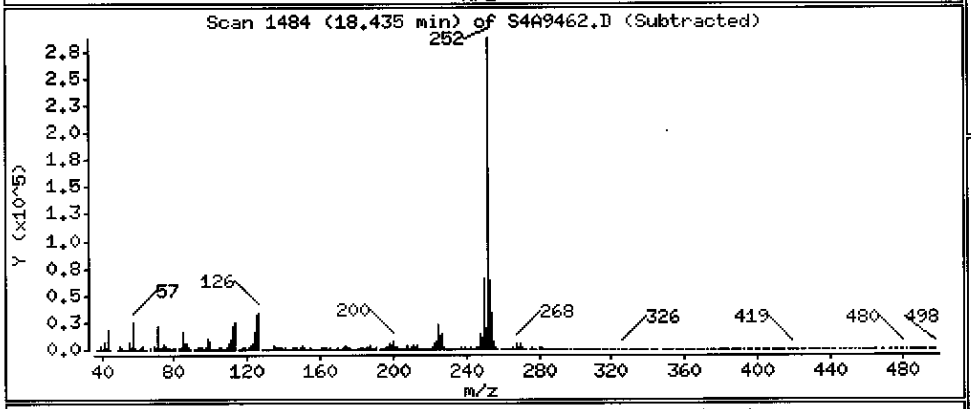
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

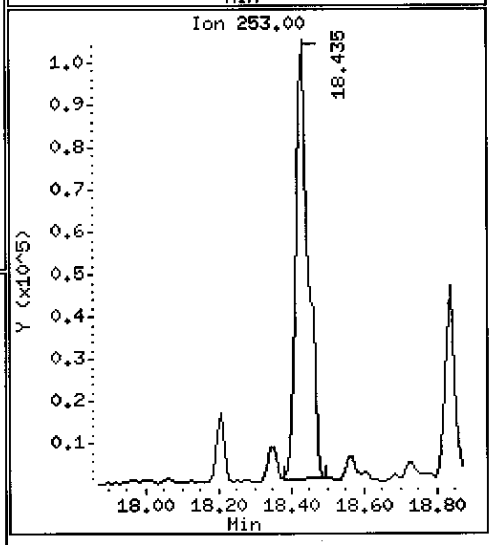
Column phase: DB-5MS Column diameter: 0.25

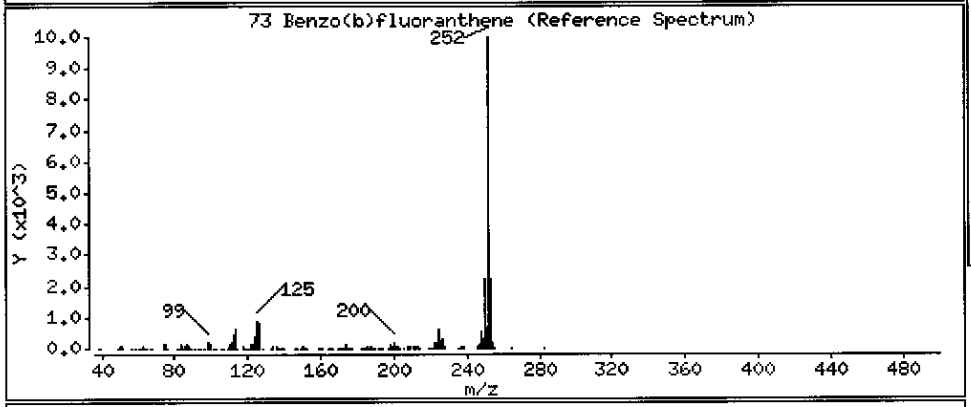
73 Benzo(b)fluoranthene Concentration: 25000 ug/Kg

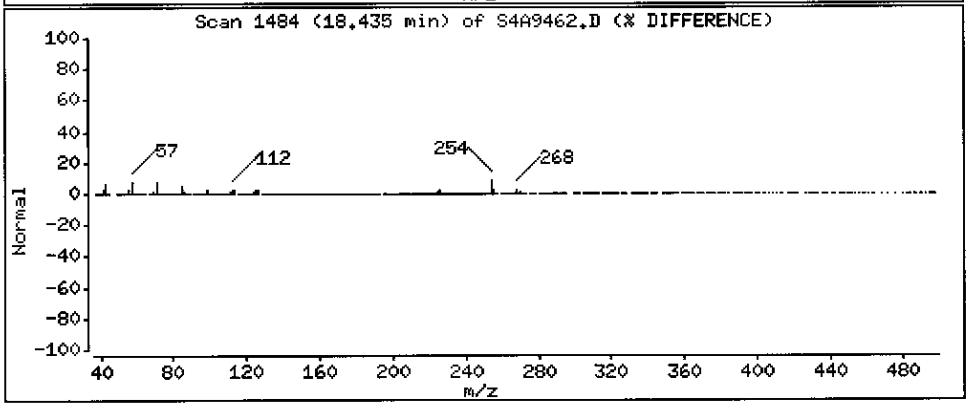












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

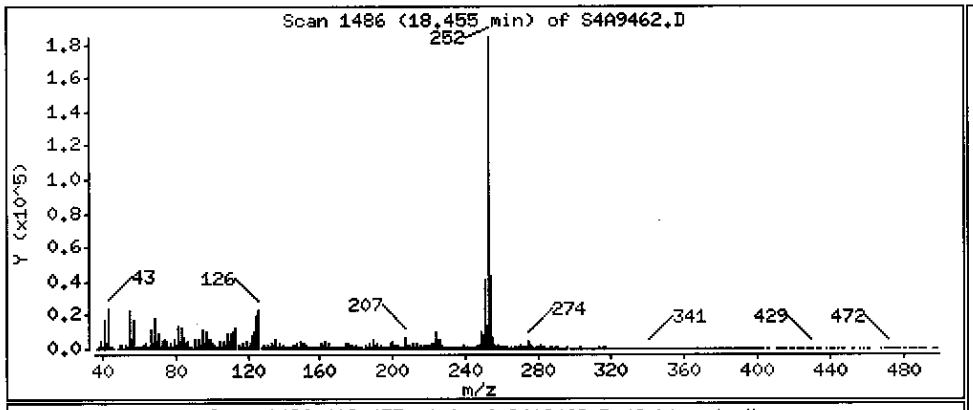
Client ID: SD02-S-0 Instrument: S4.i

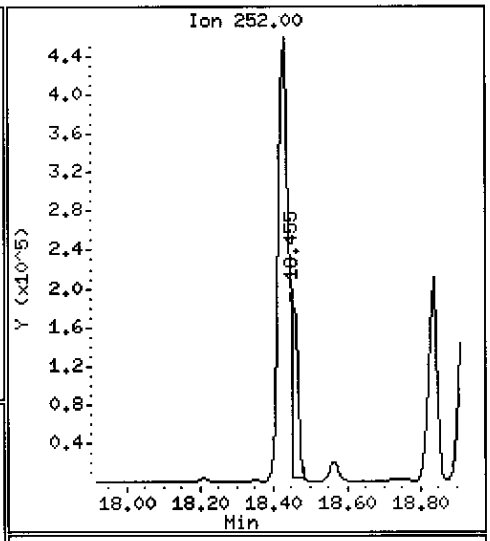
Sample Info: D0926-02A,,19468,,

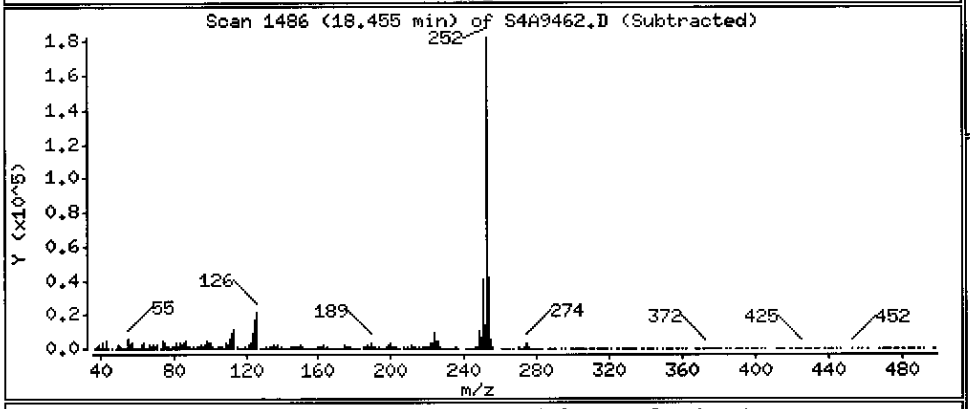
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

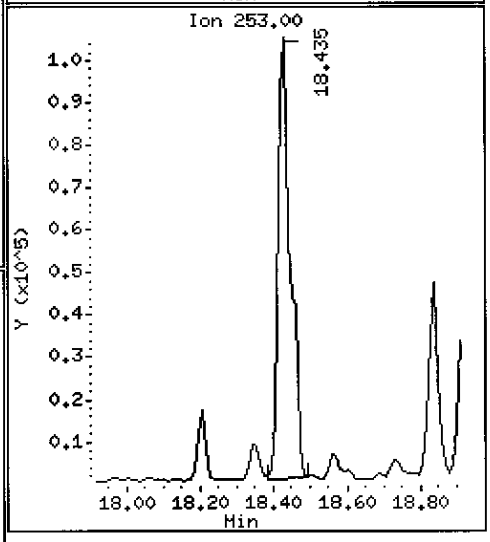
Column phase: DB-5MS Column diameter: 0.25

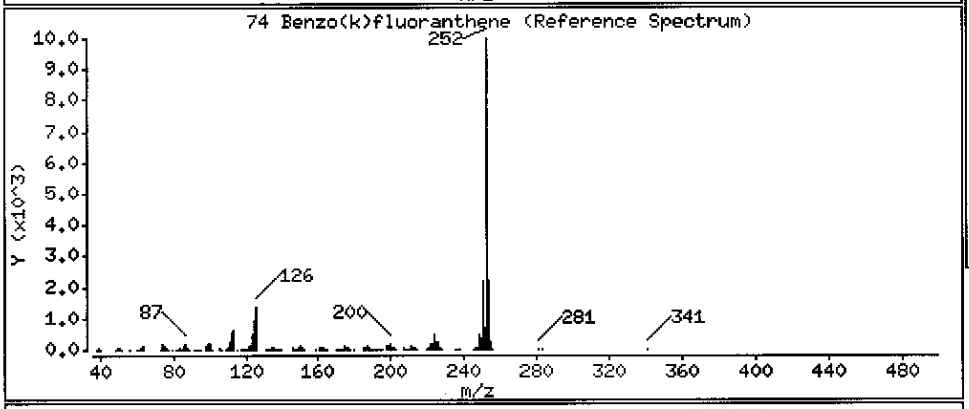
74 Benzo(k)fluoranthene Concentration: 5900 ug/Kg

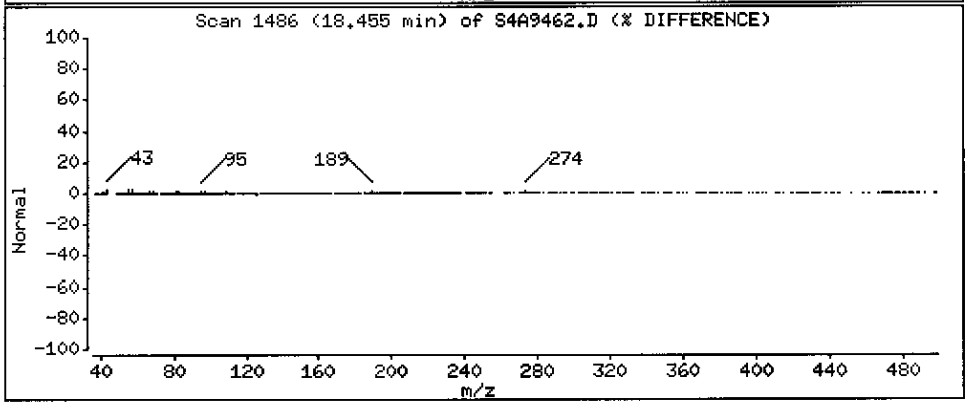












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

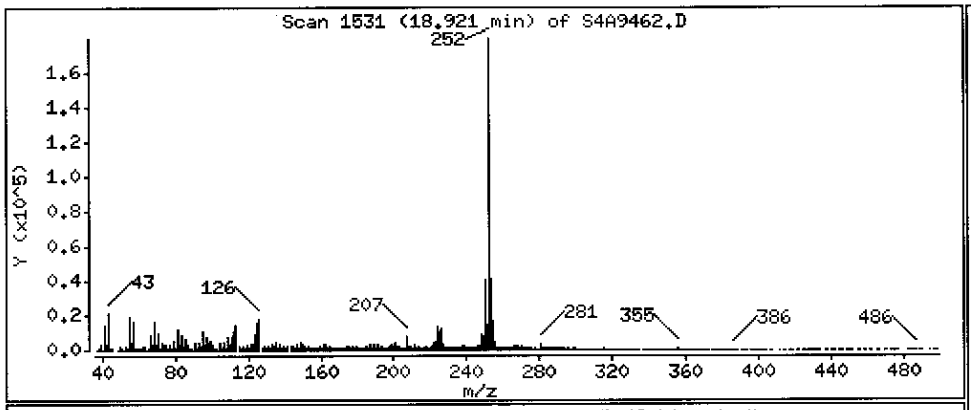
Client ID: SD02-S-0 Instrument: S4.i

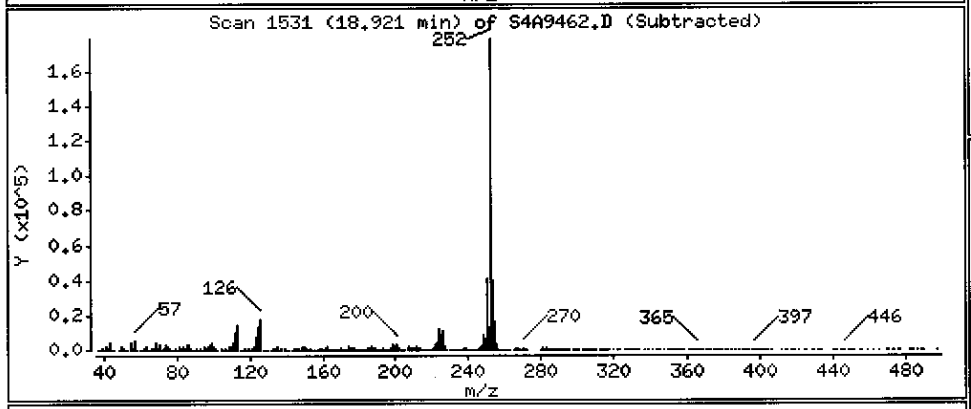
Sample Info: D0926-02A,,19468,,

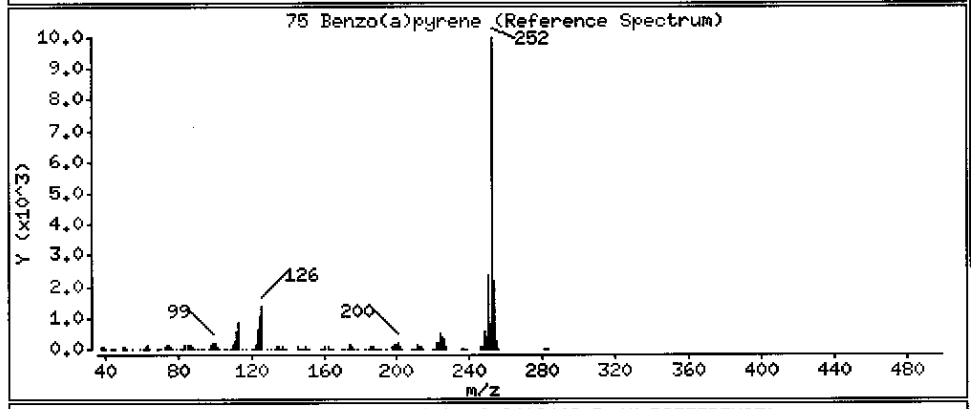
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

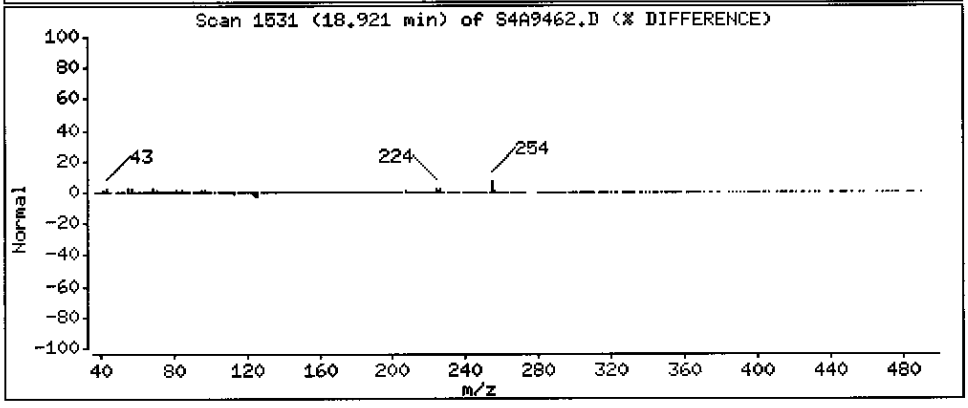
Column phase: DB-5MS Column diameter: 0.25

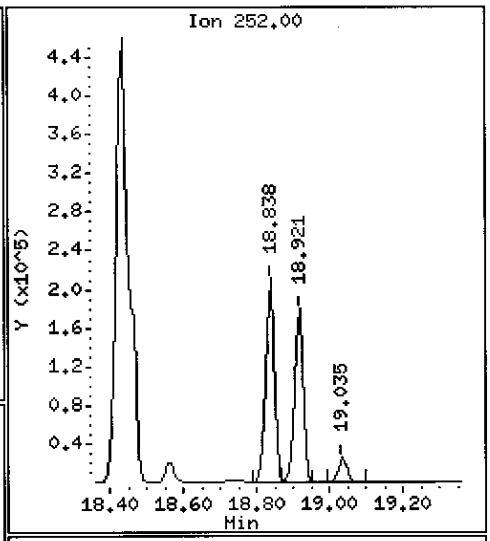
75 Benzo(a)pyrene Concentration: 9300 ug/Kg

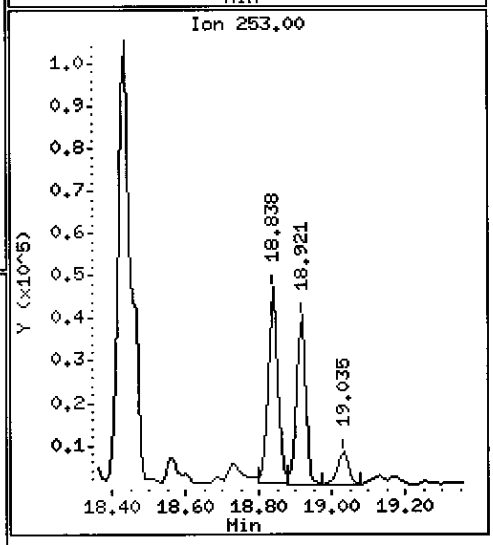












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

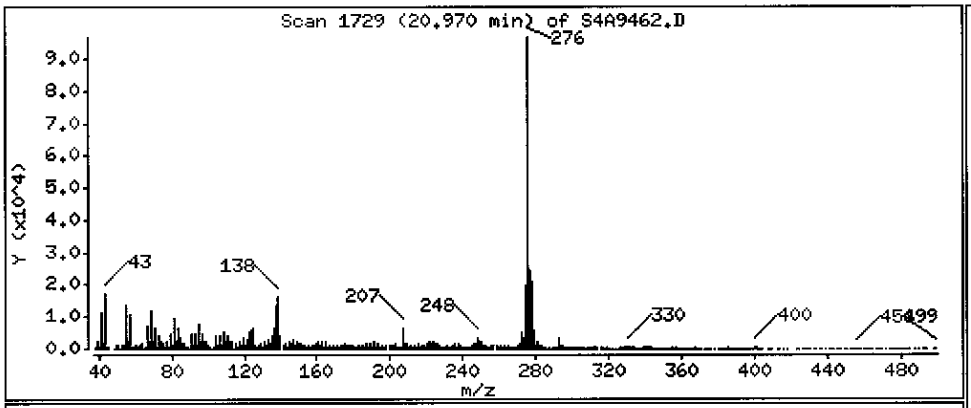
Client ID: SD02-S-0 Instrument: S4.i

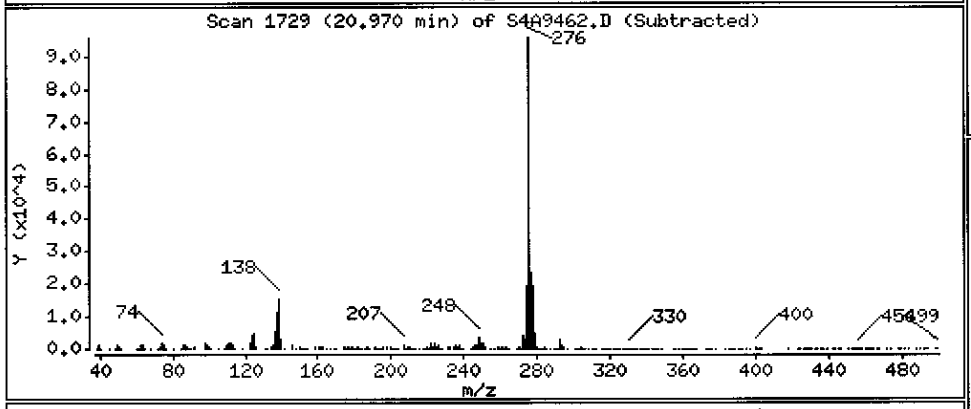
Sample Info: D0926-02A,,19468,,

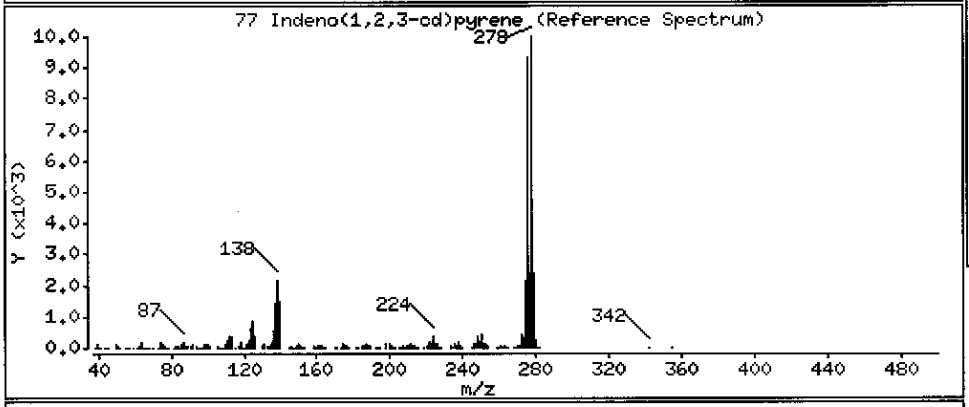
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

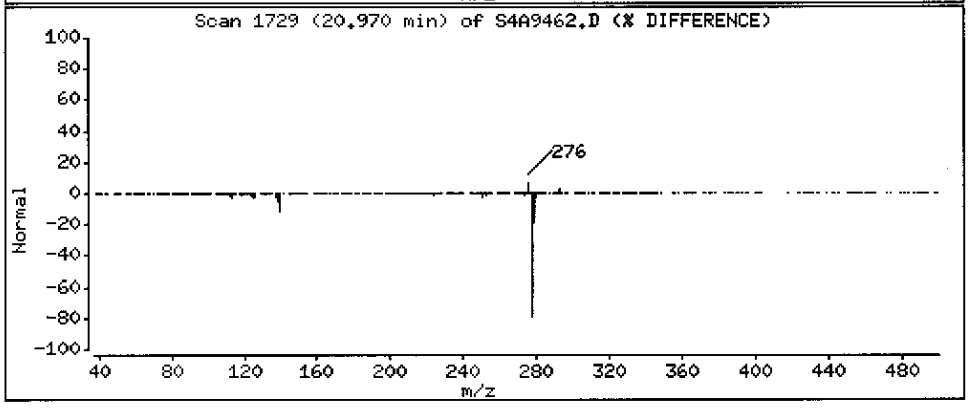
Column phase: DB-5MS Column diameter: 0.25

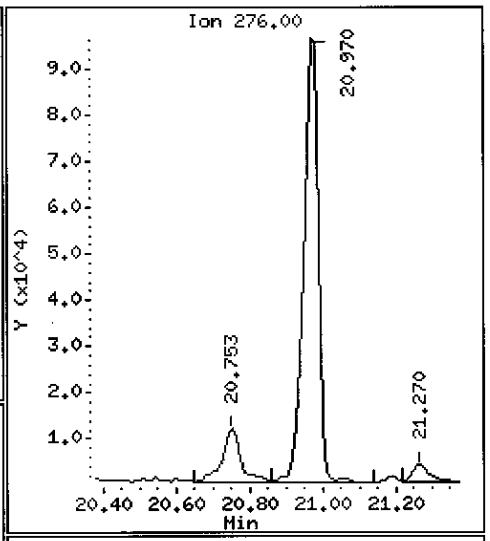
77 Indeno(1,2,3-cd)pyrene Concentration: 7300 ug/Kg

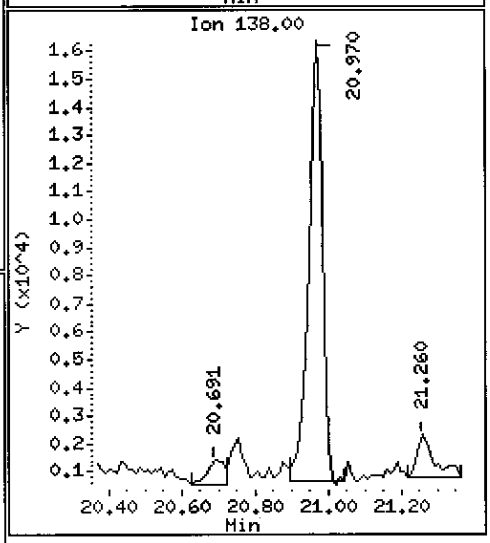












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

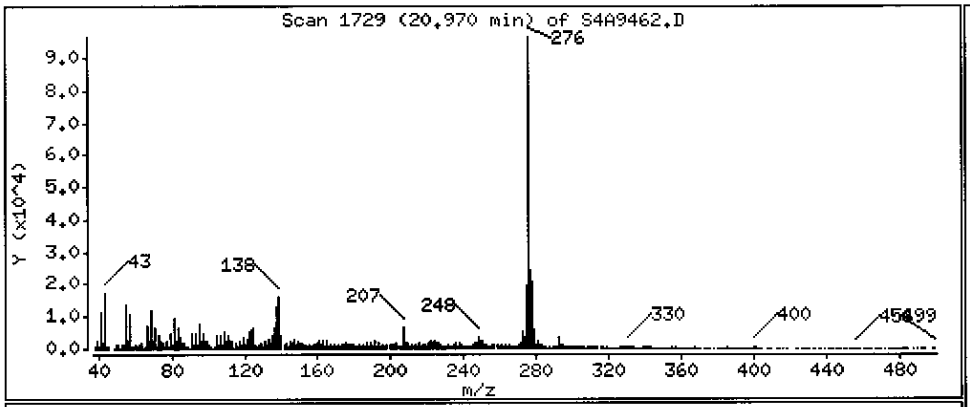
Client ID: SD02-S-0 Instrument: S4.i

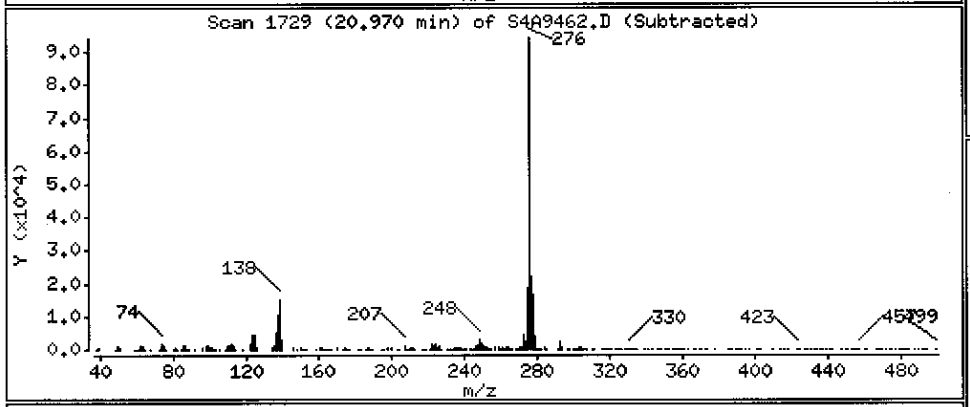
Sample Info: D0926-02A,,19468,,

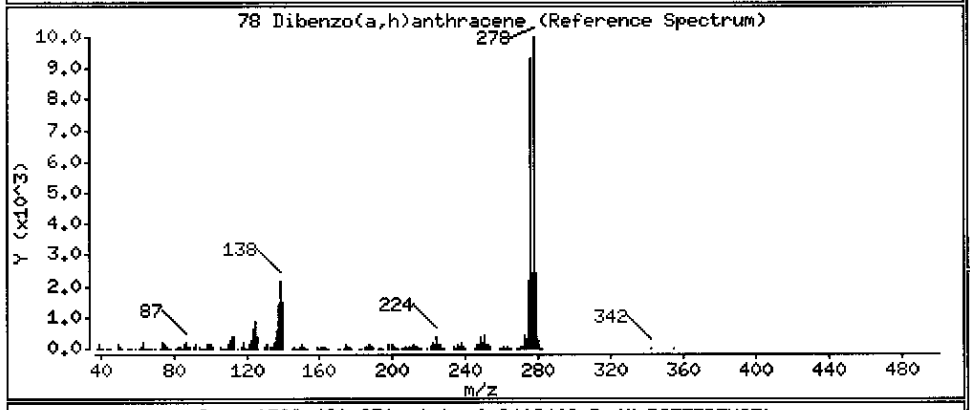
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

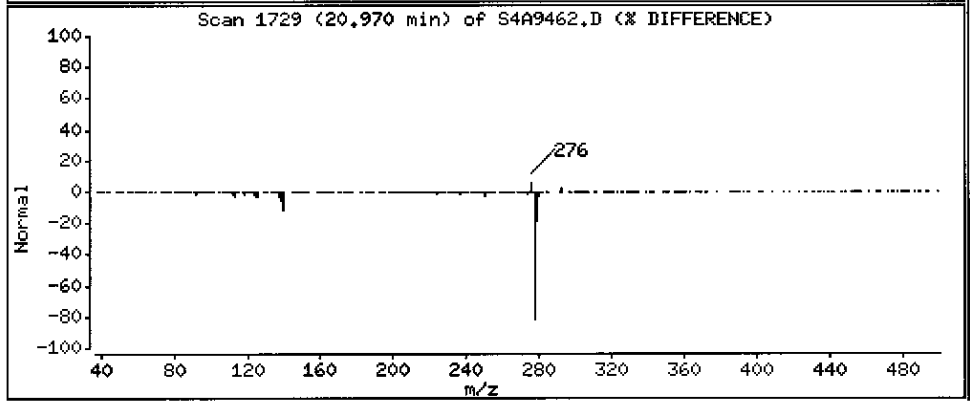
Column phase: DB-5MS Column diameter: 0.25

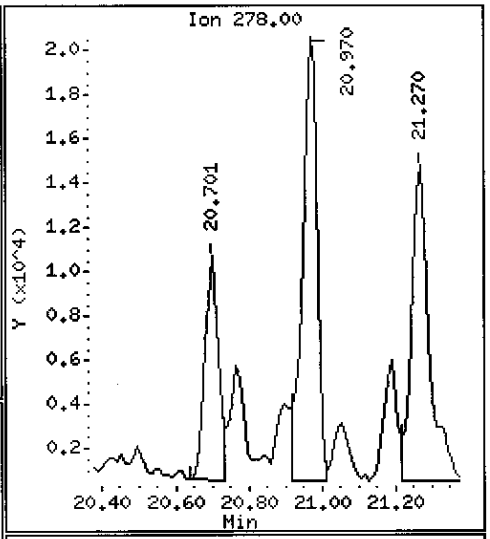
78 Dibenzo(a,h)anthracene Concentration: 1800 ug/Kg

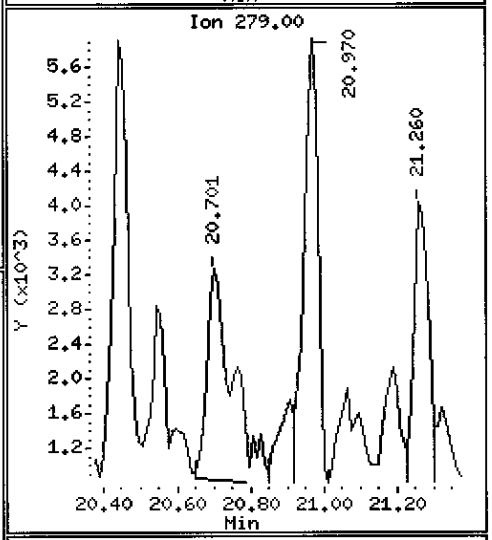


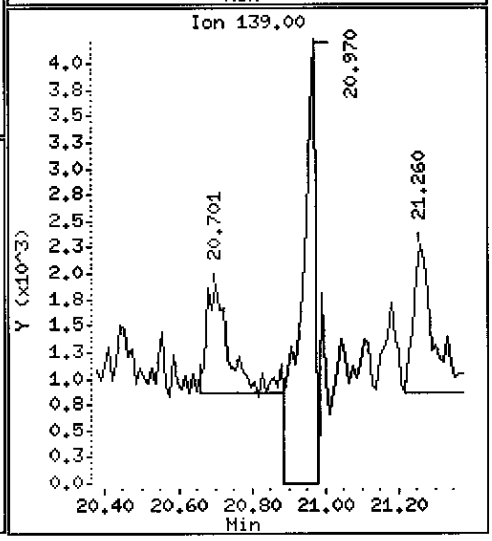












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

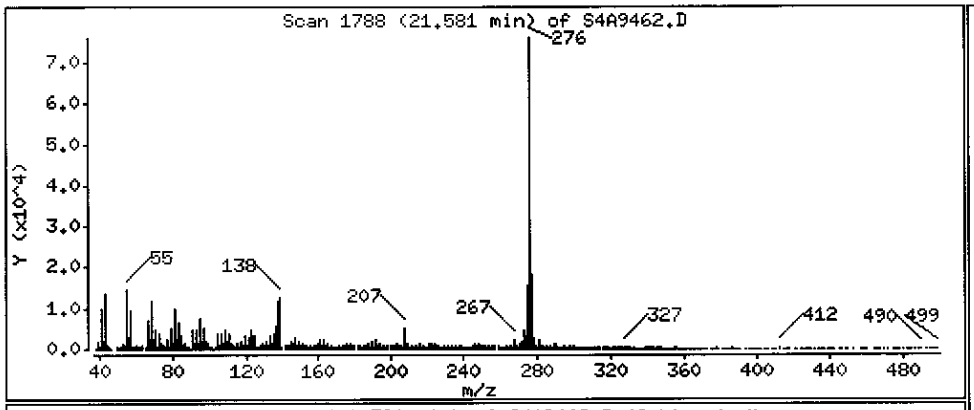
Client ID: SD02-S-0 Instrument: S4.i

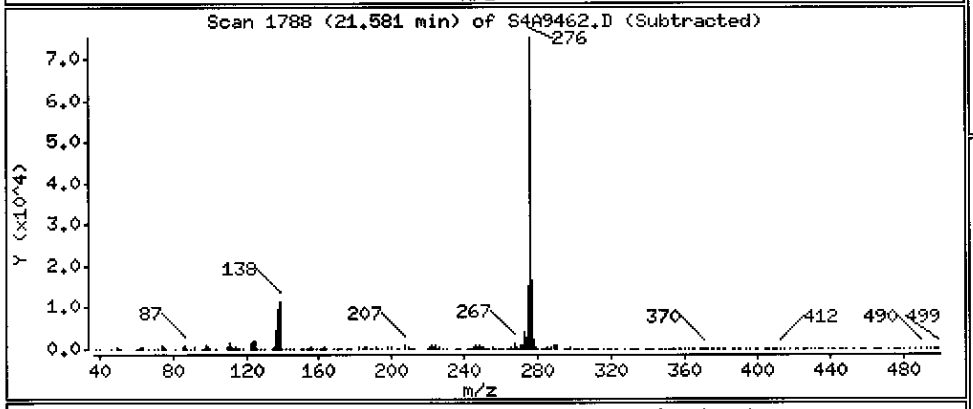
Sample Info: D0926-02A,,19468,,

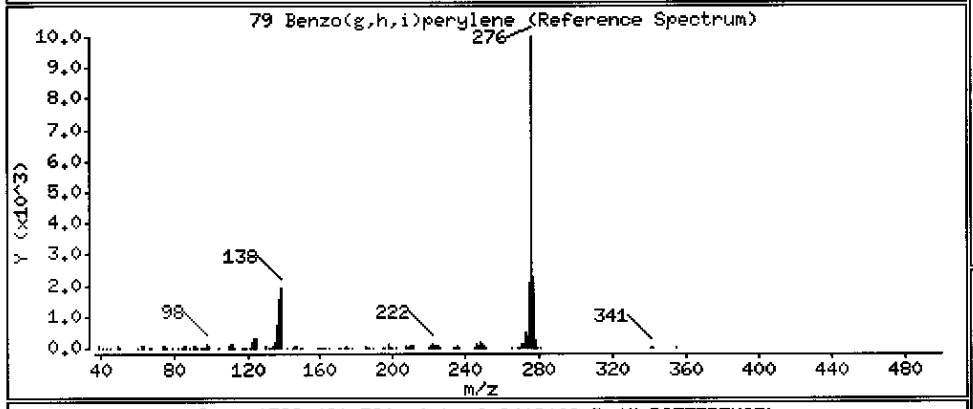
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

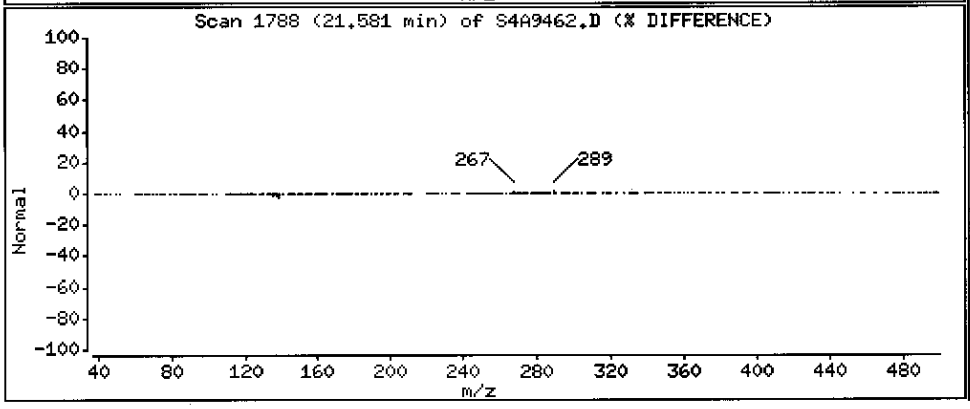
Column phase: DB-5MS Column diameter: 0.25

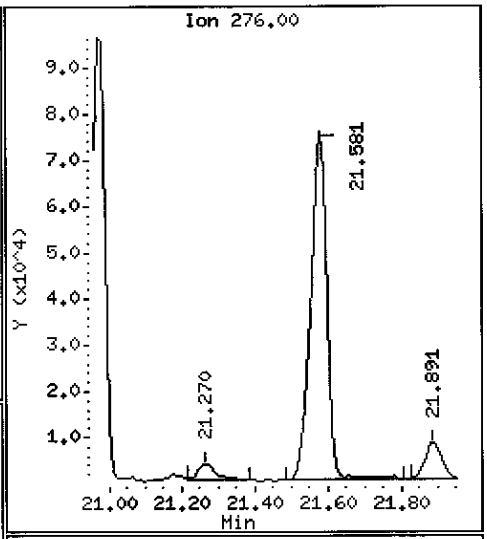
79 Benzo(g,h,i)perylene Concentration: 8300 ug/Kg

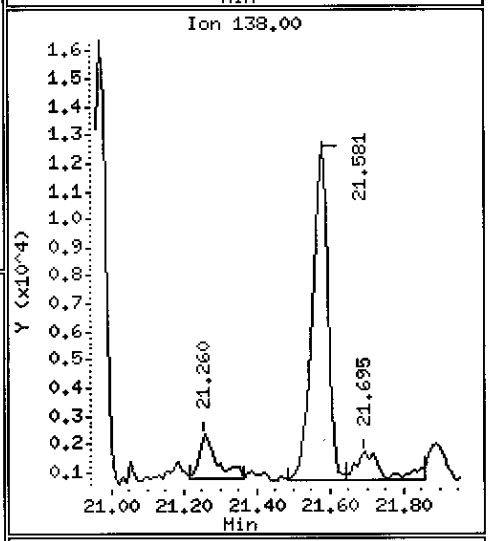


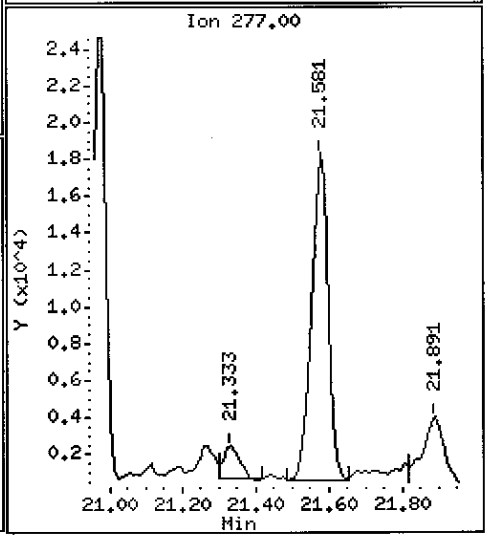












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

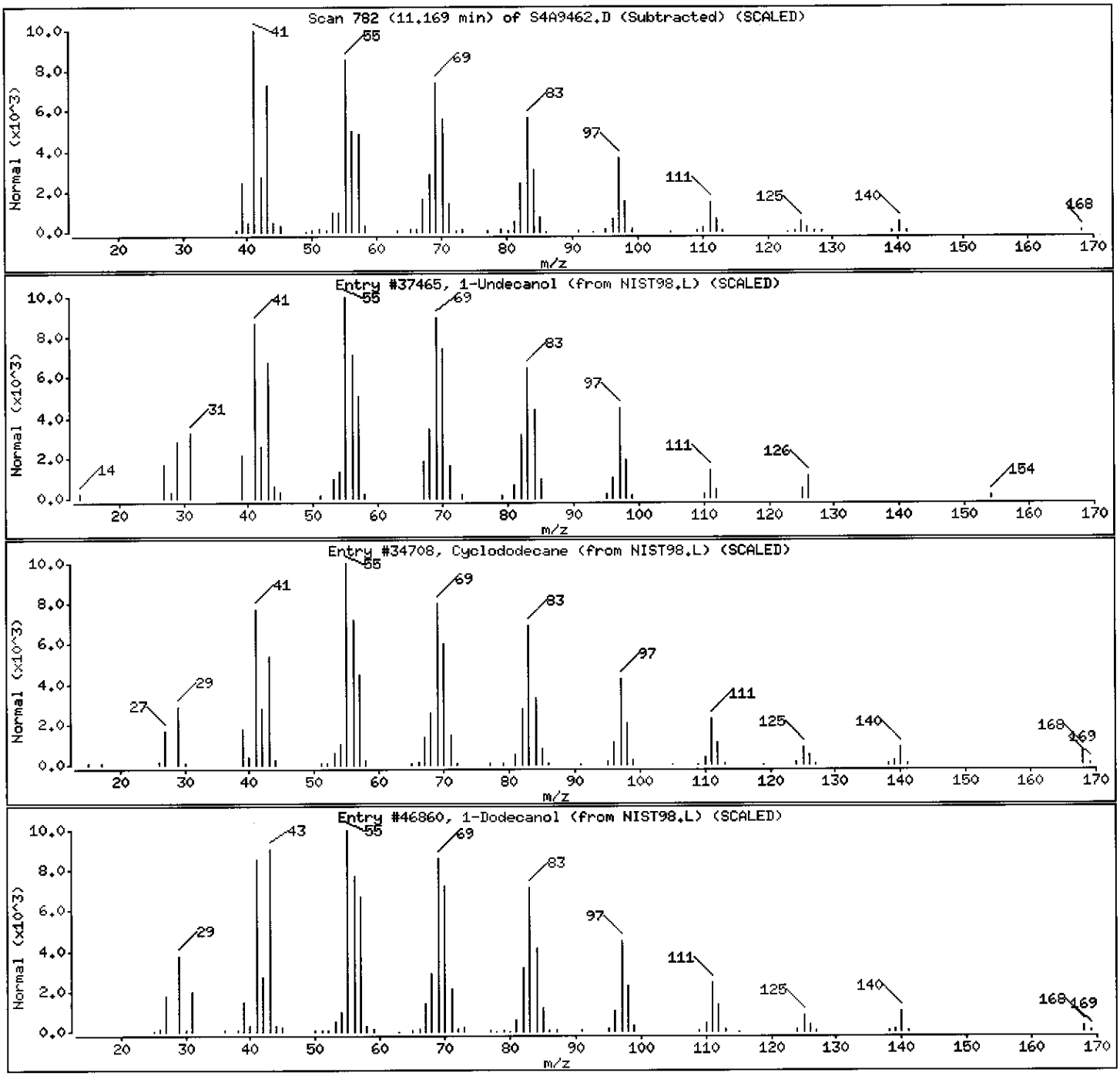
Client ID: SD02-S-0 Instrument: S4.i

Sample Info: D0926-02A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Undecanol	112-42-5	NIST98.L	37465	91	C11H24O	172
Cyclododecane	294-62-2	NIST98.L	34708	91	C12H24	168
1-Dodecanol	112-53-8	NIST98.L	46860	91	C12H26O	186



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

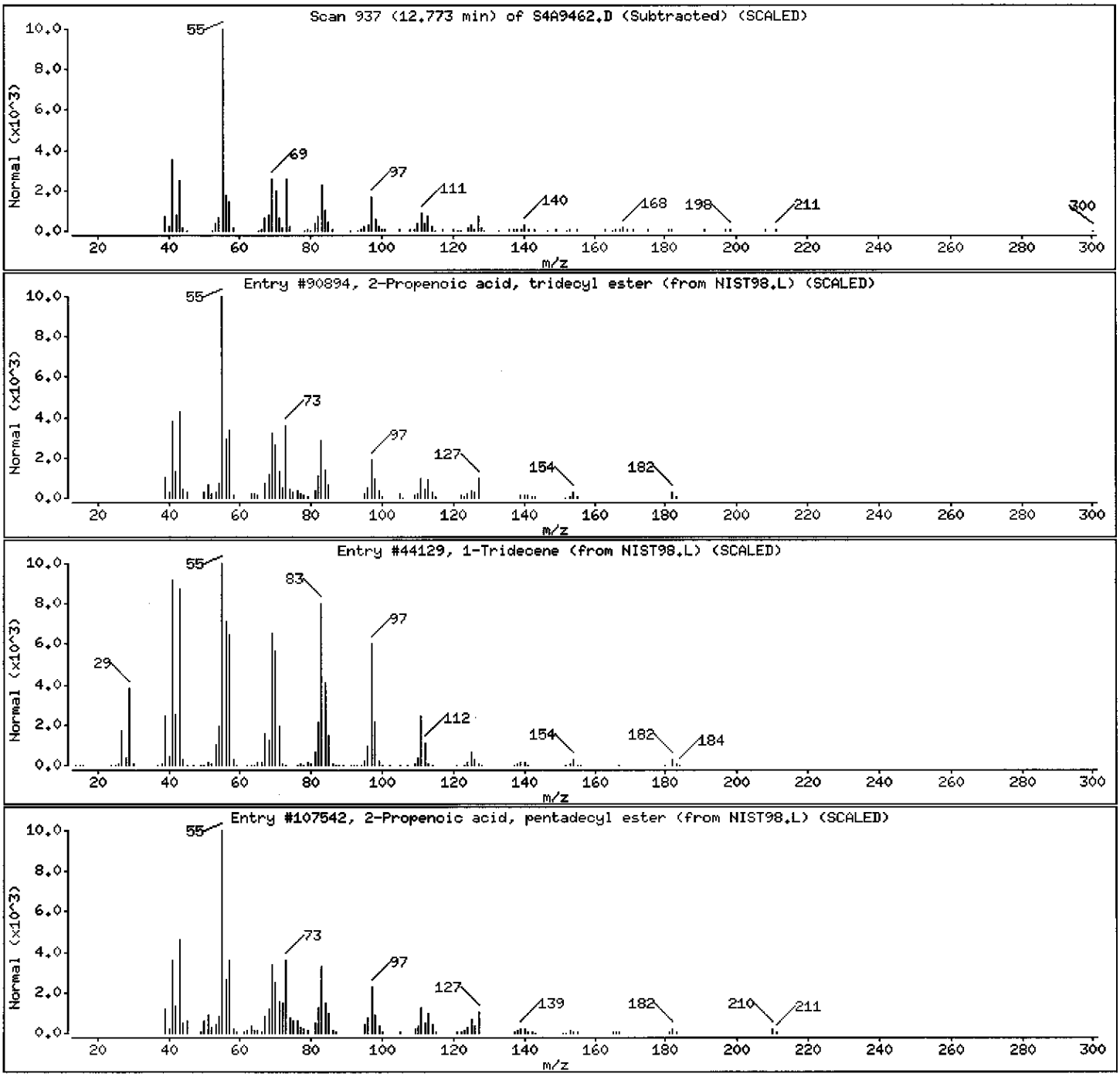
Client ID: SD02-S-0 Instrument: S4.i

Sample Info: D0926-02A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Propenoic acid, tridecyl ester	3076-04-8	NIST98.L	90894	87	C16H3002	254
1-Tridecene	2437-56-1	NIST98.L	44129	86	C13H26	182
2-Propenoic acid, pentadecyl ester	43080-23-5	NIST98.L	107542	78	C18H3402	282



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

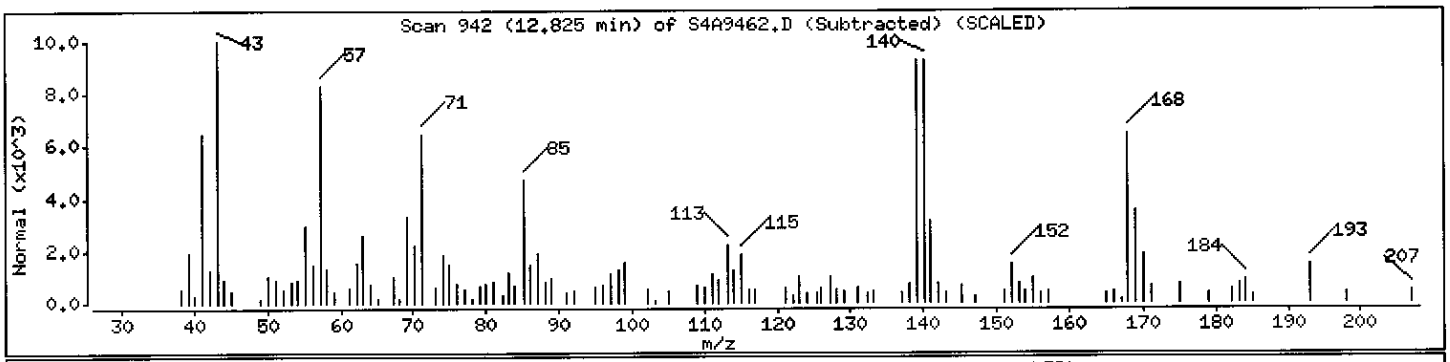
Client ID: SD02-S-0 Instrument: S4.i

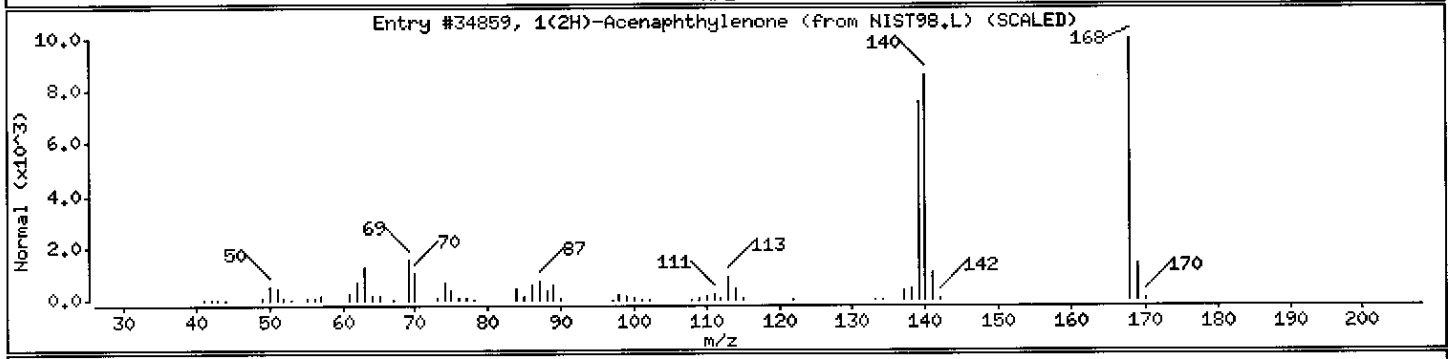
Sample Info: D0926-02A,,19468,,

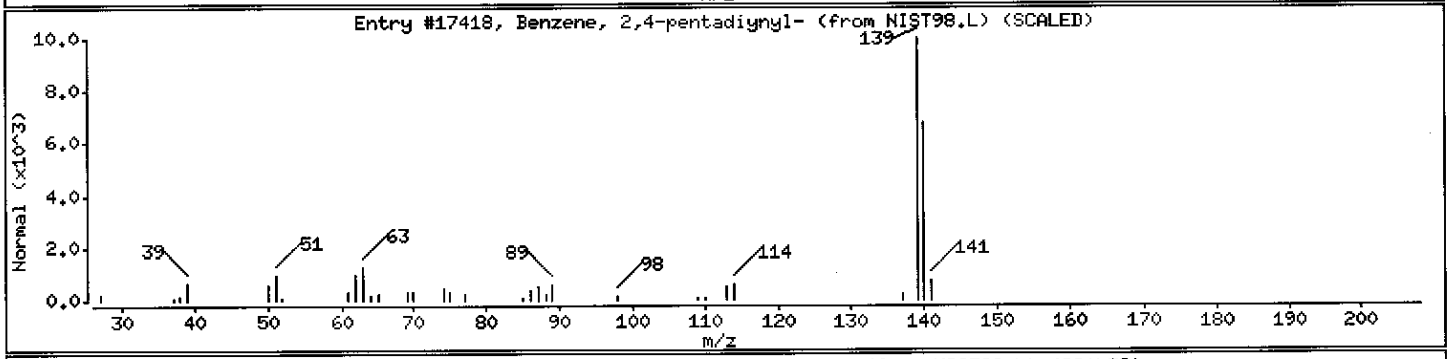
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

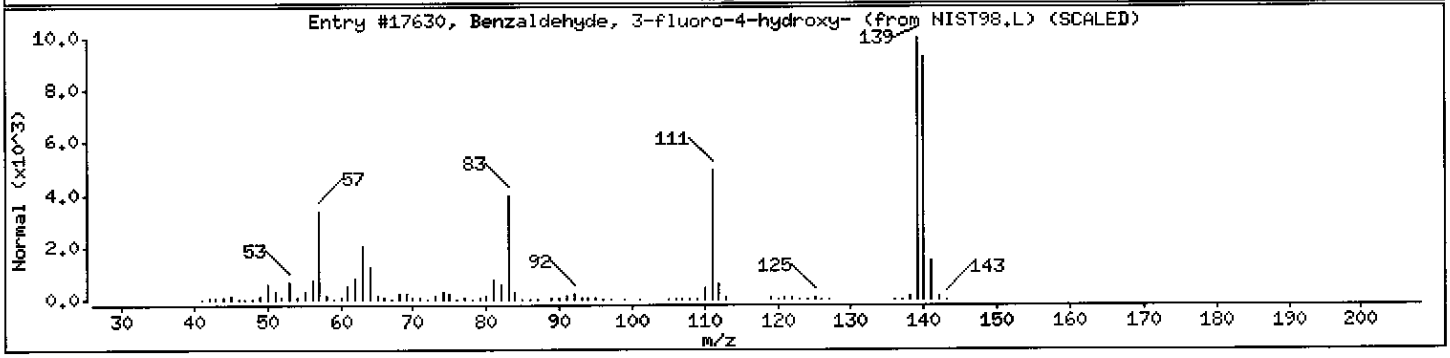
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1(2H)-Acenaphthylenone	2235-15-6	NIST98.L	34859	58	C12H8O	168
Benzene, 2,4-pentadiynyl-	41268-41-1	NIST98.L	17418	49	C11H8	140
Benzaldehyde, 3-fluoro-4-hydroxy-	405-05-0	NIST98.L	17630	49	C7H5FO2	140









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Date : 25-AUG-2005 16:10

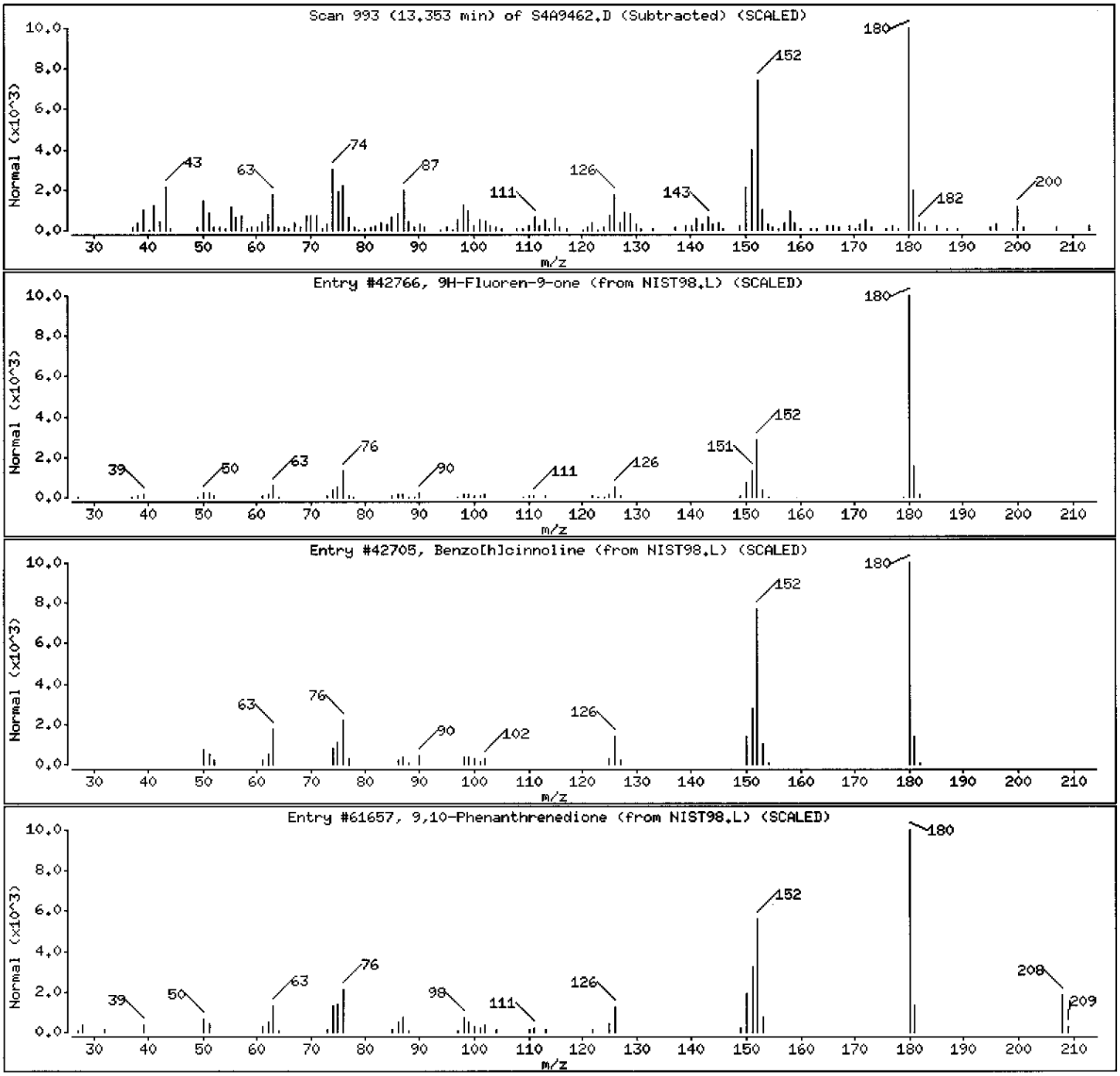
Client ID: SD02-S-0 Instrument: S4.i

Sample Info: D0926-02A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
9H-Fluoren-9-one	486-25-9	NIST98.L	42766	91	C13H8O	180
Benzo[h]cinnoline	230-31-9	NIST98.L	42705	90	C12H8N2	180
9,10-Phenanthrenedione	84-11-7	NIST98.L	61657	87	C14H8O2	208



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

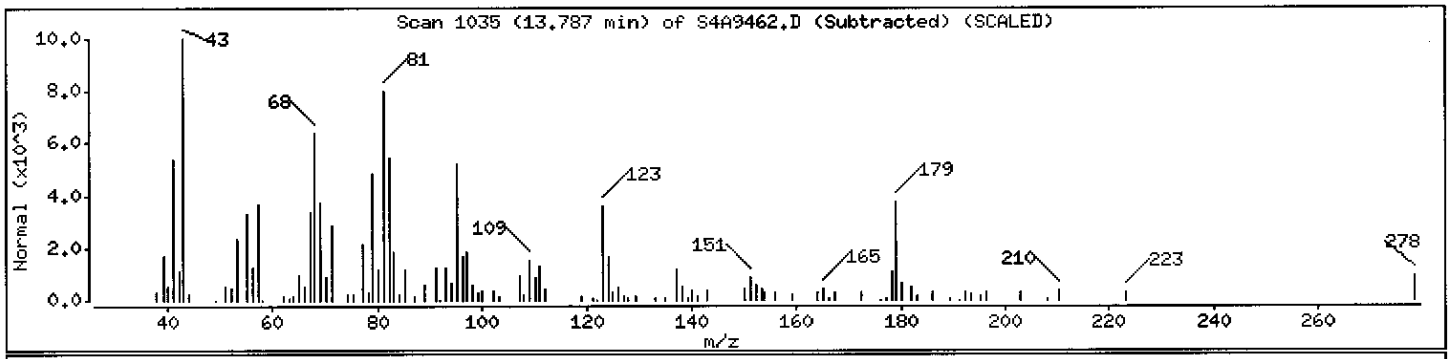
Client ID: SD02-S-0 Instrument: S4.i

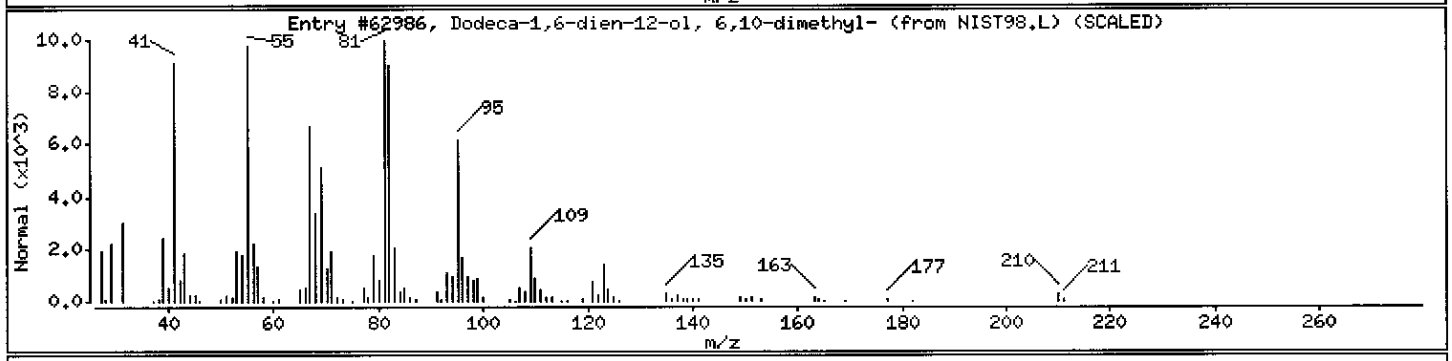
Sample Info: D0926-02A,,19468,,

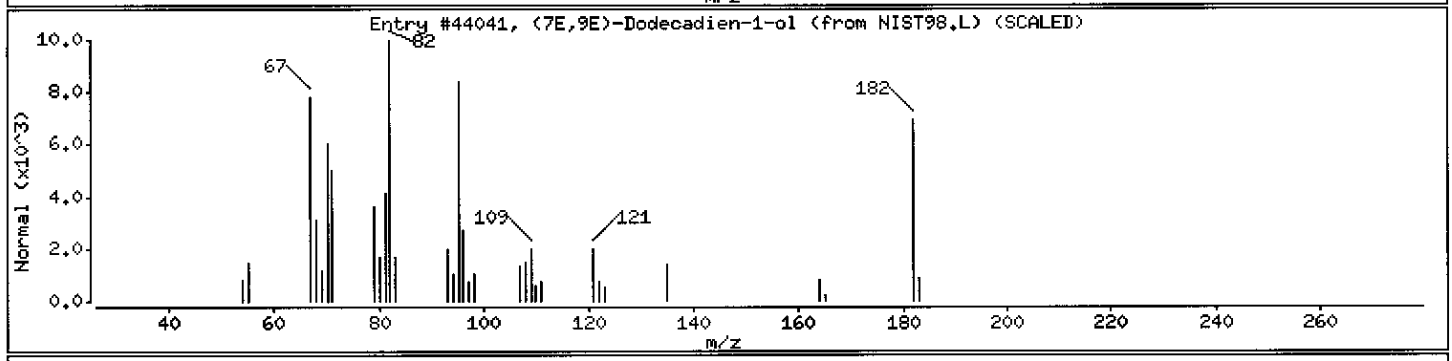
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

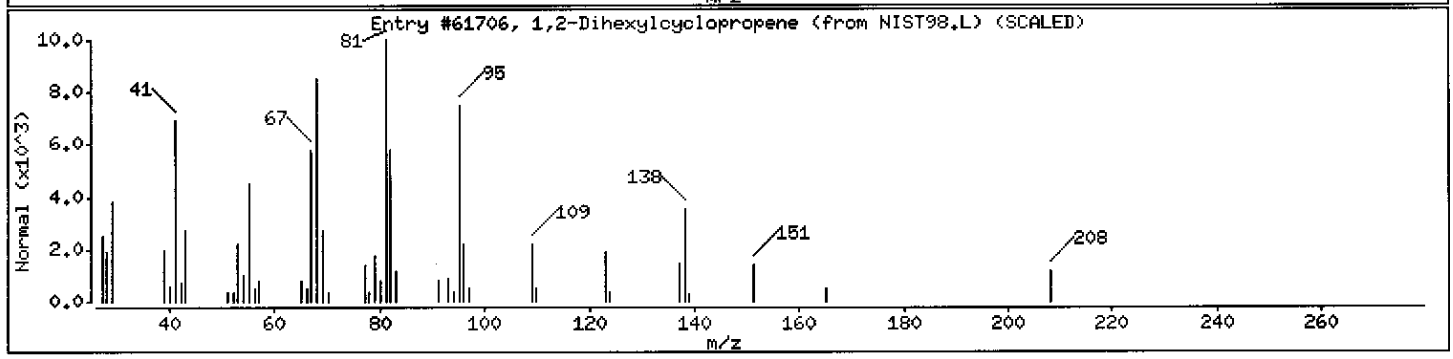
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Dodeca-1,6-dien-12-ol, 6,10-dimethyl-	1000156-13-8	NIST98.L	62986	49	C14H26O	210
(7E,9E)-Dodecadien-1-ol	54364-61-3	NIST98.L	44041	48	C12H22O	182
1,2-Dihexylcyclopropene	35365-52-7	NIST98.L	61706	47	C15H28	208









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

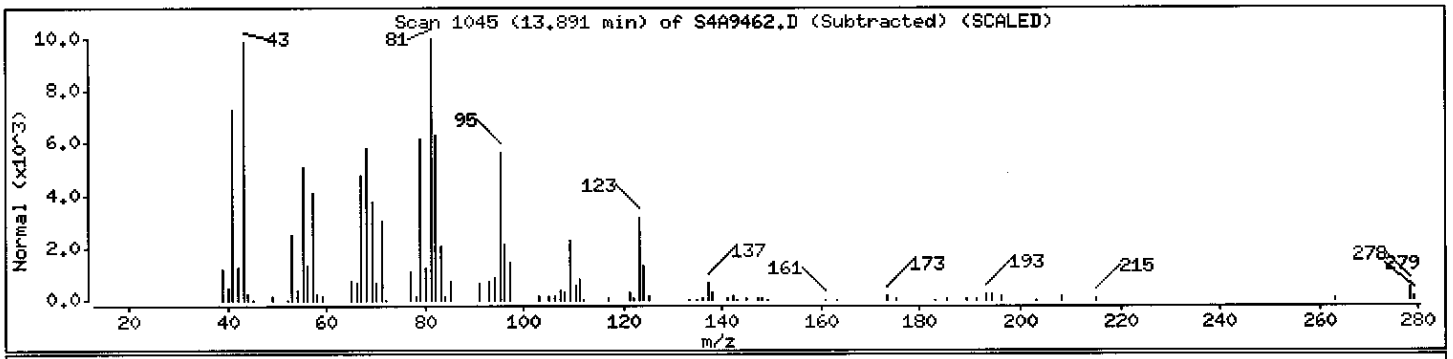
Client ID: SD02-S-0 Instrument: S4.i

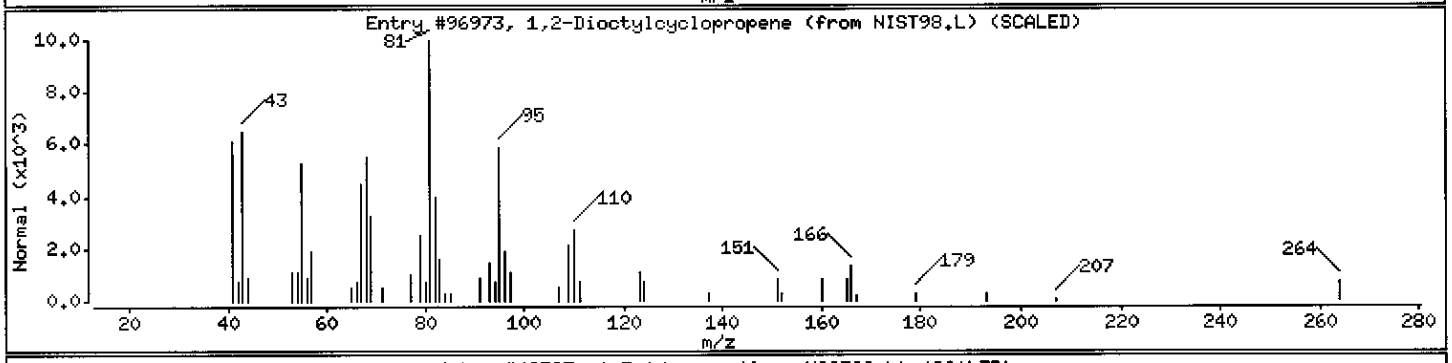
Sample Info: D0926-02A,,19468,,

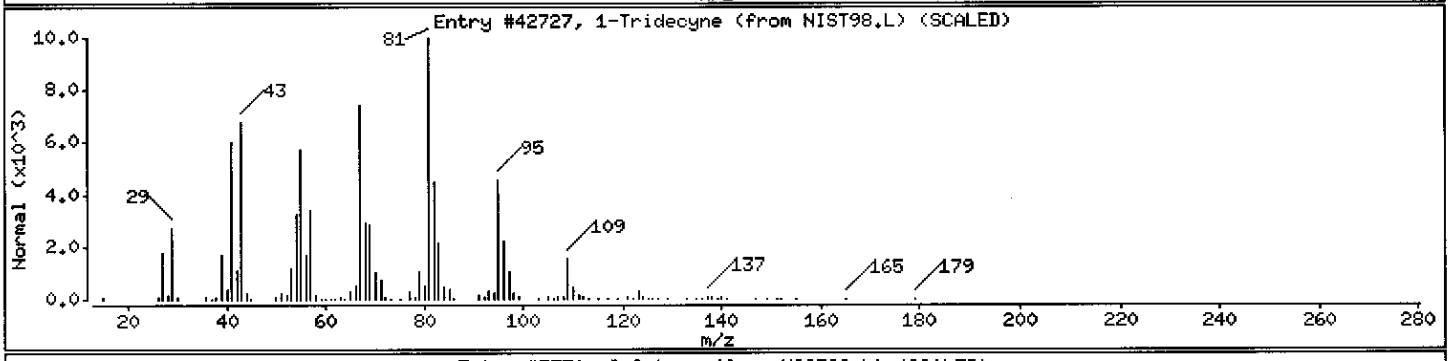
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

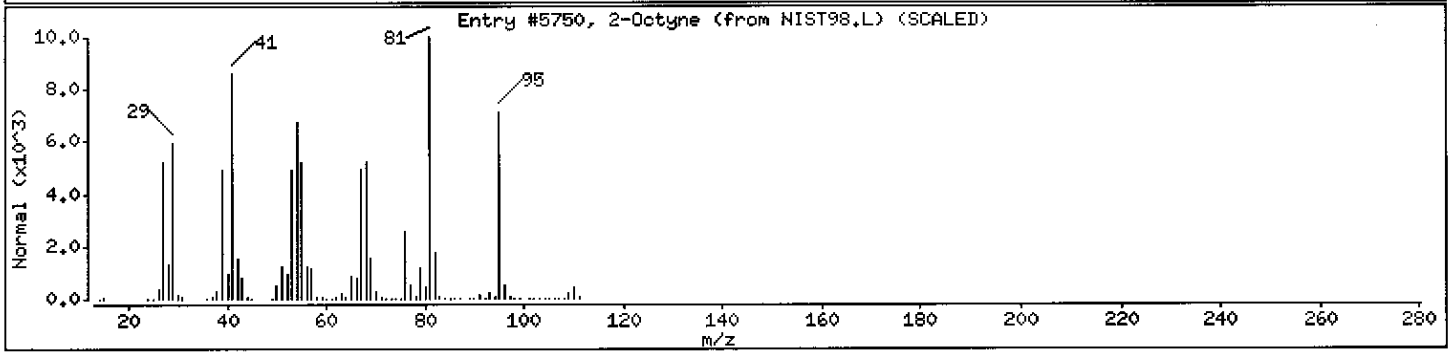
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1,2-Dioctylcyclopropene	1089-40-3	NIST98.L	96973	86	C19H36	264
1-Tridecyne	26186-02-7	NIST98.L	42727	50	C13H24	180
2-Octyne	2809-67-8	NIST98.L	5750	43	C8H14	110









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

Client ID: SD02-S-O

Instrument: S4.i

Sample Info: D0926-02A,,19468,,

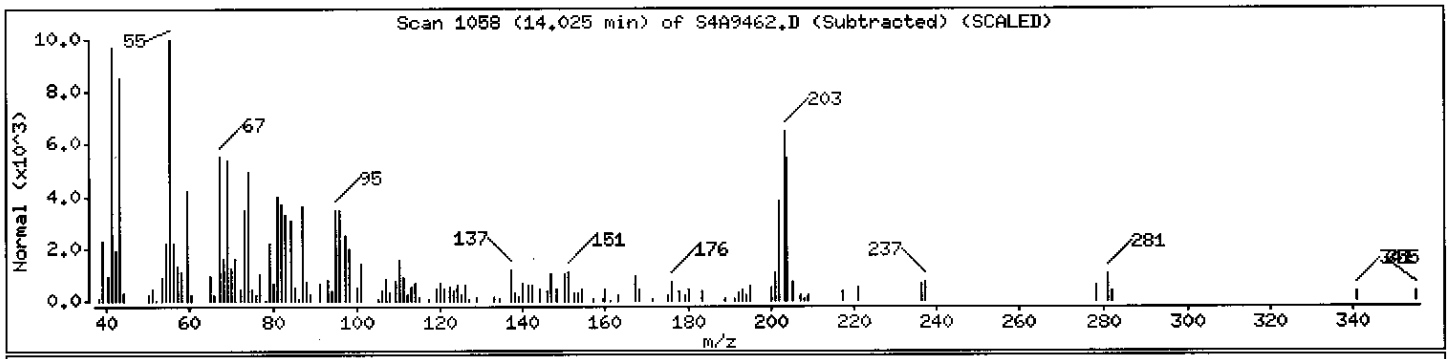
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

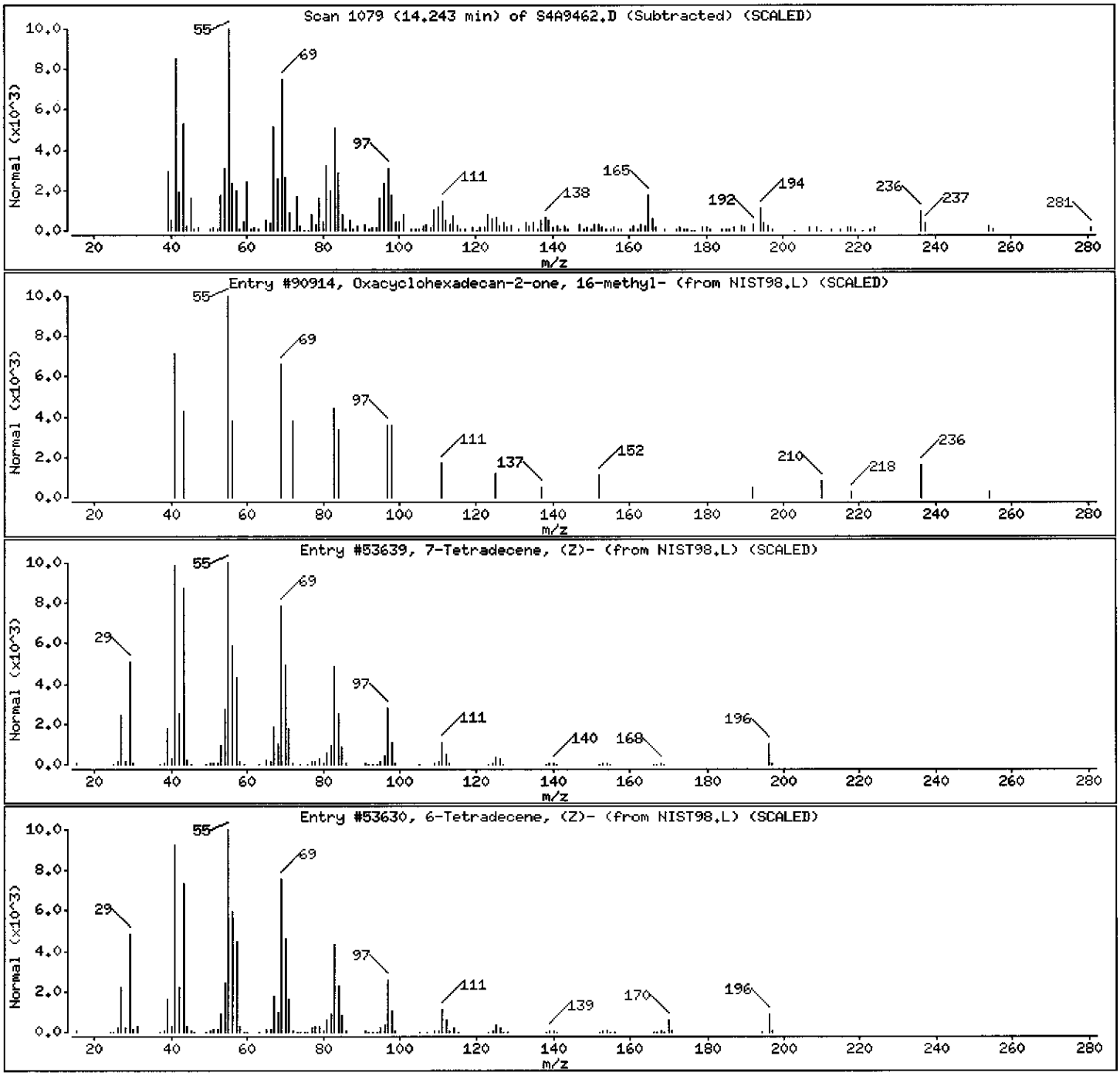
Client ID: SD02-S-0 Instrument: S4.i

Sample Info: D0926-02A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Oxacyclohexadecan-2-one, 16-methyl-	4459-57-8	NIST98.L	90914	60	C16H30O2	254
7-Tetradecene, (Z)-	41446-60-0	NIST98.L	53639	53	C14H28	196
6-Tetradecene, (Z)-	41446-61-1	NIST98.L	53630	53	C14H28	196



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Date : 25-AUG-2005 16:10

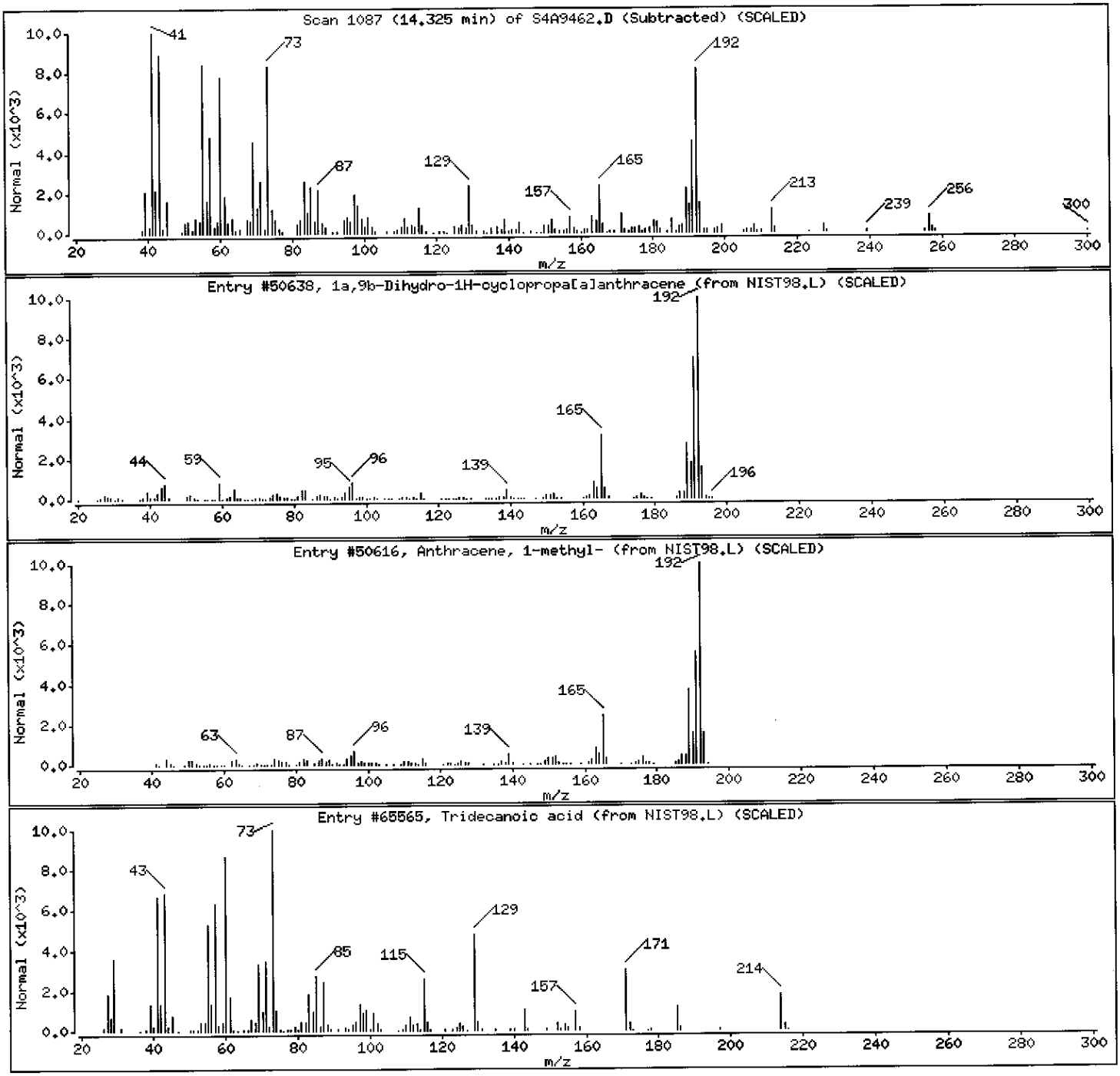
Client ID: SD02-S-0 Instrument: S4.i

Sample Info: D0926-02A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1a,9b-Dihydro-1H-cyclopropa[a]anthracene	6109-24-6	NIST98.L	50638	94	C15H12	192
Anthracene, 1-methyl-	610-48-0	NIST98.L	50616	93	C15H12	192
Tridecanoic acid	638-53-9	NIST98.L	65565	89	C13H26O2	214



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Date : 25-AUG-2005 16:10

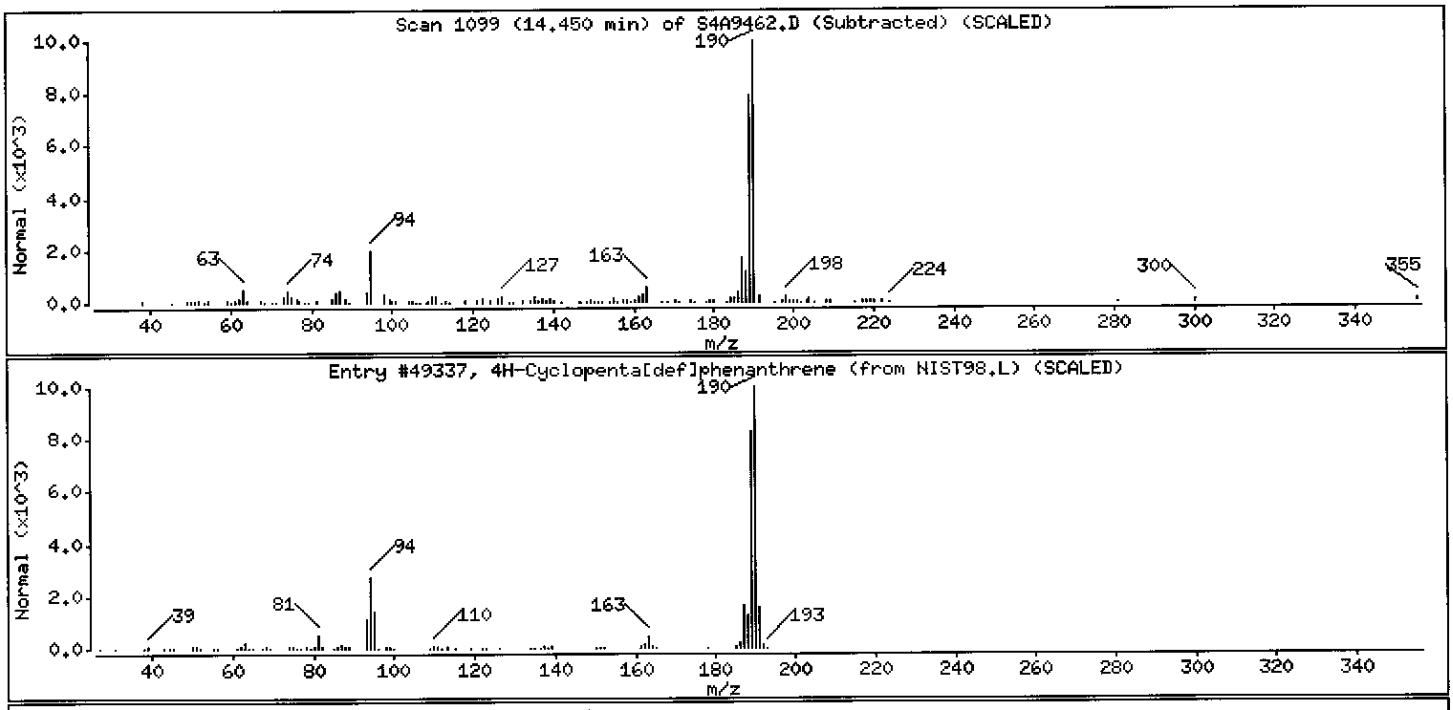
Client ID: SD02-S-0 Instrument: S4.i

Sample Info: D0926-02A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST98.L	49337	91	C15H10	190



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Date : 25-AUG-2005 16:10

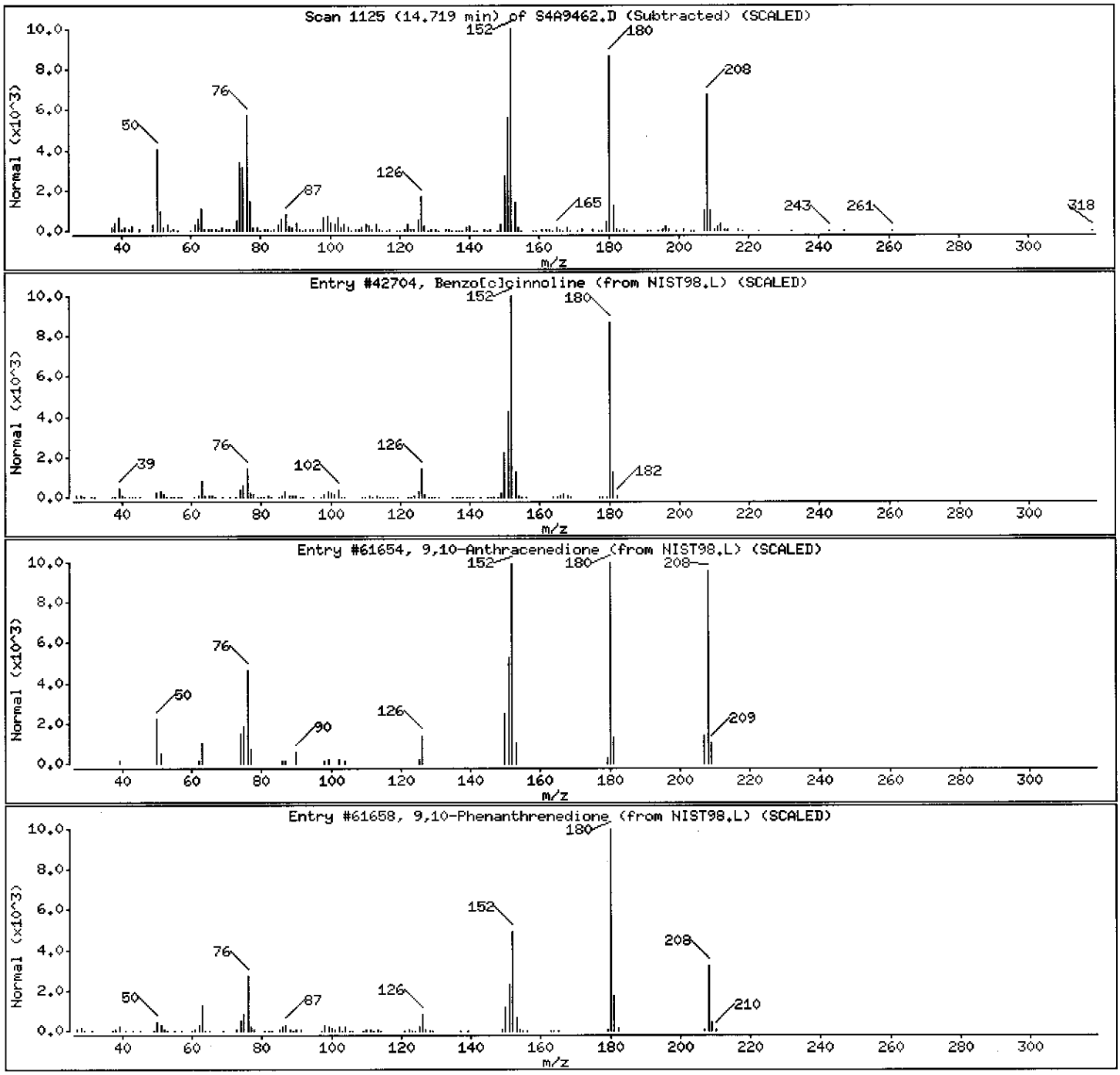
Client ID: SD02-S-0 Instrument: S4.i

Sample Info: D0926-02A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo[c]cinnoline	230-17-1	NIST98.L	42704	94	C12H8N2	180
9,10-Anthracenedione	84-65-1	NIST98.L	61654	93	C14H8O2	208
9,10-Phenanthrenedione	84-11-7	NIST98.L	61658	89	C14H8O2	208



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Date : 25-AUG-2005 16:10

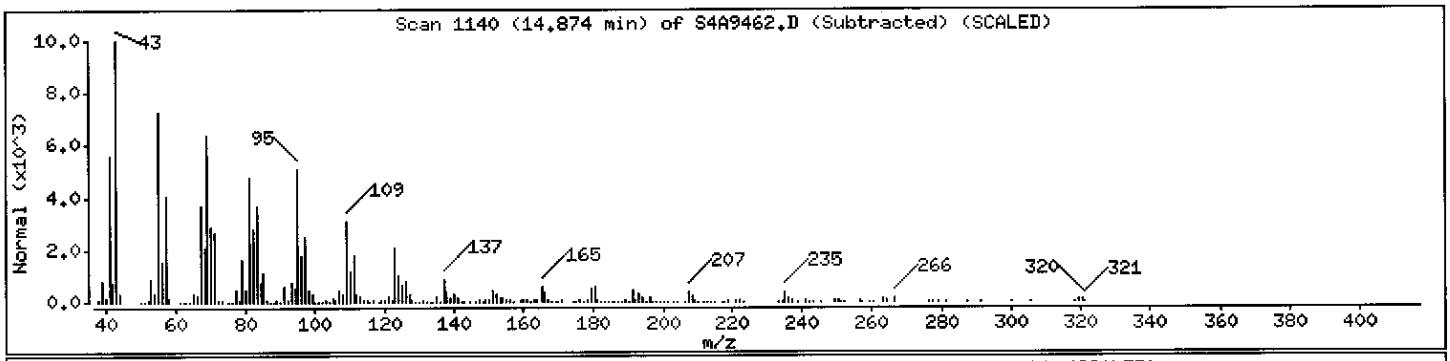
Client ID: SD02-S-0 Instrument: S4.i

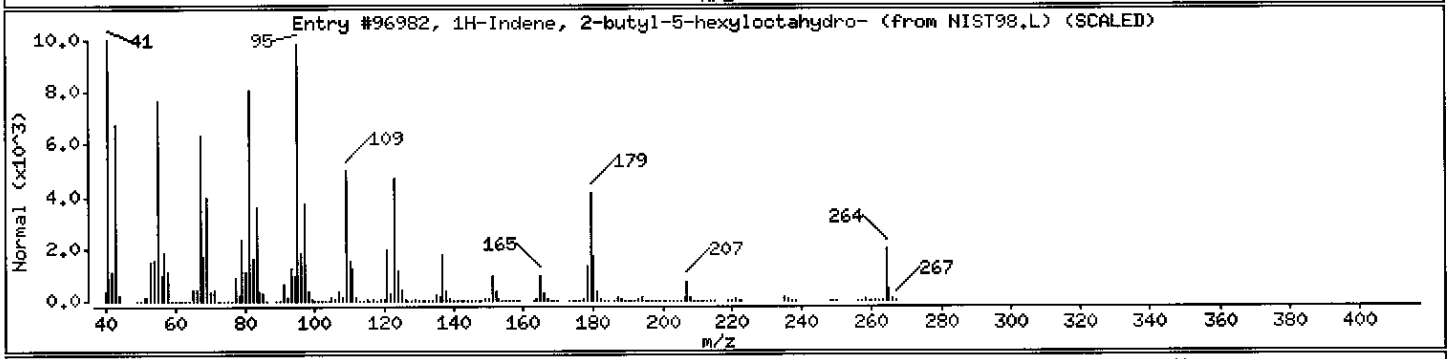
Sample Info: D0926-02A,,19468,,

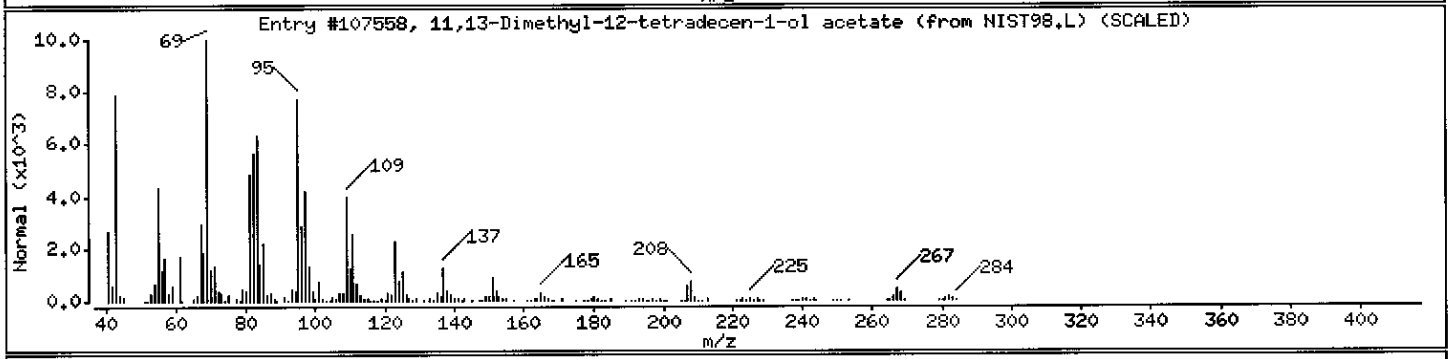
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

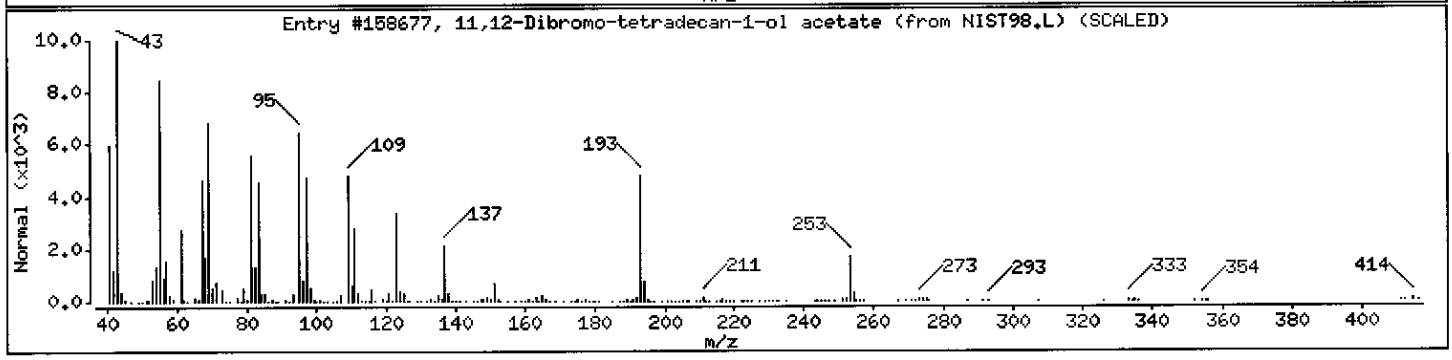
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1H-Indene, 2-butyl-5-hexyloctahydro-	55044-33-2	NIST98.L	96982	80	C19H36	264
11,13-Dimethyl-12-tetradecen-1-ol acetat	1000130-81-0	NIST98.L	107558	72	C18H3402	282
11,12-Dibromo-tetradecan-1-ol acetate	1000130-78-5	NIST98.L	158677	64	C16H30Br2O2	412









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Date : 25-AUG-2005 16:10

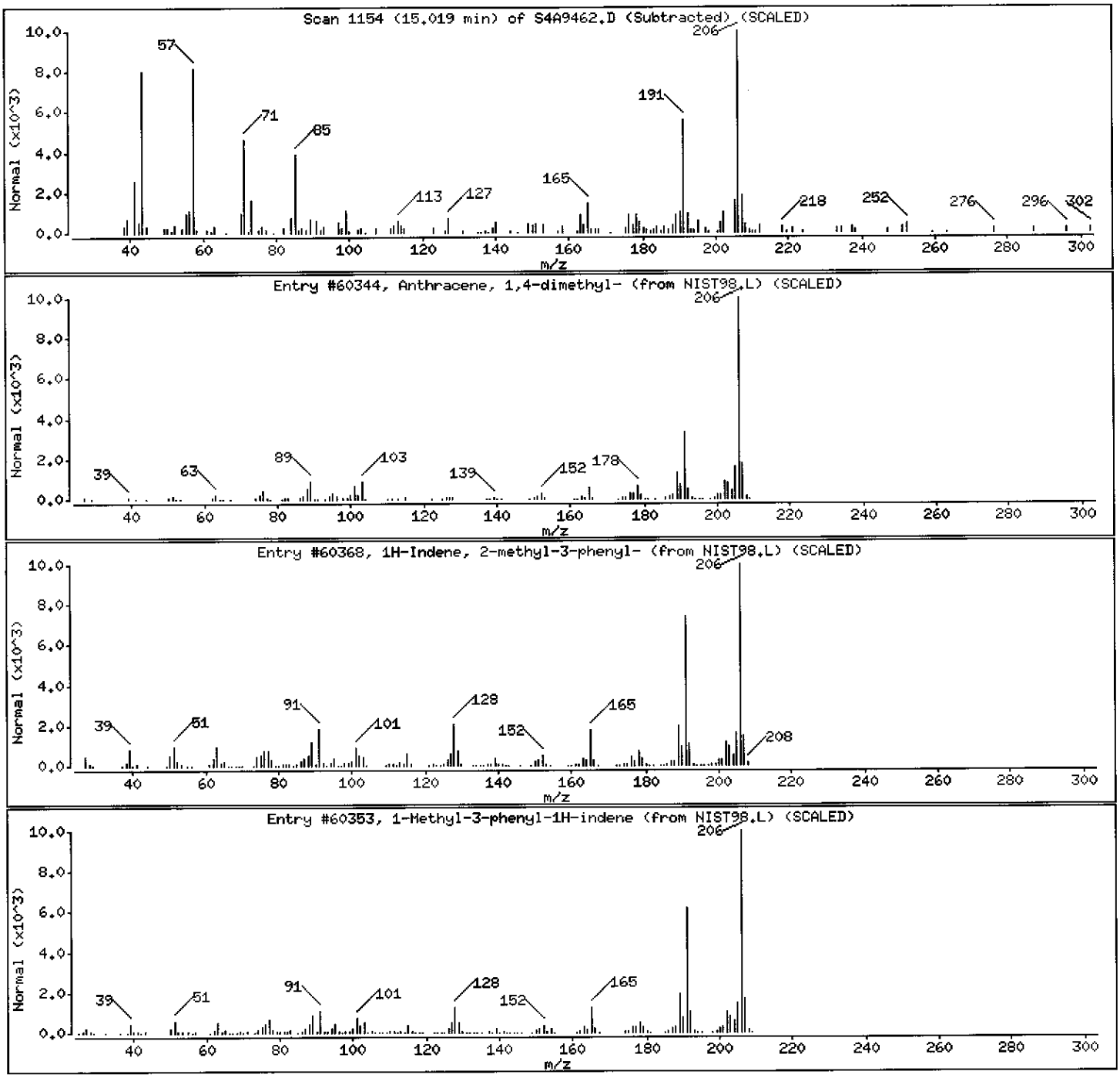
Client ID: SD02-S-0 Instrument: S4.i

Sample Info: D0926-02A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Anthracene, 1,4-dimethyl-	781-92-0	NIST98.L	60344	60	C16H14	206
1H-Indene, 2-methyl-3-phenyl-	35099-60-6	NIST98.L	60368	60	C16H14	206
1-Methyl-3-phenyl-1H-indene	22360-62-9	NIST98.L	60353	60	C16H14	206



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Date : 25-AUG-2005 16:10

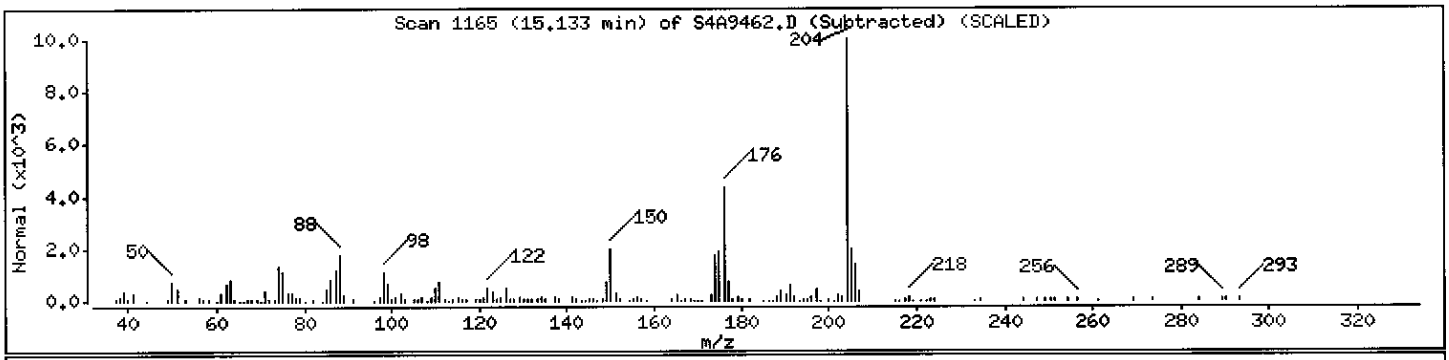
Client ID: SD02-S-0 Instrument: S4.i

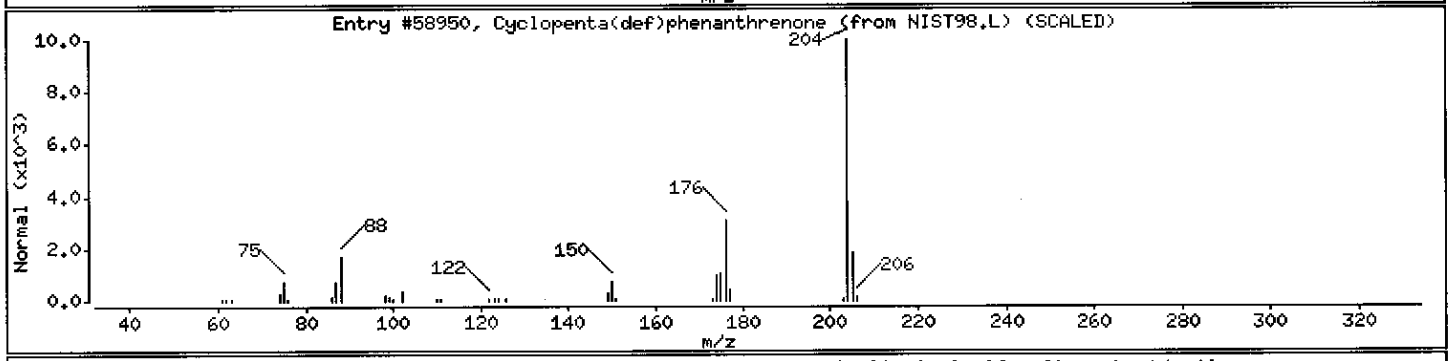
Sample Info: D0926-02A,,19468,,

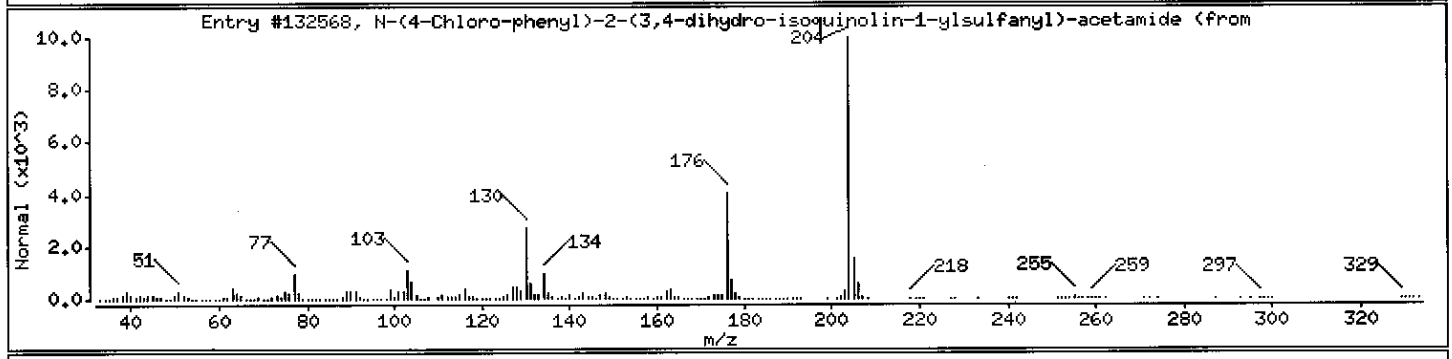
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclopenta(def)phenanthrenone	5737-13-3	NIST98.L	58950	83	C15H8O	204
N-(4-Chloro-phenyl)-2-(3,4-dihydro-isoqu	1000296-34-3	NIST98.L	132568	40	C17H15ClN2OS	330







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Date : 25-AUG-2005 16:10

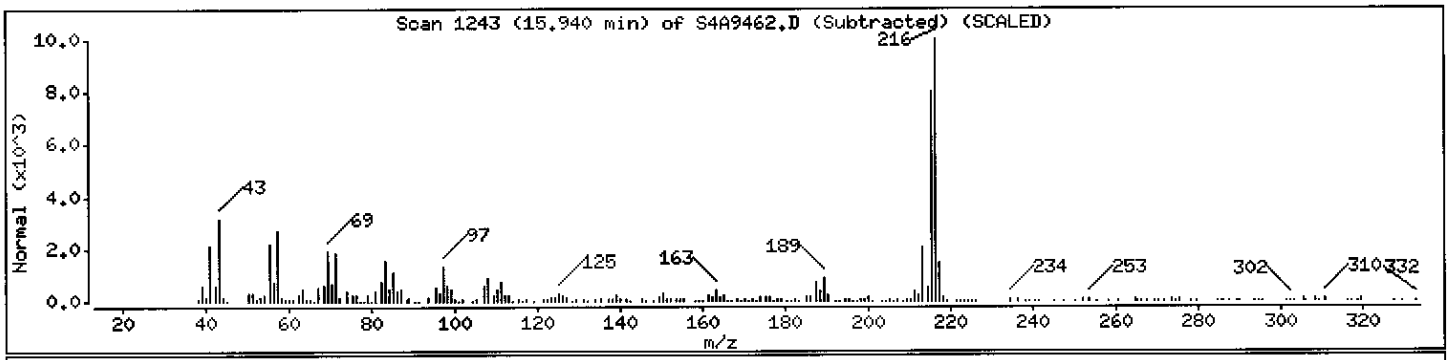
Client ID: SD02-S-0 Instrument: S4.i

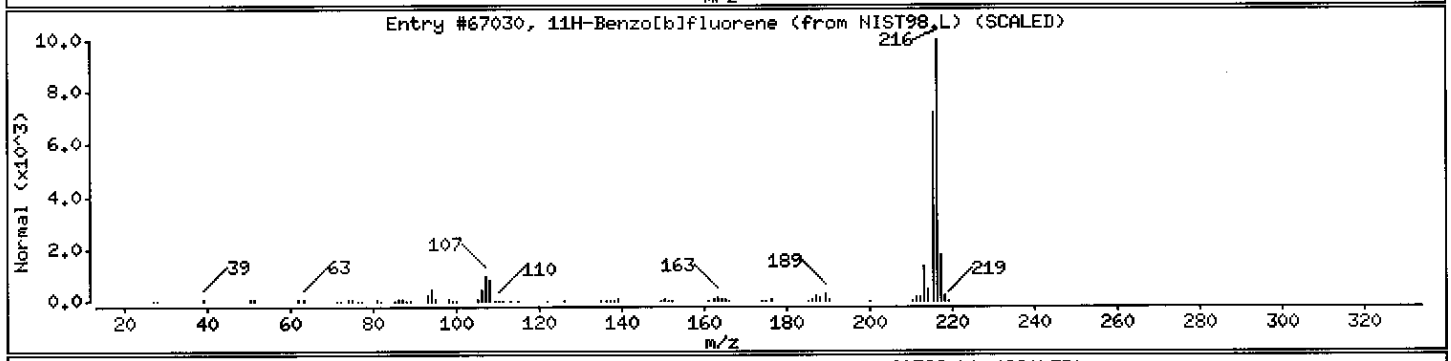
Sample Info: D0926-02A,,19468,,

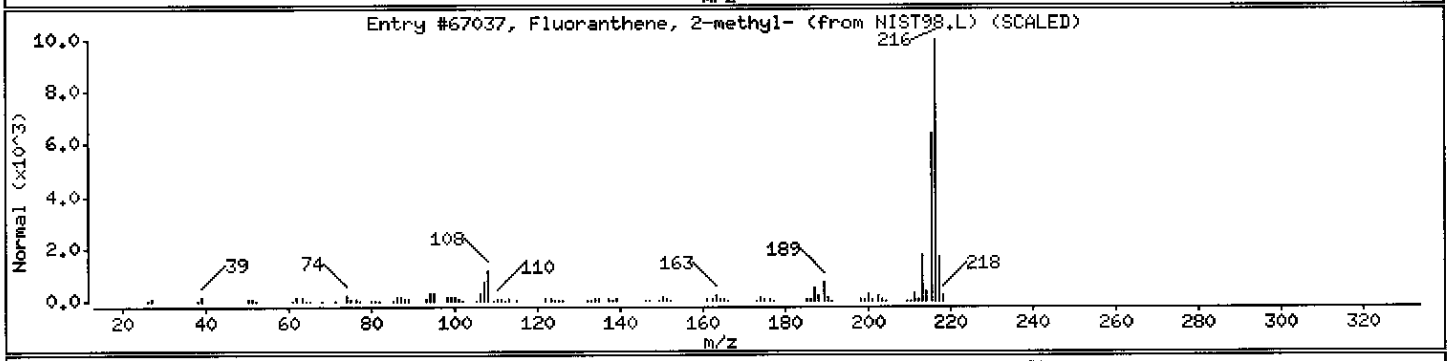
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

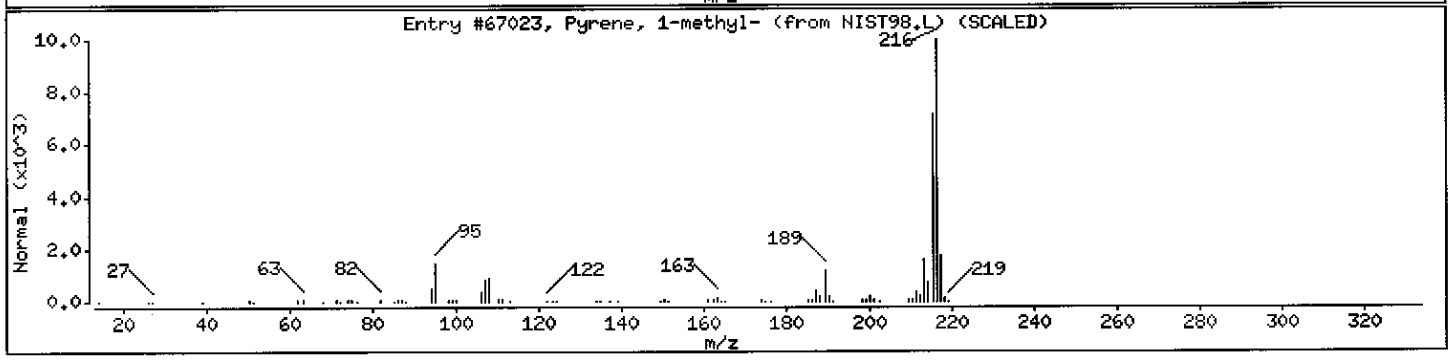
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Benzo[b]fluorene	243-17-4	NIST98.L	67030	93	C17H12	216
Fluoranthene, 2-methyl-	33543-31-6	NIST98.L	67037	89	C17H12	216
Pyrene, 1-methyl-	2381-21-7	NIST98.L	67023	83	C17H12	216









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Date : 25-AUG-2005 16:10

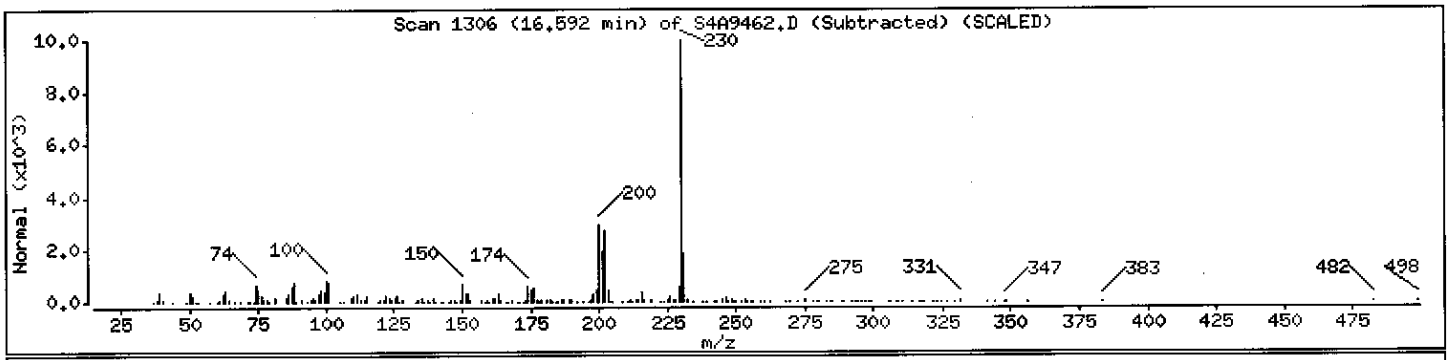
Client ID: SD02-S-0 Instrument: S4.i

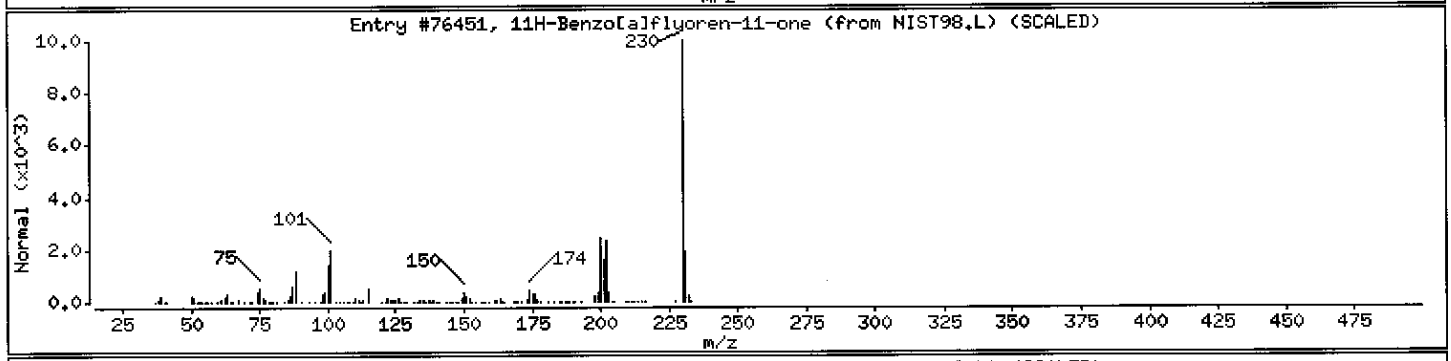
Sample Info: D0926-02A,,19468,,

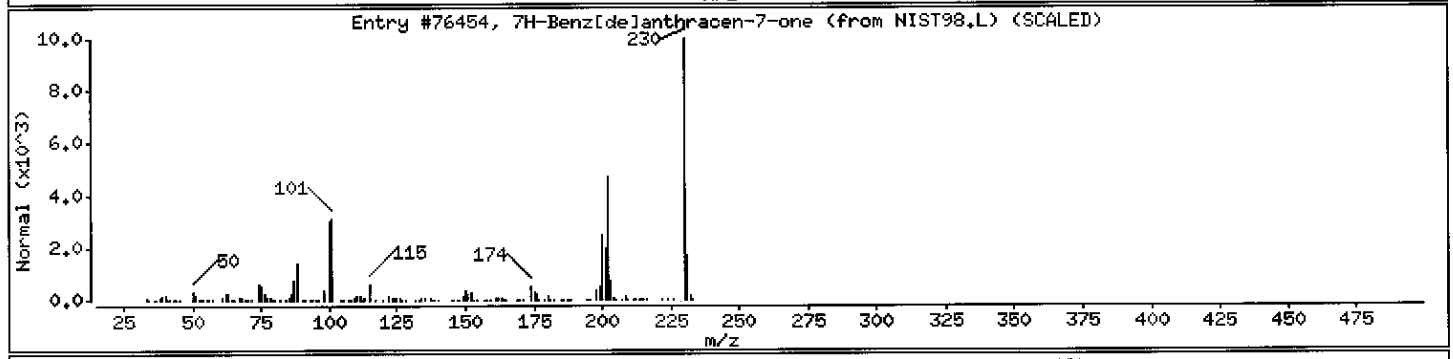
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

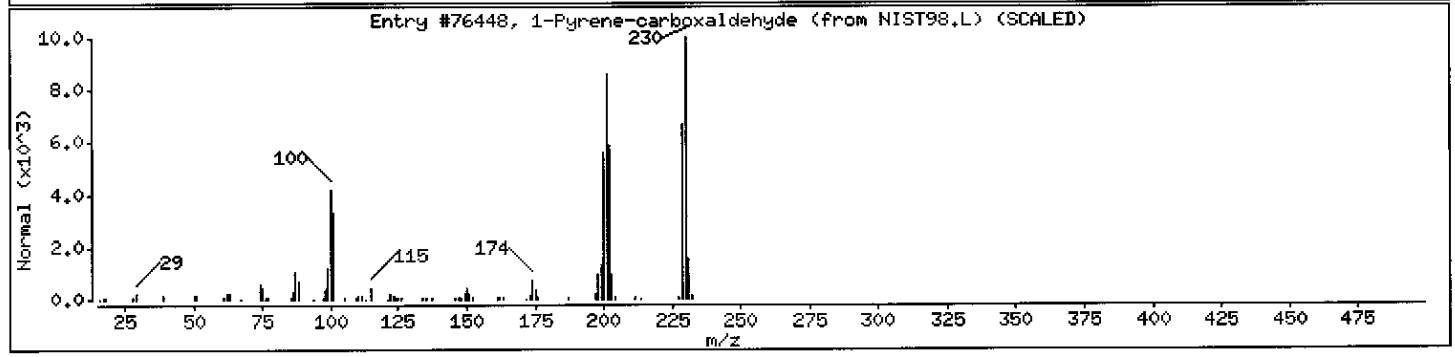
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Benzo[a]fluoren-11-one	479-79-8	NIST98.L	76451	93	C17H10O	230
7H-Benz[de]anthracen-7-one	82-05-3	NIST98.L	76454	64	C17H10O	230
1-Pyrene-carboxaldehyde	3029-19-4	NIST98.L	76448	56*	C17H10O	230









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Date : 25-AUG-2005 16:10

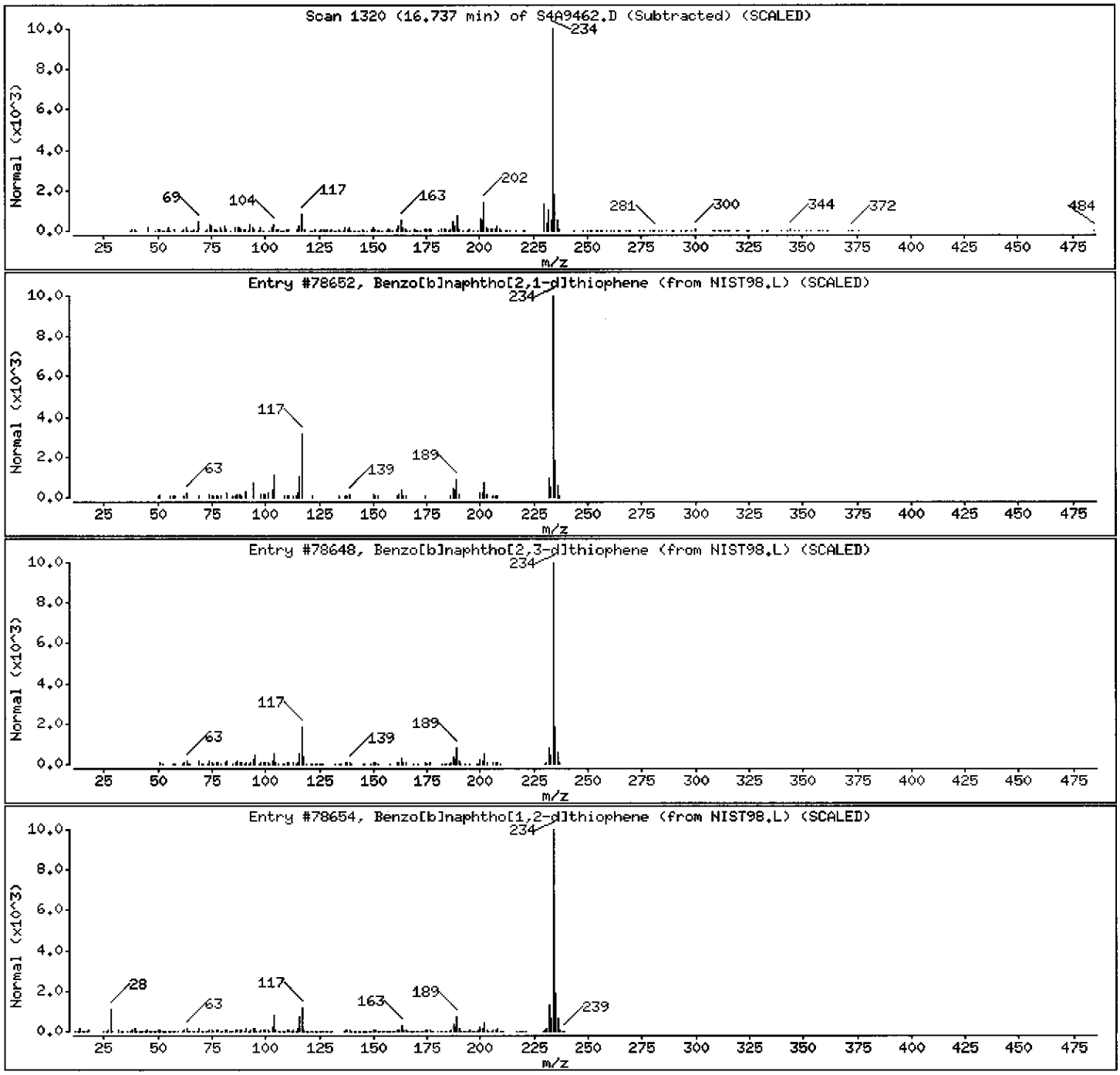
Client ID: SD02-S-0 Instrument: S4.i

Sample Info: D0926-02A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo[b]naphtho[2,1-d]thiophene	239-35-0	NIST98.L	78652	87	C16H10S	234
Benzo[b]naphtho[2,3-d]thiophene	243-46-9	NIST98.L	78648	74	C16H10S	234
Benzo[b]naphtho[1,2-d]thiophene	205-43-6	NIST98.L	78654	70	C16H10S	234



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Date : 25-AUG-2005 16:10

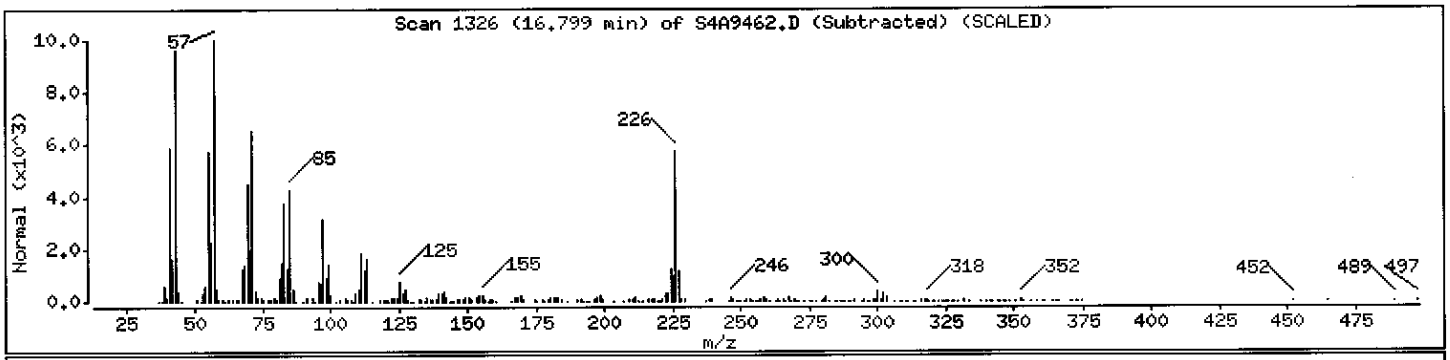
Client ID: SD02-S-0 Instrument: S4.i

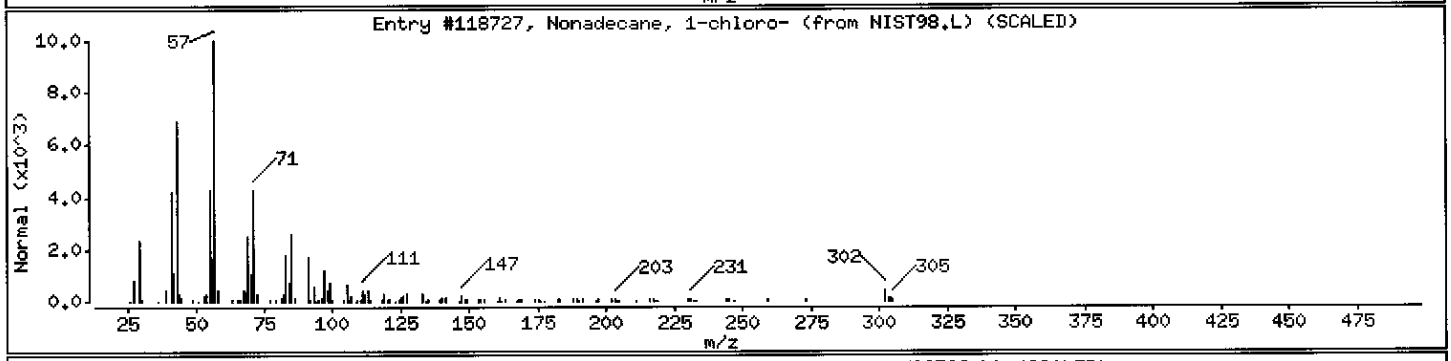
Sample Info: D0926-02A,,19468,,

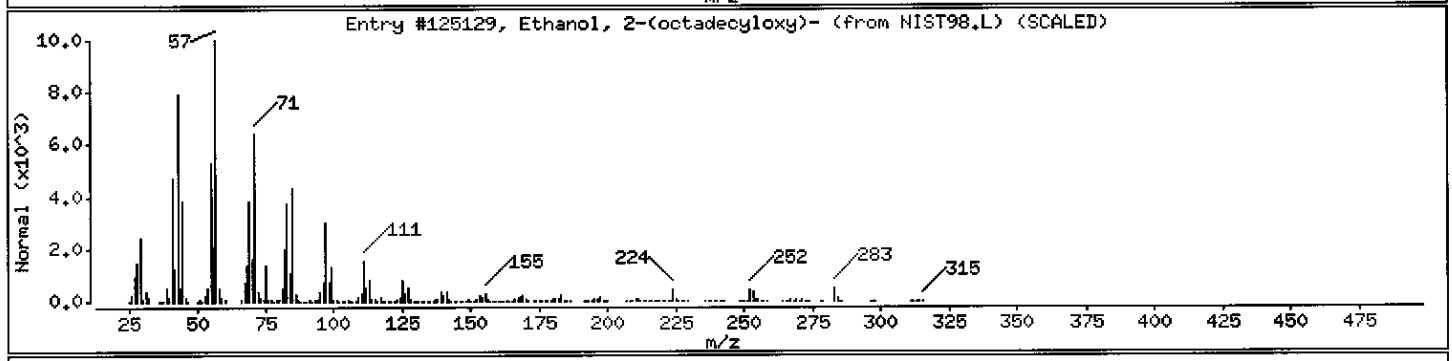
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

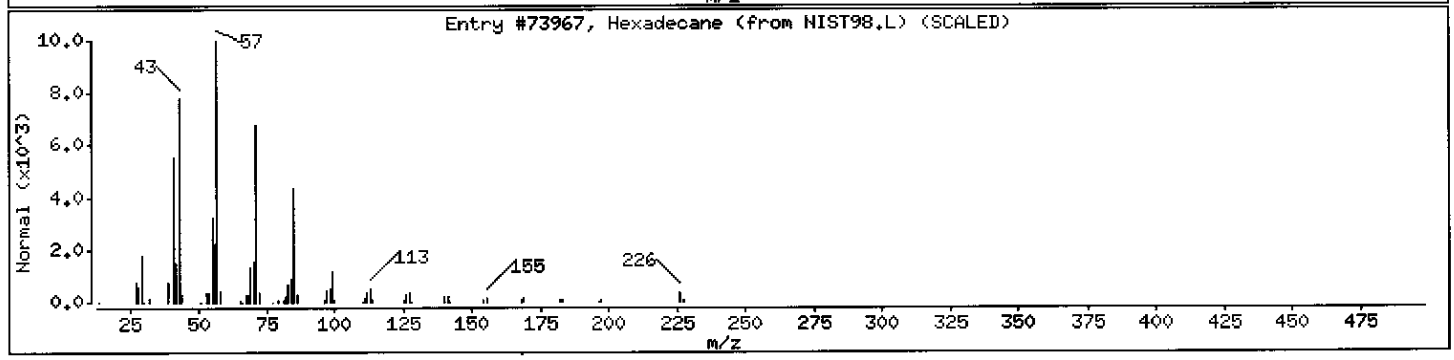
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Nonadecane, 1-chloro-	62016-76-6	NIST98.L	118727	90	C19H39Cl	302
Ethanol, 2-(octadecyloxy)-	2136-72-3	NIST98.L	125129	78	C20H42O2	314
Hexadecane	544-76-3	NIST98.L	73967	70	C16H34	226









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Date : 25-AUG-2005 16:10

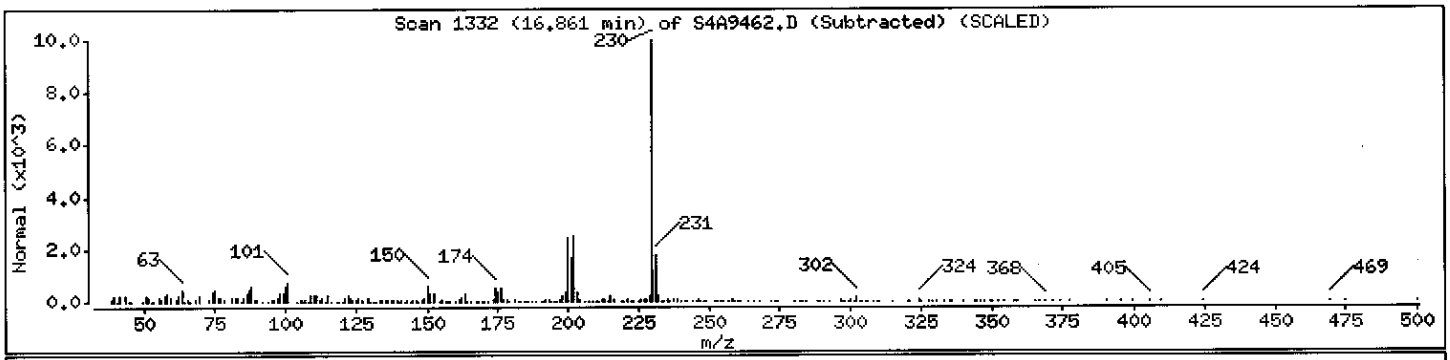
Client ID: SD02-S-0 Instrument: S4.i

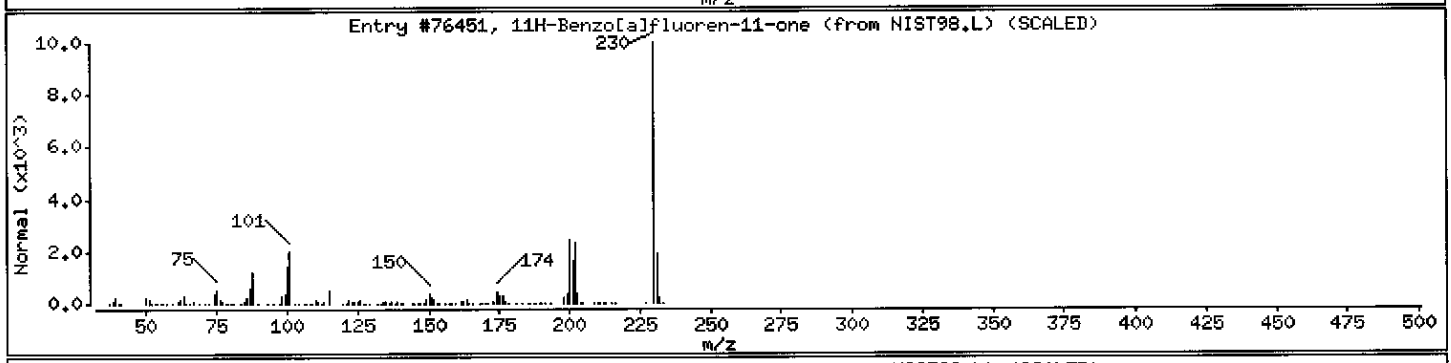
Sample Info: D0926-02A,,19468,,

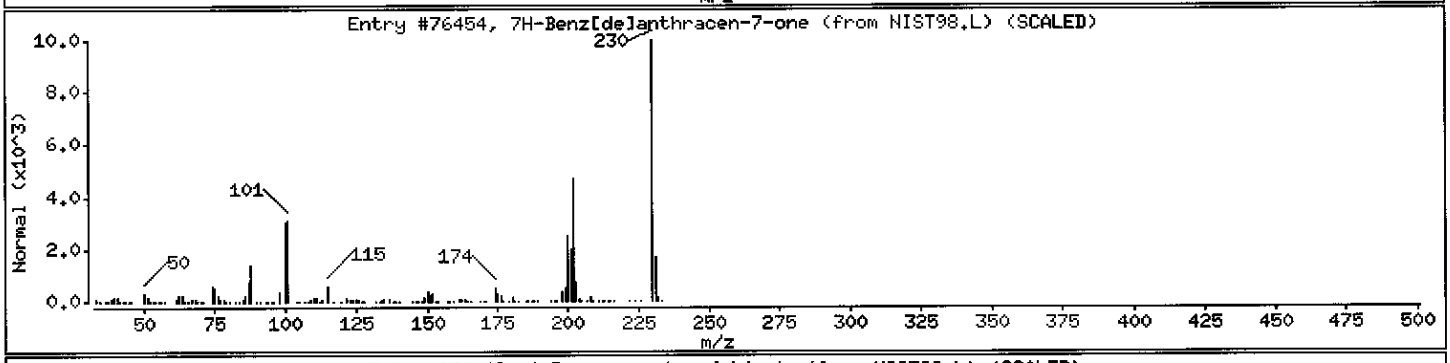
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

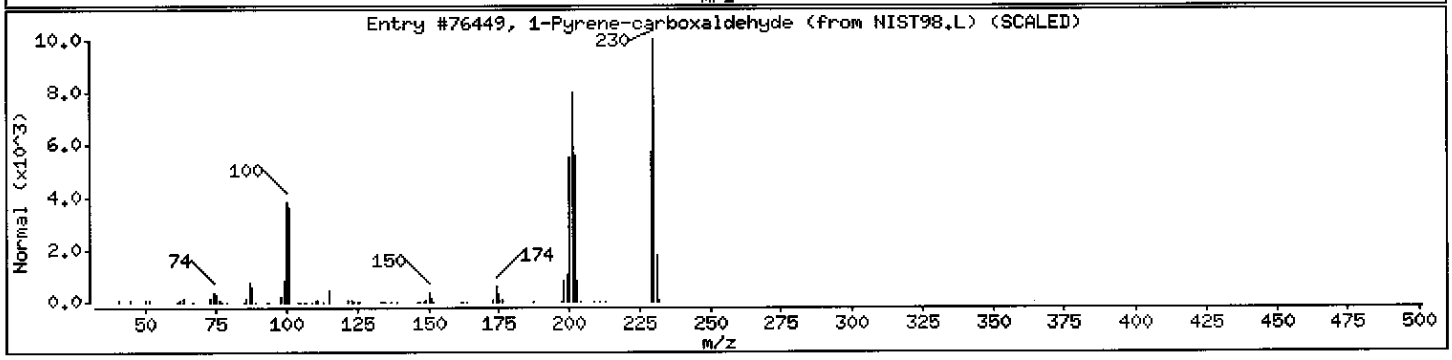
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Benzo[a]fluoren-11-one	479-79-8	NIST98.L	76451	96	C17H10O	230
7H-Benz[de]anthracen-7-one	82-05-3	NIST98.L	76454	87	C17H10O	230
1-Pyrene-carboxaldehyde	3029-19-4	NIST98.L	76449	78	C17H10O	230









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Date : 25-AUG-2005 16:10

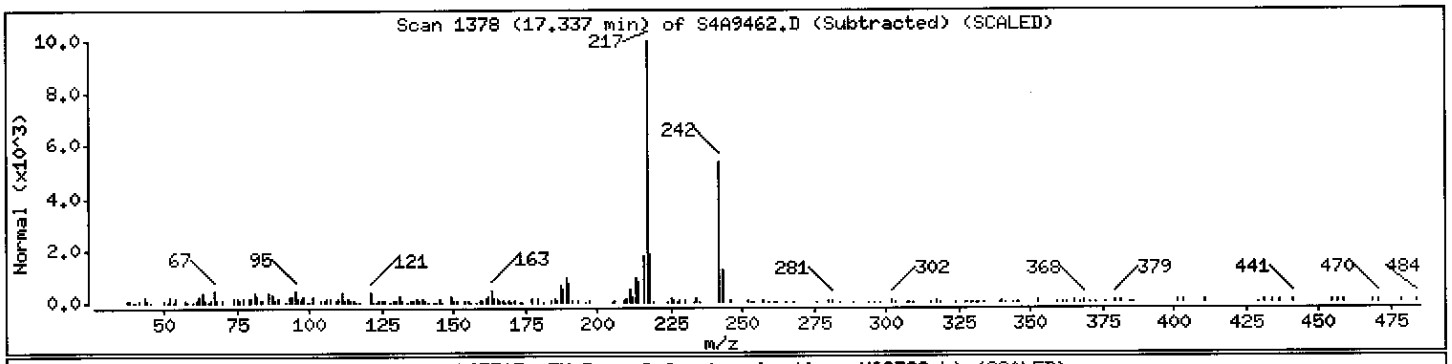
Client ID: SD02-S-0 Instrument: S4.i

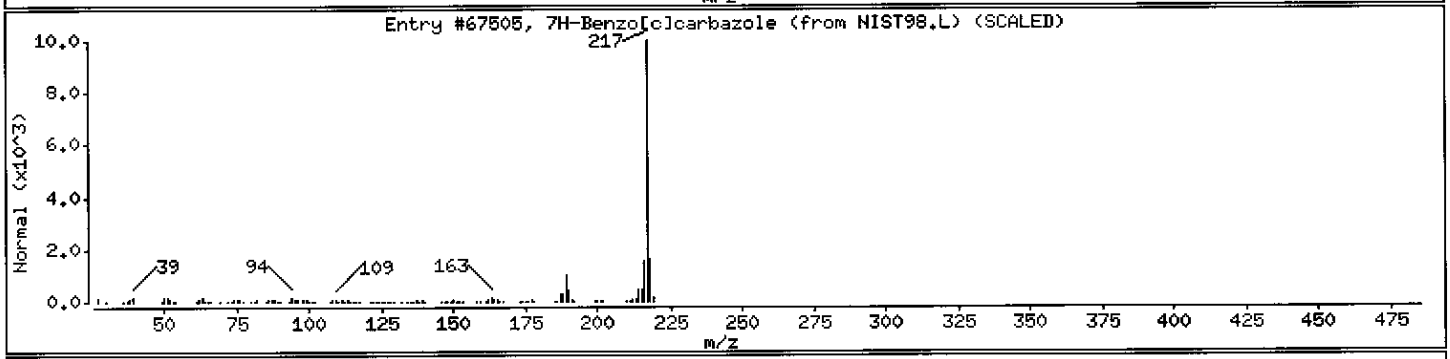
Sample Info: D0926-02A,,19468,,

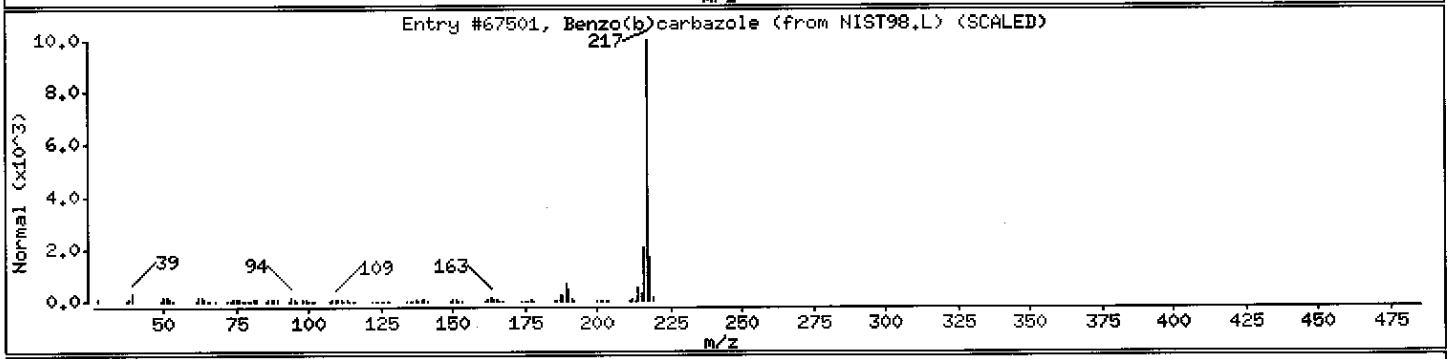
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

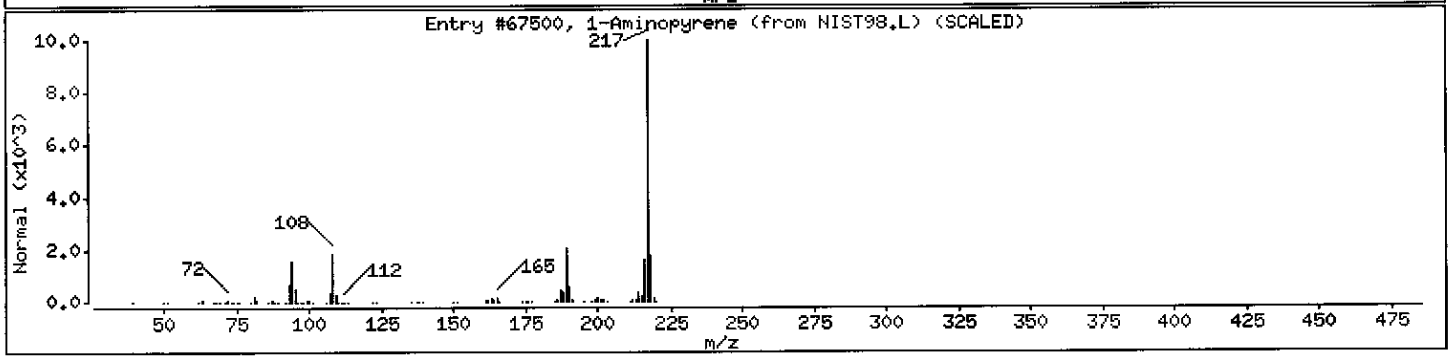
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
7H-Benzo[c]carbazole	205-25-4	NIST98.L	67505	64	C16H11N	217
Benzo(b)carbazole	243-28-7	NIST98.L	67501	64	C16H11N	217
1-Aminopyrene	1606-67-3	NIST98.L	67500	60	C16H11N	217









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Date : 25-AUG-2005 16:10

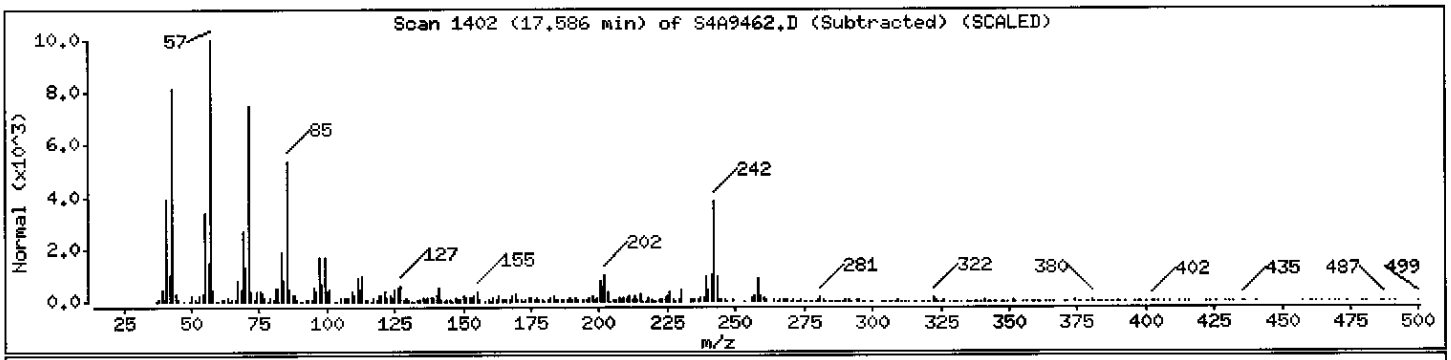
Client ID: SD02-S-0 Instrument: S4.i

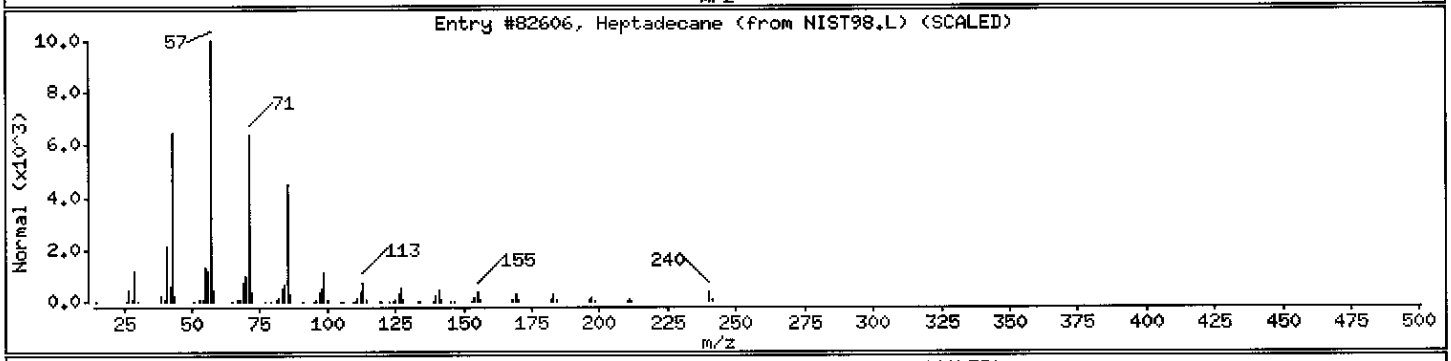
Sample Info: D0926-02A,,19468,,

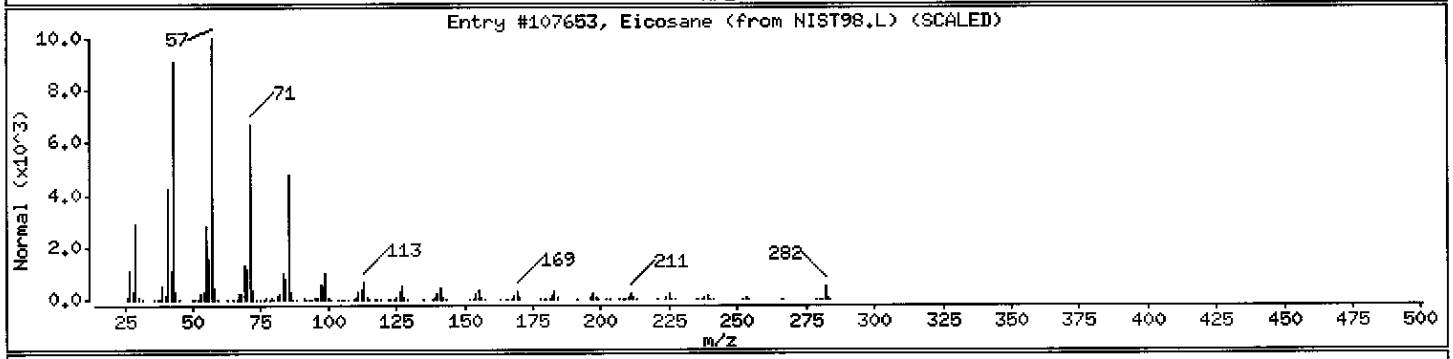
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

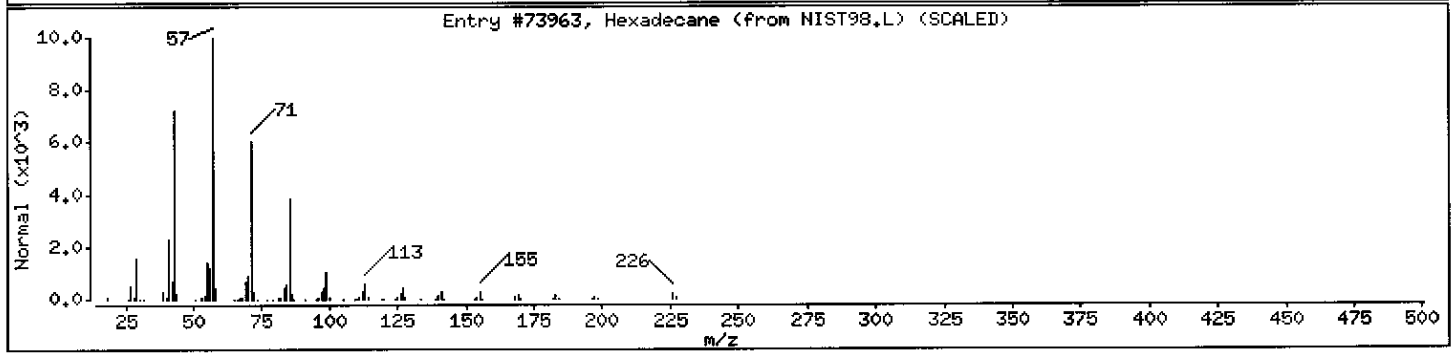
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Heptadecane	629-78-7	NIST98.L	82606	95	C17H36	240
Eicosane	112-95-8	NIST98.L	107653	95	C20H42	282
Hexadecane	544-76-3	NIST98.L	73963	95	C16H34	226









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

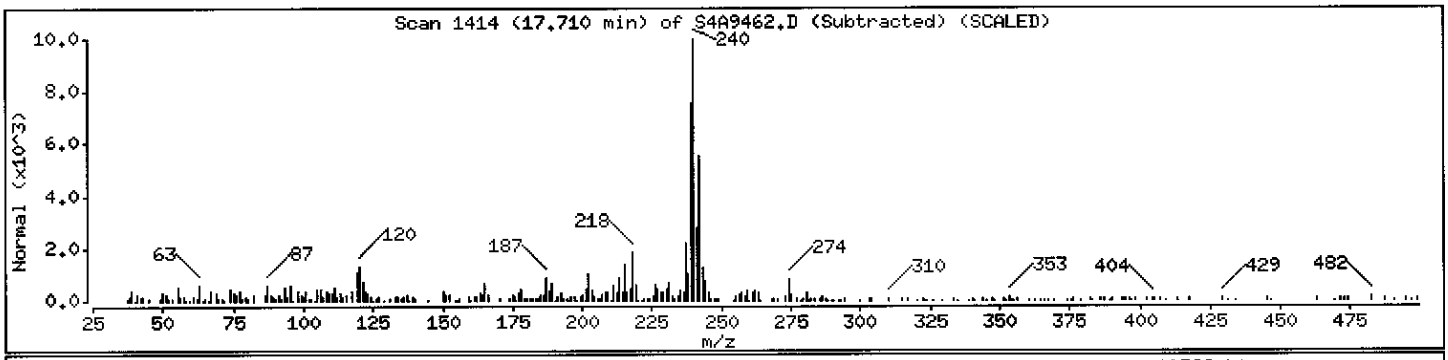
Client ID: SD02-S-0 Instrument: S4.i

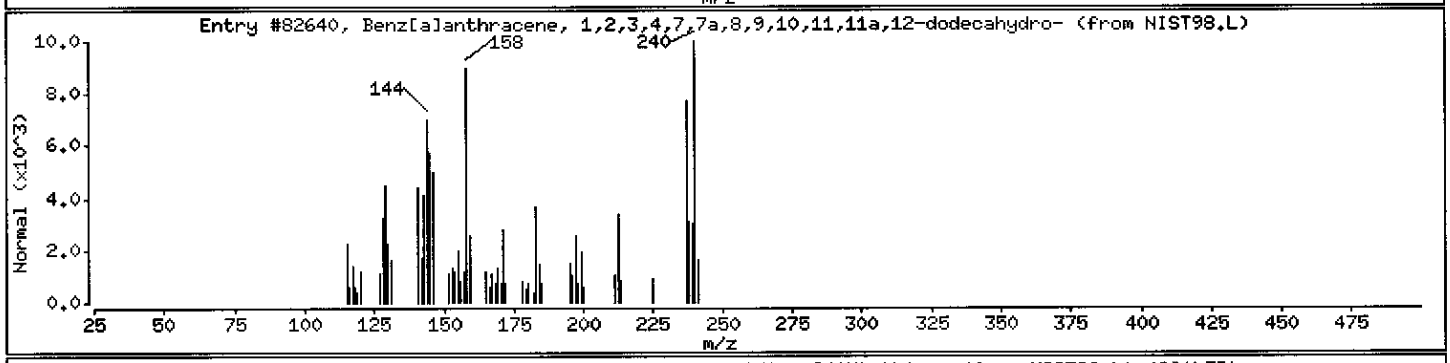
Sample Info: D0926-02A,,19468,,

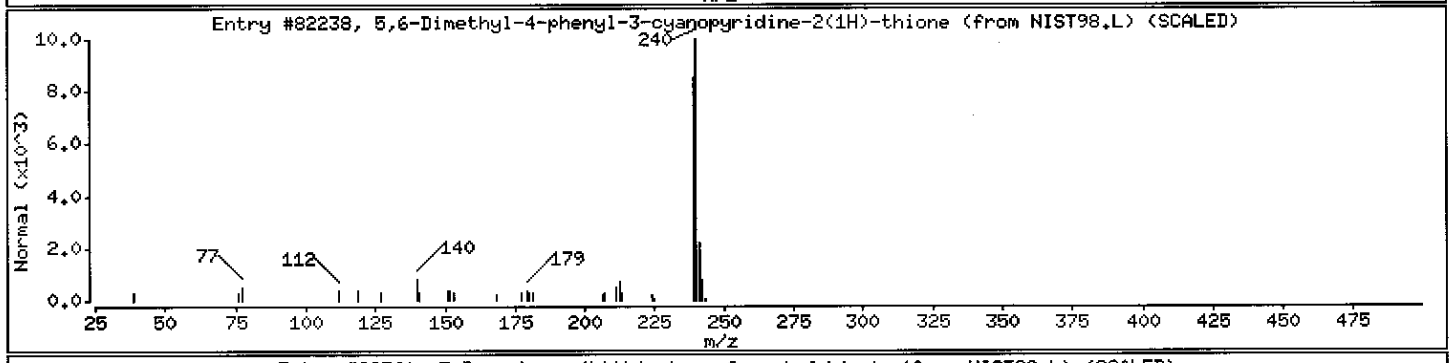
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

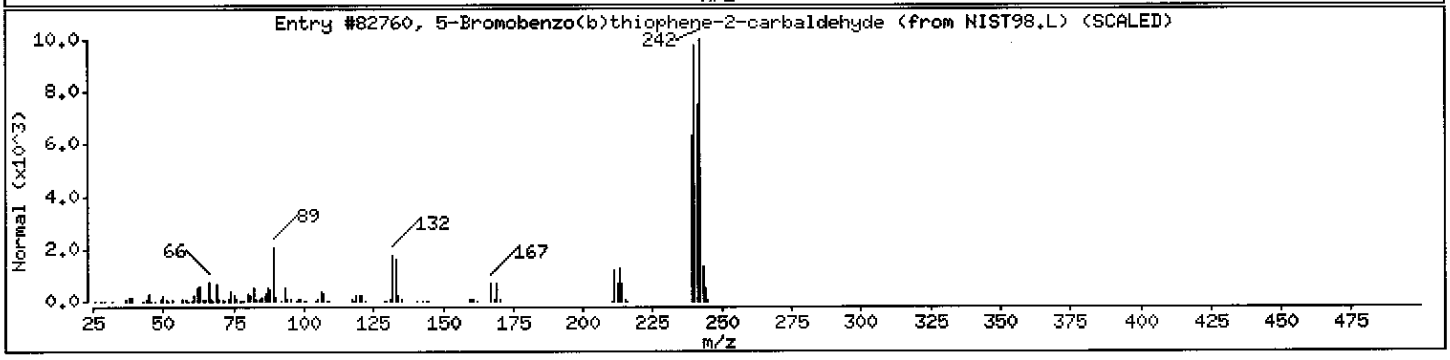
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Benz[a]anthracene, 1,2,3,4,7,7a,8,9,10,1	16452-37-2	NIST98.L	82640	78	C18H24	240
5,6-Dimethyl-4-phenyl-3-cyanopyridine-2(	94639-18-6	NIST98.L	82238	62	C14H12N2S	240
5-Bromobenzo(b)thiophene-2-carbaldehyde	7312-18-7	NIST98.L	82760	47	C9H5BrOS	240









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Date : 25-AUG-2005 16:10

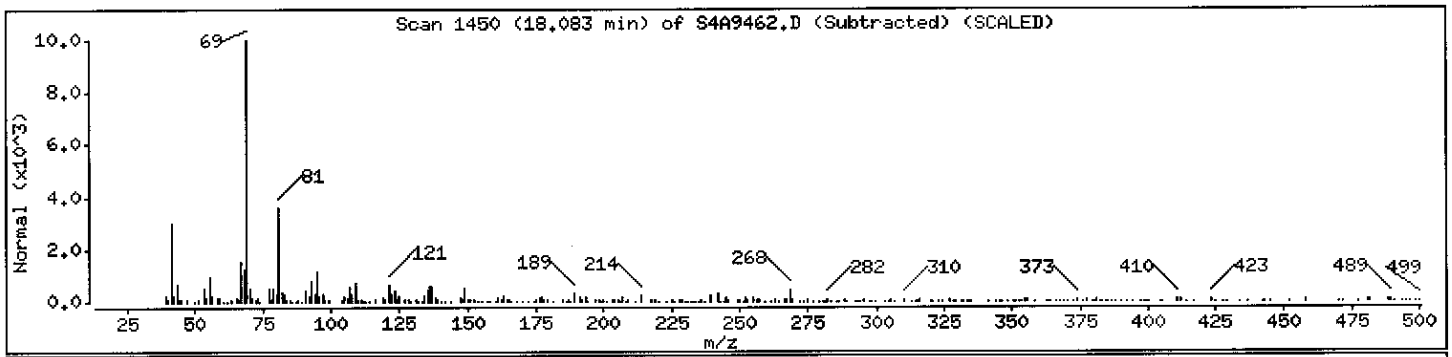
Client ID: SD02-S-0 Instrument: S4.i

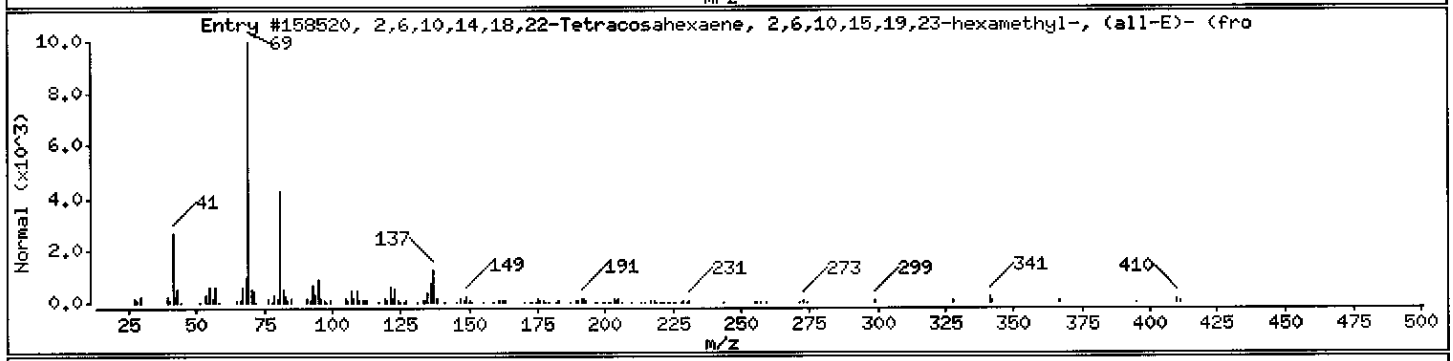
Sample Info: D0926-02A,,19468,,

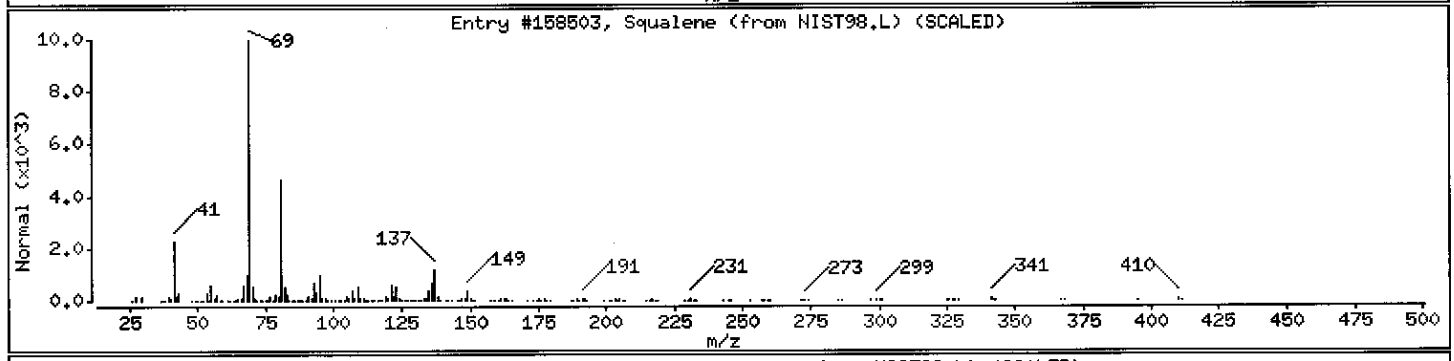
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

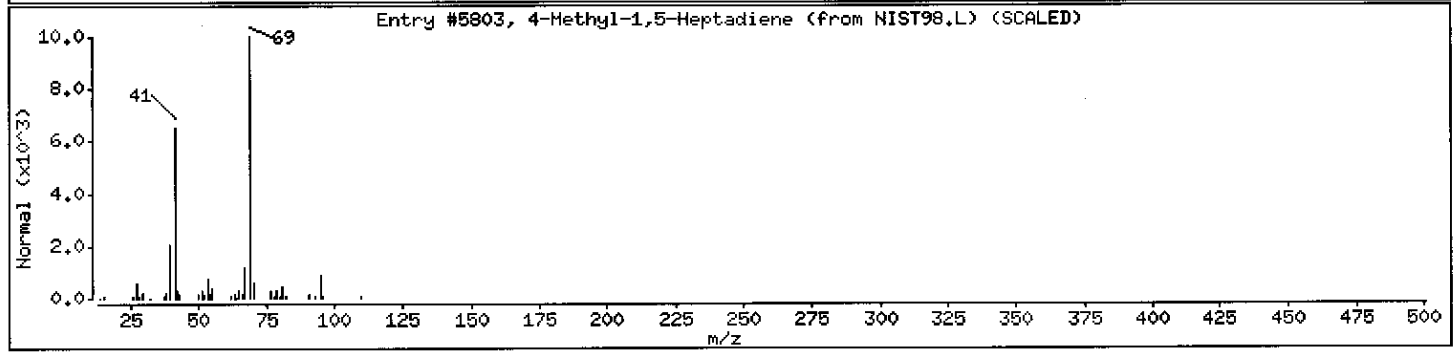
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,6,10,14,18,22-Tetracosahexaene, 2,6,10	111-02-4	NIST98.L	158520	90	C30H50	410
Squalene	7683-64-9	NIST98.L	158503	90	C30H50	410
4-Methyl-1,5-Heptadiene	998-94-7	NIST98.L	5803	64	C8H14	110









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Date : 25-AUG-2005 16:10

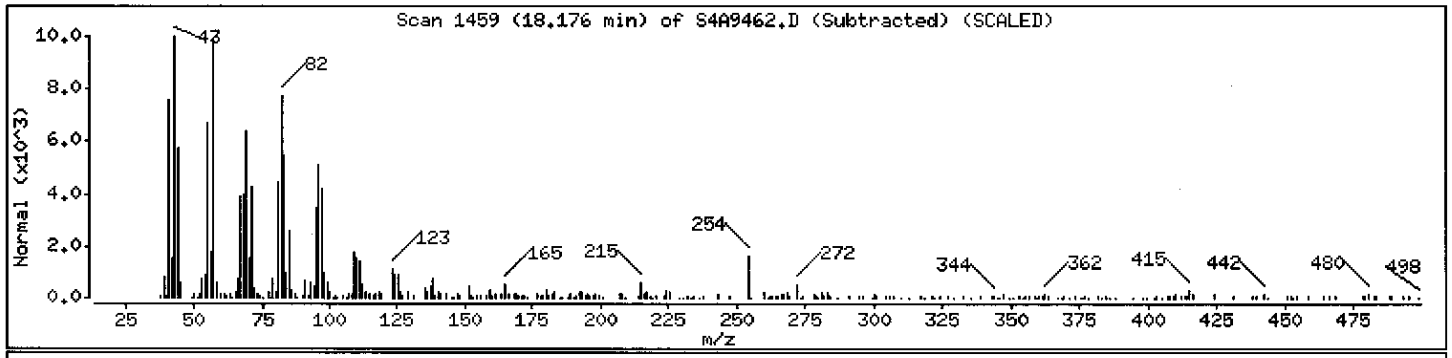
Client ID: SD02-S-0 Instrument: S4.i

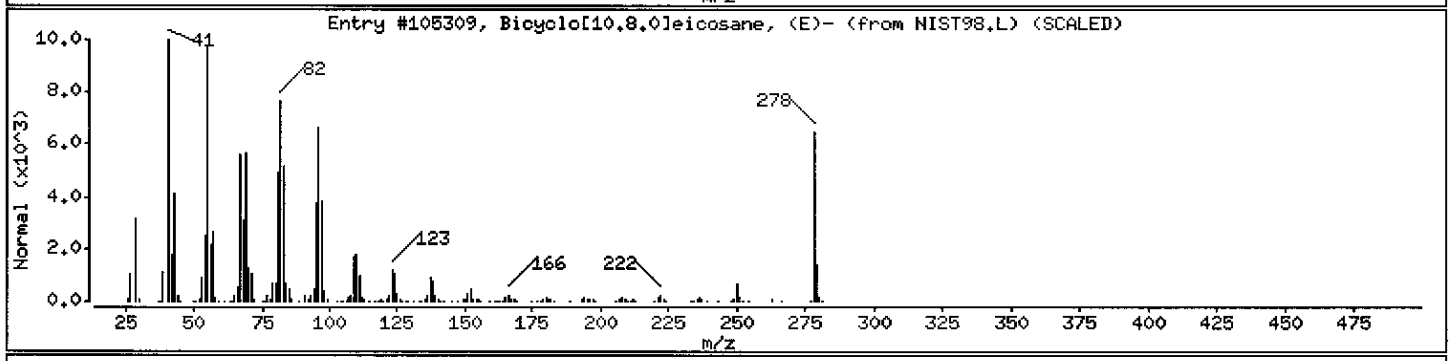
Sample Info: D0926-02A,,19468,,

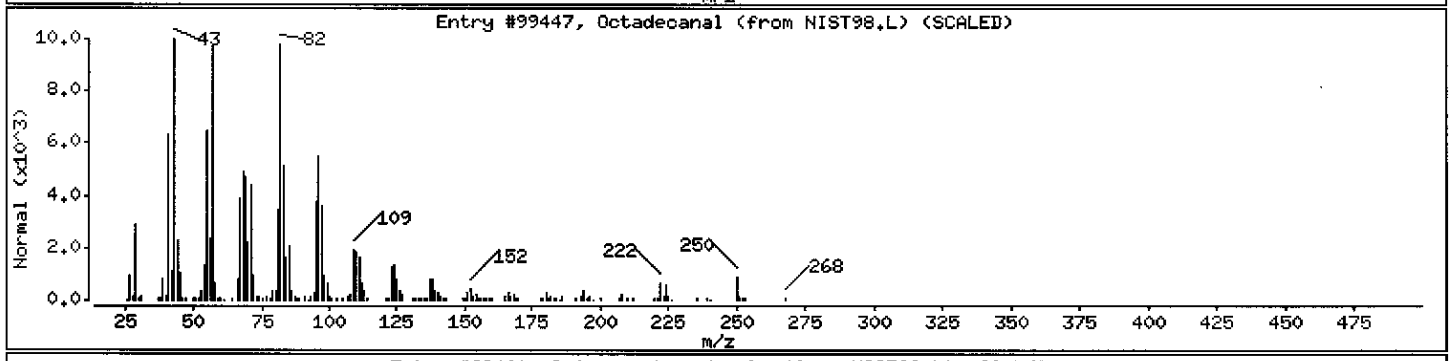
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

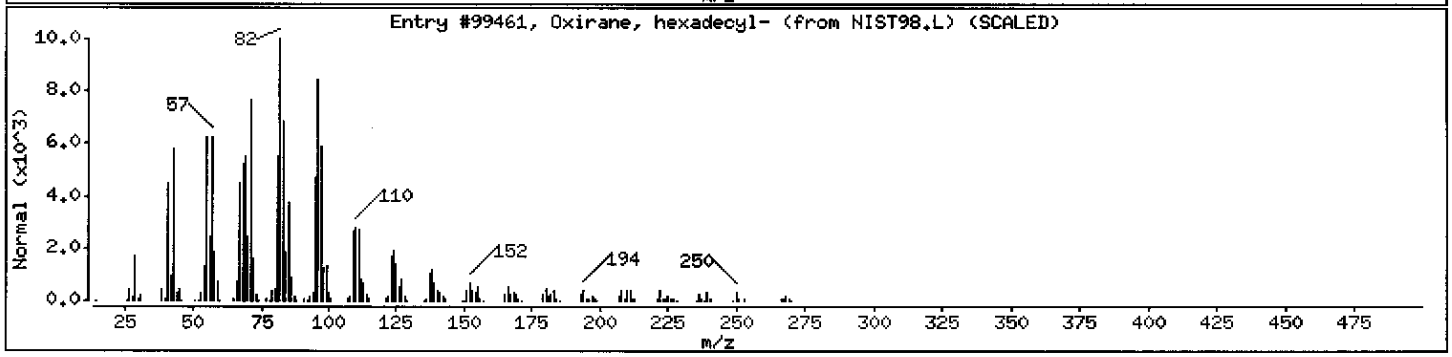
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Bicyclo[10.8.0]eicosane, (E)-	1000155-85-0	NIST98.L	105309	93	C20H38	278
Octadecanal	638-66-4	NIST98.L	99447	91	C18H36O	268
Oxirane, hexadecyl-	7390-81-0	NIST98.L	99461	90	C18H36O	268









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Date : 25-AUG-2005 16:10

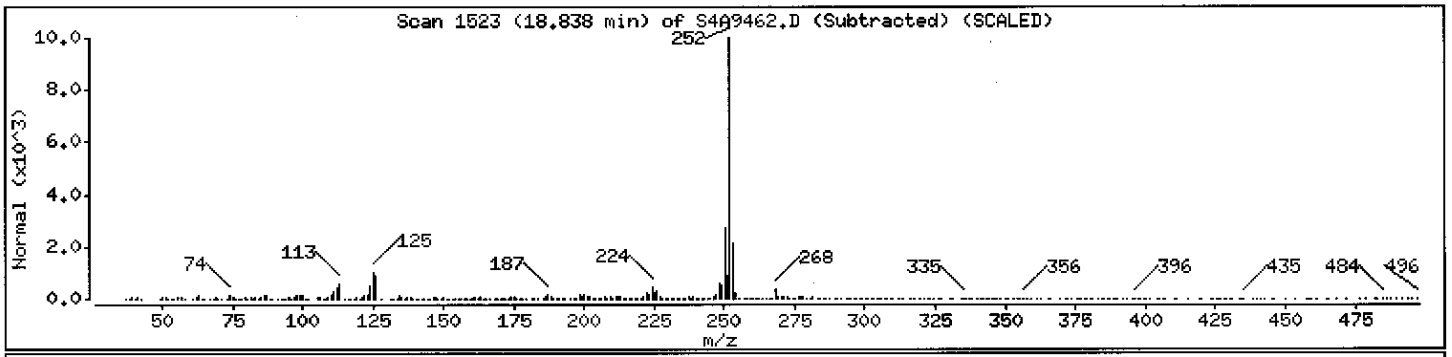
Client ID: SD02-S-0 Instrument: S4.i

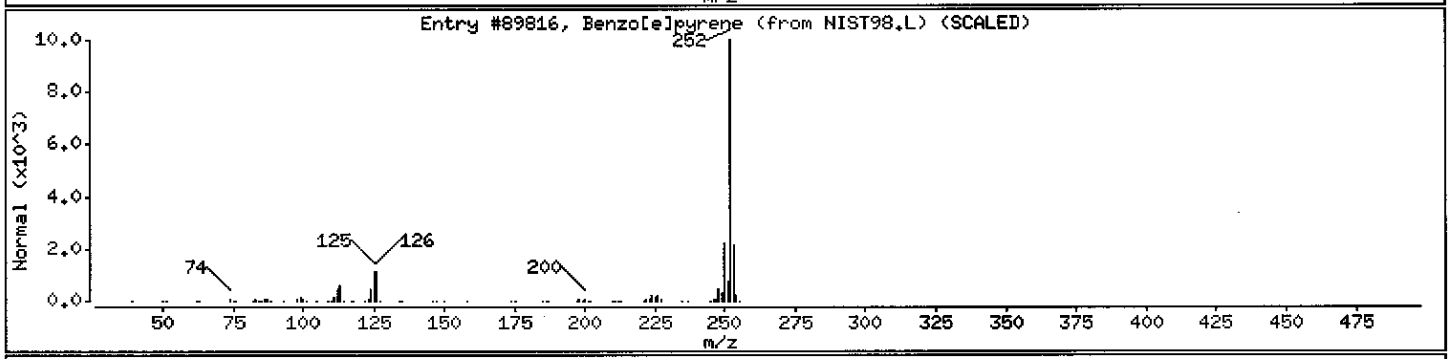
Sample Info: D0926-02A,,19468,,

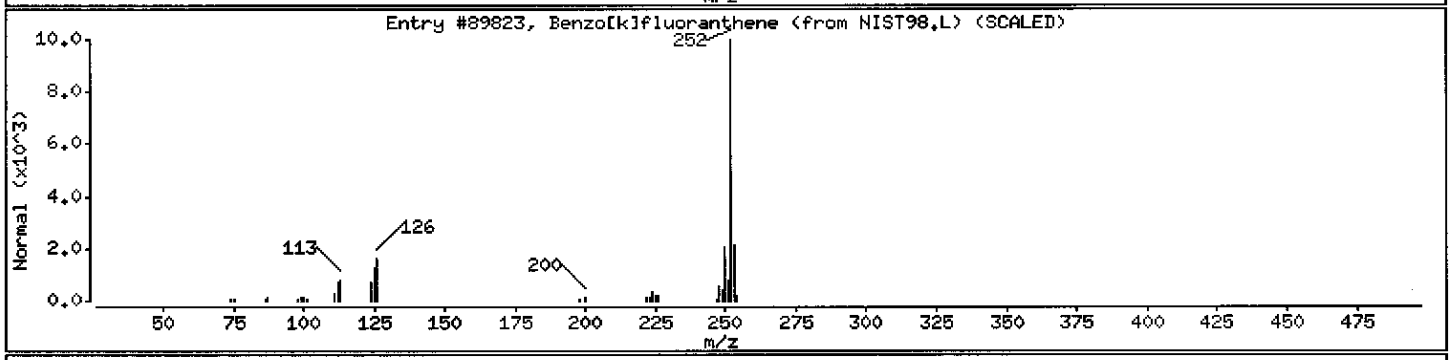
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

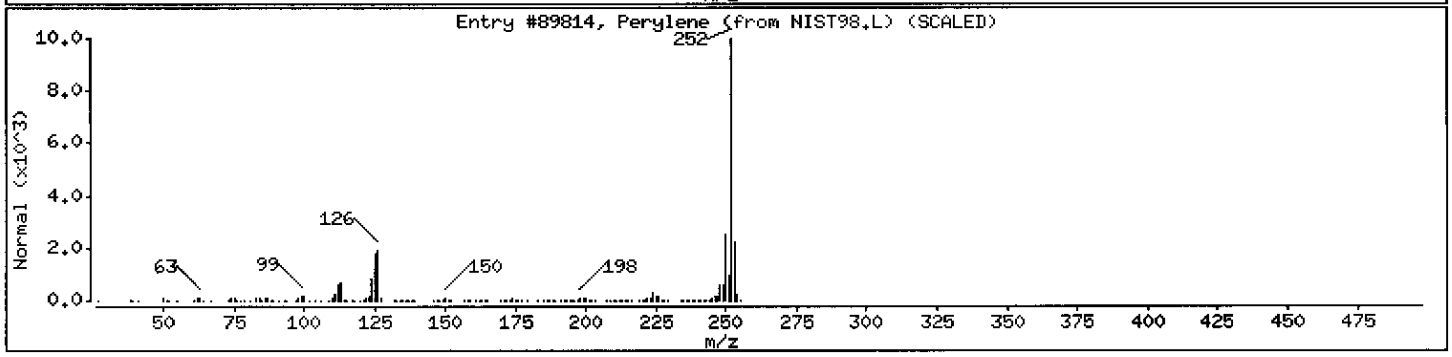
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo[e]pyrene	192-97-2	NIST98.L	**89816**	96	C20H12	252
Benzo[k]fluoranthene	207-08-9	NIST98.L	**89823**	95	C20H12	252
Perylene	198-55-0	NIST98.L	89814	94	C20H12	252









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Date : 25-AUG-2005 16:10

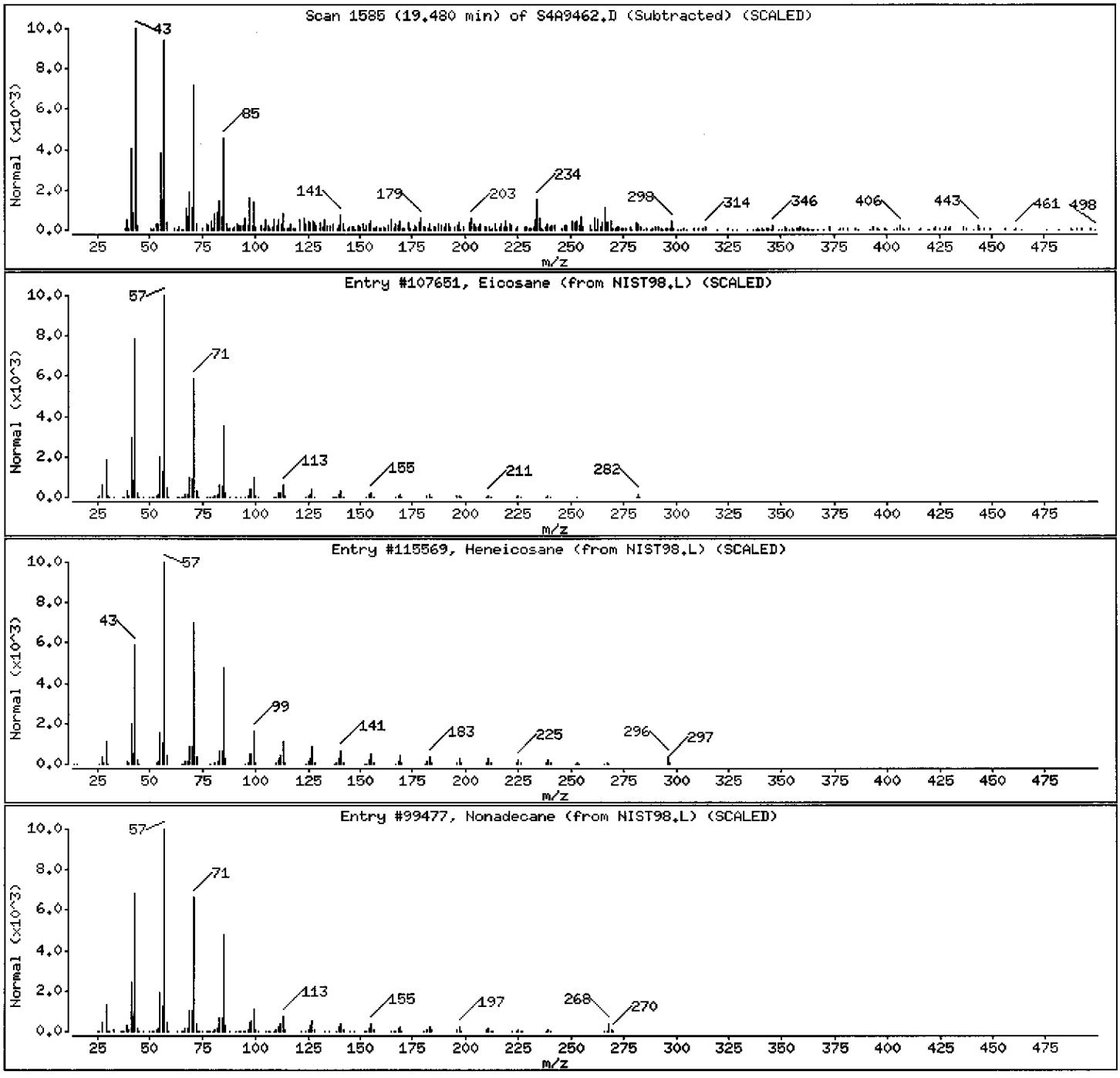
Client ID: SD02-S-0 Instrument: S4.i

Sample Info: D0926-02A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Eicosane	112-95-8	NIST98.L	107651	92	C20H42	282
Heneicosane	629-94-7	NIST98.L	115569	86	C21H44	296
Nonadecane	629-92-5	NIST98.L	99477	86	C19H40	268



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Date : 25-AUG-2005 16:10

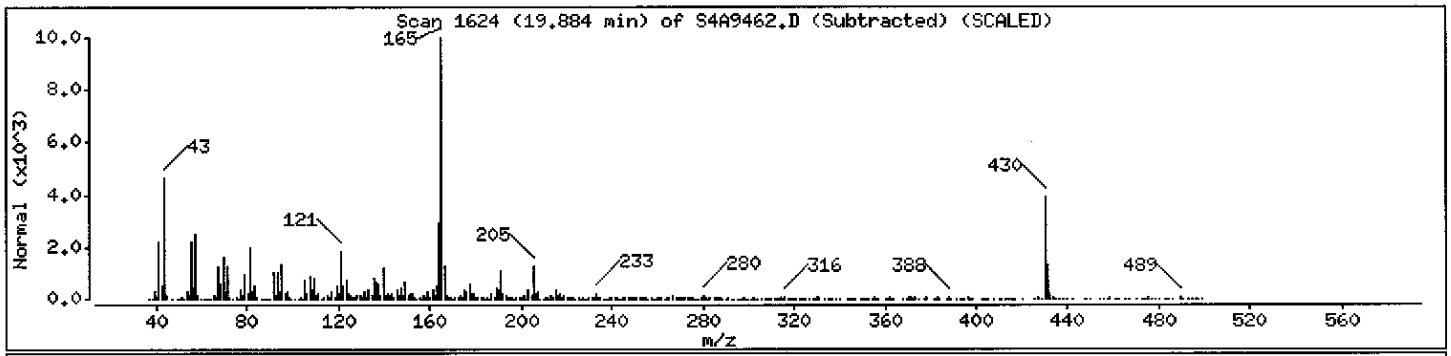
Client ID: SD02-S-0 Instrument: S4.i

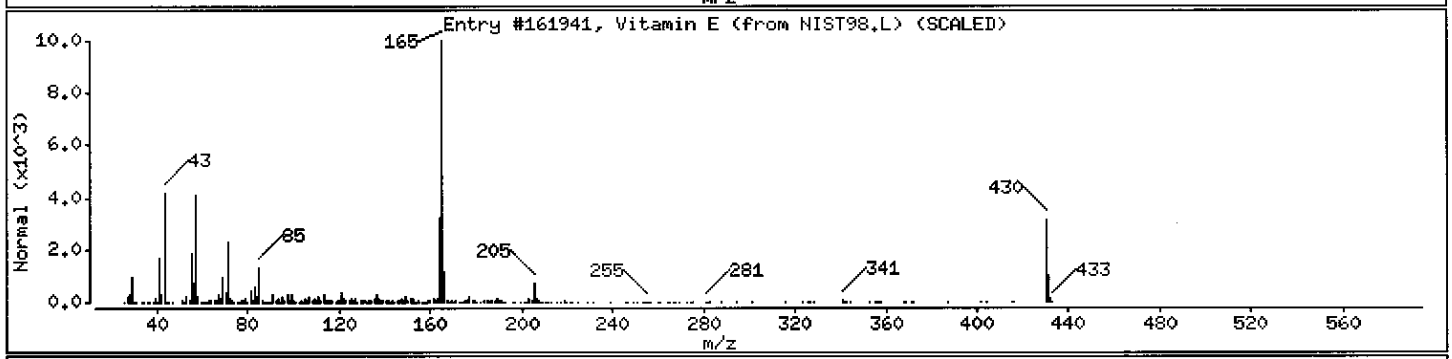
Sample Info: D0926-02A,,19468,,

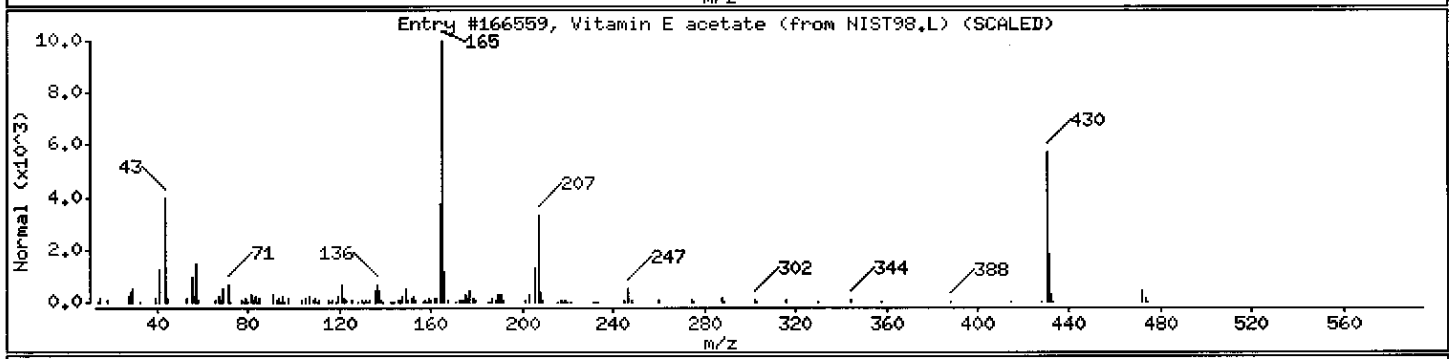
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

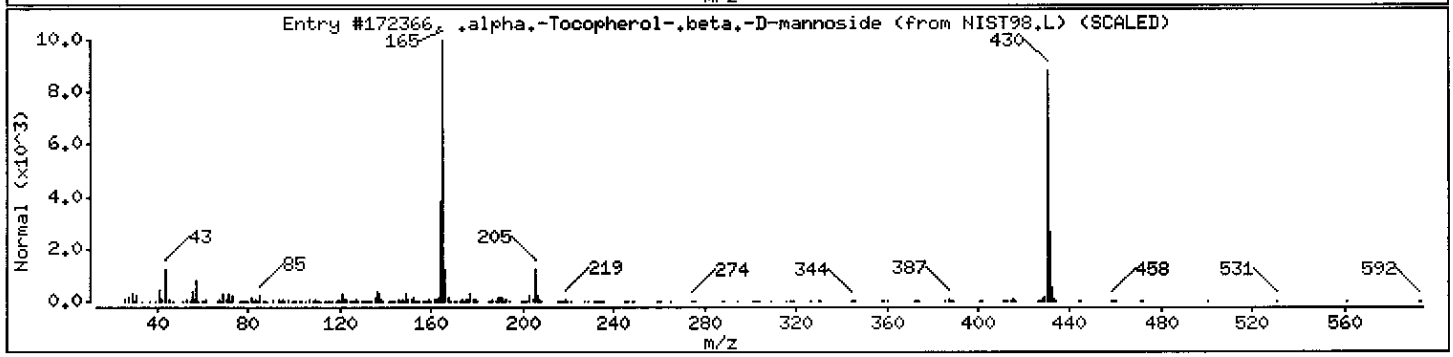
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Vitamin E	59-02-9	NIST98.L	161941	93	C29H5002	430
Vitamin E acetate	7695-91-2	NIST98.L	166559	87	C31H5203	472
.alpha.-Tocopherol-.beta.-D-mannoside	1000156-68-2	NIST98.L	172366	72	C35H6007	592









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Date : 25-AUG-2005 16:10

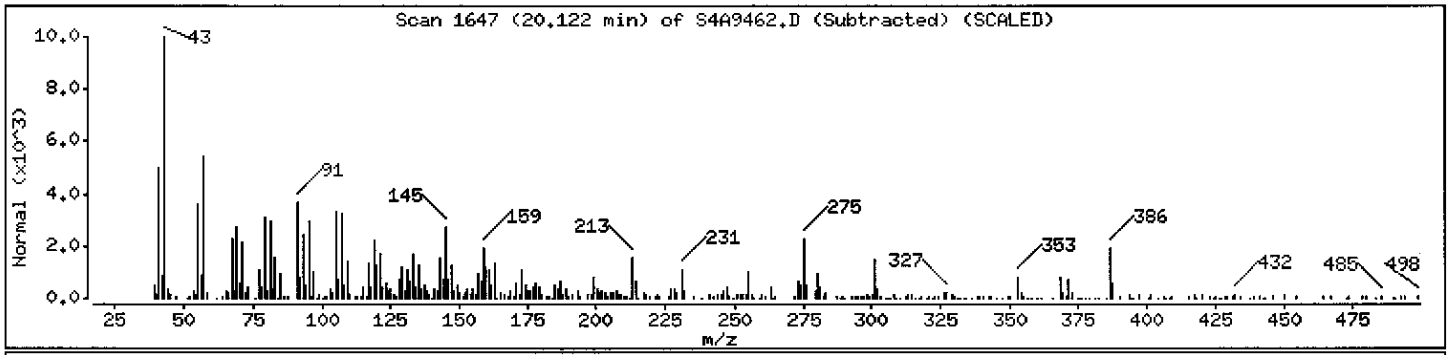
Client ID: SD02-S-0 Instrument: S4.i

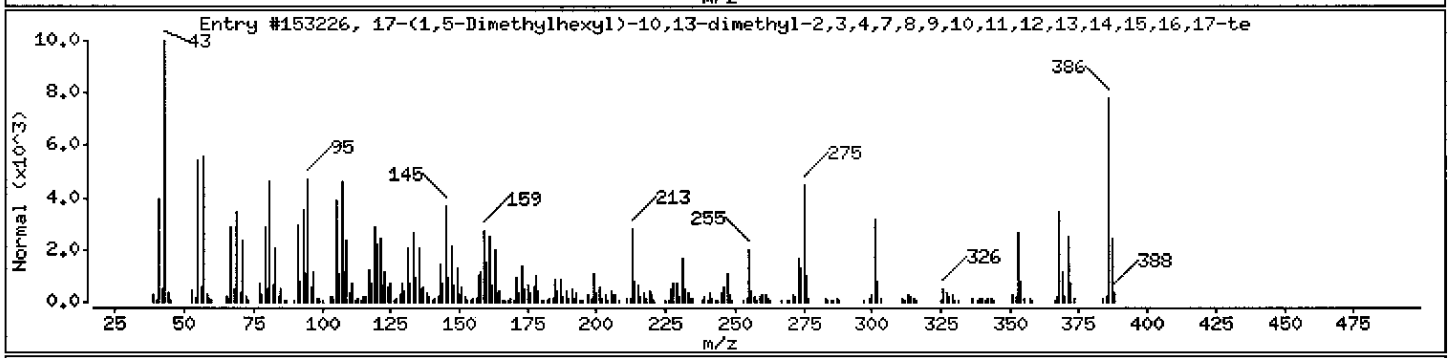
Sample Info: D0926-02A,,19468,,

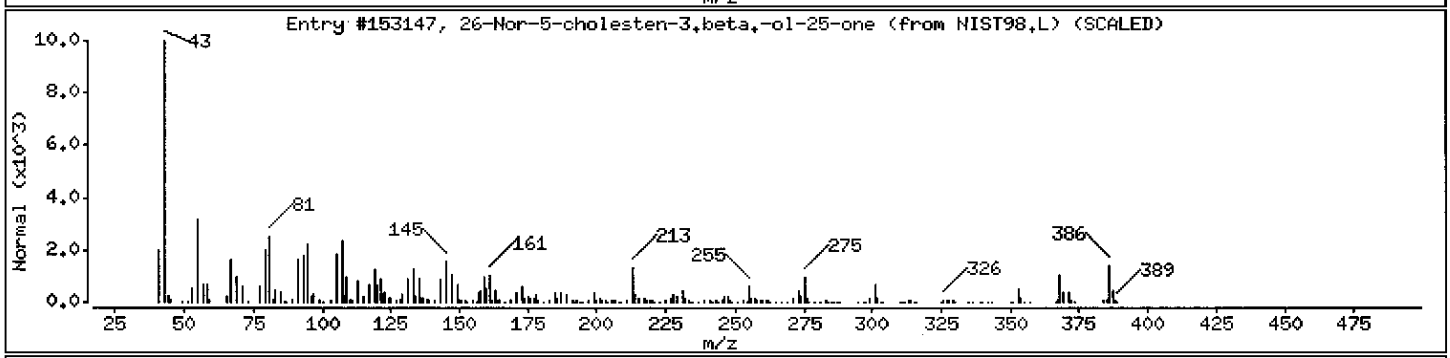
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

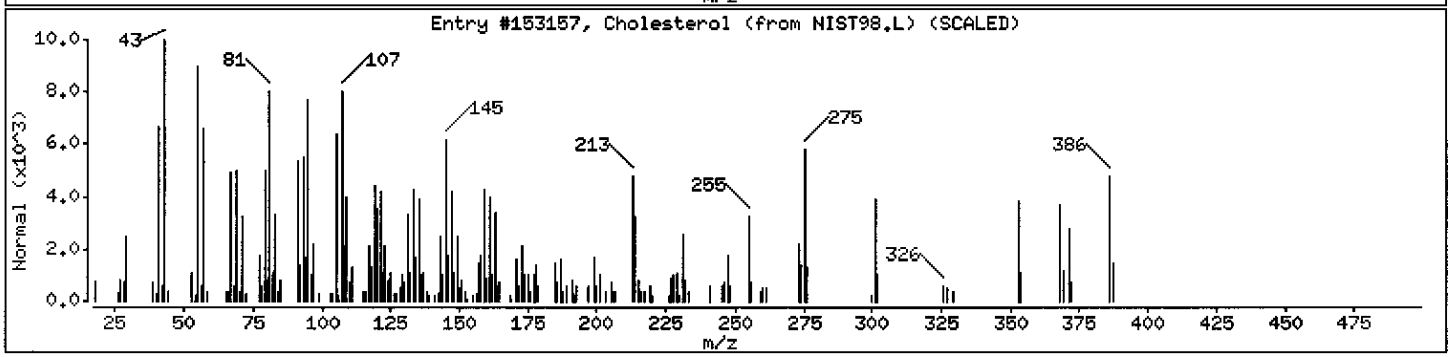
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
17-(1,5-Dimethylhexyl)-10,13-dimethyl-2,	1000210-38-4	NIST98.L	153226	97	C27H460	386
26-Nor-5-cholesten-3.beta.-ol-25-one	7494-34-0	NIST98.L	153147	94	C26H4202	386
Cholesterol	57-88-5	NIST98.L	153157	68	C27H460	386









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Date : 25-AUG-2005 16:10

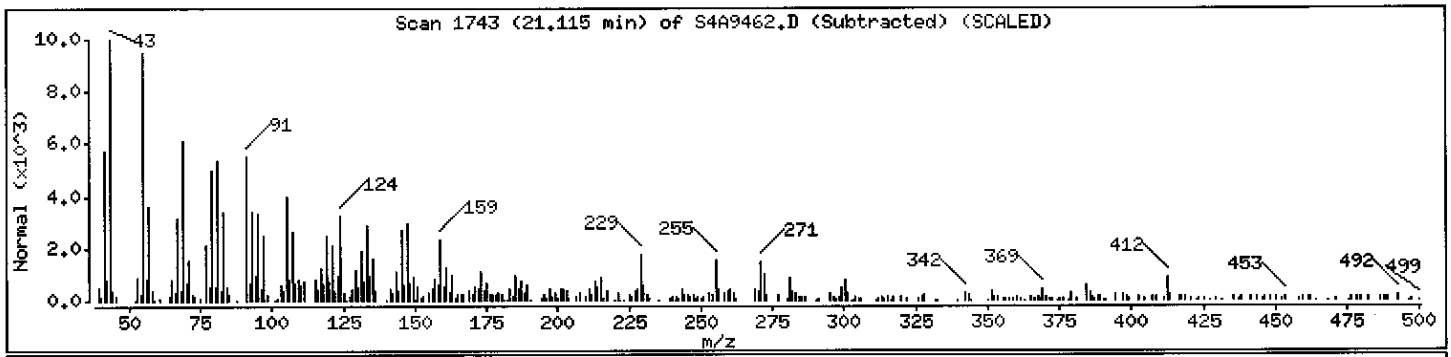
Client ID: SD02-S-0 Instrument: S4.i

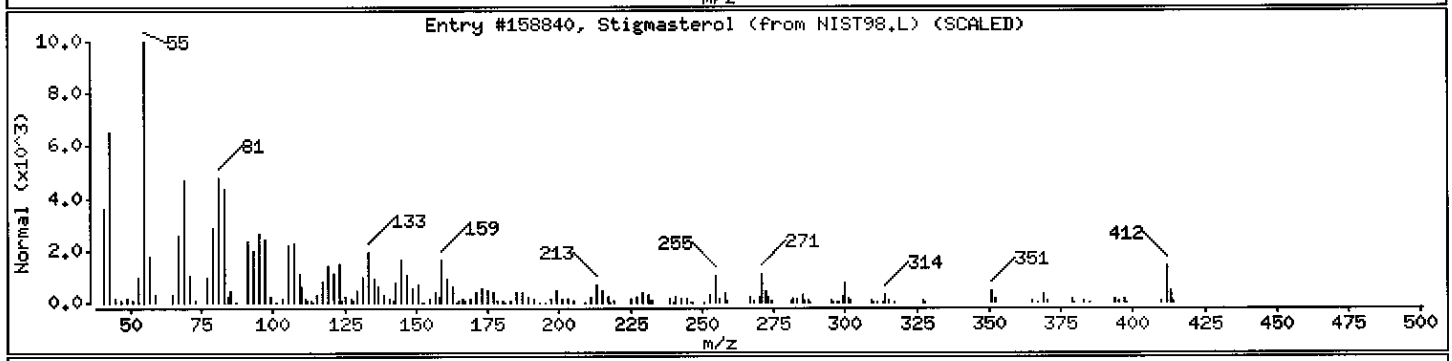
Sample Info: D0926-02A,,19468,,

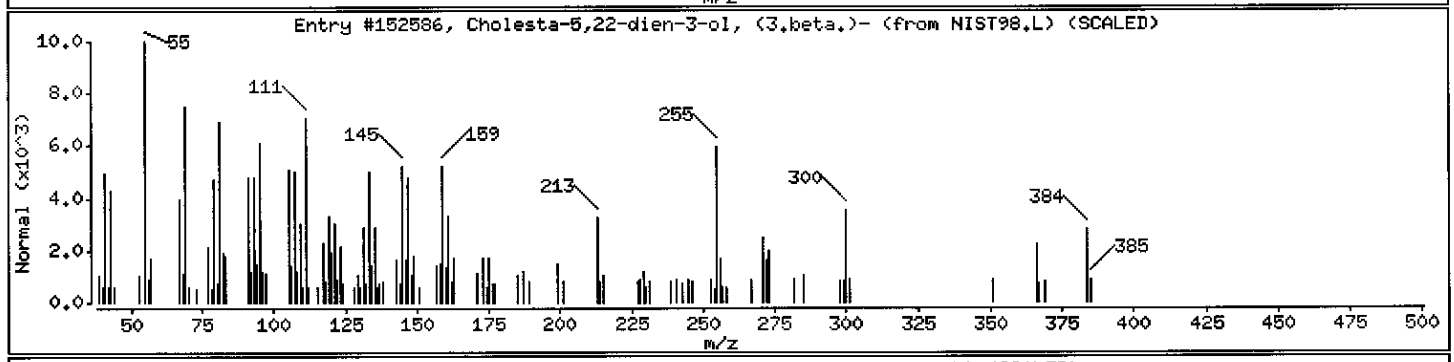
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

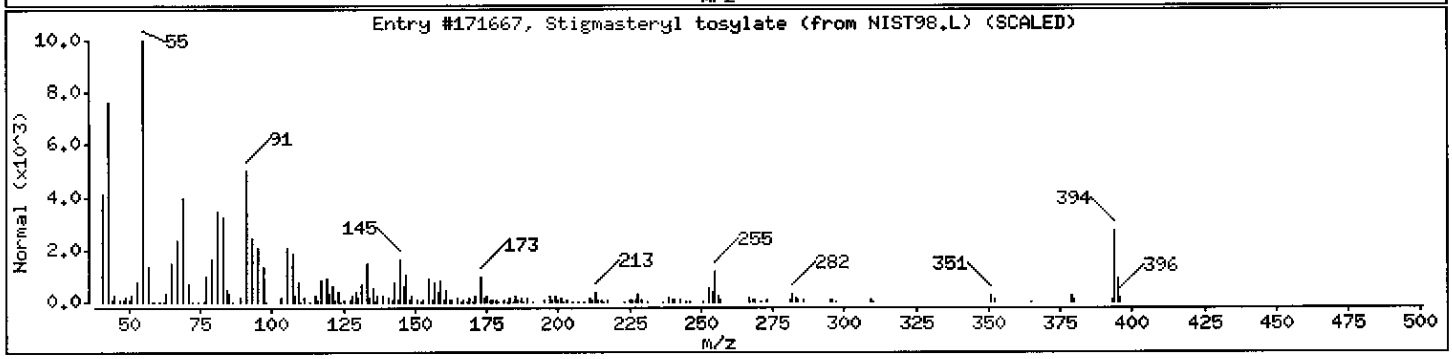
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Stigmasterol	83-48-7	NIST98.L	158840	64	C29H480	412
Cholesta-5,22-dien-3-ol, (3.beta.)-	34347-28-9	NIST98.L	152586	46	C27H440	384
Stigmasteryl tosylate	53139-42-7	NIST98.L	171667	46	C36H5403S	566









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Date : 25-AUG-2005 16:10

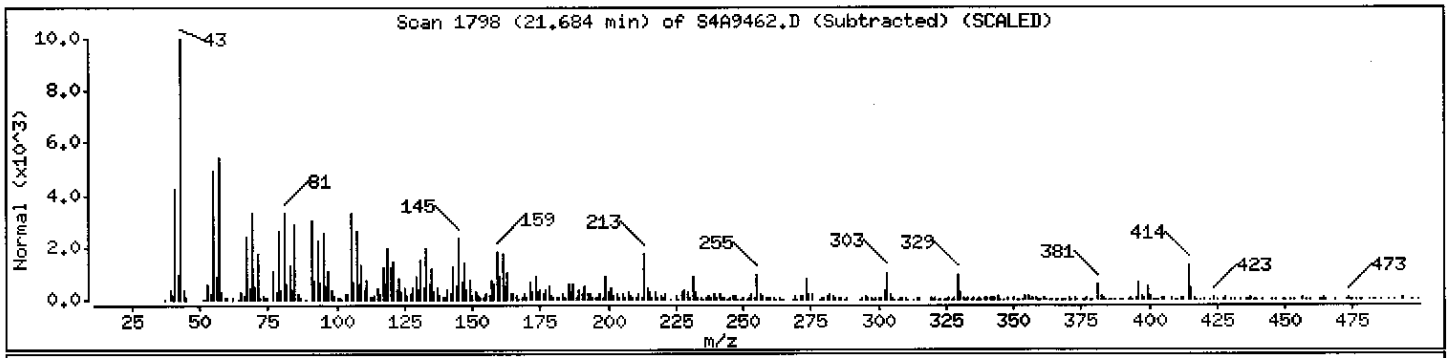
Client ID: SD02-S-0 Instrument: S4.i

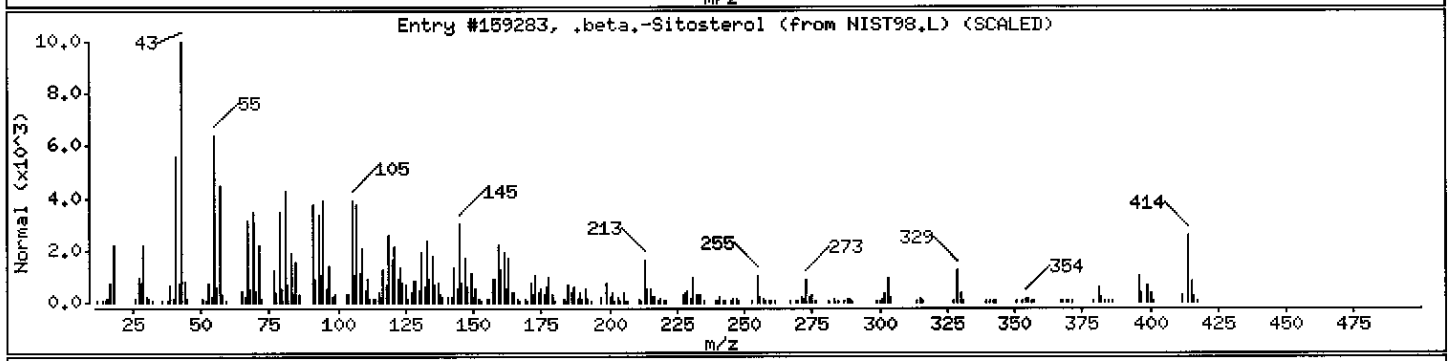
Sample Info: D0926-02A,,19468,,

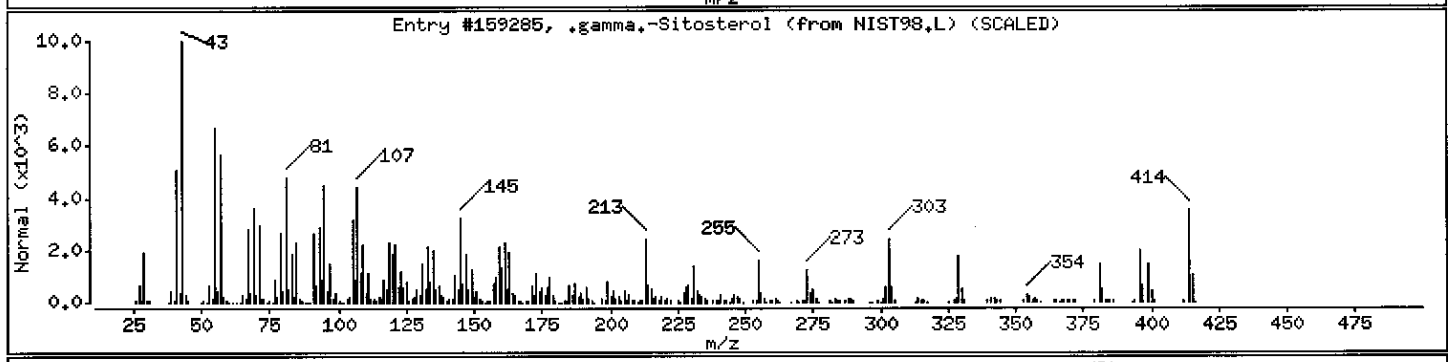
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

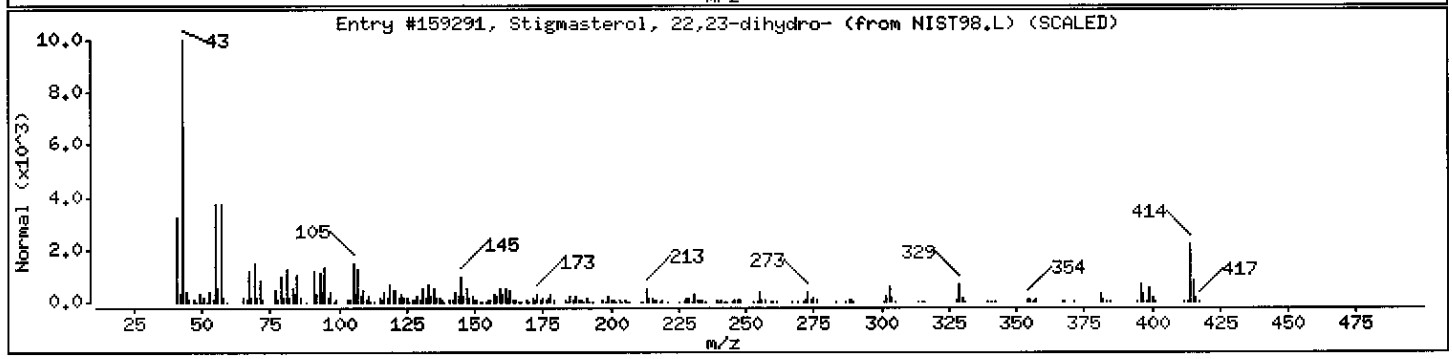
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.beta.-Sitosterol	83-46-5	NIST98.L	159283	95	C29H50O	414
.gamma.-Sitosterol	83-47-6	NIST98.L	159285	91	C29H50O	414
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST98.L	159291	89	C29H50O	414









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Date : 25-AUG-2005 16:10

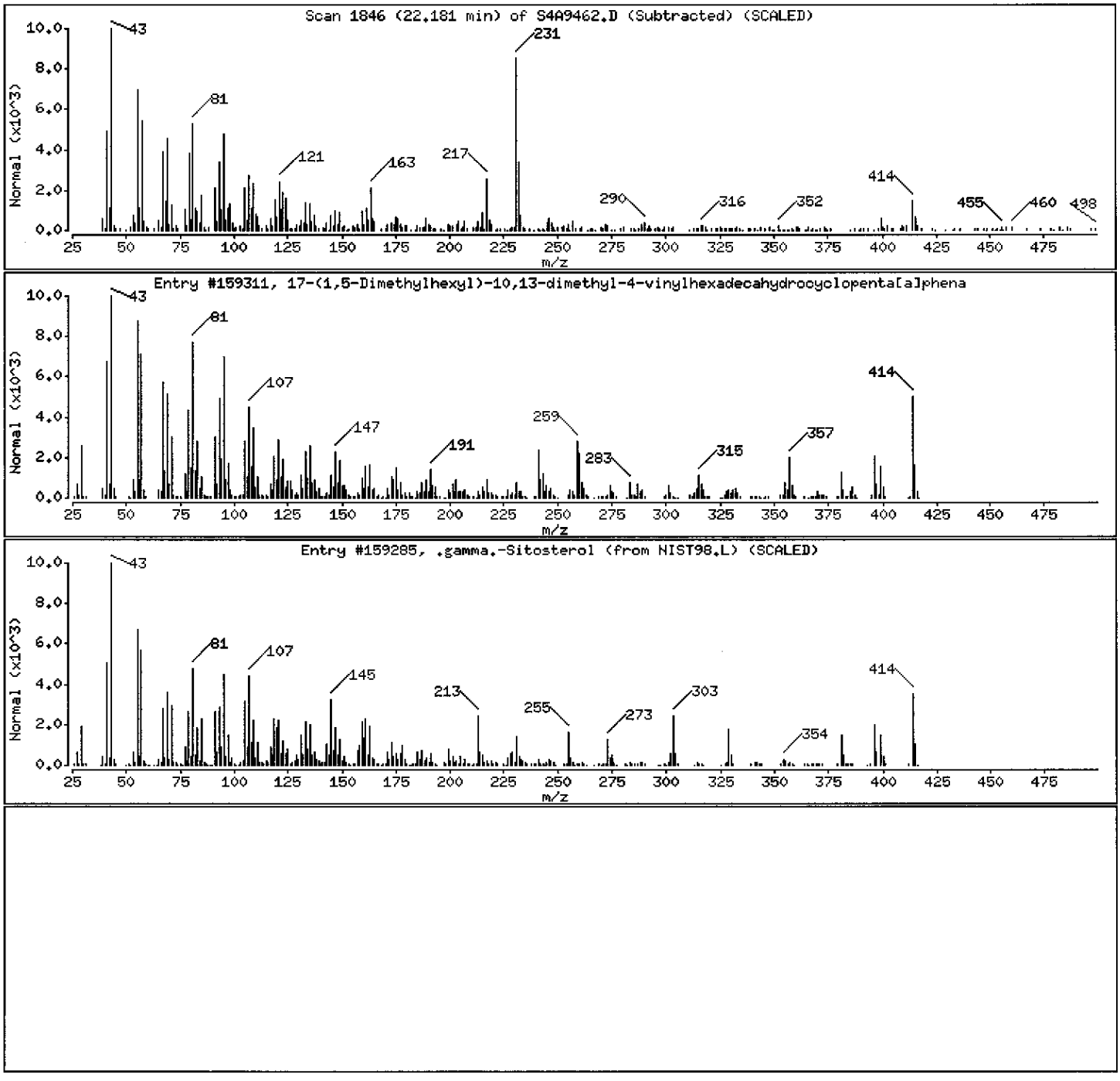
Client ID: SD02-S-0 Instrument: S4.i

Sample Info: D0926-02A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
17-(1,5-Dimethylhexyl)-10,13-dimethyl-4-	1000210-86-9	NIST98.L	159311	74	C29H500	414
.gamma.-Sitosterol	83-47-6	NIST98.L	159285	42	C29H500	414



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

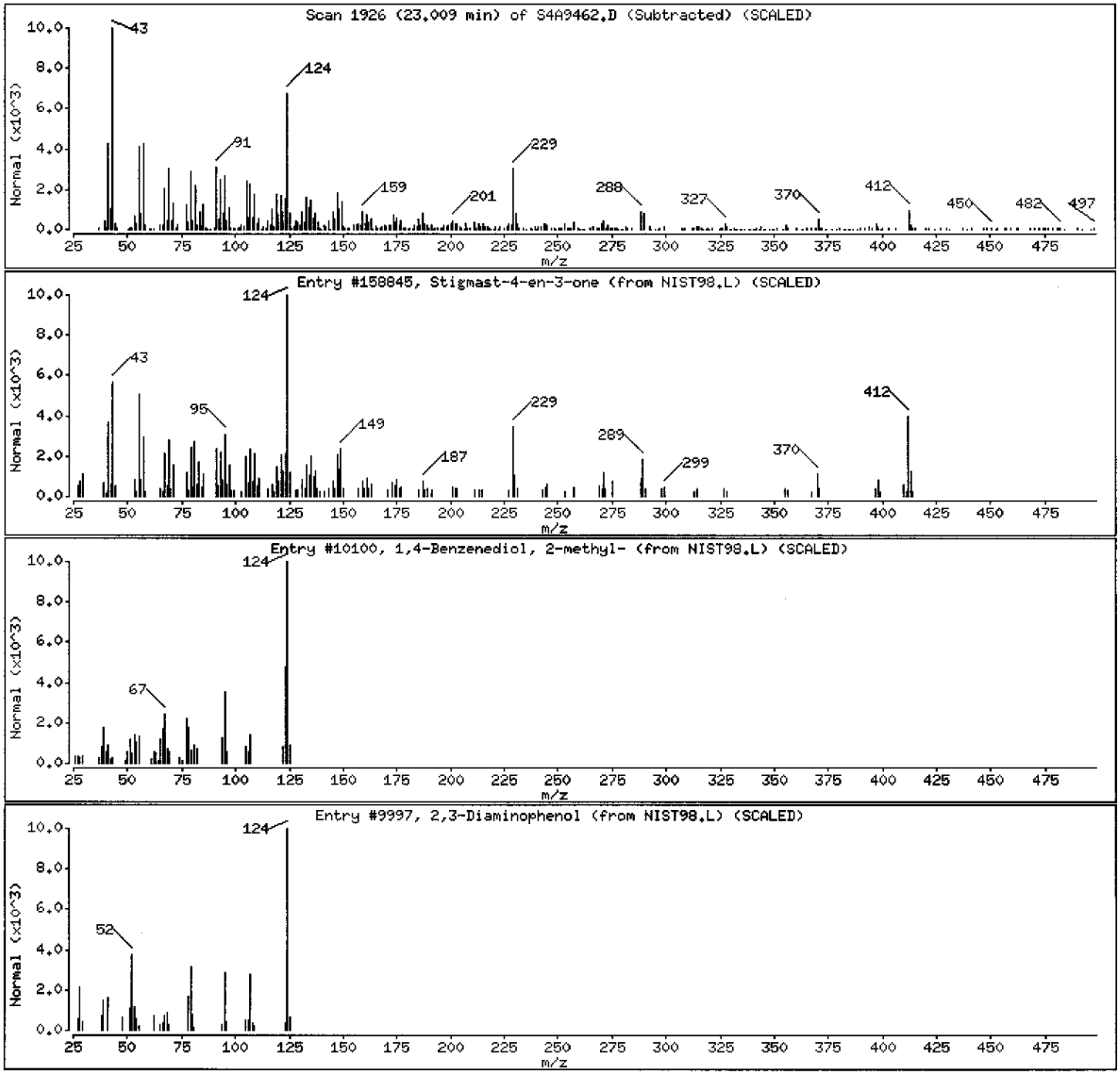
Client ID: SD02-S-0 Instrument: S4.i

Sample Info: D0926-02A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Stigmast-4-en-3-one	1058-61-3	NIST98.L	158845	68	C29H480	412
1,4-Benzenediol, 2-methyl-	95-71-6	NIST98.L	10100	45	C7H802	124
2,3-Diaminophenol	59649-56-8	NIST98.L	9997	43	C6H8N20	124



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9462.D

Date : 25-AUG-2005 16:10

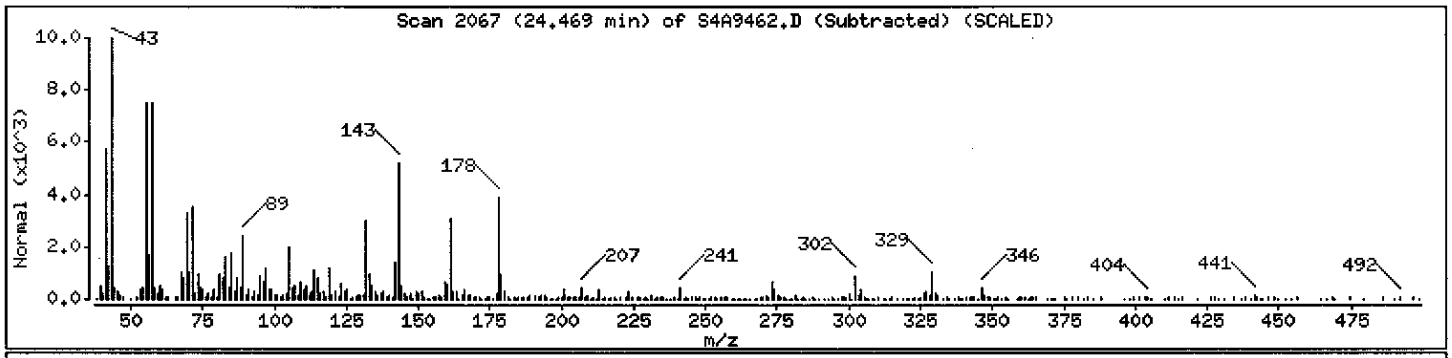
Client ID: SD02-S-0 Instrument: S4.i

Sample Info: D0926-02A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-ODL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02ADL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9465

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 79 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	7900	U
108-95-2	Phenol	7900	U
111-44-4	bis(2-Chloroethyl)Ether	7900	U
95-57-8	2-Chlorophenol	7900	U
95-48-7	2-Methylphenol	7900	U
108-60-1	2,2'-oxybis(1-Chloropropane)	7900	U
98-86-2	Acetophenone	7900	U
106-44-5	4-Methylphenol	7900	U
621-64-7	N-Nitroso-di-n-propylamine	7900	U
67-72-1	Hexachloroethane	7900	U
98-95-3	Nitrobenzene	7900	U
78-59-1	Isophorone	7900	U
88-75-5	2-Nitrophenol	7900	U
105-67-9	2,4-Dimethylphenol	7900	U
111-91-1	bis(2-Chloroethoxy)methane	7900	U
120-83-2	2,4-Dichlorophenol	7900	U
91-20-3	Naphthalene	7900	U
106-47-8	4-Chloroaniline	7900	U
87-68-3	Hexachlorobutadiene	7900	U
105-60-2	Caprolactam	7900	U
59-50-7	4-Chloro-3-Methylphenol	7900	U
91-57-6	2-Methylnaphthalene	7900	U
77-47-4	Hexachlorocyclopentadiene	7900	U
88-06-2	2,4,6-Trichlorophenol	7900	U
95-95-4	2,4,5-Trichlorophenol	20000	U
92-52-4	1,1'-Biphenyl	7900	U
91-58-7	2-Chloronaphthalene	7900	U
88-74-4	2-Nitroaniline	20000	U
131-11-3	Dimethylphthalate	7900	U
606-20-2	2,6-Dinitrotoluene	7900	U
208-96-8	Acenaphthylene	1000	DJ
99-09-2	3-Nitroaniline	20000	U
83-32-9	Acenaphthene	7900	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-ODL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02ADL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9465

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 79 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	20000	U
100-02-7	4-Nitrophenol	20000	U
132-64-9	Dibenzofuran	7900	U
121-14-2	2,4-Dinitrotoluene	7900	U
84-66-2	Diethylphthalate	7900	U
86-73-7	Fluorene	7900	U
7005-72-3	4-Chlorophenyl-phenylether	7900	U
100-01-6	4-Nitroaniline	20000	U
534-52-1	4,6-Dinitro-2-methylphenol	20000	U
86-30-6	N-Nitrosodiphenylamine (1)	7900	U
101-55-3	4-Bromophenyl-phenylether	7900	U
118-74-1	Hexachlorobenzene	7900	U
1912-24-9	Atrazine	7900	U
87-86-5	Pentachlorophenol	20000	U
85-01-8	Phenanthrene	9700	D
120-12-7	Anthracene	7900	U
86-74-8	Carbazole	1300	DJ
84-74-2	Di-n-butylphthalate	7900	U
206-44-0	Fluoranthene	15000	D
129-00-0	Pyrene	14000	D
85-68-7	Butylbenzylphthalate	7900	U
91-94-1	3,3'-Dichlorobenzidine	7900	U
56-55-3	Benzo(a)anthracene	4100	DJ
218-01-9	Chrysene	13000	D
117-81-7	bis(2-Ethylhexyl)phthalate	950	DJB
117-84-0	Di-n-octylphthalate	7900	U
205-99-2	Benzo(b)fluoranthene	16000	D
207-08-9	Benzo(k)fluoranthene	6900	DJ
50-32-8	Benzo(a)pyrene	7900	D
193-39-5	Indeno(1,2,3-cd)pyrene	6200	DJ
53-70-3	Dibenzo(a,h)anthracene	1400	DJ
191-24-2	Benzo(g,h,i)perylene	7400	DJ

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD02-S-ODL

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02ADL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9465

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 79 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	112-42-5	1-UNDECANOL	11.18	3900	NJD
2.		UNKNOWN	13.89	1800	JD
3.	84-65-1	9,10-ANTHRACENEDIONE	14.72	3400	NJD
4.		UNKNOWN	14.87	3900	JD
5.		UNKNOWN	15.95	2200	JD
6.		UNKNOWN	16.80	4300	JD
7.	479-79-8	11H-BENZO[A]FLUOREN-11-ONE	16.86	2300	NJD
8.	198-55-0	PERYLENE	18.82	9700	NJD
9.	10191-41-0	VITAMIN E	19.87	18000	NJD
10.	1000214-20-7	STIGMASTEROL, 22,23-DIHYDRO-	21.66	24000	NJD
11.					
12.					
13.					
14.					
15.					
16.					
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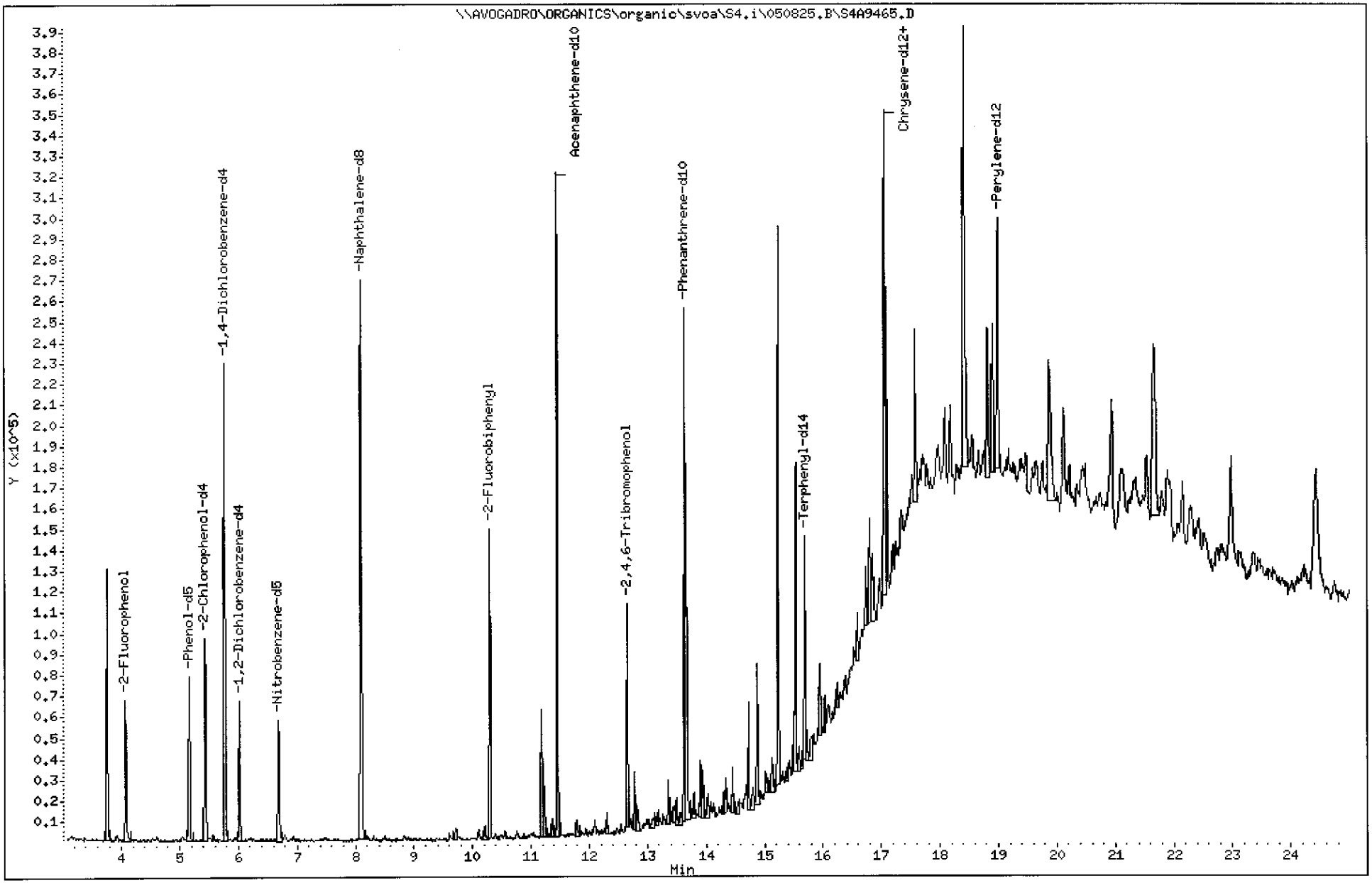
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D
Date : 25-AUG-2005 18:32
Client ID: SD02-S-ODL
Instrument: S4.i
Sample Info: D0926-02ADL,,19468,,5
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



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Data File: S4A9465.D
Report Date: 31-Aug-2005 16:37

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D
Lab Smp Id: D0926-02ADL Client Smp ID: SD02-S-ODL
Inj Date : 25-AUG-2005 18:32
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-02ADL,,19468,,5
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D
Als bottle: 33
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	5.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	79.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	4.068	4.048	(0.706)	18624	16.3420	6500(a)
$ 3	Phenol-d5	99	5.166	5.135	(0.896)	33780	19.8256	7900
$ 6	2-Chlorophenol-d4	132	5.424	5.414	(0.941)	30095	21.3204	8500
* 8	1,4-Dichlorobenzene-d4	152	5.766	5.755	(1.000)	43224	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	6.014	6.004	(1.043)	12253	11.9592	4700(a)
$ 16	Nitrobenzene-d5	82	6.687	6.677	(0.826)	31182	13.9119	5500(a)
* 23	Naphthalene-d8	136	8.095	8.074	(1.000)	190397	40.0000	
$ 33	2-Fluorobiphenyl	172	10.299	10.289	(0.900)	59017	17.3333	6900(a)
39	Acenaphthylene	152	11.220	11.210	(0.980)	11348	2.63285	1000(a)
* 41	Acenaphthene-d10	164	11.448	11.438	(1.000)	95615	40.0000	
$ 53	2,4,6-Tribromophenol	330	12.649	12.628	(0.928)	9914	35.5649	14000
* 58	Phenanthrene-d10	188	13.632	13.611	(1.000)	106191	40.0000	
59	Phenanthrene	178	13.663	13.642	(1.002)	76467	24.4754	9700

Data File: S4A9465.D
Report Date: 31-Aug-2005 16:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
	61 Carbazole	167	13.943	13.922	(1.023)	8710	3.28536	1300(a)
	63 Fluoranthene	202	15.236	15.216	(1.118)	114555	36.9187	15000
	64 Pyrene	202	15.537	15.505	(0.911)	82427	35.3927	14000
$	65 Terphenyl-d14	244	15.692	15.671	(0.920)	25490	14.9266	5900(a)
	68 Benzo(a)anthracene	228	17.048	17.017	(0.999)	21429	10.4040	4100(a)
*	69 Chrysene-d12	240	17.058	17.027	(1.000)	66519	40.0000	
	70 Chrysene	228	17.089	17.068	(1.002)	62568	32.6484	13000
	71 bis(2-Ethylhexyl)phthalate	149	16.975	16.954	(0.995)	3986	2.39304	950(a)
	73 Benzo(b)fluoranthene	252	18.414	18.372	(0.969)	85503	39.7959	16000(M)
	74 Benzo(k)fluoranthene	252	18.435	18.414	(0.971)	38574	17.2820	6900(aQM)
	75 Benzo(a)pyrene	252	18.911	18.859	(0.996)	34939	19.8759	7900
*	76 Perylene-d12	264	18.993	18.942	(1.000)	57447	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	20.939	20.877	(1.102)	32839	15.7455	6200(a)
	78 Dibenzo(a,h)anthracene	278	20.939	20.877	(1.102)	6299	3.50889	1400(aM)
	79 Benzo(g,h,i)perylene	276	21.540	21.457	(1.134)	29418	18.6449	7400(a)

MZ
08/31/05 AN
MZ

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

08/31/05
AN

Data File: S4A9465.D
Report Date: 31-Aug-2005 16:37

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D
Lab Smp Id: D0926-02ADL Client Smp ID: SD02-S-ODL
Inj Date : 25-AUG-2005 18:32
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-02ADL,,19468,,5
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D
Als bottle: 33
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	5.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	79.000	% Moisture

ISTD	RT	AREA	AMOUNT
* 41 Acenaphthene-d10	11.448	442362	40.000
* 58 Phenanthrene-d10	13.632	353087	40.000
* 69 Chrysene-d12	17.058	398391	40.000
* 76 Perylene-d12	18.993	215108	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9465.D
Report Date: 31-Aug-2005 16:37

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
1-Undecanol					CAS #: 112-42-5		
11.179	107308	9.70318427	3900	91	NIST98.L	37465	41
Unknown					CAS #:		
13.891	39659	4.49283038	1800	0		0	58
9,10-Anthracenedione					CAS #: 84-65-1		
14.719	76150	8.62676904	3400	95	NIST98.L	61654	58
Unknown					CAS #:		
14.874	87512	9.91393056	3900	0		0	58
Unknown					CAS #:		
15.951	56363	5.65906358	2200	0		0	69
Unknown					CAS #:		
16.799	107976	10.8412088	4300	0		0	69
11H-Benzo[a]fluoren-11-one					CAS #: 479-79-8		
16.861	56561	5.67894355	2300	86	NIST98.L	76451	69
Branched Alkane					CAS #:		
17.576	160486	16.1134162	6400	0		0	69
Perylene					CAS #: 198-55-0		
18.818	132011	24.5478550	9700	93	NIST98.L	89813	76
Vitamin E					CAS #: 10191-41-0		
19.873	245131	45.5828700	18000	90	NIST98.L	161942	76
Stigmasterol, 22,23-dihydro-					CAS #: 1000214-20-7		
21.664	326647	60.7410231	24000	87	NIST98.L	159291	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D

Date : 25-AUG-2005 18:32

Client ID: SD02-S-ODL

Instrument: S4.i

Sample Info: D0926-02ADL,,19468,,5

Volume Injected (uL): 2.0

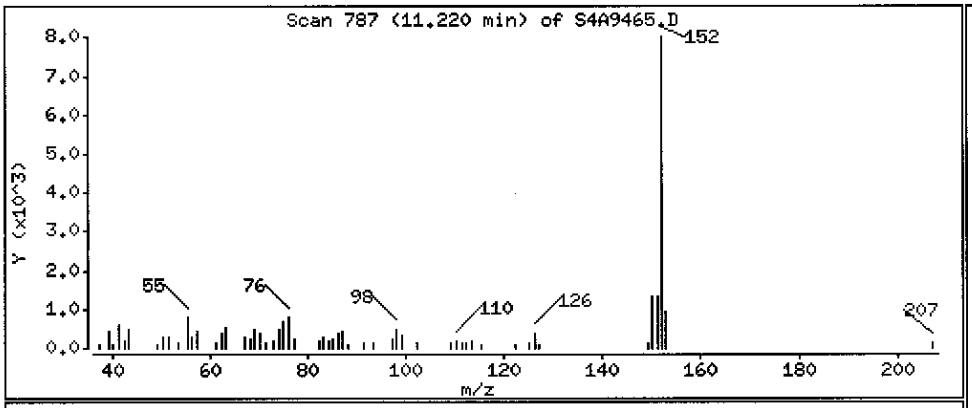
Operator: AW SRC: LIMS

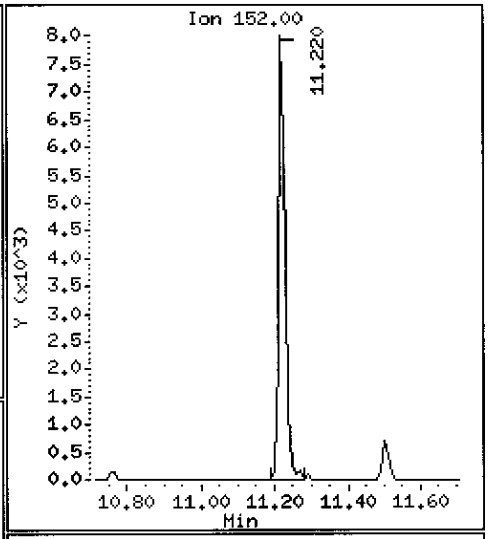
Column phase: DB-5MS

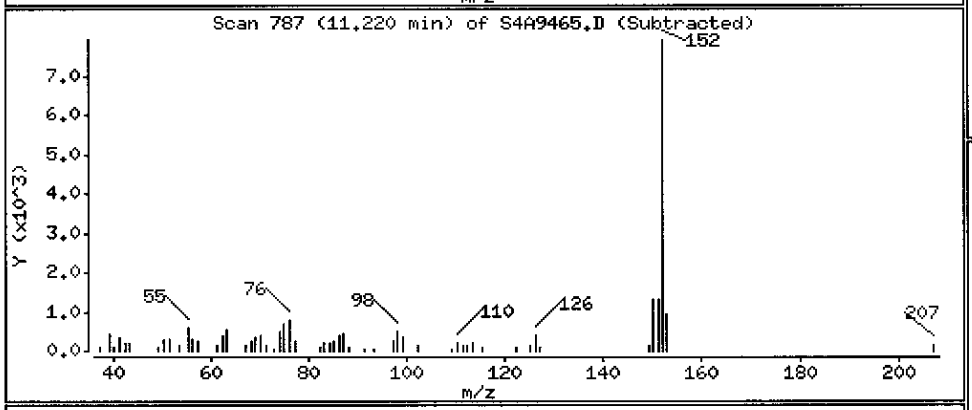
Column diameter: 0.25

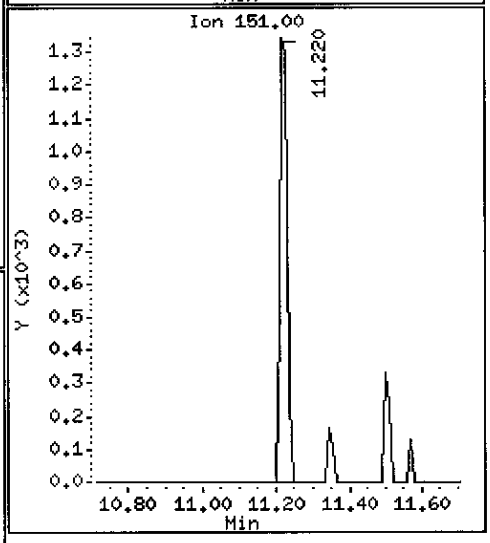
39 Acenaphthylene

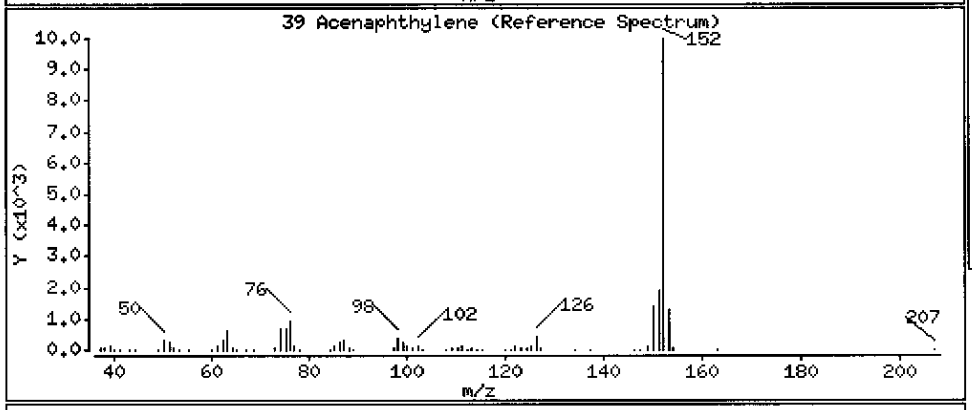
Concentration: 1000 ug/Kg

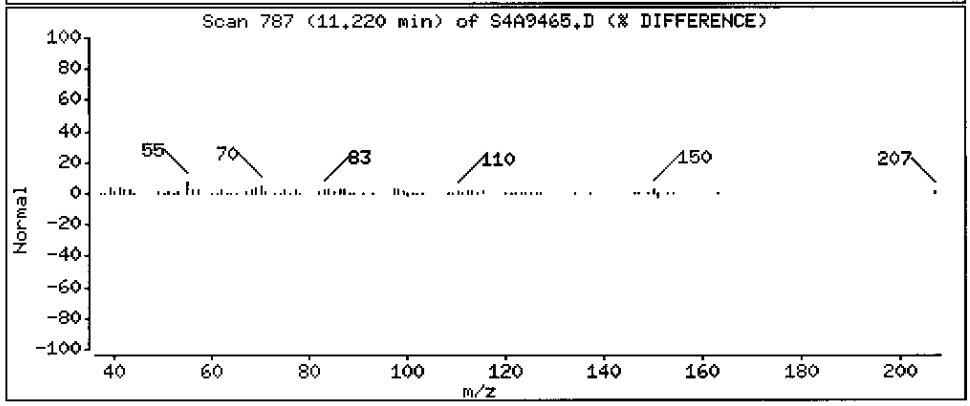












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D

Date : 25-AUG-2005 18:32

Client ID: SD02-S-ODL

Instrument: S4.i

Sample Info: D0926-02ADL,,19468,,5

Volume Injected (uL): 2.0

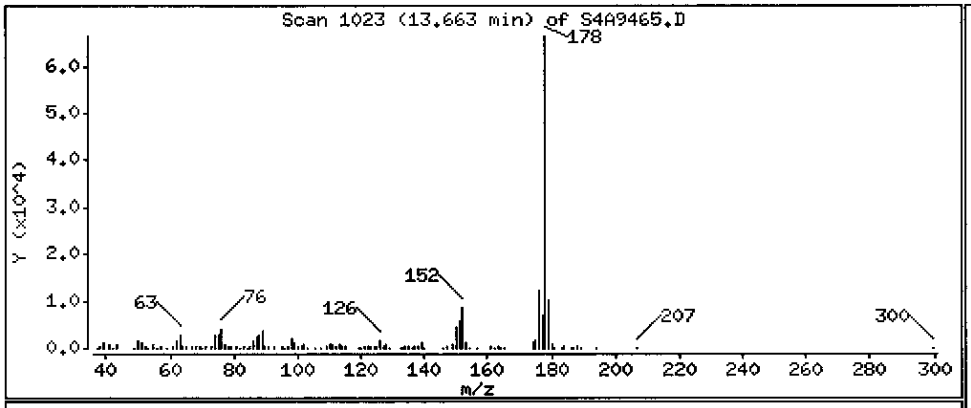
Operator: AW SRC: LIMS

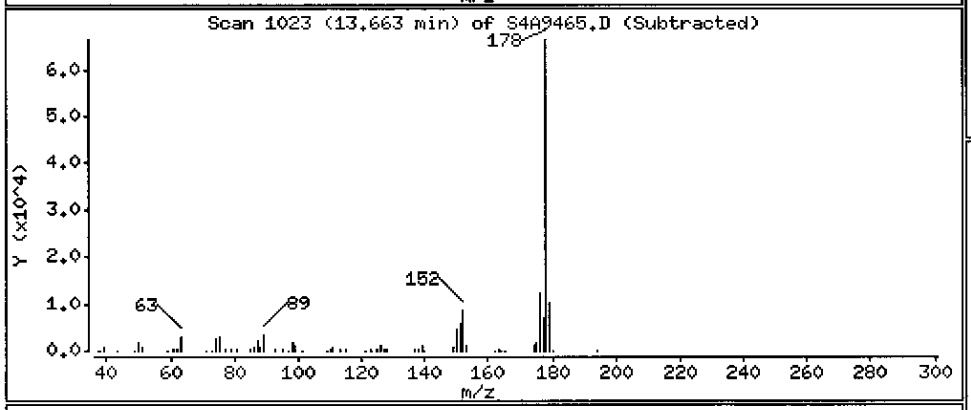
Column phase: DB-5MS

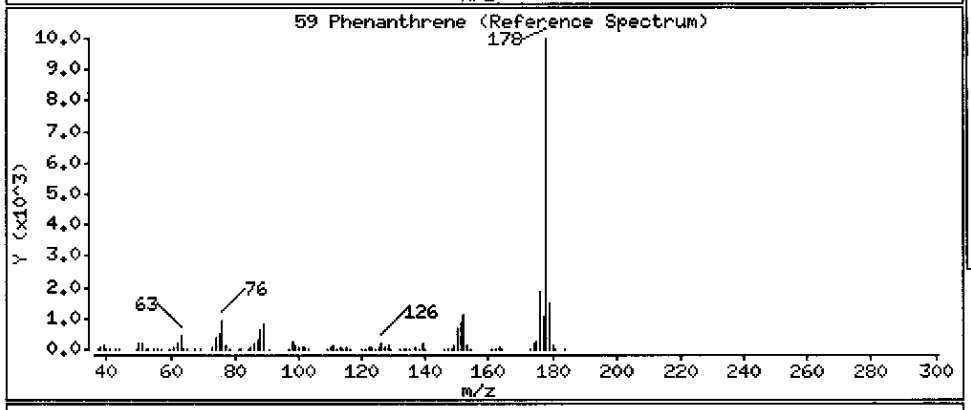
Column diameter: 0.25

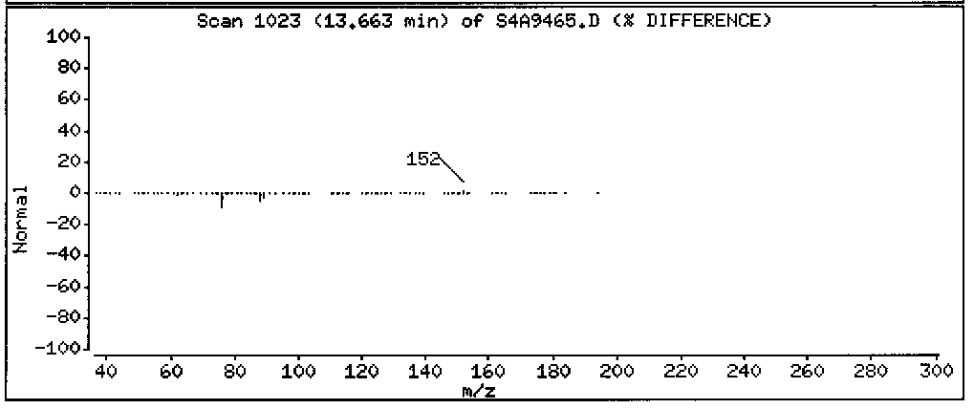
59 Phenanthrene

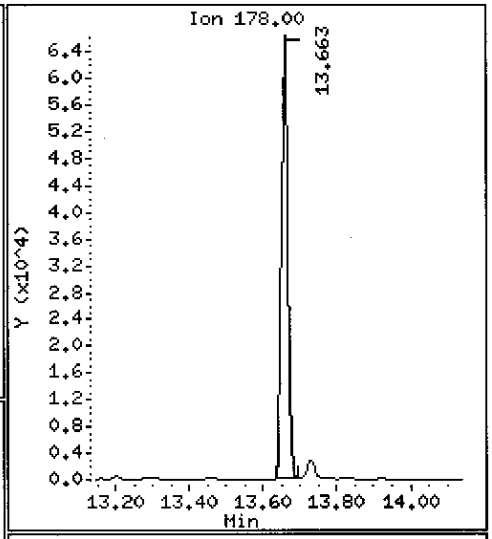
Concentration: 9700 ug/Kg

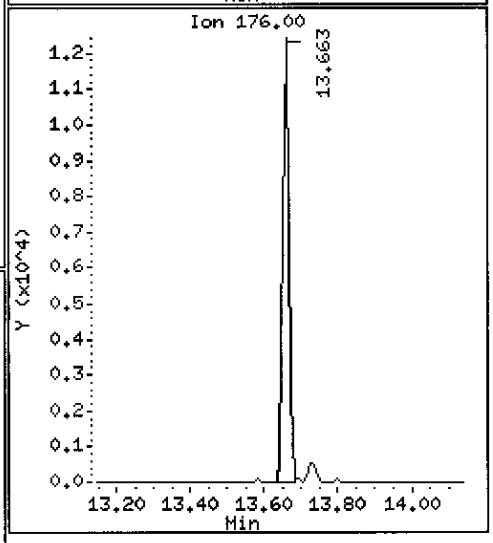












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D

Date : 25-AUG-2005 18:32

Client ID: SD02-S-ODL

Instrument: S4.i

Sample Info: D0926-02ADL,,19468,,5

Volume Injected (uL): 2.0

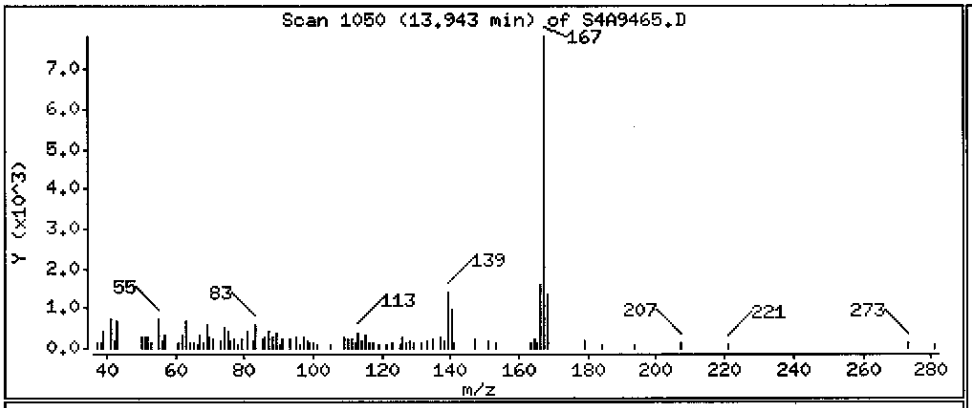
Operator: AW SRC: LIMS

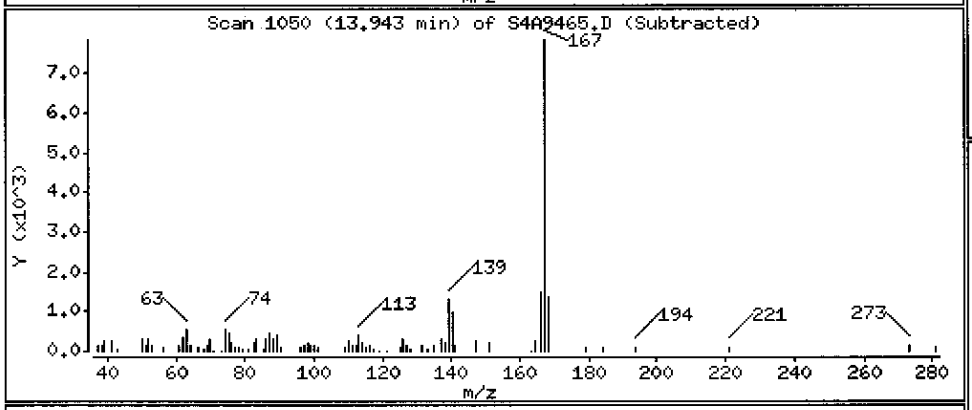
Column phase: DB-5MS

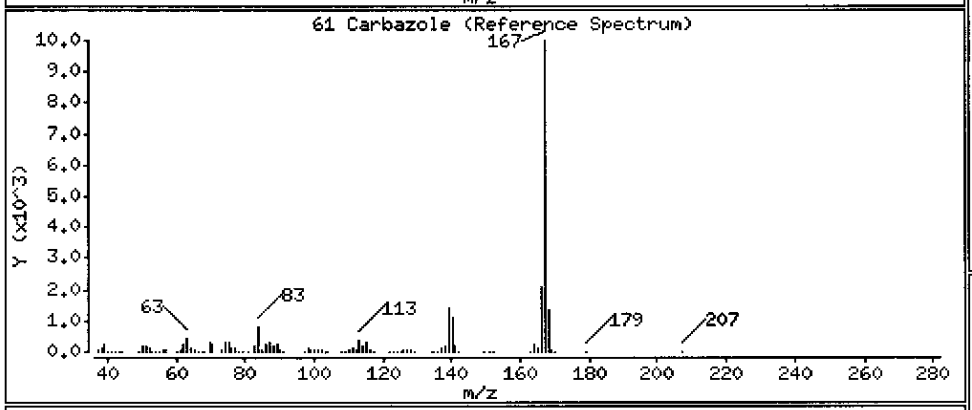
Column diameter: 0.25

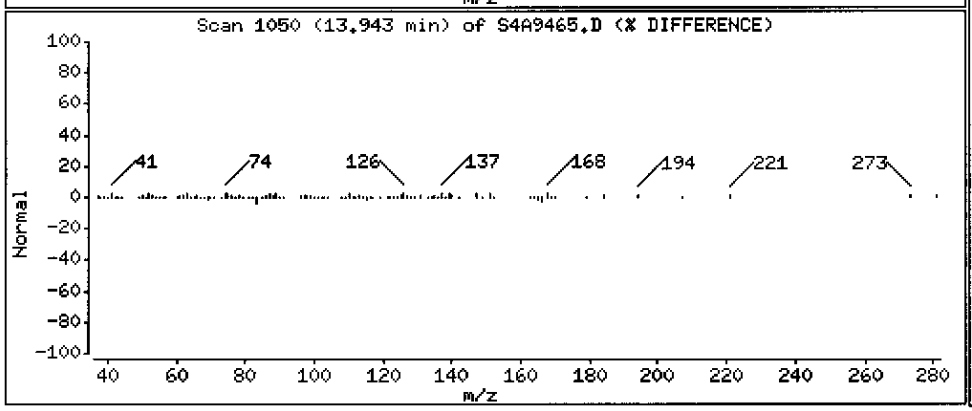
61 Carbazole

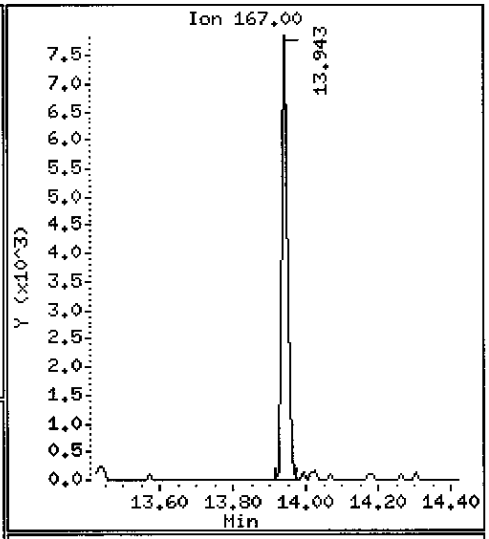
Concentration: 1300 ug/Kg

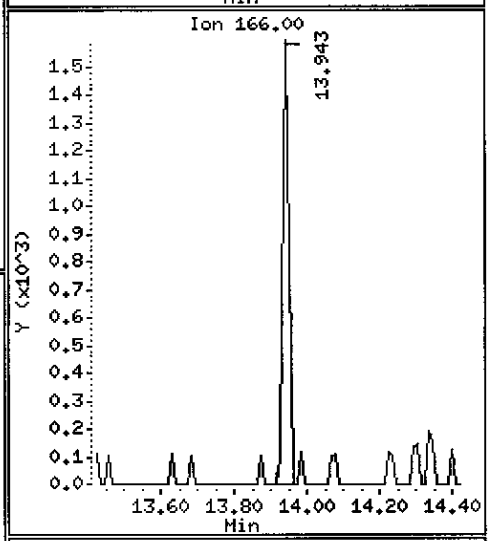


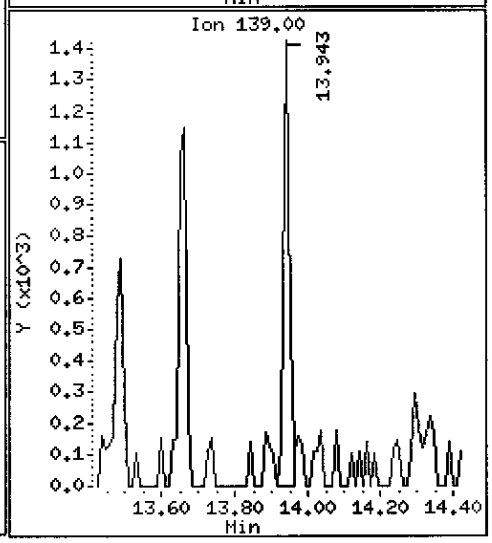












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D

Date : 25-AUG-2005 18:32

Client ID: SD02-S-ODL

Instrument: S4.i

Sample Info: D0926-02ADL,,19468,,5

Volume Injected (uL): 2.0

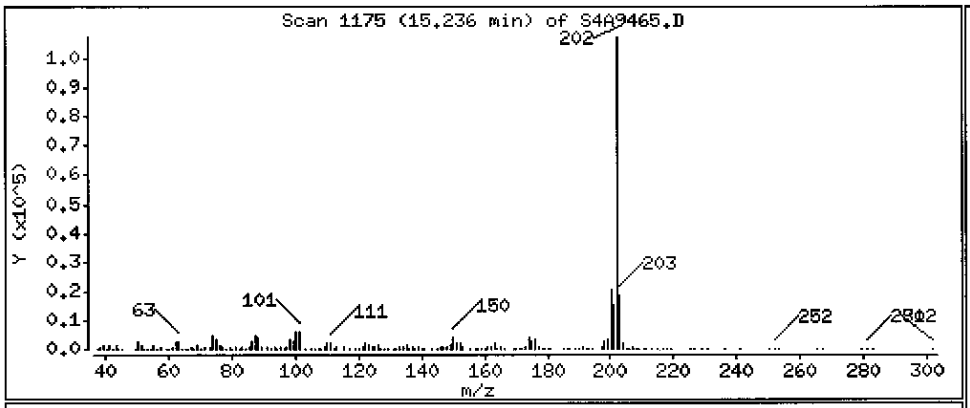
Operator: AW SRC: LIMS

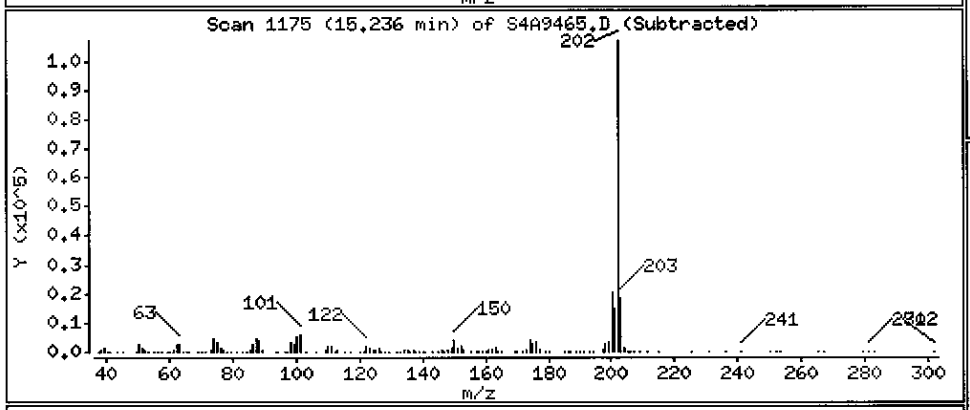
Column phase: DB-5MS

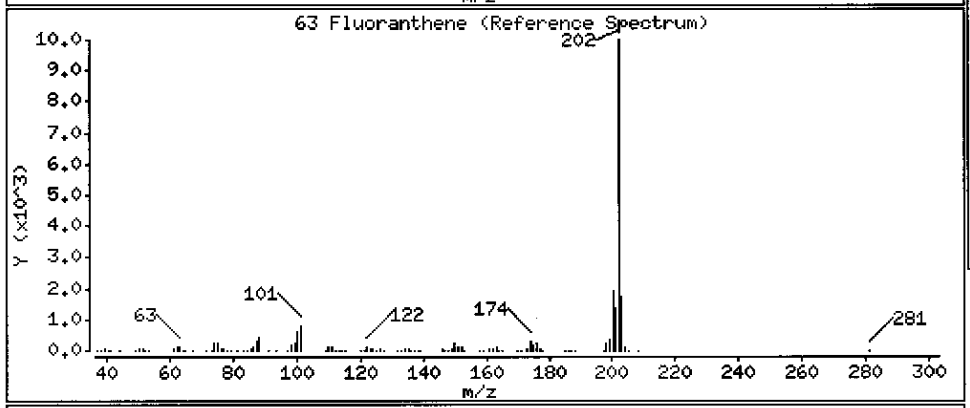
Column diameter: 0.25

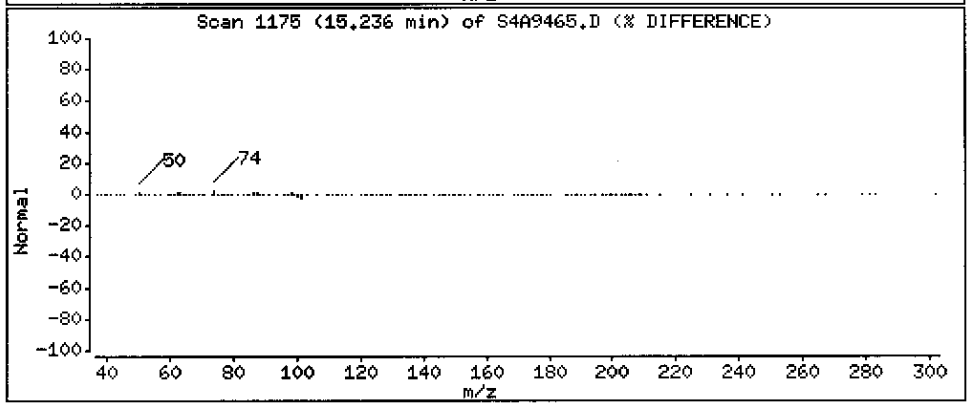
63 Fluoranthene

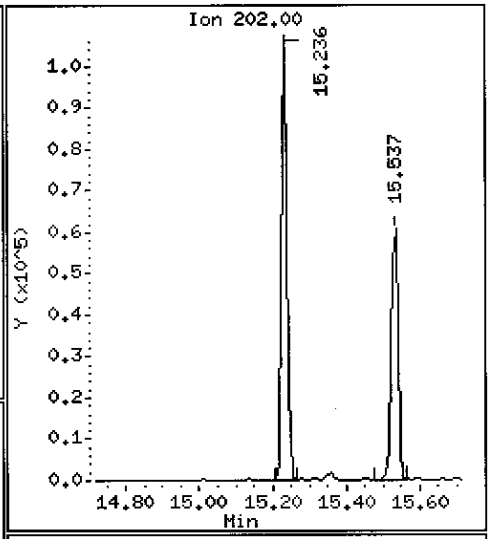
Concentration: 15000 ug/Kg

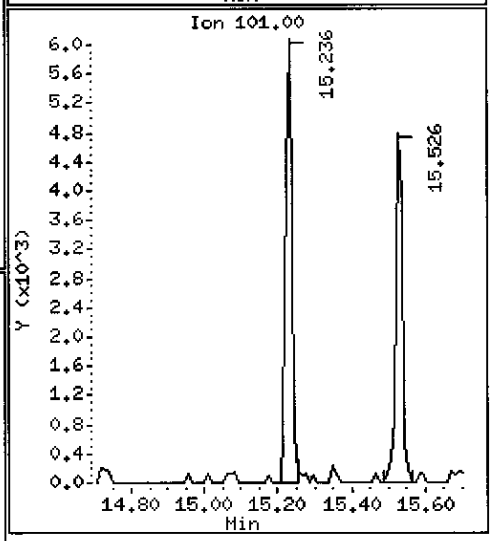












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D

Date : 25-AUG-2005 18:32

Client ID: SD02-S-ODL

Instrument: S4.i

Sample Info: D0926-02ADL,,19468,,5

Volume Injected (uL): 2.0

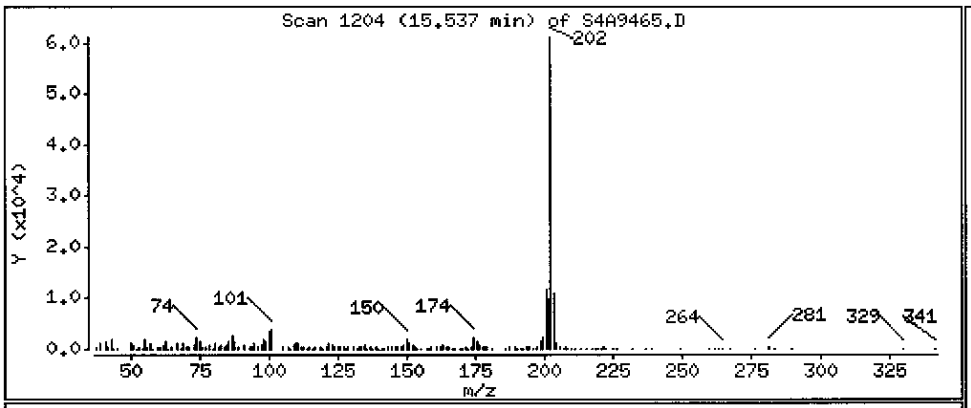
Operator: AW SRC: LIMS

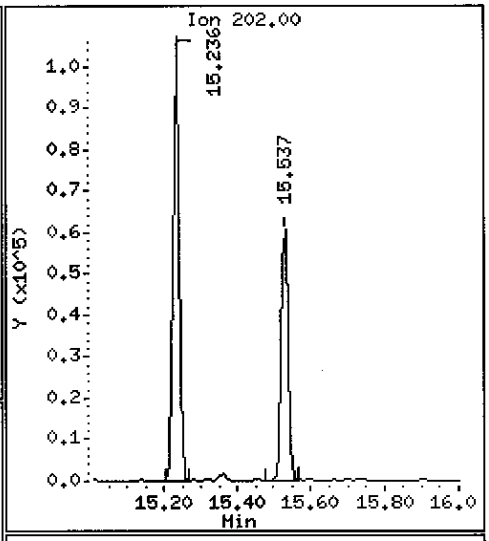
Column phase: DB-5MS

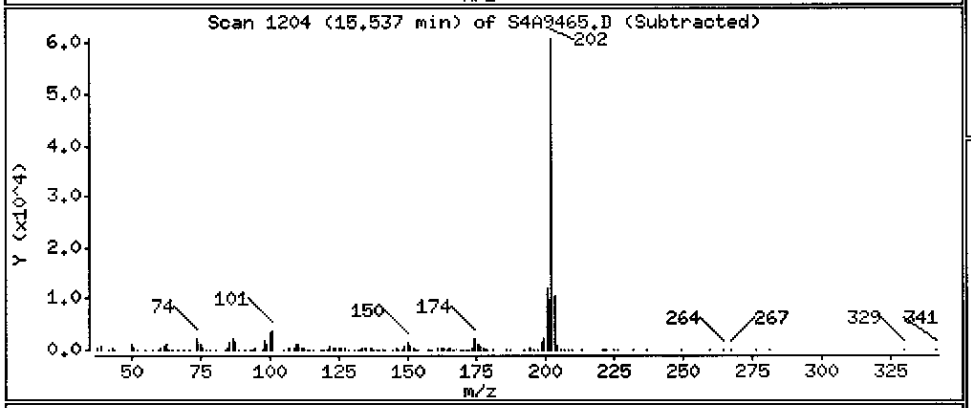
Column diameter: 0.25

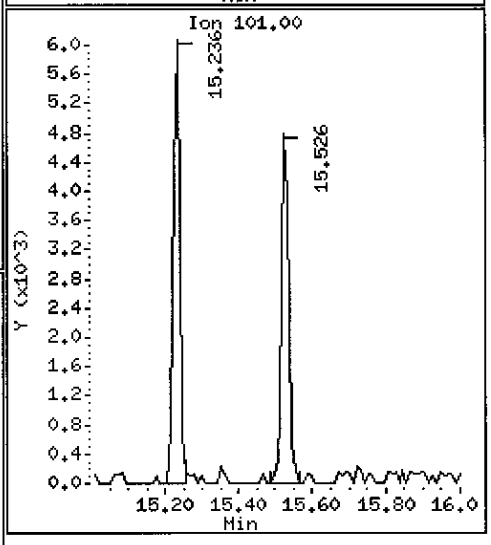
64 Pyrene

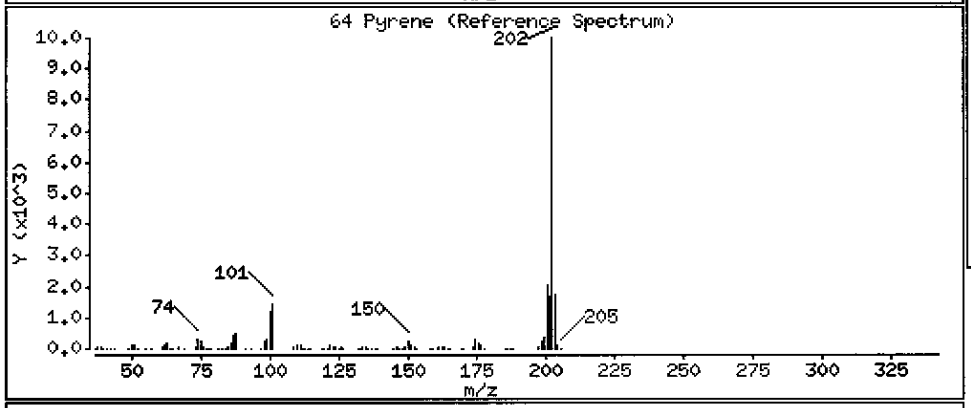
Concentration: 14000 ug/Kg

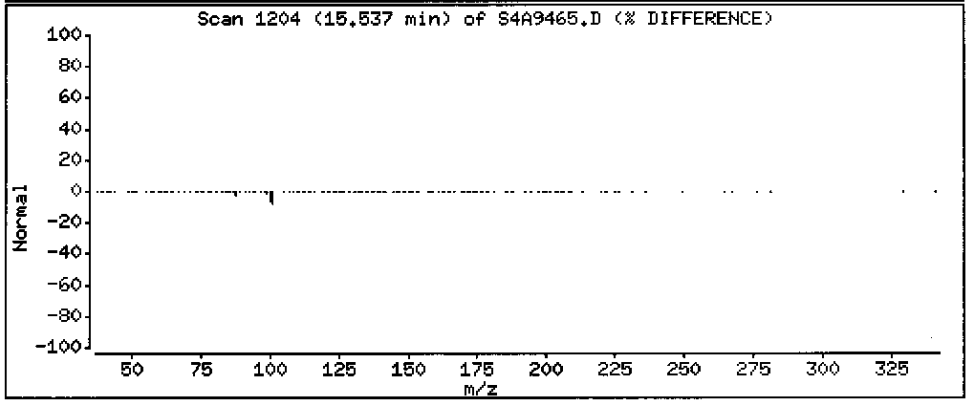












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D

Date : 25-AUG-2005 18:32

Client ID: SD02-S-ODL

Instrument: S4.i

Sample Info: D0926-02ADL,,19468,,5

Volume Injected (uL): 2.0

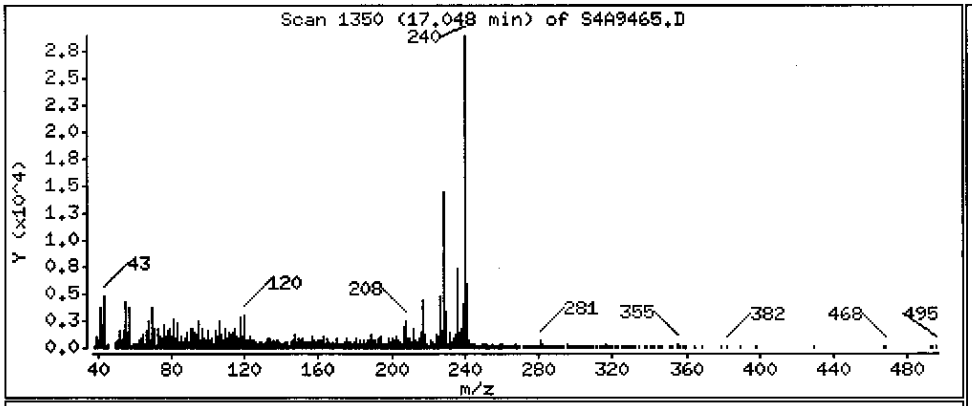
Operator: AW SRC: LIMS

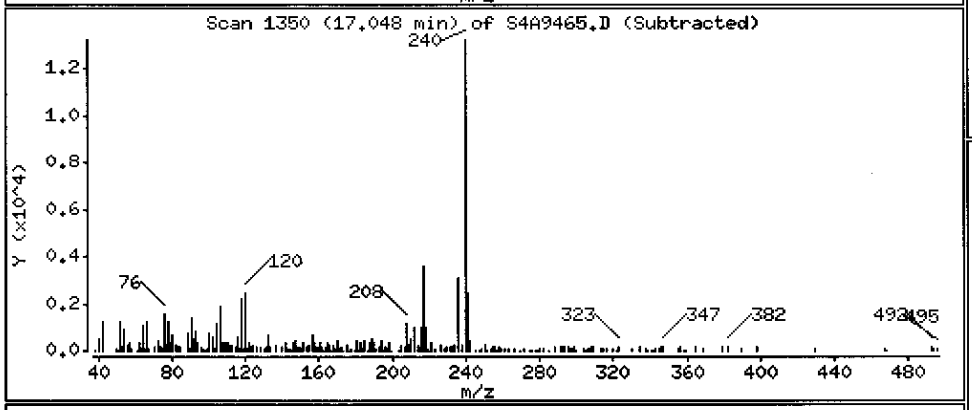
Column phase: DB-5MS

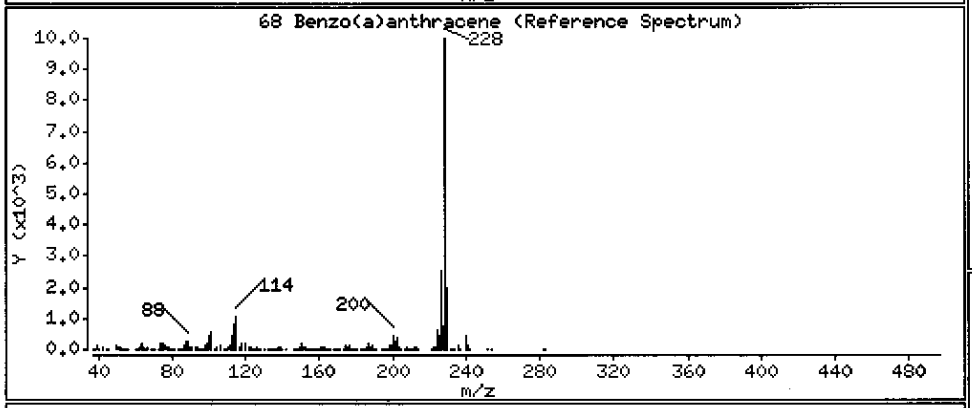
Column diameter: 0.25

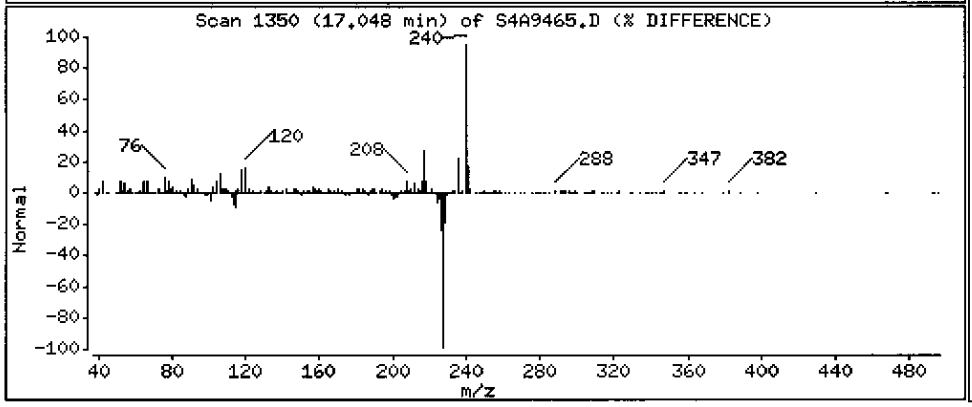
68 Benzo(a)anthracene

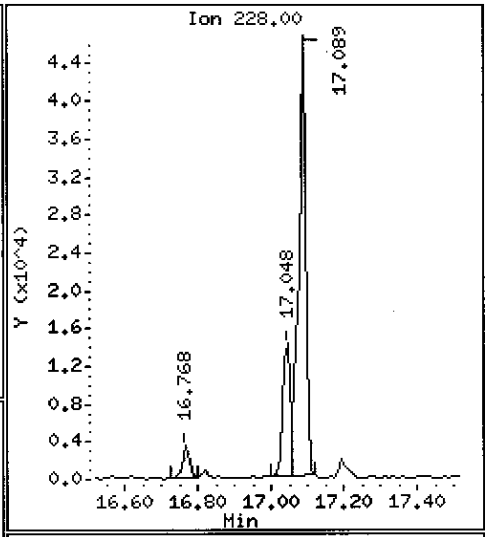
Concentration: 4100 ug/Kg

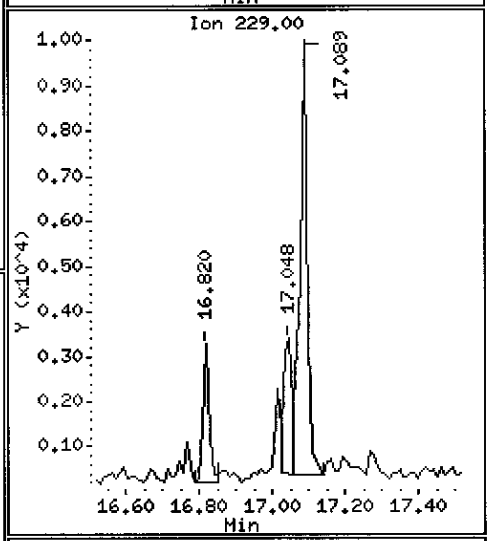


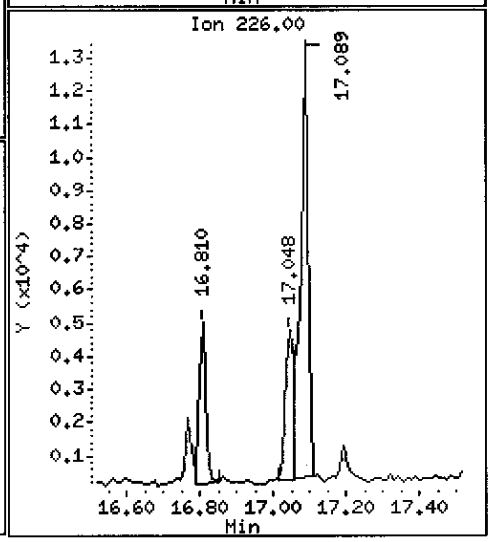












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D

Date : 25-AUG-2005 18:32

Client ID: SD02-S-ODL

Instrument: S4.i

Sample Info: D0926-02ADL,,19468,,5

Volume Injected (uL): 2.0

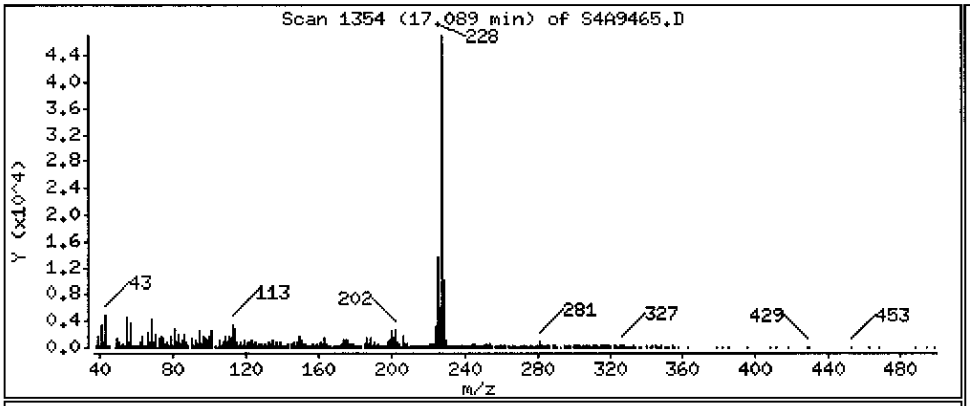
Operator: AW SRC: LIMS

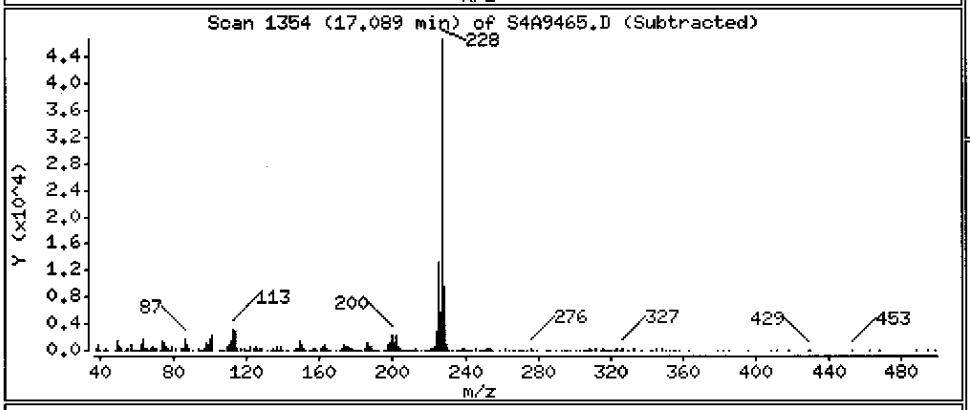
Column phase: DB-5MS

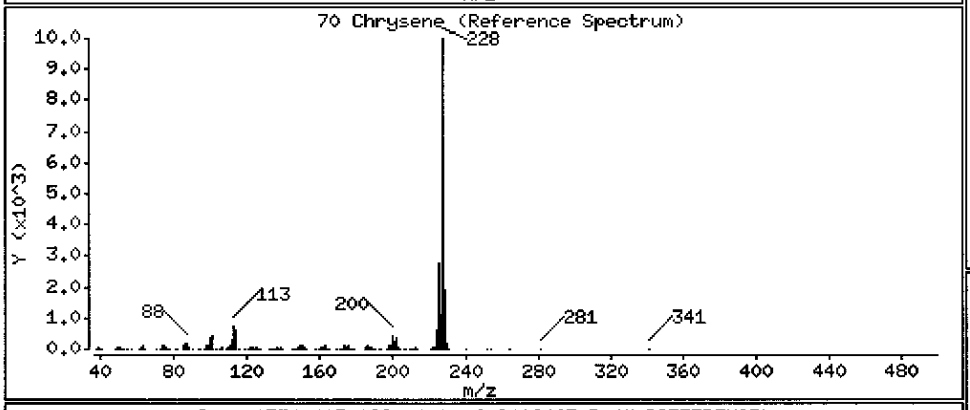
Column diameter: 0.25

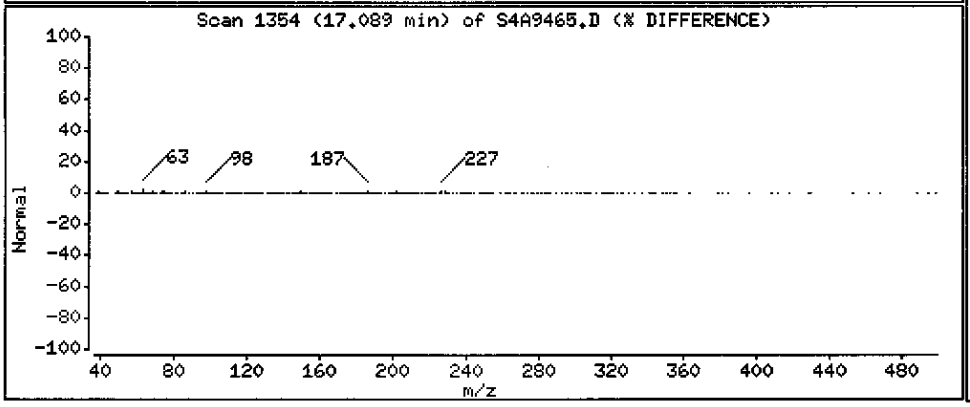
70 Chrysene

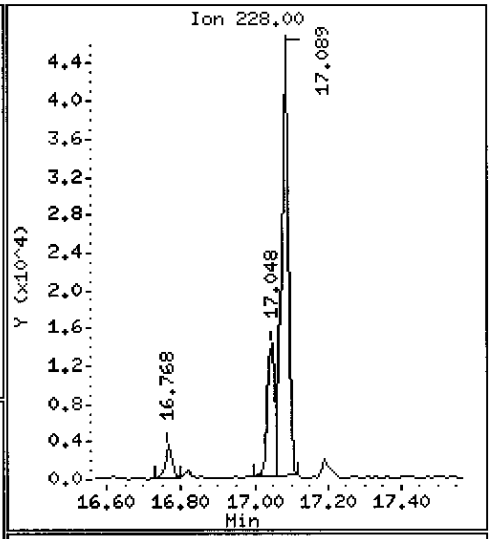
Concentration: 13000 ug/Kg

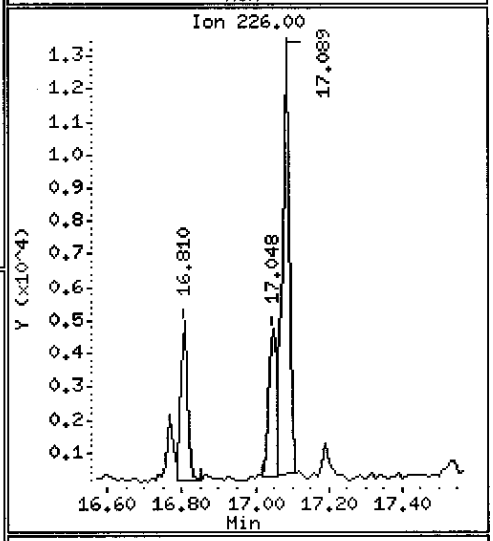


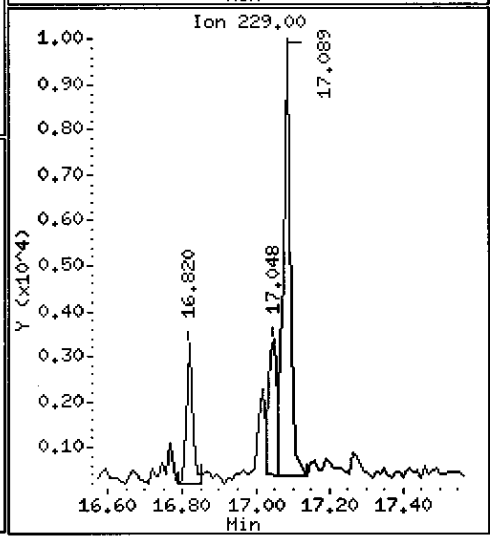












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D

Date : 25-AUG-2005 18:32

Client ID: SD02-S-ODL

Instrument: S4.i

Sample Info: D0926-02ADL,,19468,,5

Volume Injected (uL): 2.0

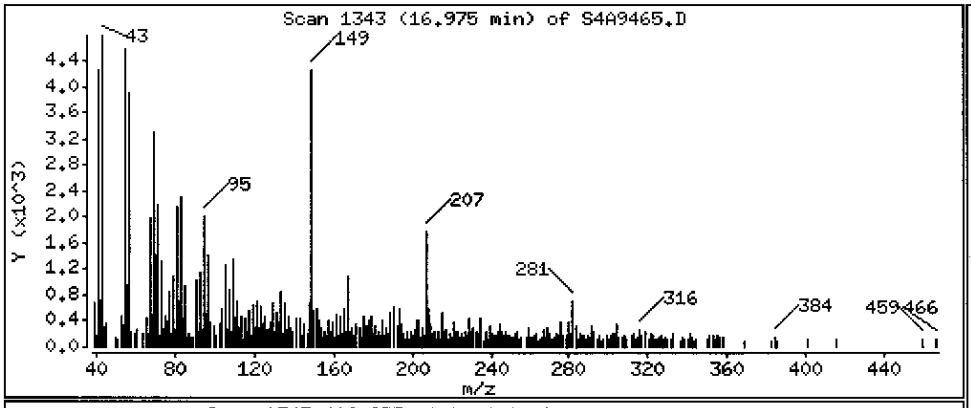
Operator: AW SRC: LIMS

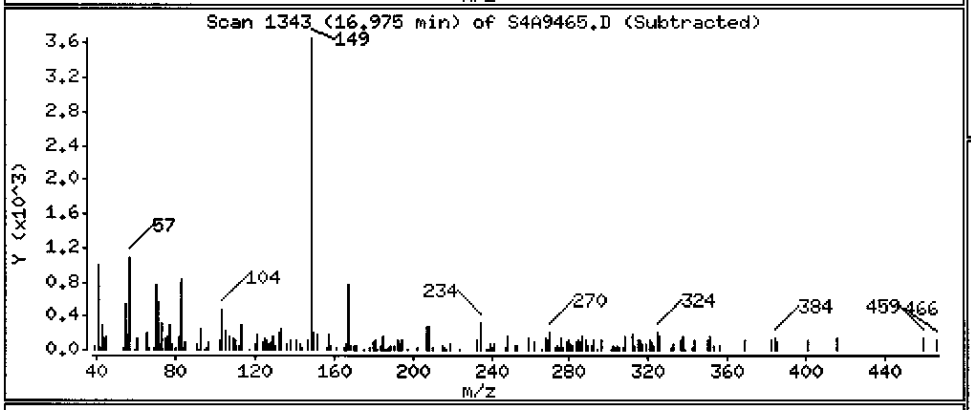
Column phase: DB-5MS

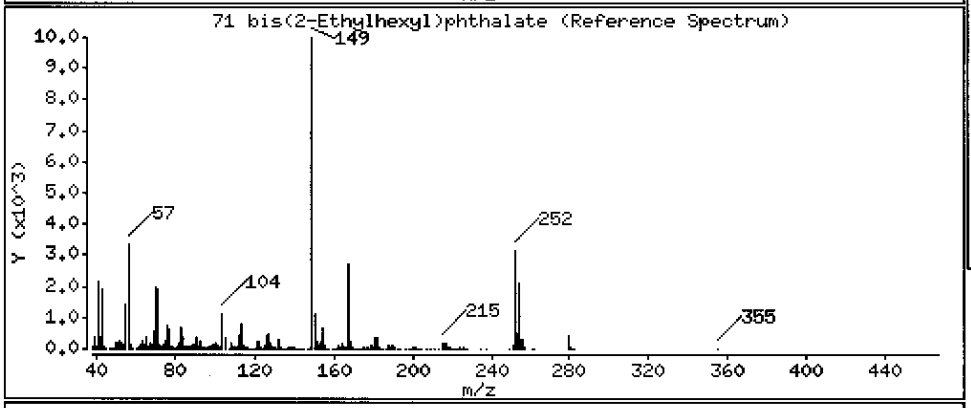
Column diameter: 0.25

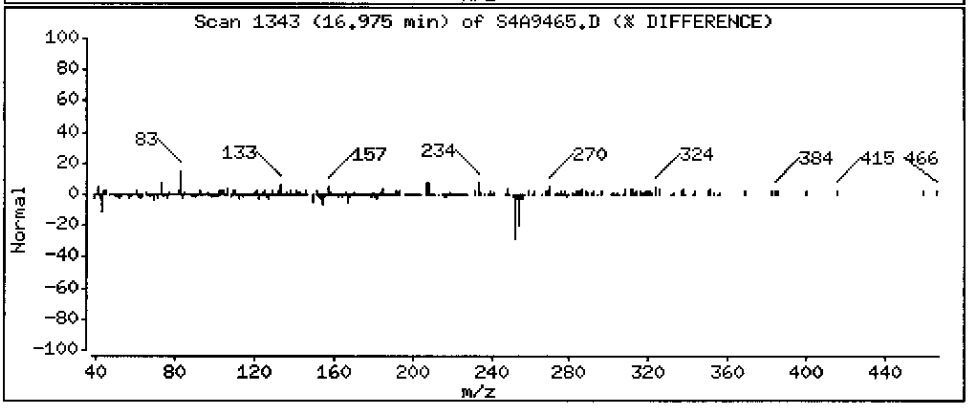
71 bis(2-Ethylhexyl)phthalate

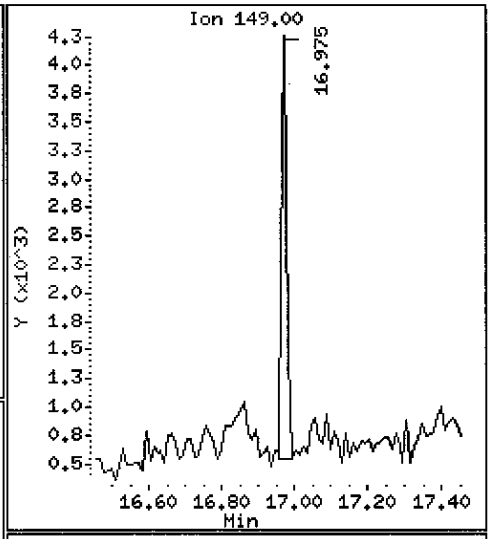
Concentration: 950 ug/Kg

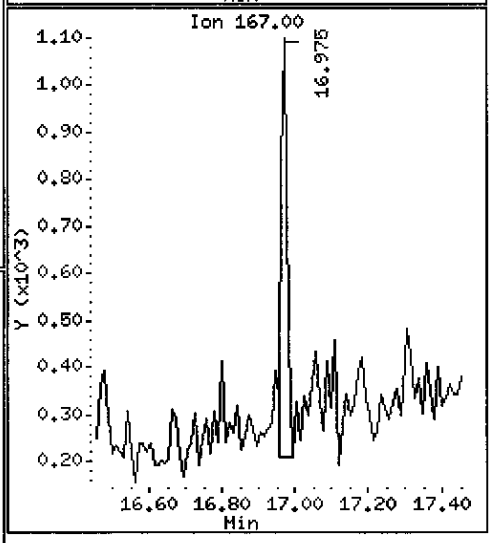












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D

Date : 25-AUG-2005 18:32

Client ID: SD02-S-ODL

Instrument: S4.i

Sample Info: D0926-02ADL,,19468,,5

Volume Injected (uL): 2.0

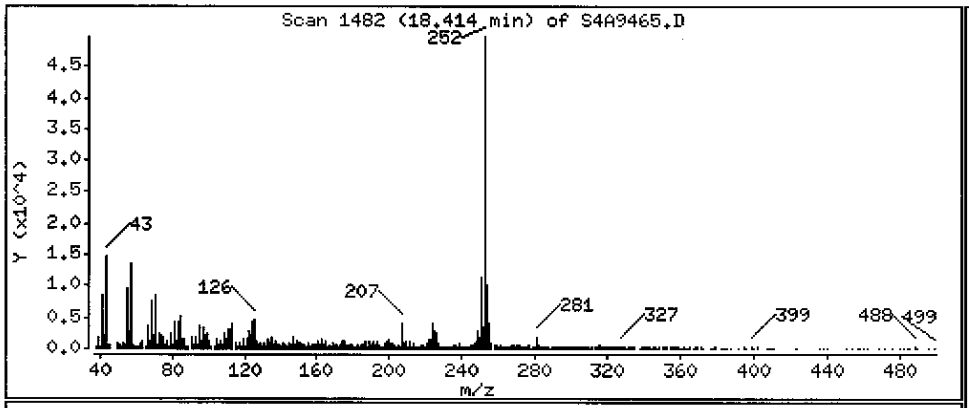
Operator: AW SRC: LIMS

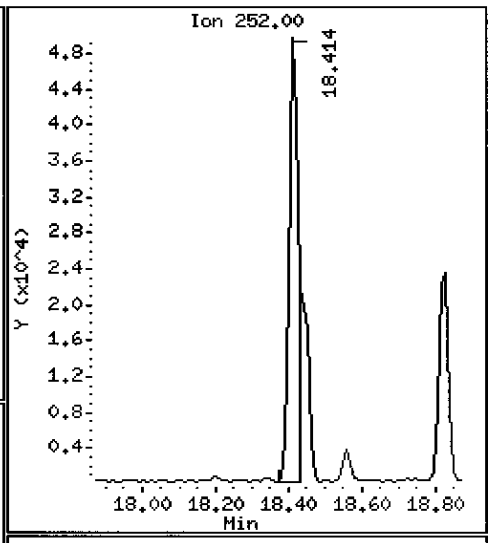
Column phase: DB-5MS

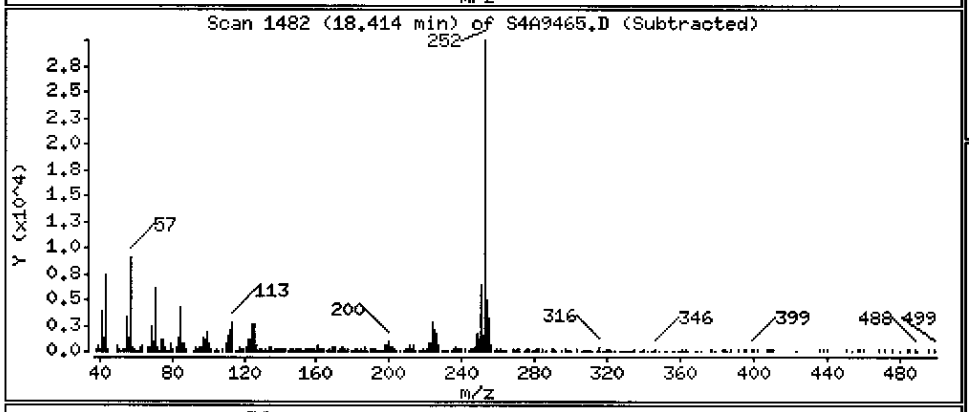
Column diameter: 0.25

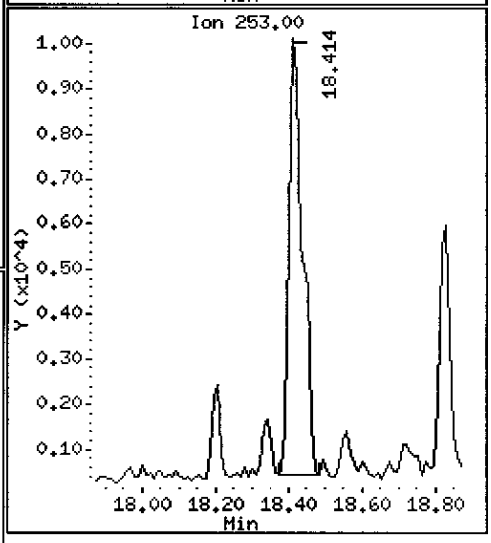
73 Benzo(b)fluoranthene

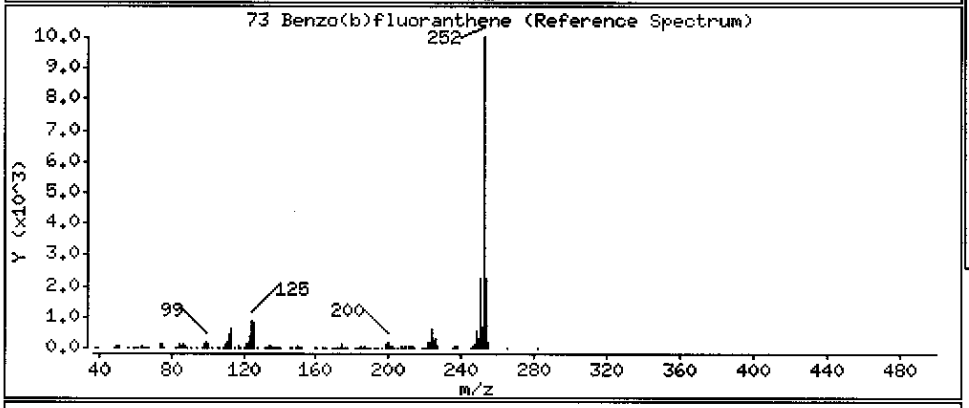
Concentration: 16000 ug/Kg

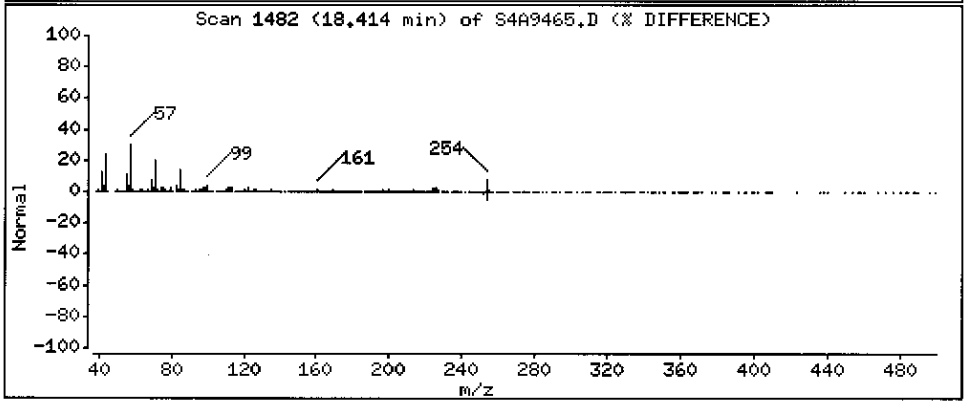












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D

Date : 25-AUG-2005 18:32

Client ID: SD02-S-ODL

Instrument: S4.i

Sample Info: D0926-02ADL,,19468,,5

Volume Injected (uL): 2.0

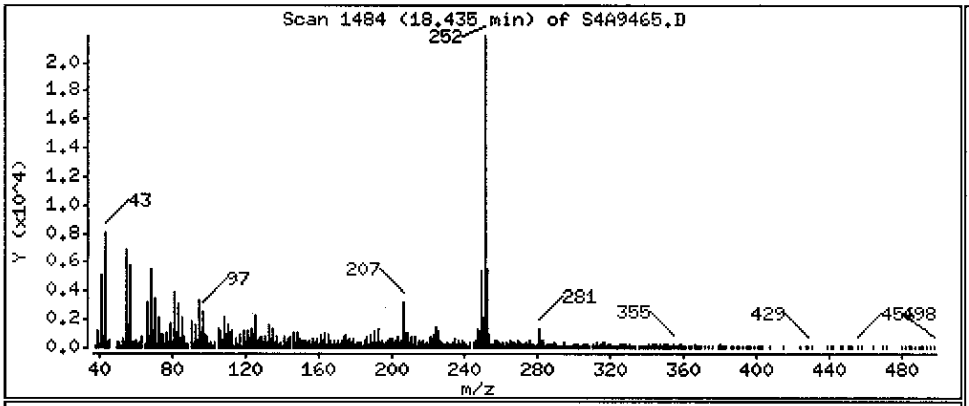
Operator: AW SRC: LIMS

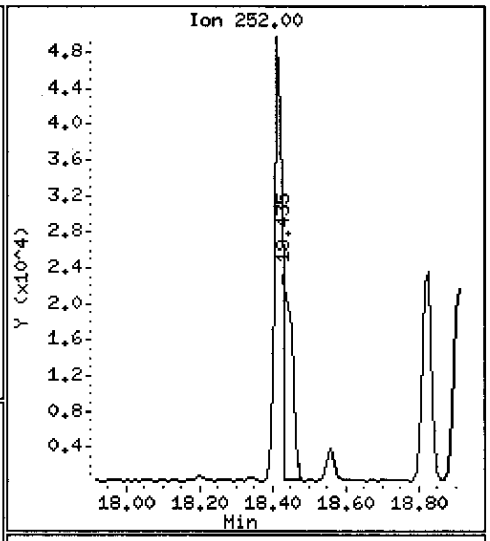
Column phase: DB-5MS

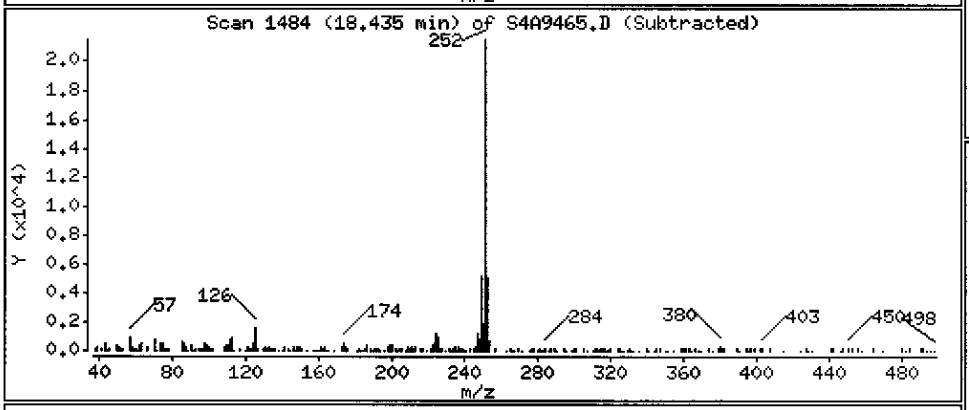
Column diameter: 0.25

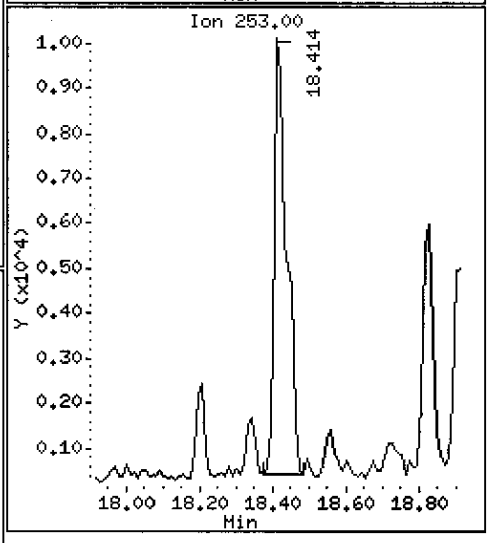
74 Benzo(k)fluoranthene

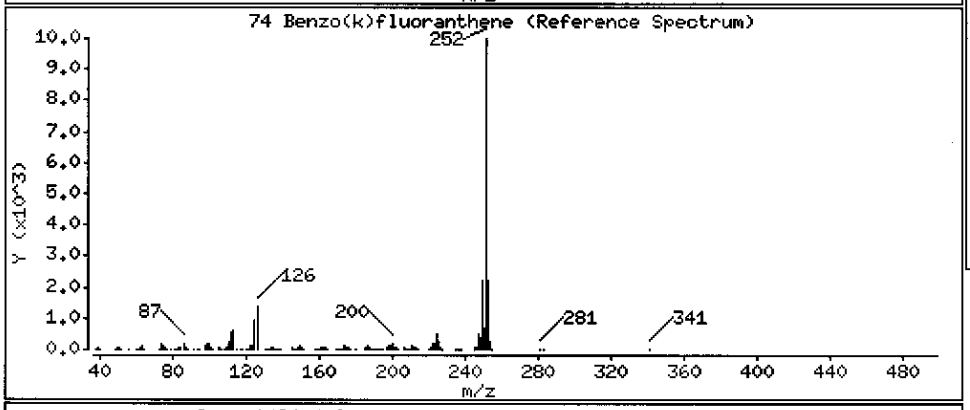
Concentration: 6900 ug/Kg

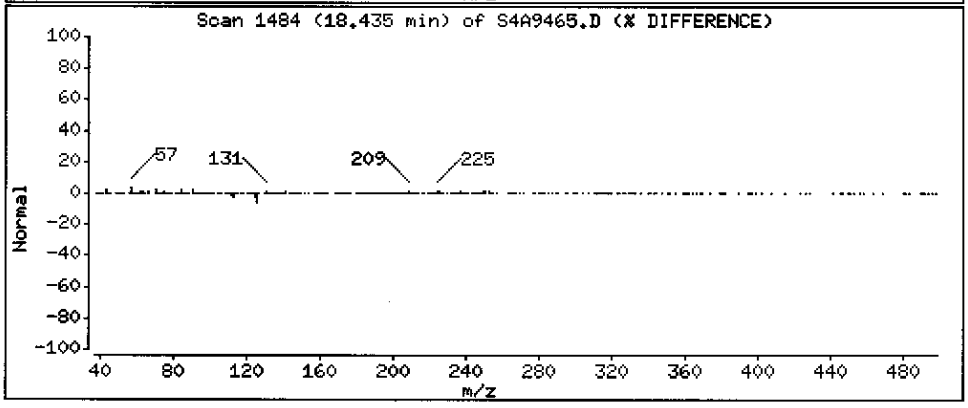












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D

Date : 25-AUG-2005 18:32

Client ID: SD02-S-ODL

Instrument: S4.i

Sample Info: D0926-02ADL,,19468,,5

Volume Injected (uL): 2.0

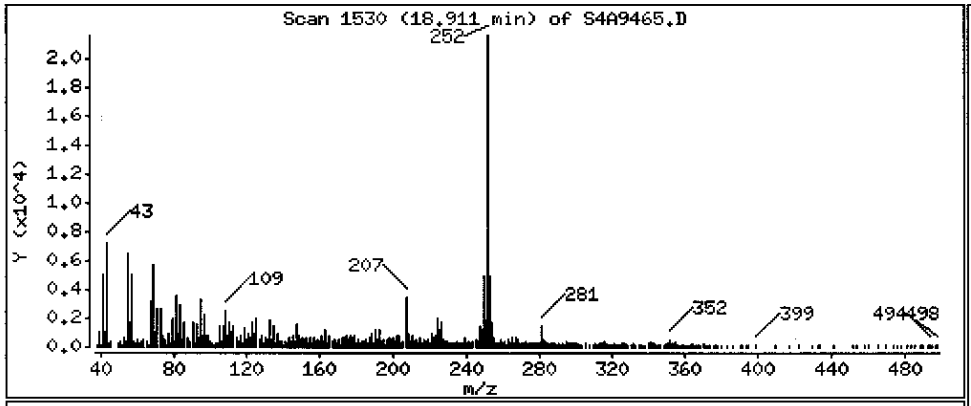
Operator: AW SRC: LIMS

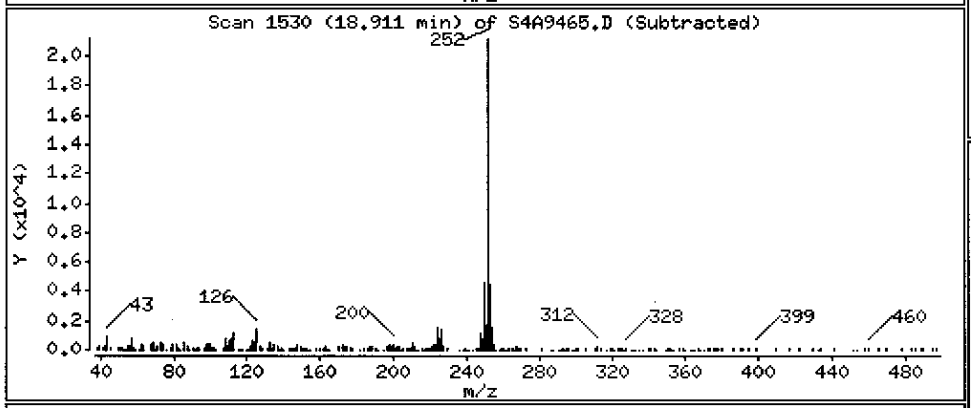
Column phase: DB-5MS

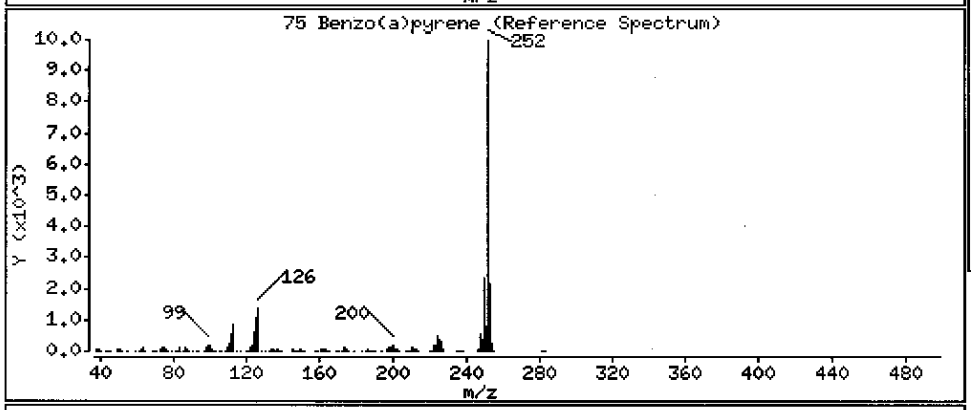
Column diameter: 0.25

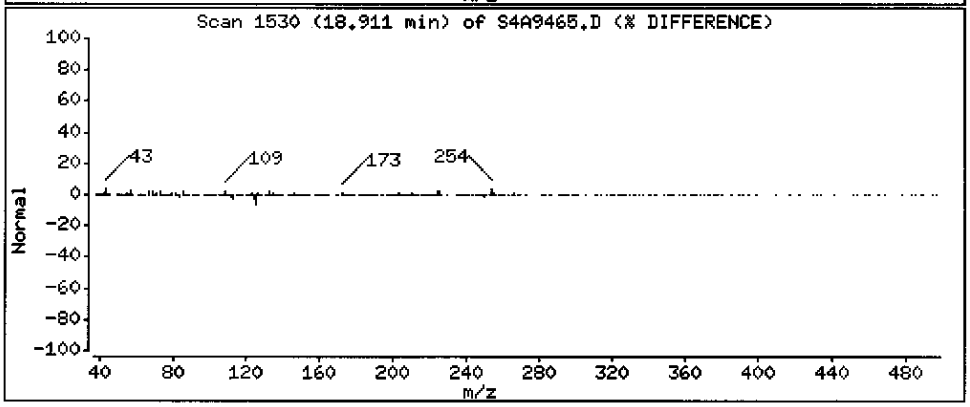
75 Benzo(a)pyrene

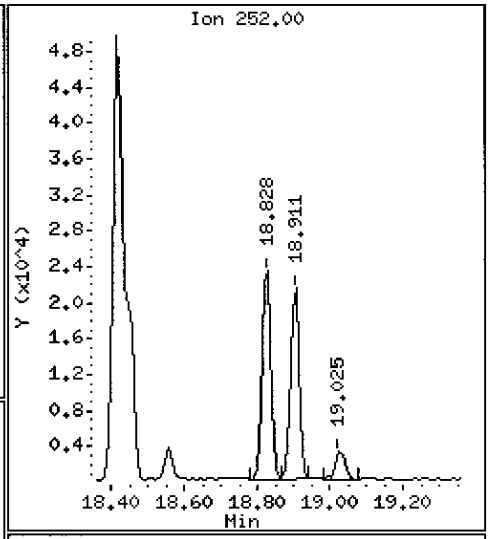
Concentration: 7900 ug/Kg

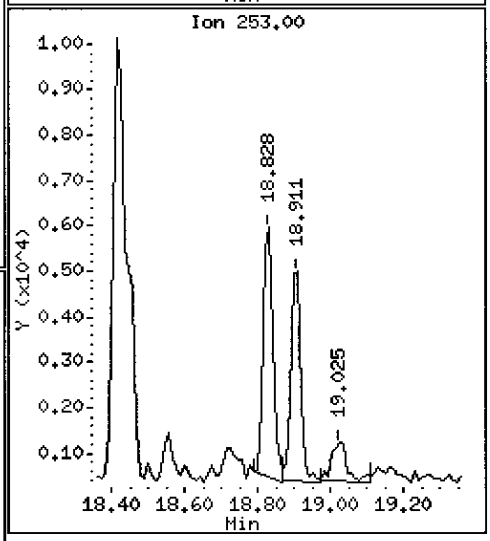












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D

Date : 25-AUG-2005 18:32

Client ID: SD02-S-ODL

Instrument: S4.i

Sample Info: D0926-02ADL,,19468,,5

Volume Injected (uL): 2.0

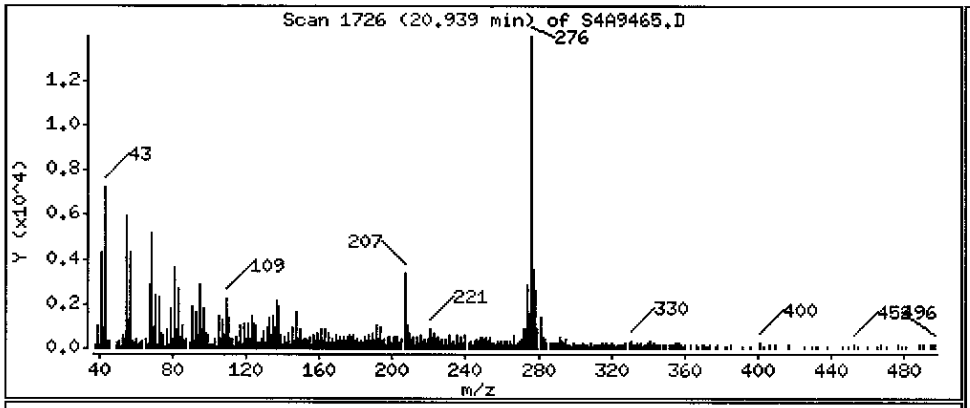
Operator: AW SRC: LIMS

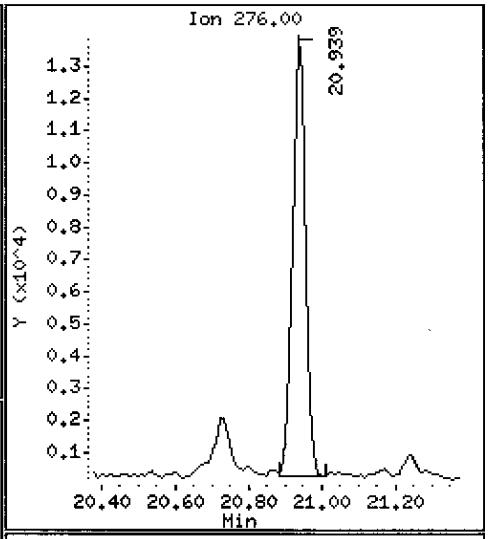
Column phase: DB-5MS

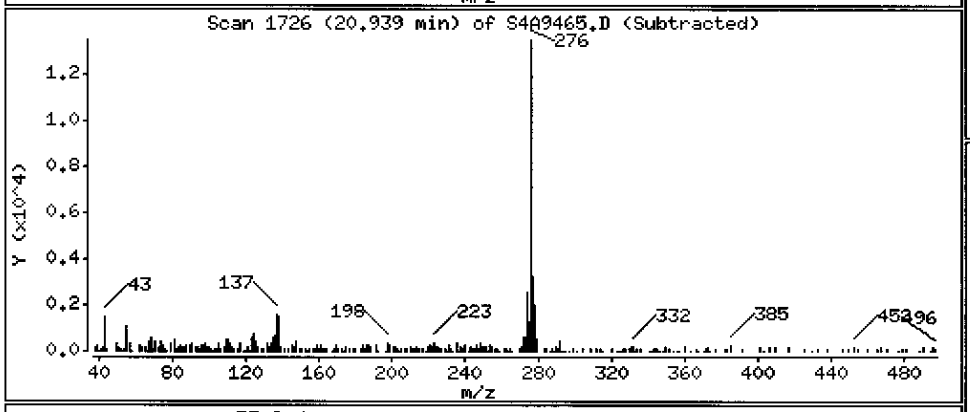
Column diameter: 0.25

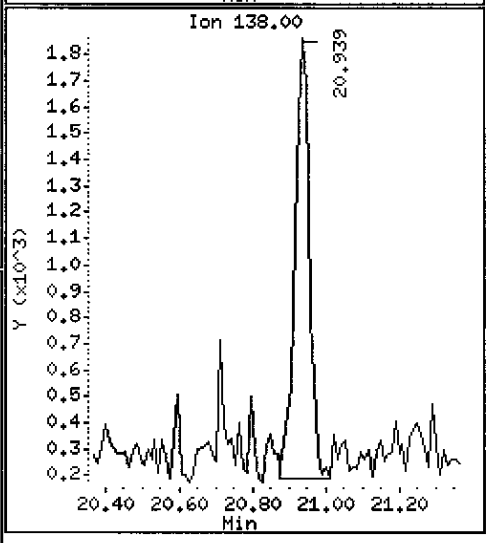
77 Indeno(1,2,3-cd)pyrene

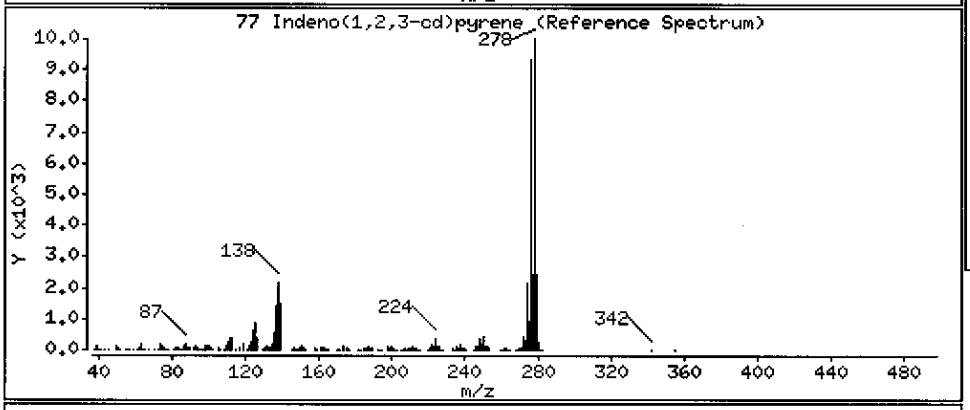
Concentration: 6200 ug/Kg

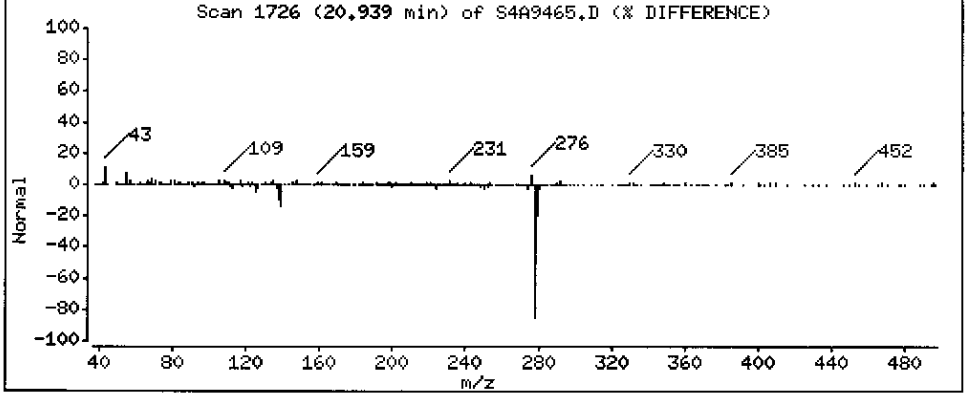












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D

Date : 25-AUG-2005 18:32

Client ID: SD02-S-ODL

Instrument: S4.i

Sample Info: D0926-02ADL,,19468,,5

Volume Injected (uL): 2.0

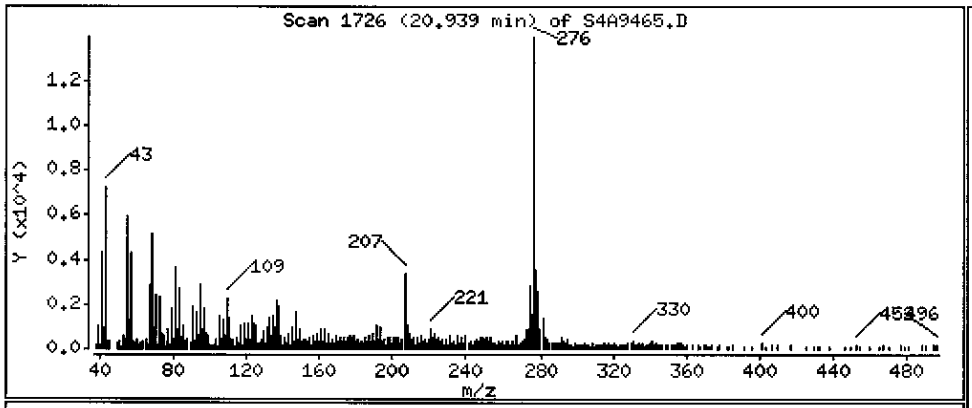
Operator: AW SRC: LIMS

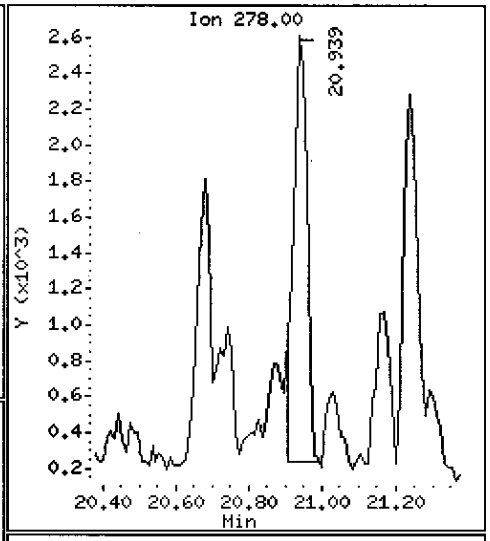
Column phase: DB-5MS

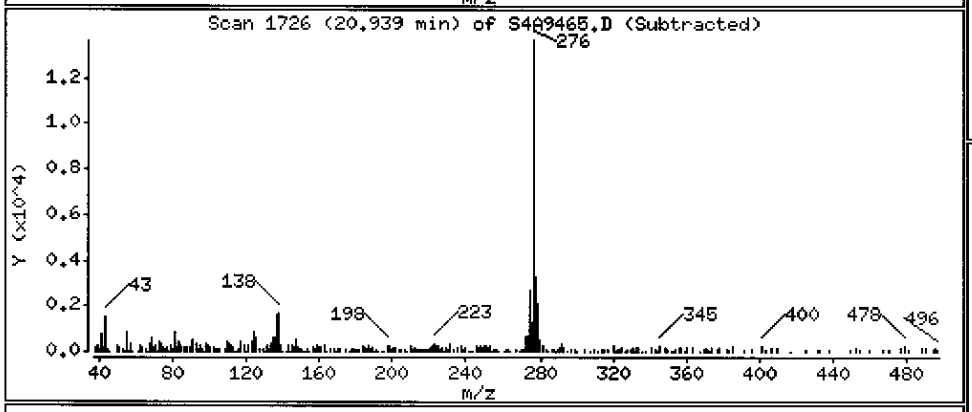
Column diameter: 0.25

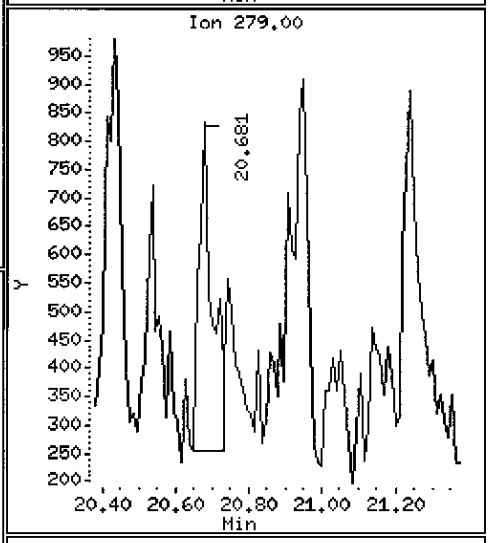
78 Dibenzo(a,h)anthracene

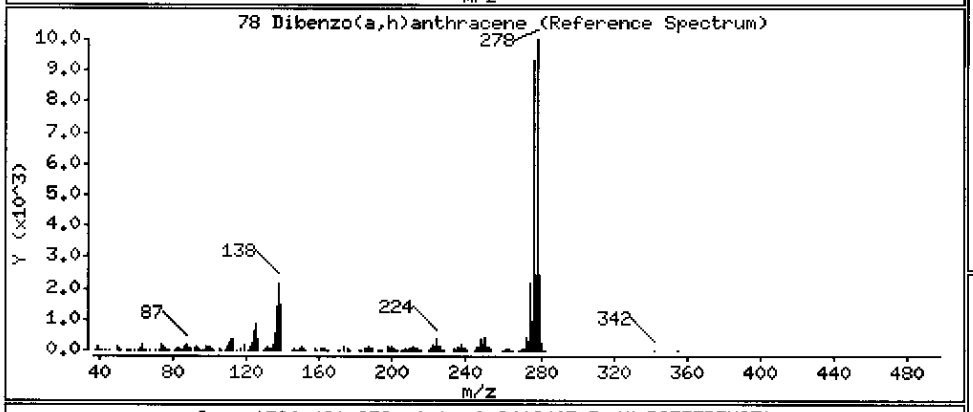
Concentration: 1400 ug/Kg

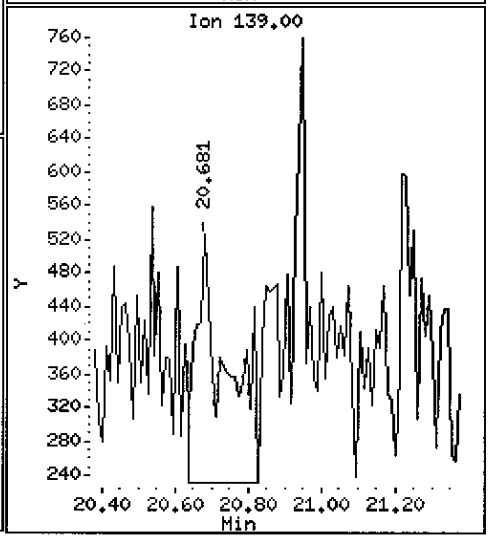


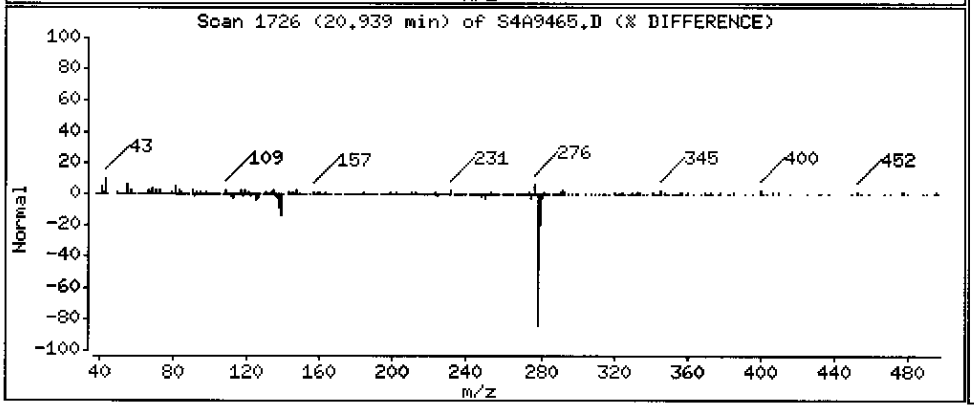












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D

Date : 25-AUG-2005 18:32

Client ID: SD02-S-ODL

Instrument: S4.i

Sample Info: D0926-02ADL,,19468,,5

Volume Injected (uL): 2.0

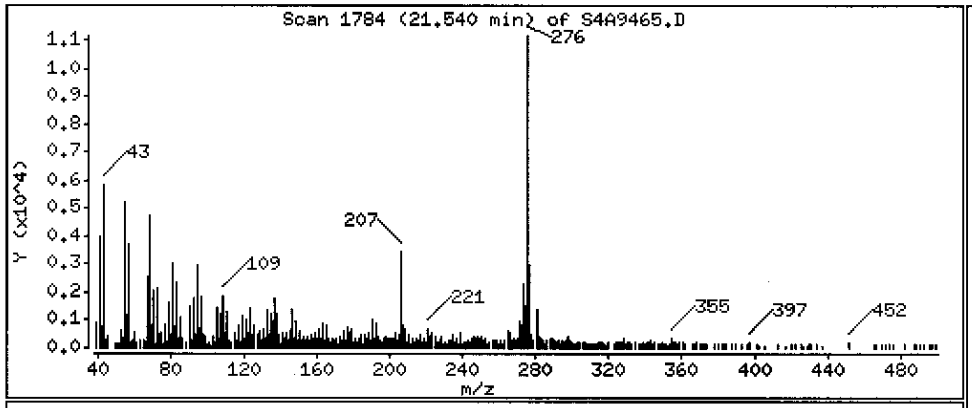
Operator: AW SRC: LIMS

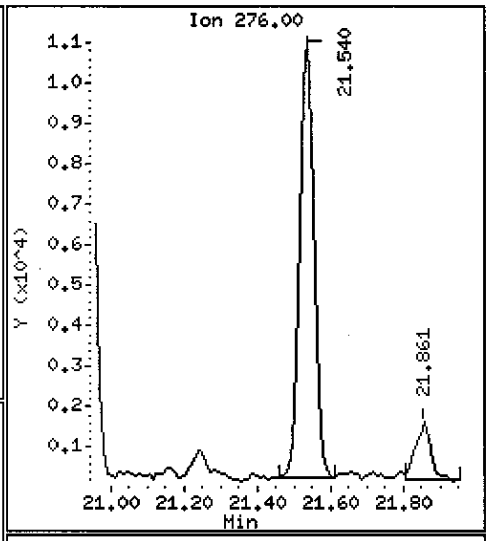
Column phase: DB-5MS

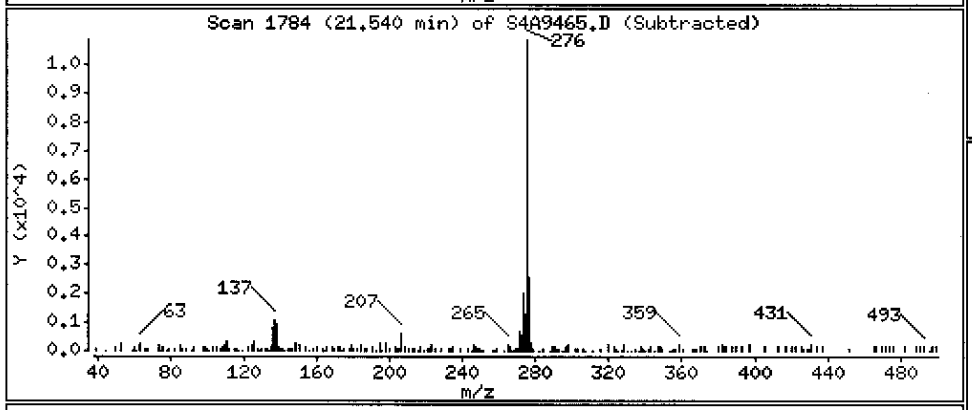
Column diameter: 0.25

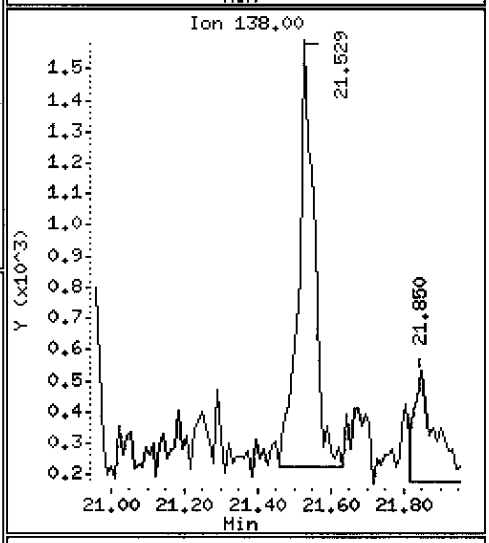
79 Benzo(g,h,i)perylene

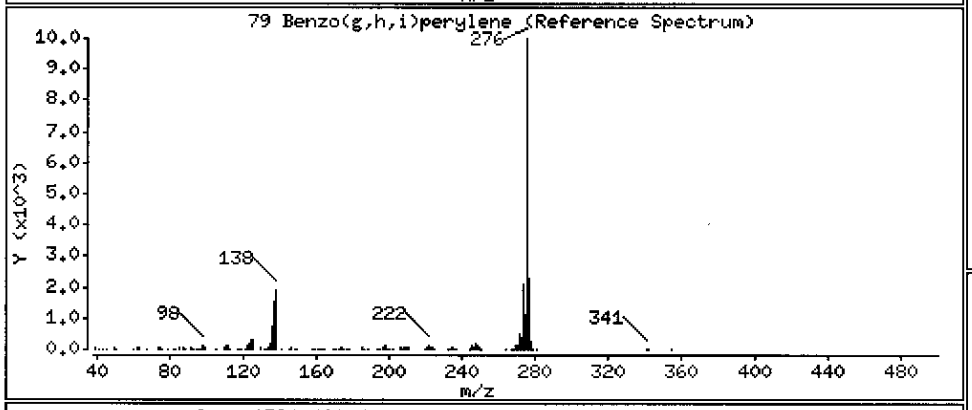
Concentration: 7400 ug/Kg

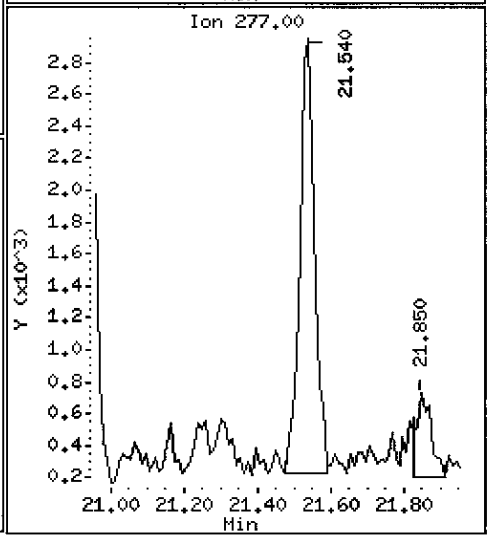


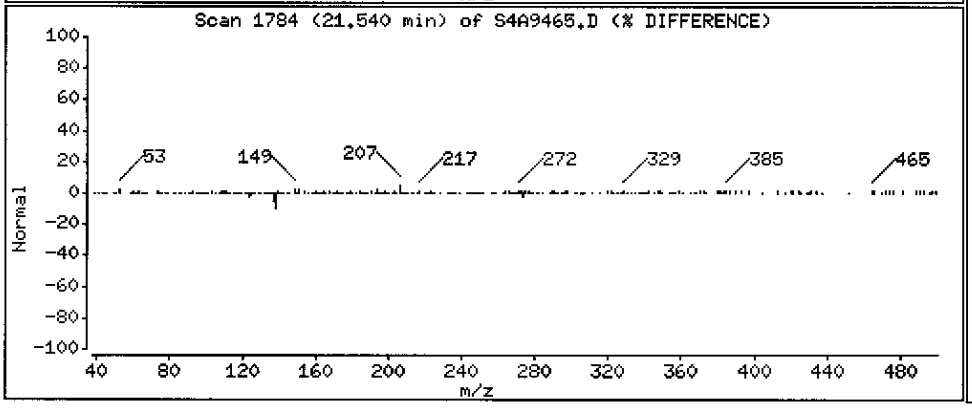












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D

Date : 25-AUG-2005 18:32

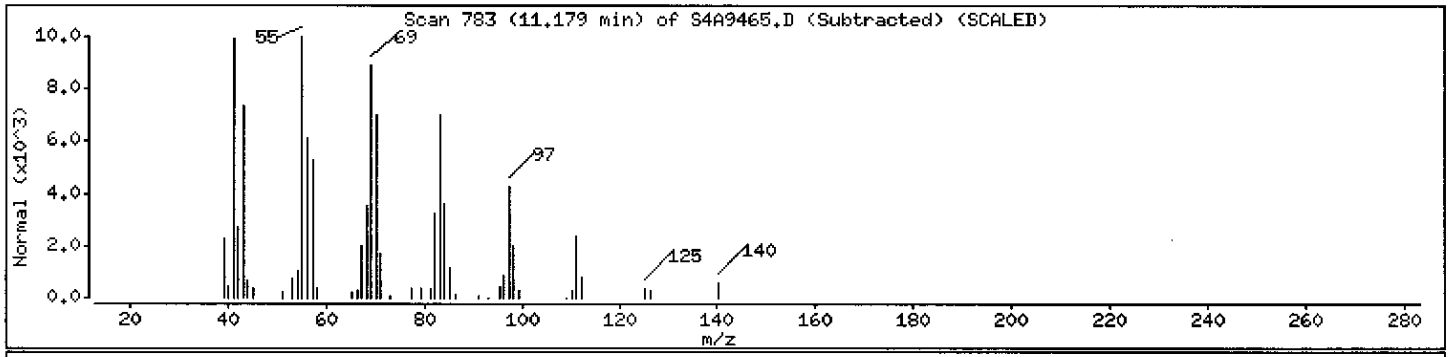
Client ID: SD02-S-ODL Instrument: S4.i

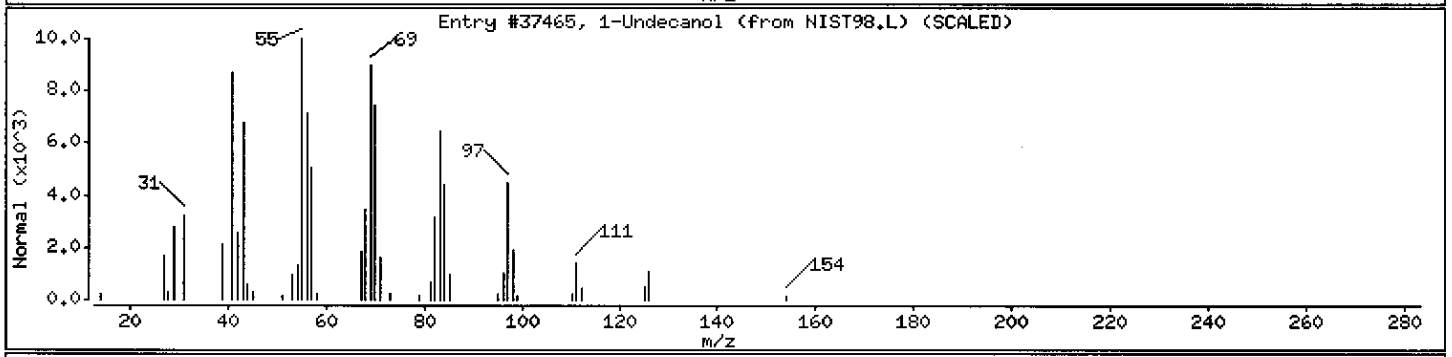
Sample Info: D0926-02ADL,,19468,,5

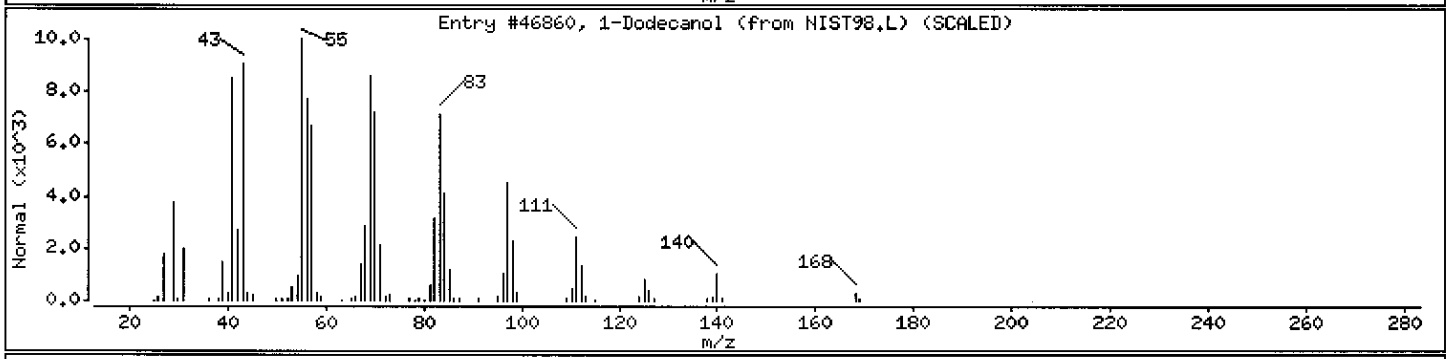
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

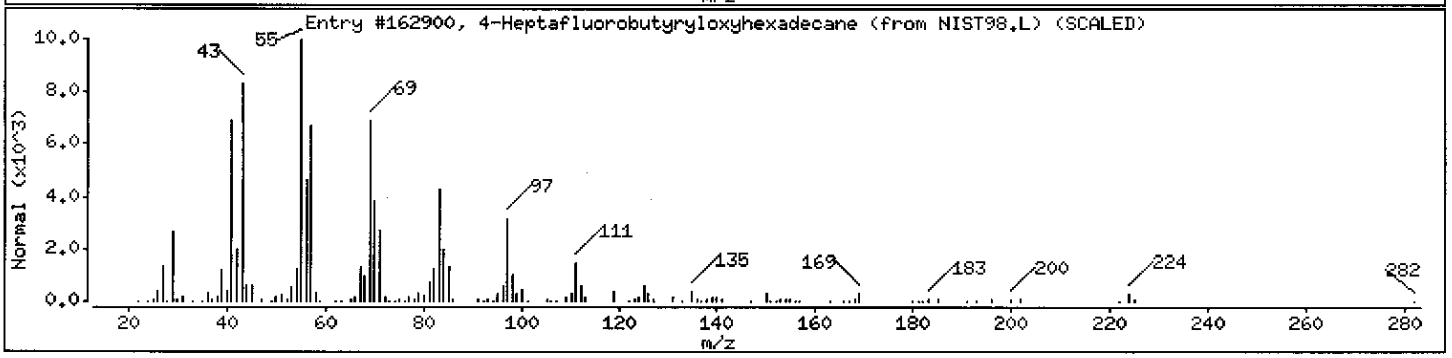
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Undecanol	112-42-5	NIST98.L	37465	91	C11H24O	172
1-Dodecanol	112-53-8	NIST98.L	46860	91	C12H26O	186
4-Heptafluorobutyryloxyhexadecane	1000282-97-2	NIST98.L	162900	86	C20H33F7O2	438









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D

Date : 25-AUG-2005 18:32

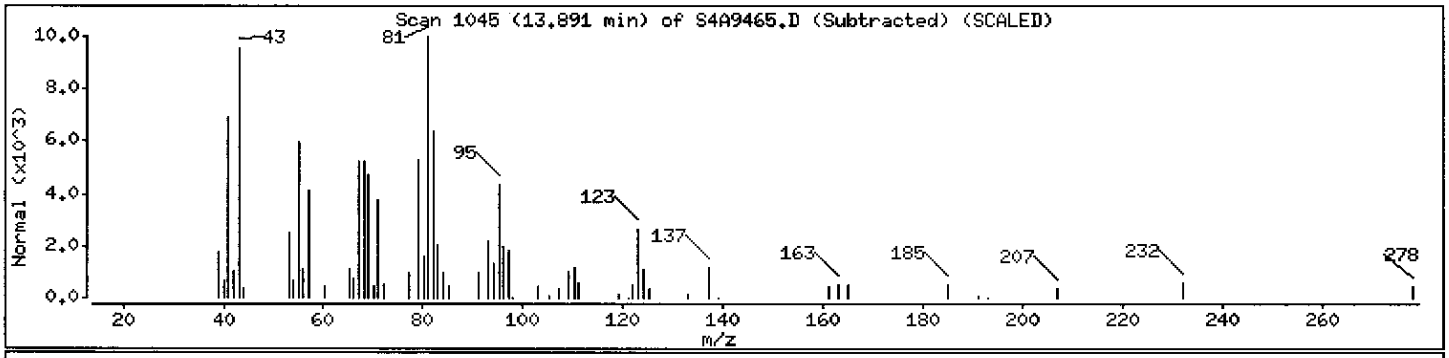
Client ID: SD02-S-ODL Instrument: S4.i

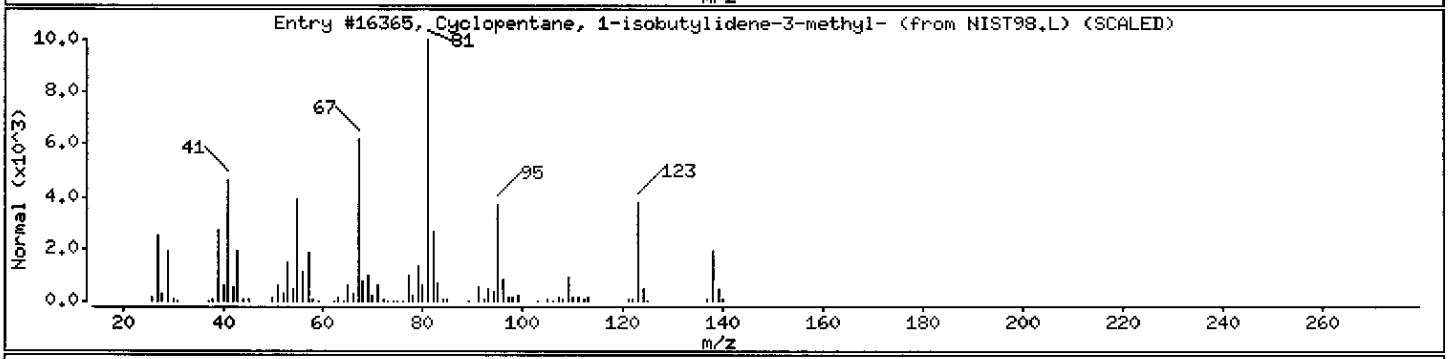
Sample Info: D0926-02ADL,,19468,,5

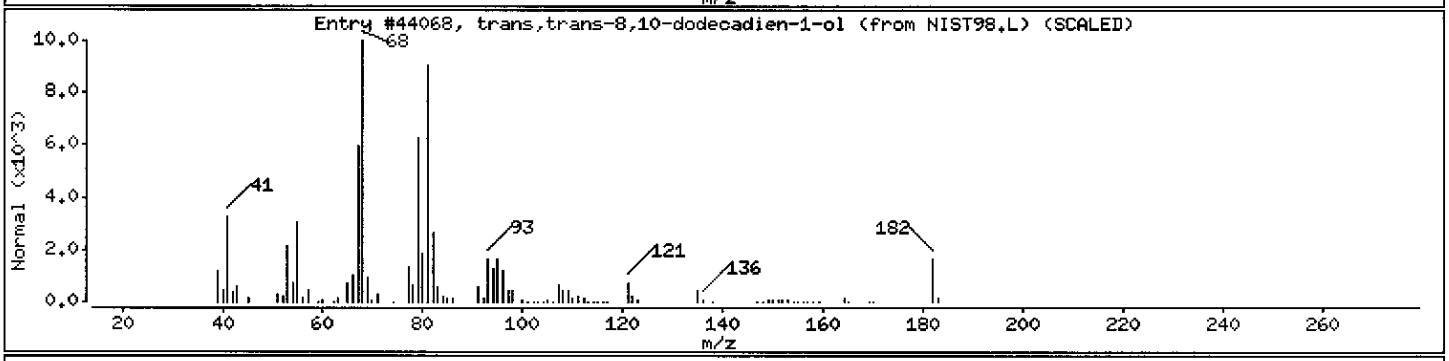
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

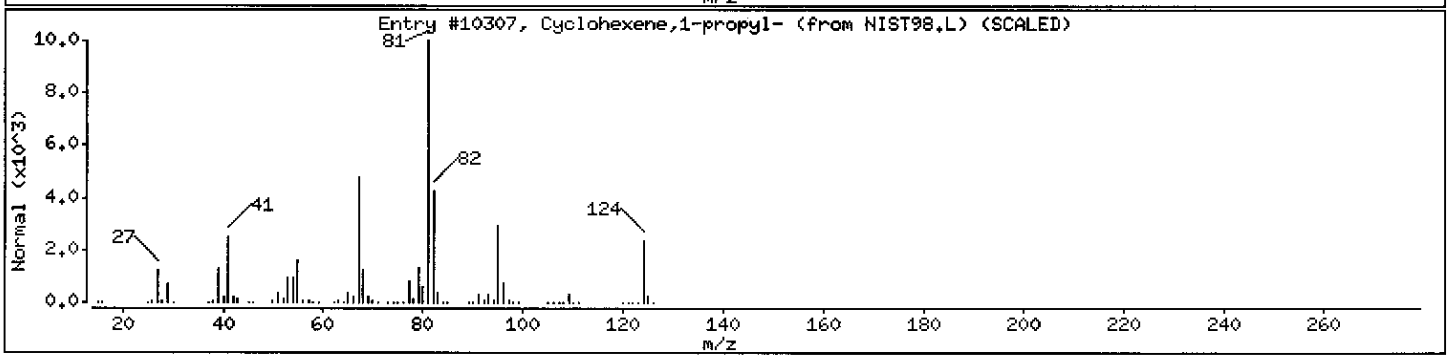
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclopentane, 1-isobutylidene-3-methyl-	1000150-62-1	NIST98.L	16365	50	C10H18	138
trans,trans-8,10-dodecadien-1-ol	57002-06-9	NIST98.L	44068	50	C12H220	182
Cyclohexene,1-propyl-	2539-75-5	NIST98.L	10307	49	C9H16	124









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D

Date : 25-AUG-2005 18:32

Client ID: SD02-S-ODL

Instrument: S4.i

Sample Info: D0926-02ADL,,19468,,5

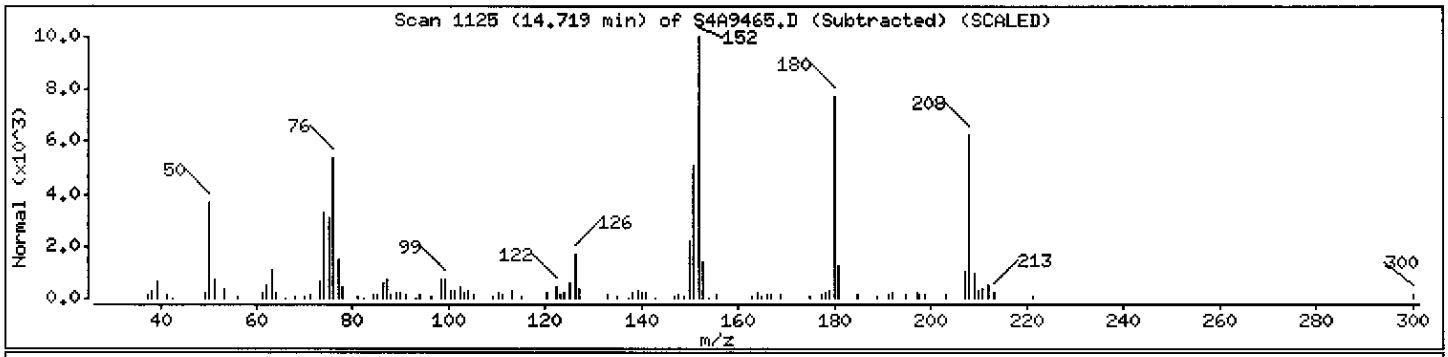
Volume Injected (uL): 2.0

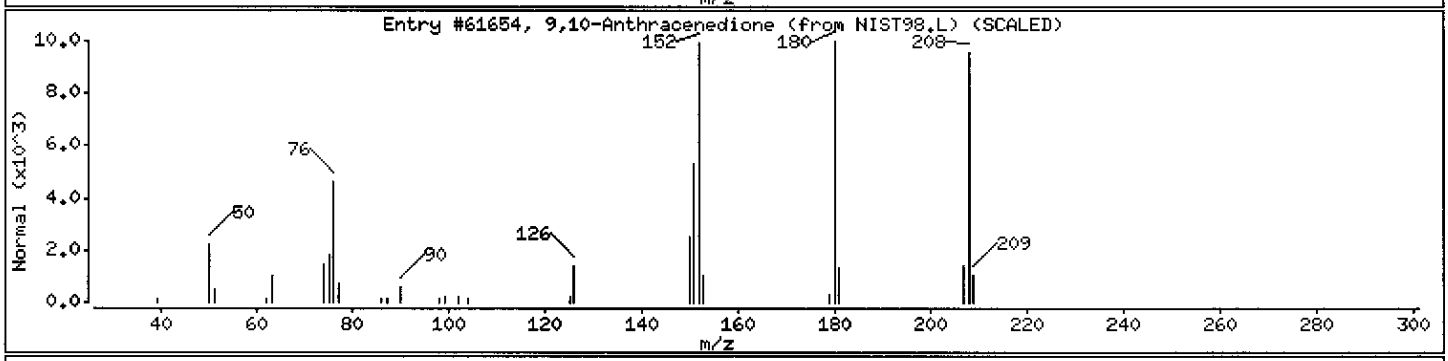
Operator: AW SRC: LIMS

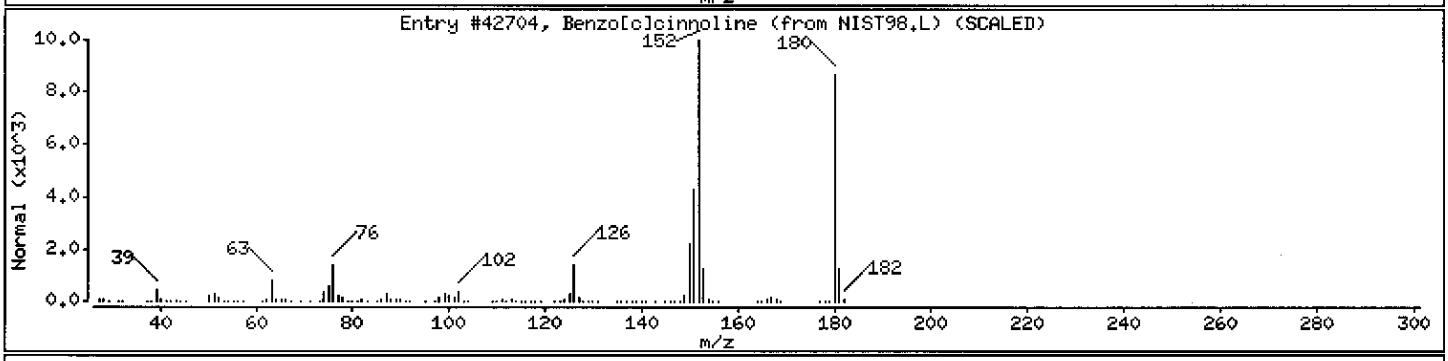
Column phase: DB-5MS

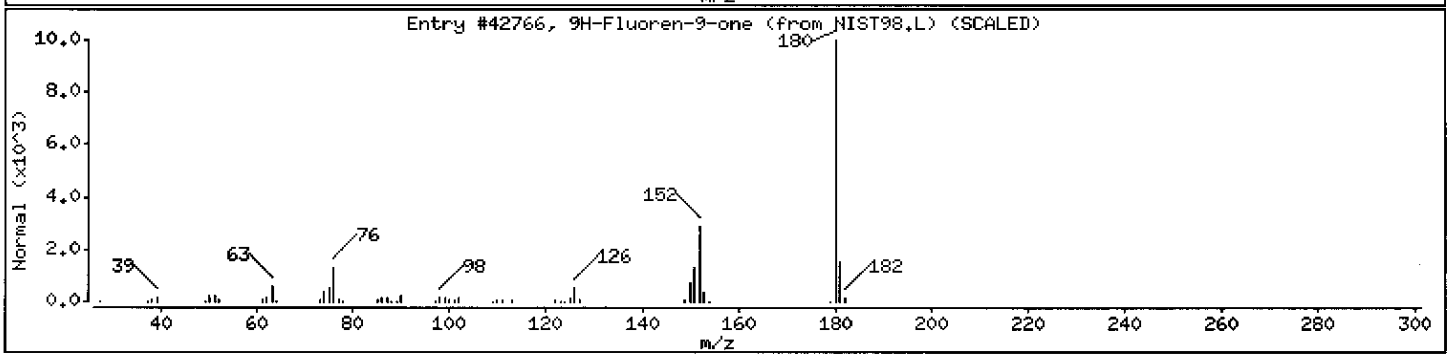
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
9,10-Anthracenedione	84-65-1	NIST98.L	61654	95	C14H8O2	208
Benzo[c]cinnoline	230-17-1	NIST98.L	42704	93	C12H8N2	180
9H-Fluoren-9-one	486-25-9	NIST98.L	42766	93	C13H8O	180









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D

Date : 25-AUG-2005 18:32

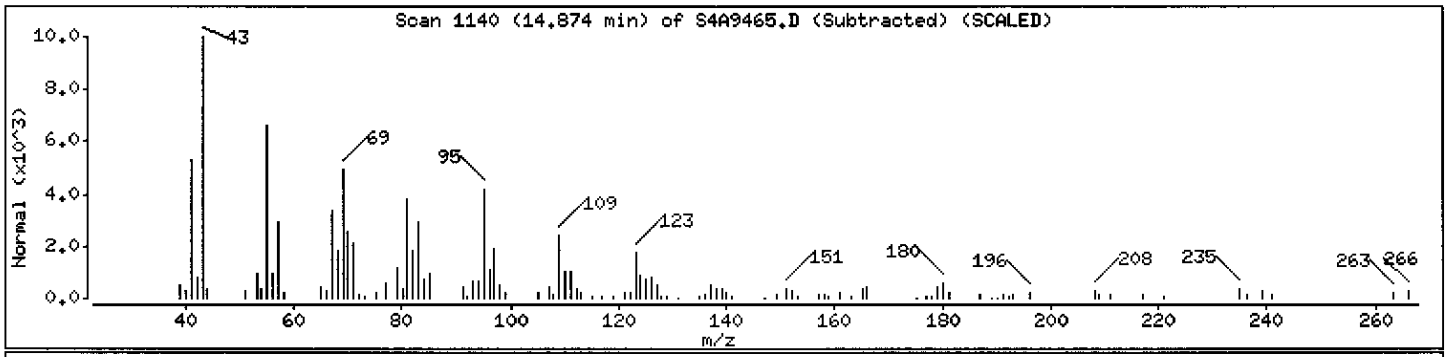
Client ID: SD02-S-ODL Instrument: S4.i

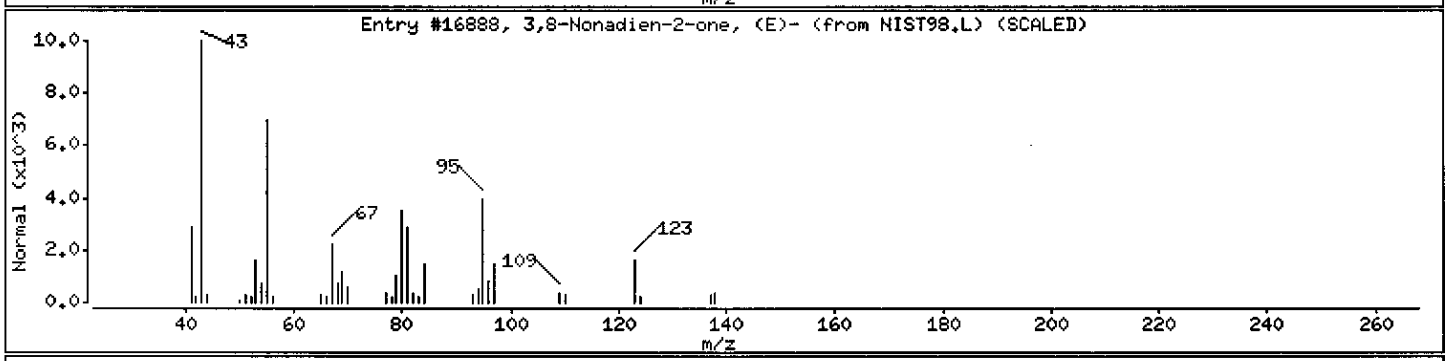
Sample Info: D0926-02ADL,,19468,,5

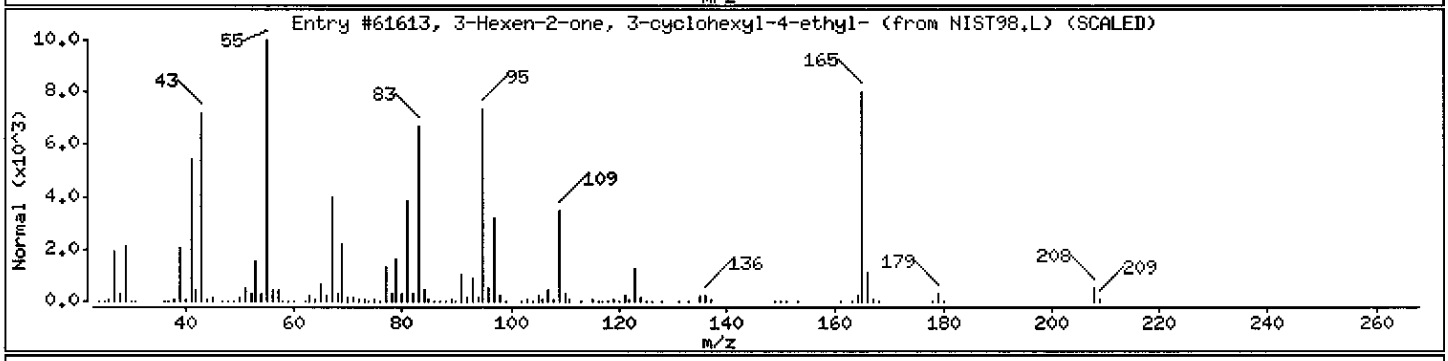
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

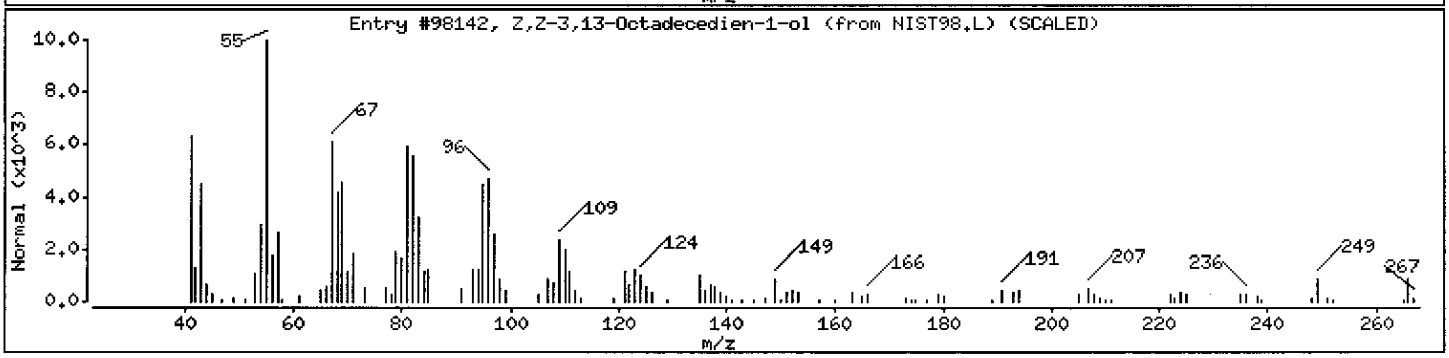
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
3,8-Nonadien-2-one, (E)-	55282-90-1	NIST98.L	16888	49	C9H14O	138
3-Hexen-2-one, 3-cyclohexyl-4-ethyl-	1000150-19-1	NIST98.L	61613	49	C14H24O	208
Z,Z-3,13-Octadecedien-1-ol	1000131-10-7	NIST98.L	98142	46	C18H34O	266









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D

Date : 25-AUG-2005 18:32

Client ID: SD02-S-ODL

Instrument: S4.i

Sample Info: D0926-02ADL,,19468,,5

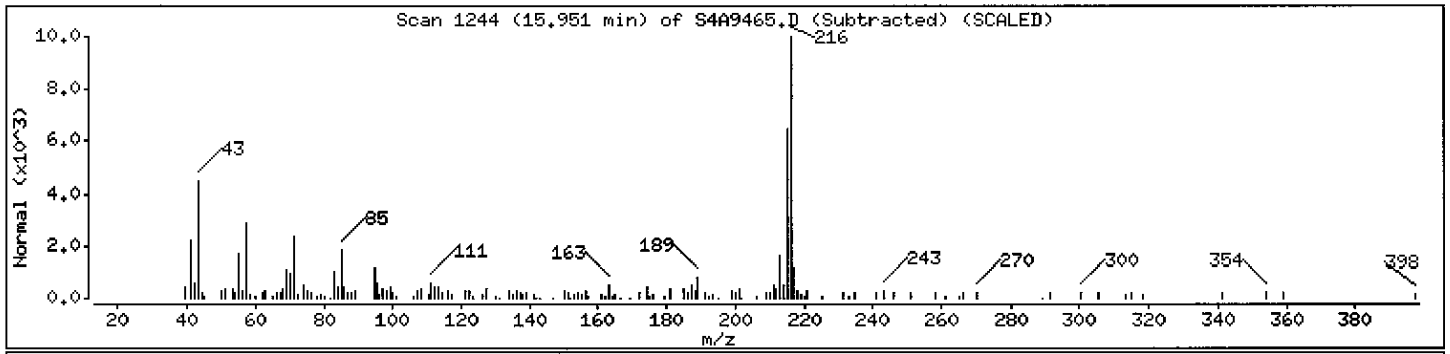
Volume Injected (uL): 2.0

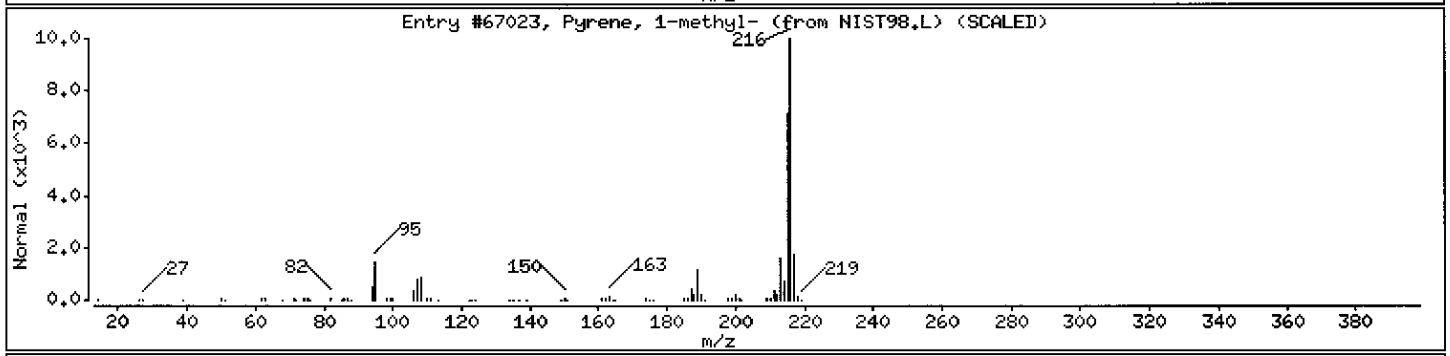
Operator: AW SRC: LIMS

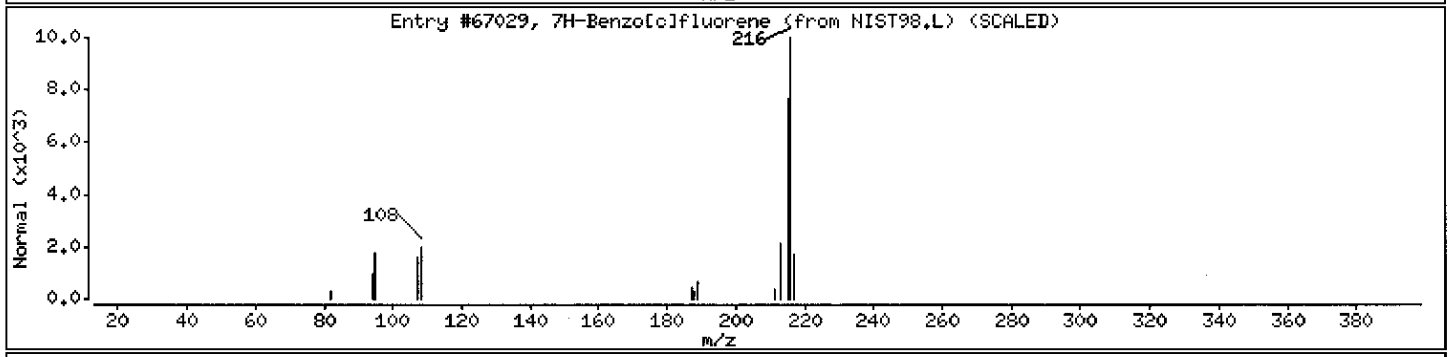
Column phase: DB-5MS

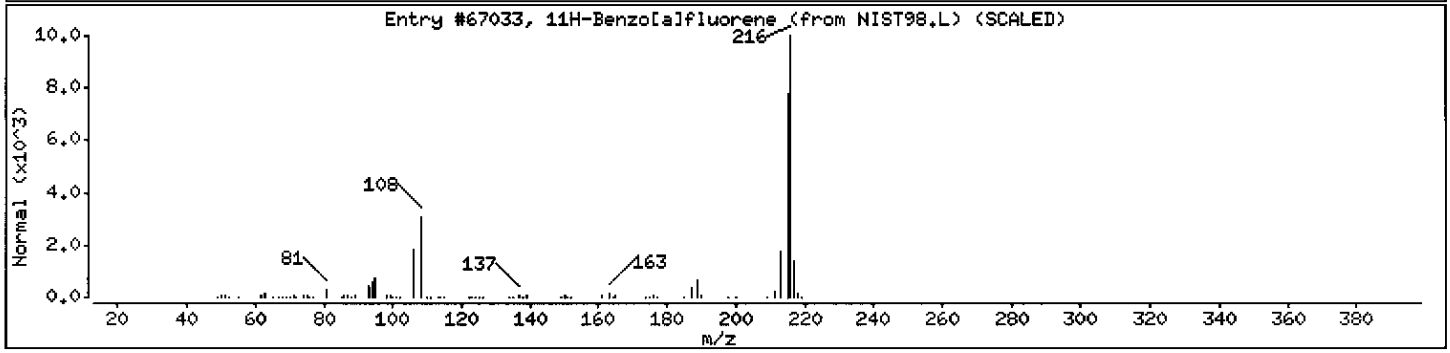
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Pyrene, 1-methyl-	2381-21-7	NIST98.L	67023	74	C17H12	216
7H-Benzo[c]fluorene	205-12-9	NIST98.L	67029	74	C17H12	216
11H-Benzo[a]fluorene	238-84-6	NIST98.L	67033	64	C17H12	216









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D

Date : 25-AUG-2005 18:32

Client ID: SD02-S-ODL

Instrument: S4.i

Sample Info: D0926-02ADL,,19468,,5

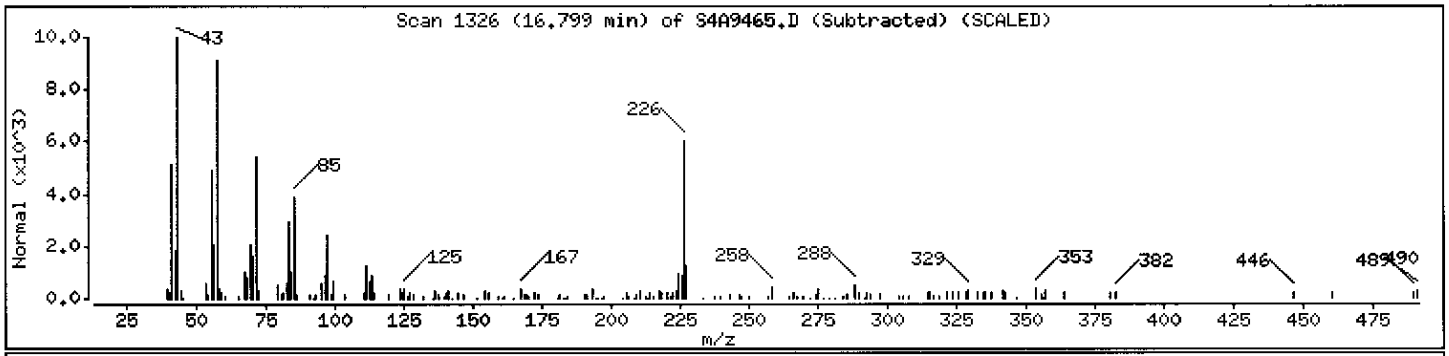
Volume Injected (uL): 2.0

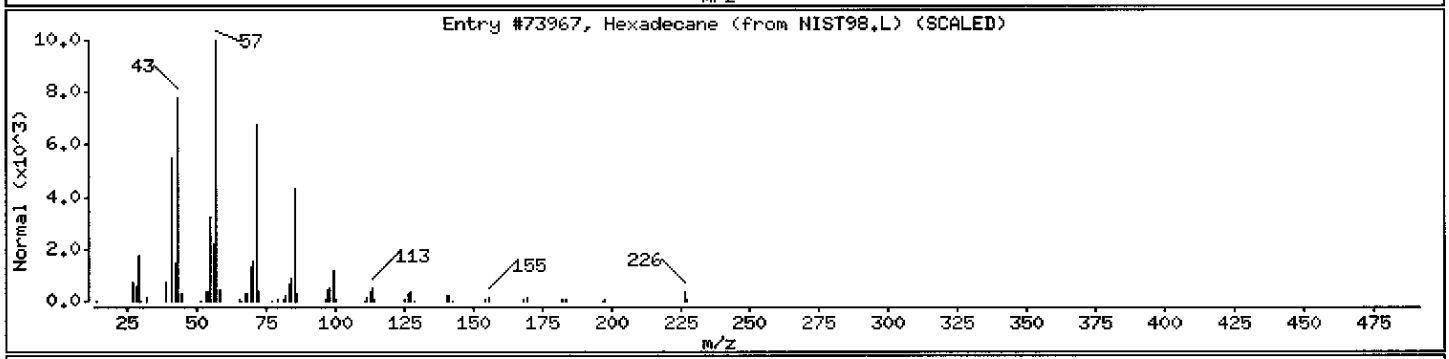
Operator: AW SRC: LIMS

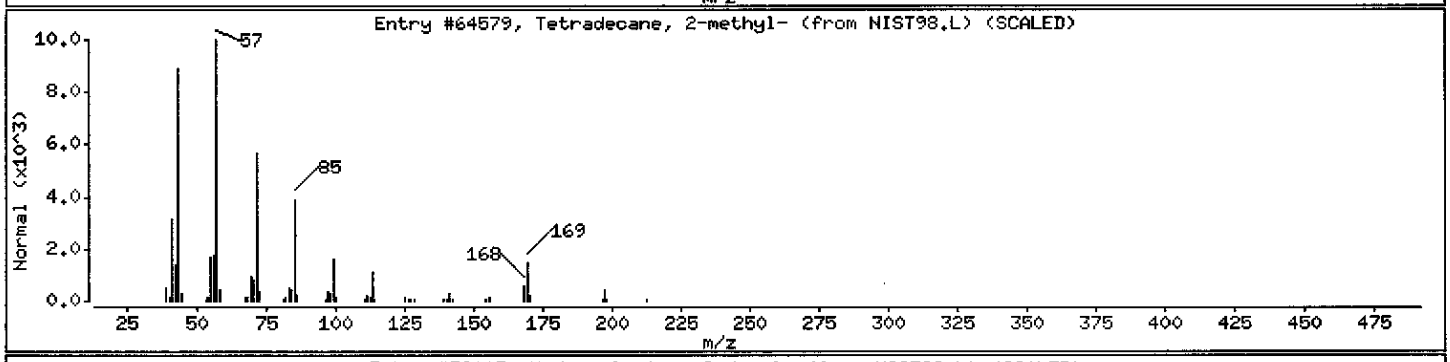
Column phase: DB-5MS

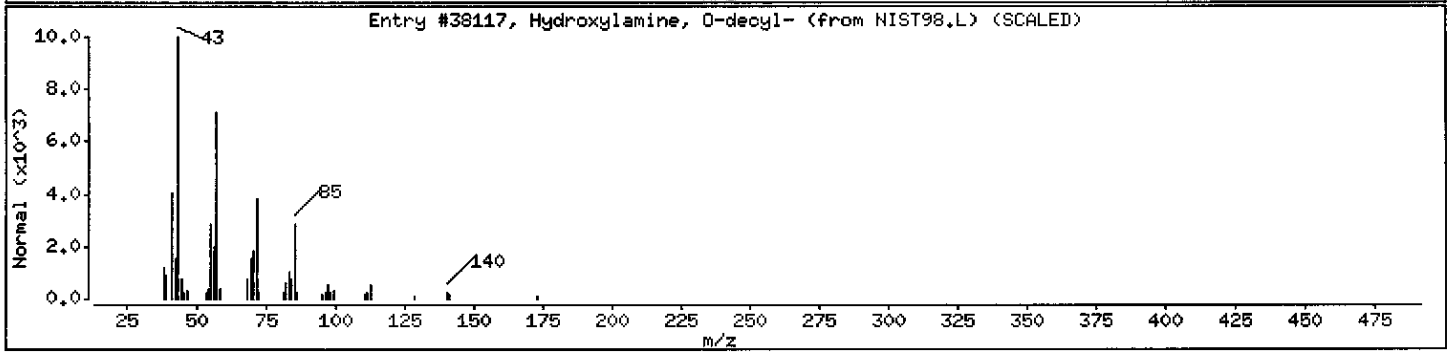
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Hexadecane	544-76-3	NIST98.L	73967	76	C16H34	226
Tetradecane, 2-methyl-	1560-95-8	NIST98.L	64579	45	C15H32	212
Hydroxylamine, O-decyl-	29812-79-1	NIST98.L	38117	43	C10H23NO	173









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Date : 25-AUG-2005 18:32

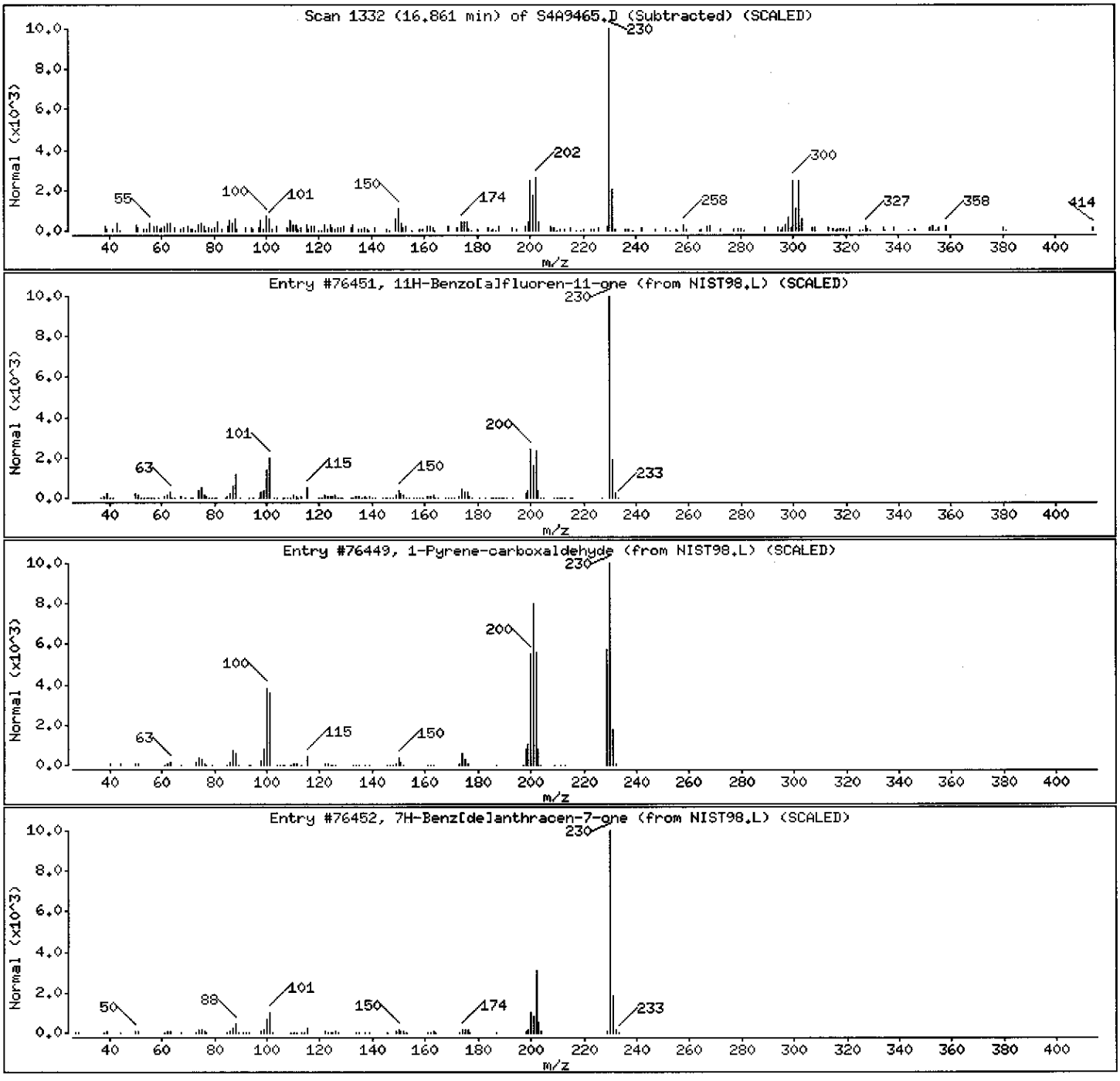
Client ID: SD02-S-ODL Instrument: S4.i

Sample Info: D0926-02ADL,,19468,,5

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Benzo[a]fluoren-11-one	479-79-8	NIST98.L	76451	86	C17H10O	230
1-Pyrene-carboxaldehyde	3029-19-4	NIST98.L	76449	53	C17H10O	230
7H-Benz[de]anthracen-7-one	82-05-3	NIST98.L	76452	49	C17H10O	230



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Date : 25-AUG-2005 18:32

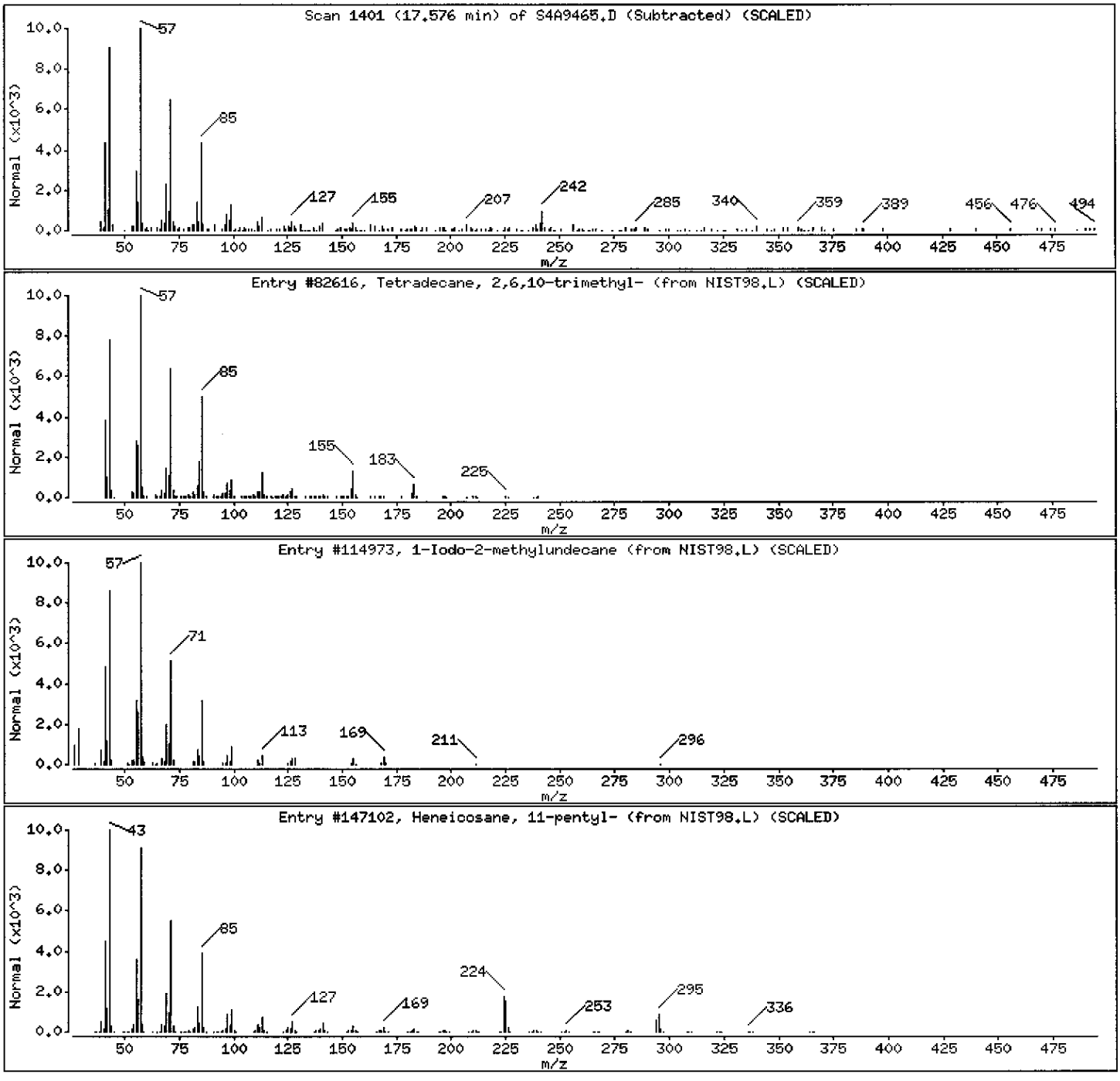
Client ID: SD02-S-ODL Instrument: S4.i

Sample Info: D0926-02ADL,,19468,,5

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Tetradecane, 2,6,10-trimethyl-	14905-56-7	NIST98.L	82616	90	C17H36	240
1-Iodo-2-methylundecane	73105-67-6	NIST98.L	114973	83	C12H25I	296
Heneicosane, 11-pentyl-	14739-72-1	NIST98.L	147102	81	C26H54	366



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D

Date : 25-AUG-2005 18:32

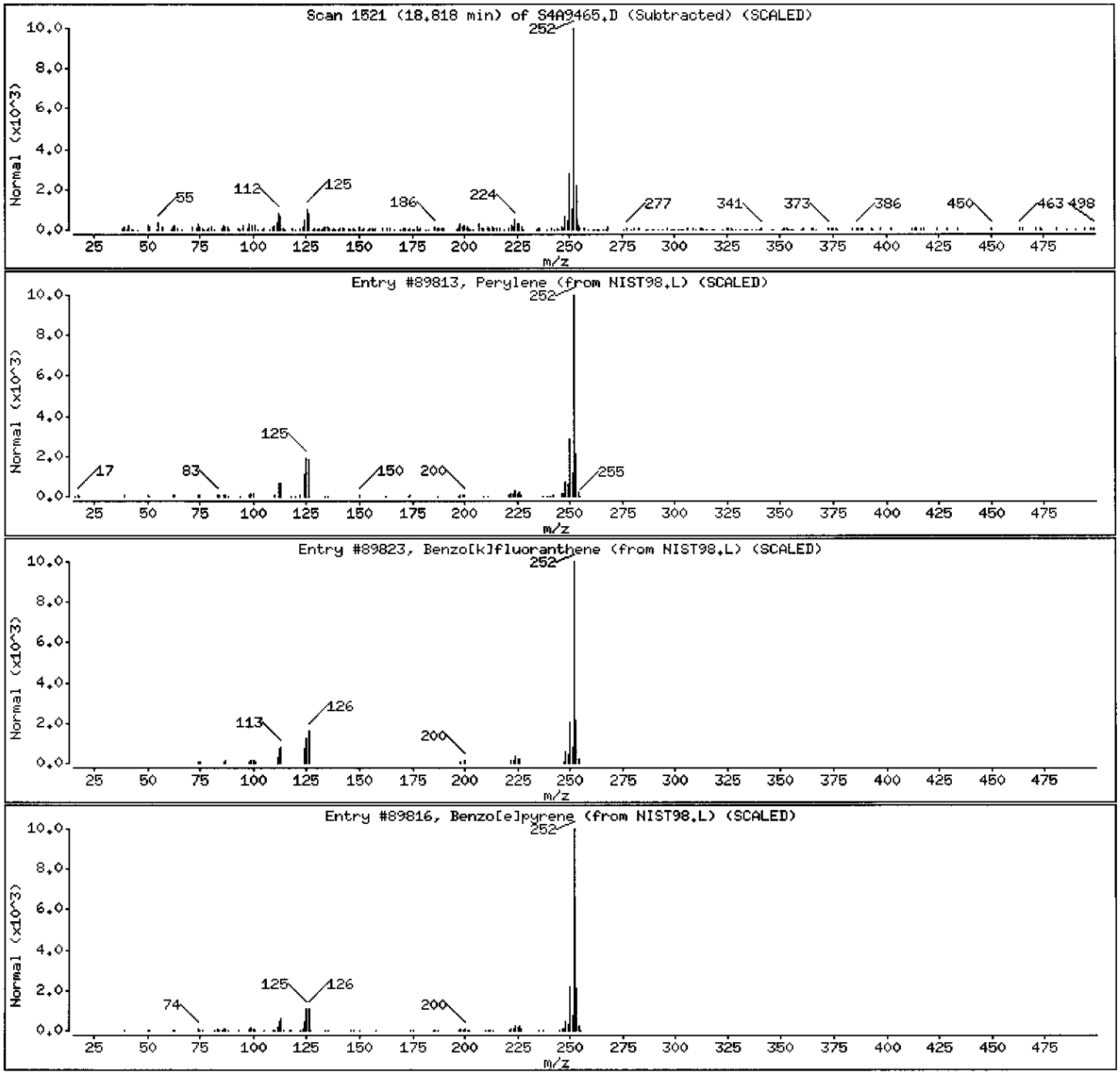
Client ID: SD02-S-ODL Instrument: S4.i

Sample Info: D0926-02ADL,,19468,,5

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Perylene	198-55-0	NIST98.L	89813	93	C20H12	252
Benzo[k]fluoranthene	207-08-9	NIST98.L	89823	93	C20H12	252
Benzo[e]pyrene	192-97-2	NIST98.L	89816	90	C20H12	252



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Date : 25-AUG-2005 18:32

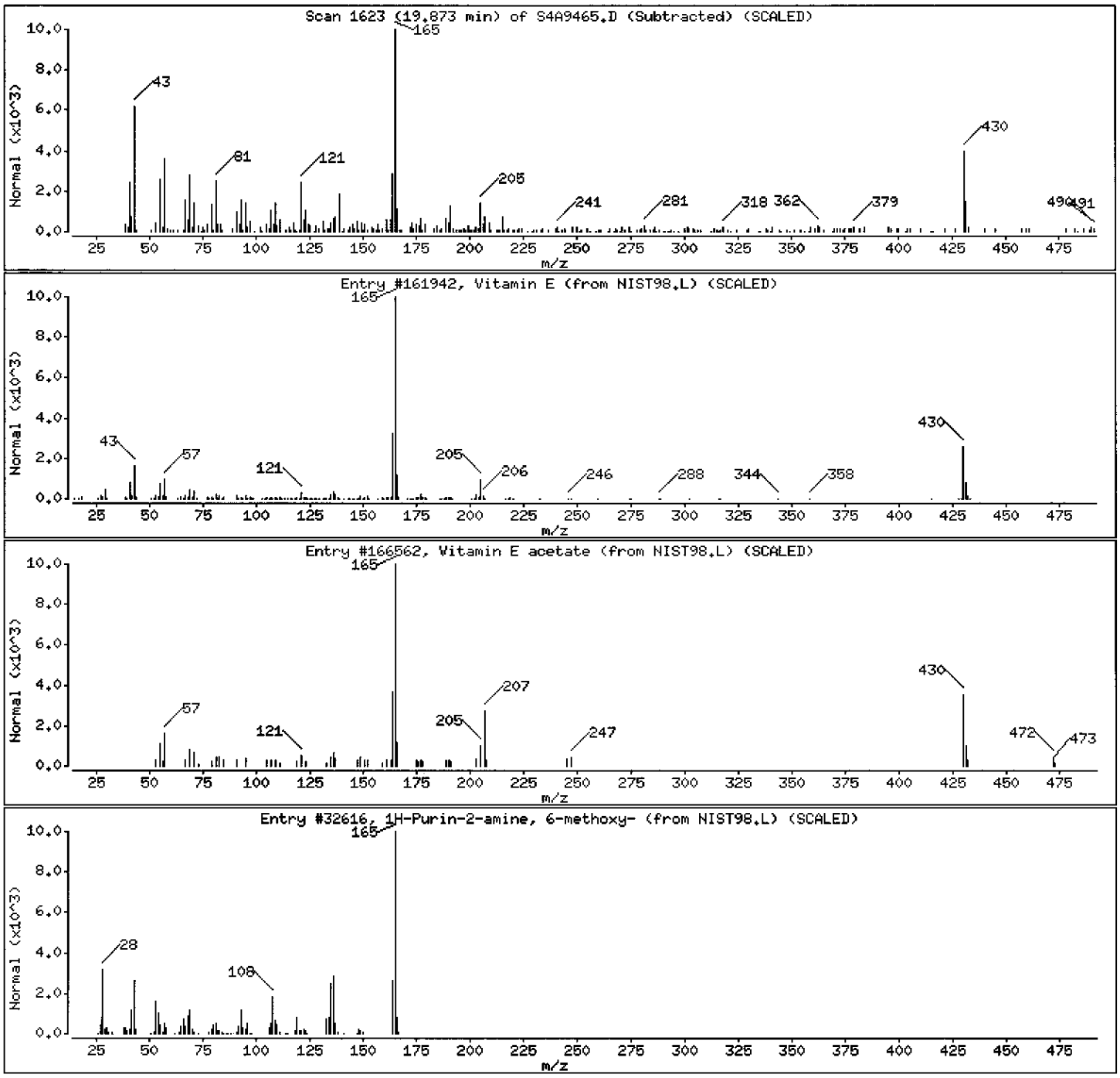
Client ID: SD02-S-ODL Instrument: S4.i

Sample Info: D0926-02ADL,,19468,,5

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Vitamin E	10191-41-0	NIST98.L	161942	90	C29H5002	430
Vitamin E acetate	58-95-7	NIST98.L	166562	78	C31H5203	472
1H-Purin-2-amine, 6-methoxy-	20535-83-5	NIST98.L	32616	49	C6H7N50	165



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9465.D

Date : 25-AUG-2005 18:32

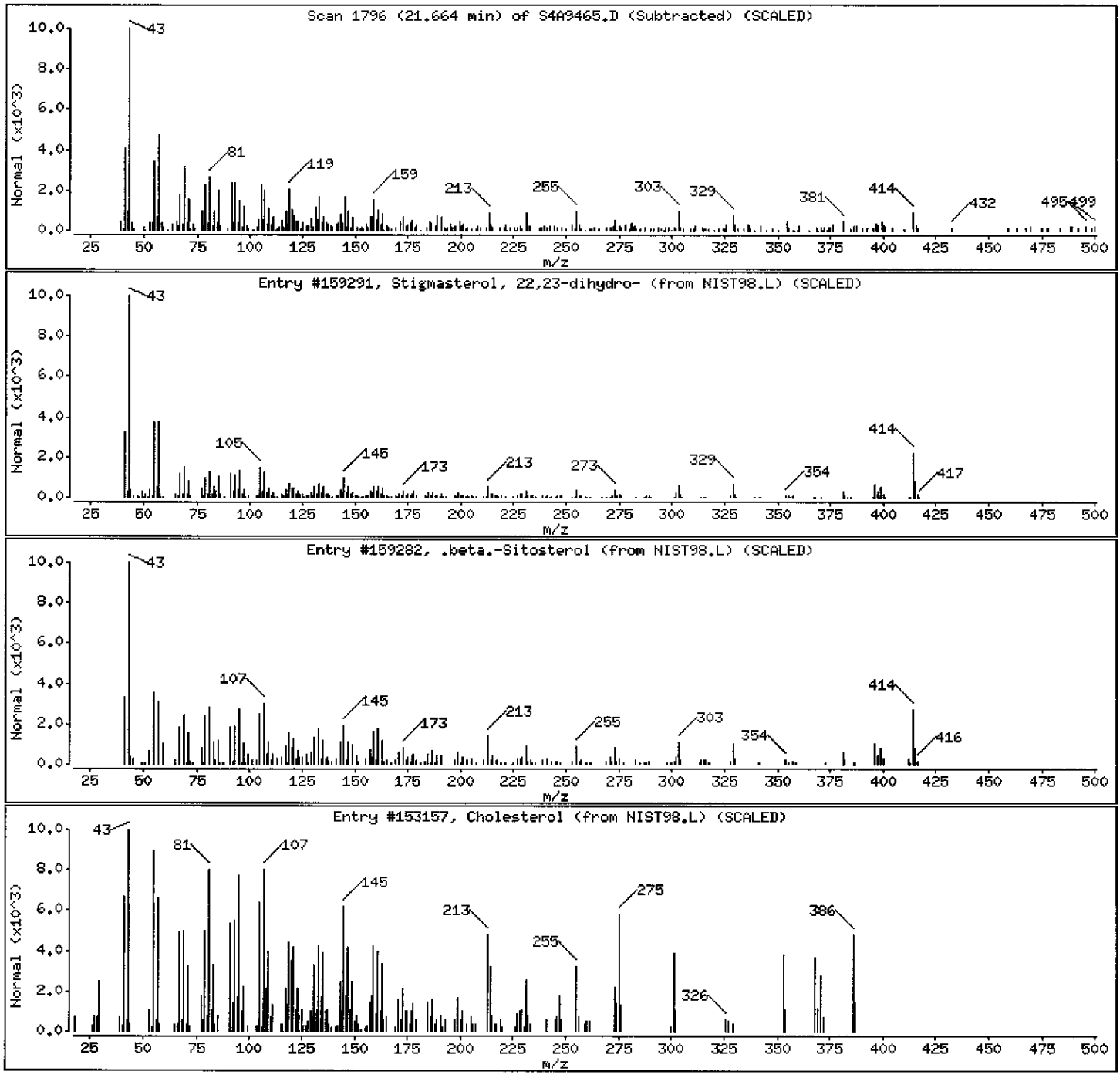
Client ID: SD02-S-ODL Instrument: S4.i

Sample Info: D0926-02ADL,,19468,,5

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST98.L	159291	87	C29H500	414
.beta.-Sitosterol	83-46-5	NIST98.L	159282	81	C29H500	414
Cholesterol	57-88-5	NIST98.L	153157	56	C27H460	386



1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD03-S-O

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-01A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9452

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 70 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)Ether	1100	U
95-57-8	2-Chlorophenol	1100	U
95-48-7	2-Methylphenol	1100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1100	U
98-86-2	Acetophenone	1100	U
106-44-5	4-Methylphenol	1100	U
621-64-7	N-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
105-60-2	Caprolactam	1100	U
59-50-7	4-Chloro-3-Methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
95-95-4	2,4,5-Trichlorophenol	2800	U
92-52-4	1,1'-Biphenyl	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	2800	U
131-11-3	Dimethylphthalate	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
208-96-8	Acenaphthylene	1100	U
99-09-2	3-Nitroaniline	2800	U
83-32-9	Acenaphthene	1100	U

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SD03-S-O

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-01A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9452

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 70 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	2800	U
100-02-7	4-Nitrophenol	2800	U
132-64-9	Dibenzofuran	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	2800	U
534-52-1	4,6-Dinitro-2-methylphenol	2800	U
86-30-6	N-Nitrosodiphenylamine (1)	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
1912-24-9	Atrazine	1100	U
87-86-5	Pentachlorophenol	2800	U
85-01-8	Phenanthrene	120	J
120-12-7	Anthracene	1100	U
86-74-8	Carbazole	1100	U
84-74-2	Di-n-butylphthalate	1100	U
206-44-0	Fluoranthene	310	J
129-00-0	Pyrene	270	J
85-68-7	Butylbenzylphthalate	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
56-55-3	Benzo(a)anthracene	210	J
218-01-9	Chrysene	200	J
117-81-7	bis(2-Ethylhexyl)phthalate	130	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo(b)fluoranthene	280	J
207-08-9	Benzo(k)fluoranthene	150	J
50-32-8	Benzo(a)pyrene	230	J
193-39-5	Indeno(1,2,3-cd)pyrene	150	J
53-70-3	Dibenzo(a,h)anthracene	1100	U
191-24-2	Benzo(g,h,i)perylene	190	J

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD03-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-01A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9452

Level: (low/med) LOW Date Received: 08/09/05

% Moisture: 70 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

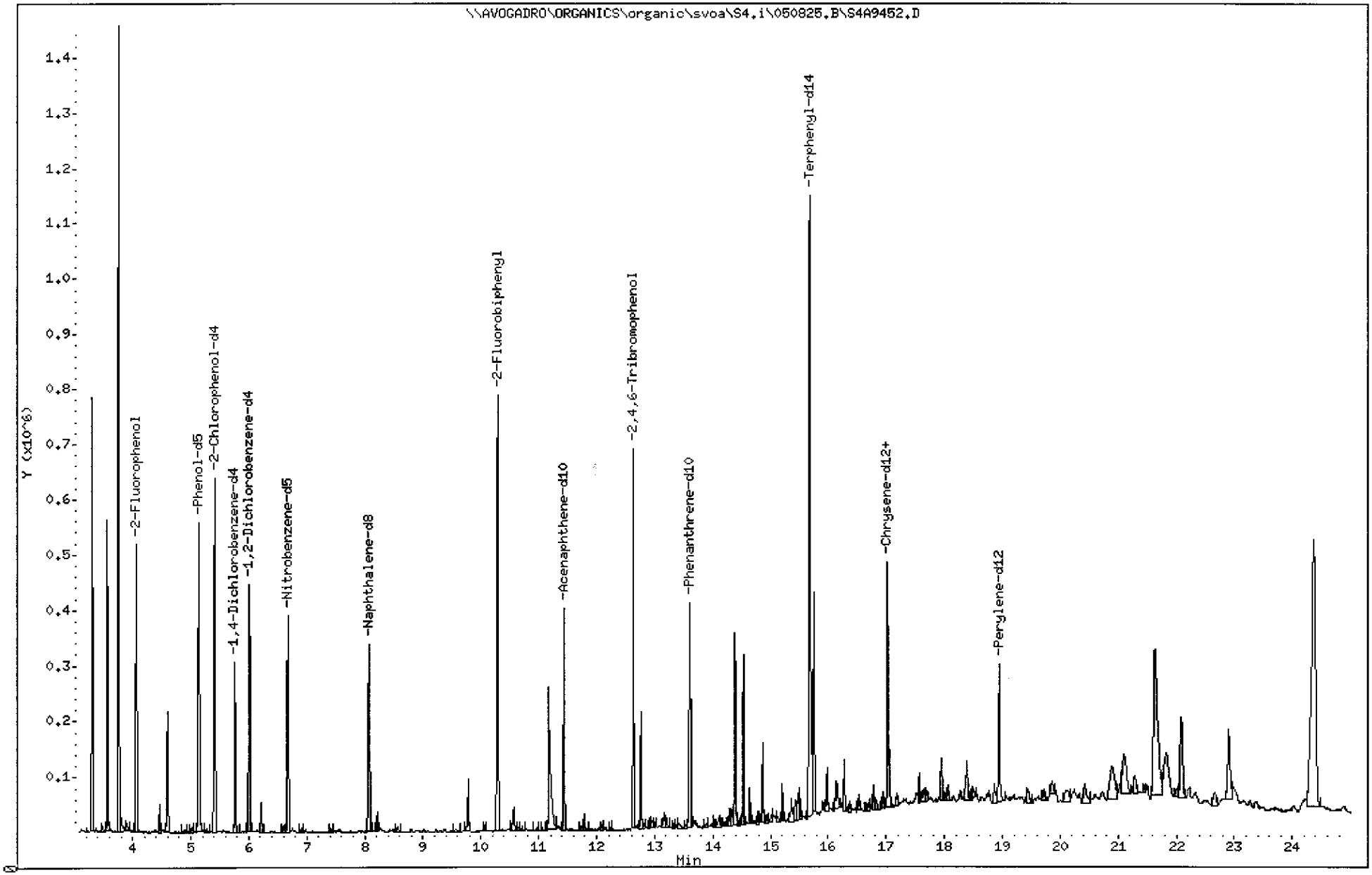
GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

Number TICs found: 29

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	6.21	410	J
2.		UNKNOWN	8.21	230	J
3.		UNKNOWN	9.77	610	J
4.		UNKNOWN	10.57	330	J
5.	112-53-8	1-DODECANOL	11.16	2700	NJ
6.		UNKNOWN	14.33	240	J
7.		UNKNOWN	14.39	1700	J
8.		UNKNOWN	14.53	1400	J
9.		UNKNOWN	14.65	260	J
10.		UNKNOWN	14.86	590	J
11.		UNKNOWN	15.36	340	J
12.		UNKNOWN	15.42	250	J
13.		UNKNOWN	15.47	290	J
14.		UNKNOWN	15.75	1600	J
15.		UNKNOWN	15.98	370	J
16.	17066-67-0	NAPHTHALENE, DECAHYDRO-4A-ME	16.14	340	NJ
17.		UNKNOWN	16.26	400	J
18.	112-84-5	13-DOCOSENAMIDE, (Z)-	17.95	430	NJ
19.		UNKNOWN	19.86	330	J
20.		UNKNOWN	20.12	470	J
21.		UNKNOWN	20.42	760	J
22.	474-62-4	CAMPESTEROL	20.90	1800	NJ
23.		UNKNOWN	21.10	1600	J
24.		UNKNOWN	21.28	440	J
25.	83-47-6	.GAMMA.-SITOSTEROL	21.63	6600	NJ
26.		UNKNOWN	22.09	2100	J
27.		UNKNOWN	22.66	360	J
28.		UNKNOWN	22.91	2000	J
29.		UNKNOWN	24.38	12000	JB
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D
Date : 25-AUG-2005 10:13
Client ID: SD03-S-D
Instrument: S4.i
Sample Info: D0926-01A,,19468,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



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Data File: S4A9452.D
Report Date: 31-Aug-2005 14:36

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D
Lab Smp Id: D0926-01A Client Smp ID: SD03-S-O
Inj Date : 25-AUG-2005 10:13
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-01A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	70.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	4.058	4.048	(0.705)	142328	105.458	5900
$ 3	Phenol-d5	99	5.135	5.135	(0.892)	216050	107.073	5900
$ 6	2-Chlorophenol-d4	132	5.414	5.414	(0.941)	183022	109.486	6100
* 8	1,4-Dichlorobenzene-d4	152	5.755	5.755	(1.000)	51188	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	6.004	6.004	(1.043)	76114	62.7306	3500
$ 16	Nitrobenzene-d5	82	6.677	6.677	(0.827)	174451	70.2450	3900
* 23	Naphthalene-d8	136	8.074	8.074	(1.000)	210960	40.0000	
$ 33	2-Fluorobiphenyl	172	10.289	10.289	(0.900)	323868	80.1880	4500
* 41	Acenaphthene-d10	164	11.438	11.438	(1.000)	113420	40.0000	
$ 53	2,4,6-Tribromophenol	330	12.638	12.628	(0.929)	67606	144.106	8000
* 58	Phenanthrene-d10	188	13.611	13.611	(1.000)	178716	40.0000	
59	Phenanthrene	178	13.642	13.642	(1.002)	10986	2.08939	120(a)
63	Fluoranthene	202	15.205	15.216	(1.117)	29305	5.61174	310(a)

Data File: S4A9452.D
Report Date: 31-Aug-2005 14:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
	64 Pyrene	202	15.505	15.505	(0.911)	24893	4.80585	270(a)
$	65 Terphenyl-d14	244	15.681	15.671	(0.921)	353564	93.0908	5200
	68 Benzo(a)anthracene	228	17.017	17.017	(0.999)	17162	3.74642	210(a)
*	69 Chrysene-d12	240	17.027	17.027	(1.000)	147944	40.0000	
	70 Chrysene	228	17.058	17.068	(1.002)	15548	3.64781	200(a)
	71 bis(2-Ethylhexyl)phthalate	149	16.954	16.954	(0.996)	8691	2.34602	130(a)
	73 Benzo(b)fluoranthene	252	18.372	18.372	(0.970)	22114	4.97616	280(aM)
	74 Benzo(k)fluoranthene	252	18.403	18.414	(0.972)	12287	2.66144	150(aQM)
	75 Benzo(a)pyrene	252	18.859	18.859	(0.996)	14742	4.05455	230(a)
*	76 Perylene-d12	264	18.942	18.942	(1.000)	118822	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	20.856	20.877	(1.101)	11287	2.61646	150(a)
	79 Benzo(g,h,i)perylene	276	21.446	21.457	(1.132)	11040	3.38287	190(a)

MZ 08/31/05 AW

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

08/31/05 AW

Data File: S4A9452.D
Report Date: 31-Aug-2005 14:36

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D
Lab Smp Id: D0926-01A Client Smp ID: SD03-S-O
Inj Date : 25-AUG-2005 10:13
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-01A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	70.000	% Moisture

ISTD		RT	AREA	AMOUNT
* 8	1,4-Dichlorobenzene-d4	5.755	402804	40.000
* 23	Naphthalene-d8	8.074	497240	40.000
* 41	Acenaphthene-d10	11.438	541372	40.000
* 58	Phenanthrene-d10	13.611	578152	40.000
* 69	Chrysene-d12	17.027	672349	40.000
* 76	Perylene-d12	18.942	435543	40.000

Data File: S4A9452.D
Report Date: 31-Aug-2005 14:36

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
6.211	74357	7.38393859	410	0		0	8
Unknown				CAS #:			
8.208	51190	4.11793098	230	0		0	23
Unknown				CAS #:			
9.771	147746	10.9164124	610	0		0	41
Unknown				CAS #:			
10.568	80358	5.93735915	330	0		0	41
1-Dodecanol				CAS #:	112-53-8		
11.158	651041	48.1030419	2700	91	NIST98.L	46860	41
Cyclic Alkane				CAS #:			
12.763	233078	16.1257247	900	0		0	58
Unknown				CAS #:			
14.325	61147	4.23051377	240	0		0	58
Unknown				CAS #:			
14.388	436800	30.2204265	1700	0		0	58
Unknown				CAS #:			
14.532	359316	24.8596217	1400	0		0	58
Unknown				CAS #:			
14.646	67466	4.66769984	260	0		0	58
Unknown				CAS #:			
14.864	152862	10.5759039	590	0		0	58
Unknown				CAS #:			
15.361	104029	6.18898816	340	0		0	69
Unknown				CAS #:			
15.423	75795	4.50926528	250	0		0	69
Unknown				CAS #:			
15.474	87088	5.18111873	290	0		0	69
Unknown				CAS #:			
15.754	476243	28.3330830	1600	0		0	69

Data File: S4A9452.D
Report Date: 31-Aug-2005 14:36

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
15.982	113313	6.74132036	370	0		0	69
Naphthalene, decahydro-4a-methyl-1-methy				CAS #:	17066-67-0		
16.137	101848	6.05923412	340	86	NIST98.L	58857	69
Unknown				CAS #:			
16.261	119830	7.12903566	400	0		0	69
Straight-Chain Alkane				CAS #:			
17.565	70497	4.19407183	230	0		0	69
13-Docosenamide, (Z)-				CAS #:	112-84-5		
17.948	130623	7.77114267	430	93	NIST98.L	135945	69
Straight-Chain Alkane				CAS #:			
18.393	181370	16.6569087	930	0		0	76
Straight-Chain Alkane				CAS #:			
19.449	63686	5.84888289	320	0		0	76
Unknown				CAS #:			
19.863	65135	5.98195815	330	0		0	76
Unknown				CAS #:			
20.122	91222	8.37777211	470	0		0	76
Unknown				CAS #:			
20.422	148588	13.6462301	760	0		0	76
Campesterol				CAS #:	474-62-4		
20.898	353865	32.4987429	1800	91	NIST98.L	156589	76
Unknown				CAS #:			
21.105	319095	29.3054876	1600	0		0	76
Unknown				CAS #:			
21.281	87091	7.99838363	440	0		0	76
.gamma.-Sitosterol				CAS #:	83-47-6		
21.633	1291491	118.609735	6600	98	NIST98.L	159285	76
Unknown				CAS #:			
22.088	412234	37.8593158	2100	0		0	76

Data File: S4A9452.D
Report Date: 31-Aug-2005 14:36

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
22.657	69607	6.39266387	360	0		0	76
Unknown				CAS #:			
22.906	395208	36.2956585	2000	0		0	76
Unknown				CAS #:			
24.376	2406437	221.005687	12000	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D

Date : 25-AUG-2005 10:13

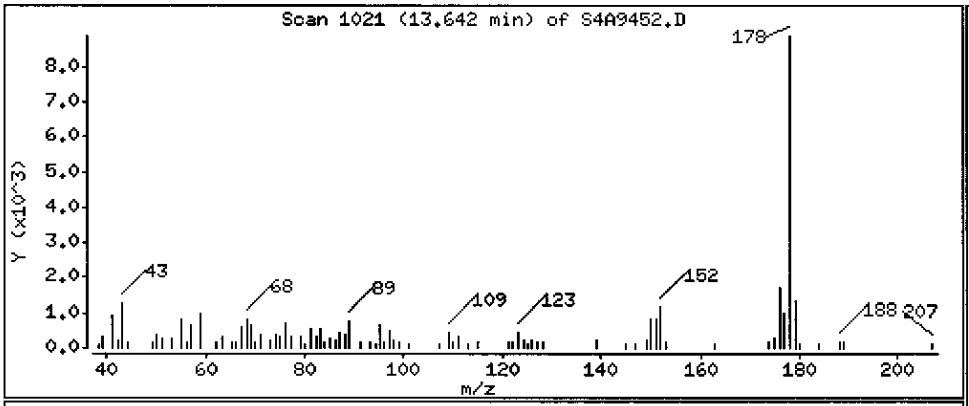
Client ID: SD03-S-0 Instrument: S4.i

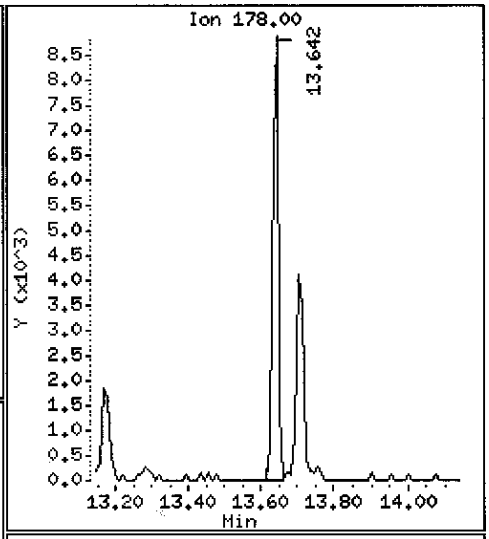
Sample Info: D0926-01A,,19468,,

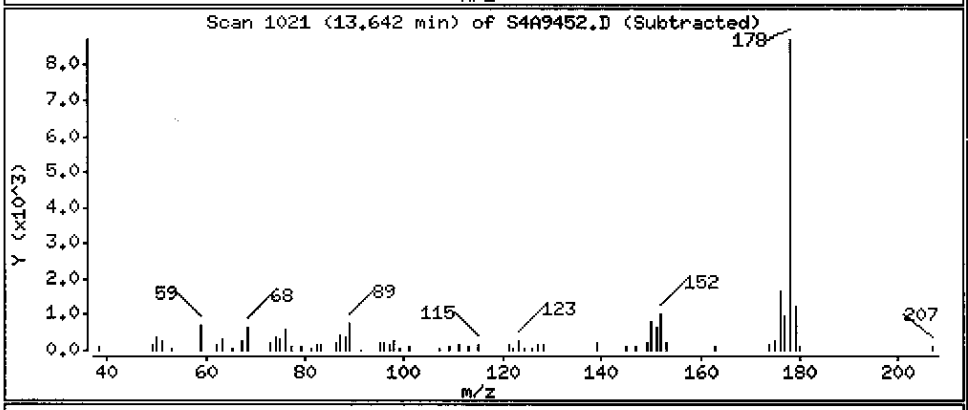
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

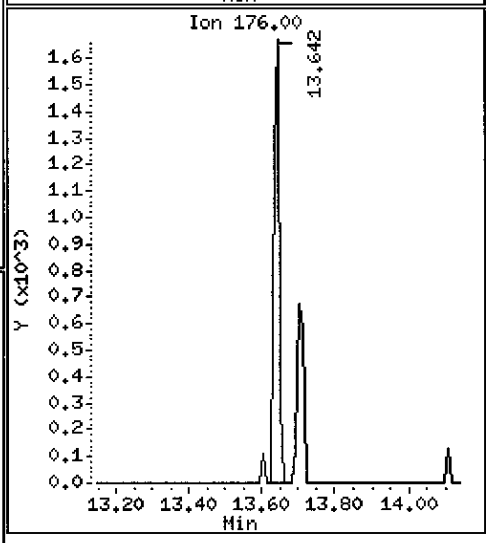
Column phase: DB-5MS Column diameter: 0.25

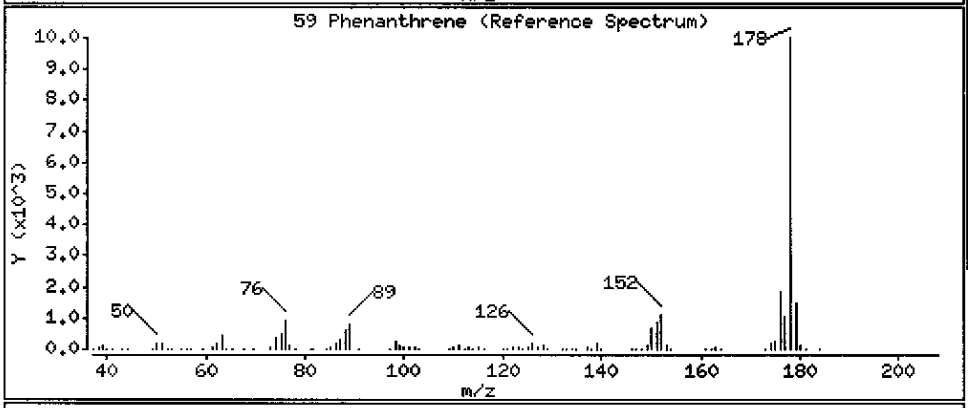
59 Phenanthrene Concentration: 120 ug/Kg

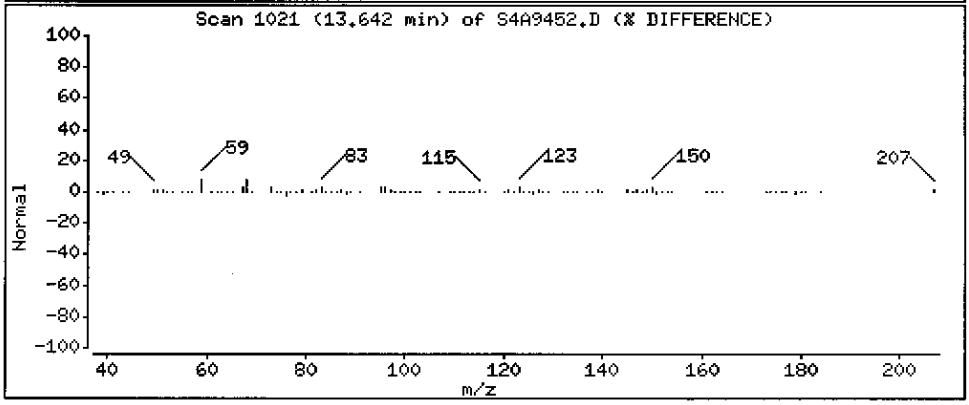












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D

Date : 25-AUG-2005 10:13

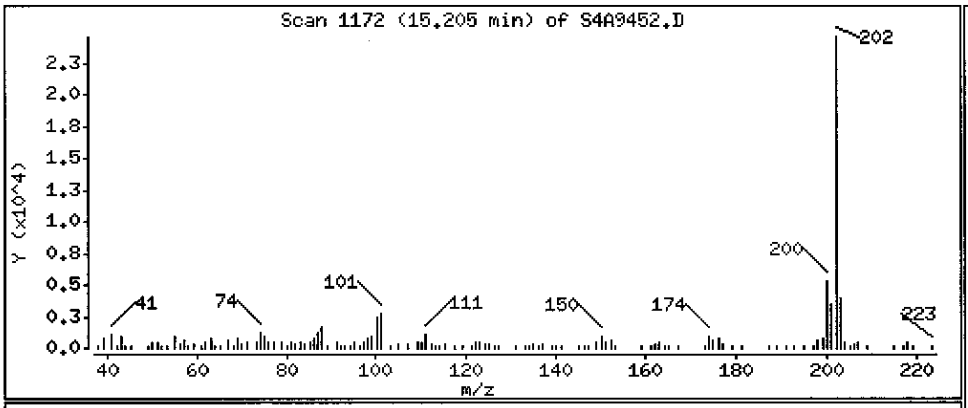
Client ID: SD03-S-0 Instrument: S4.i

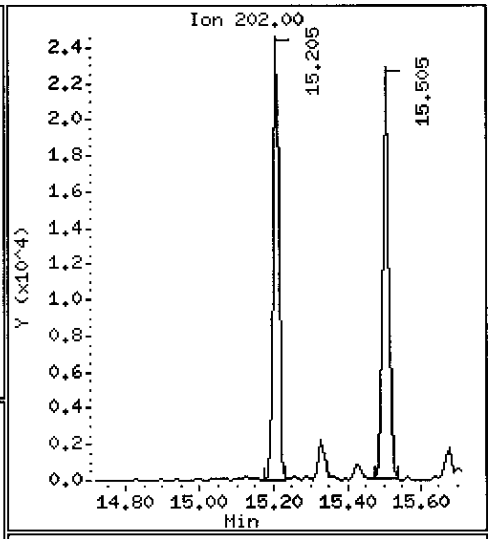
Sample Info: D0926-01A,,19468,,

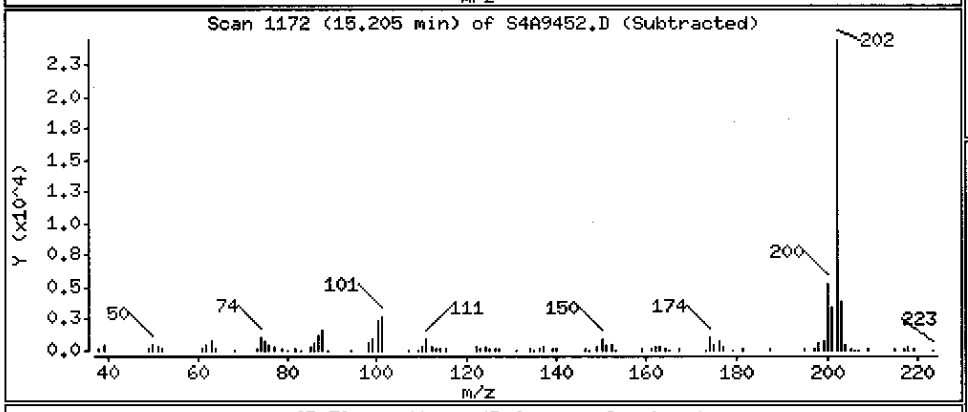
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

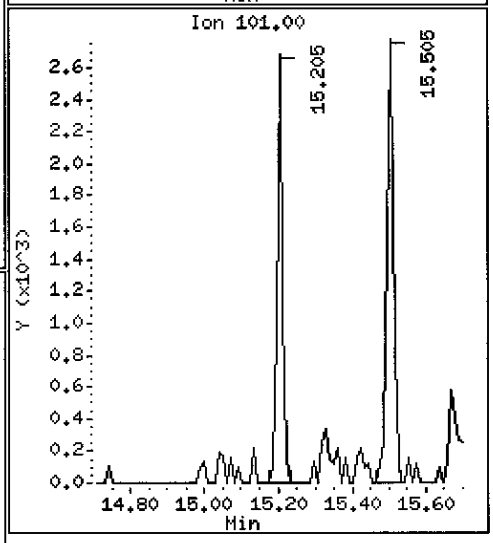
Column phase: DB-5MS Column diameter: 0.25

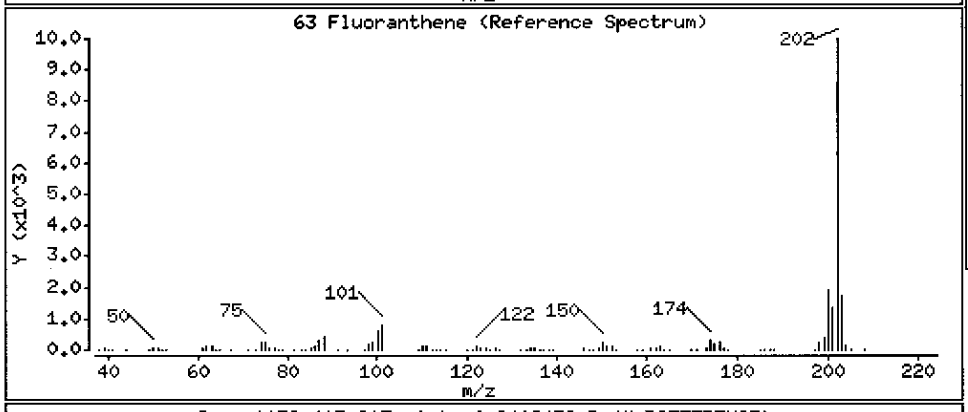
63 Fluoranthene Concentration: 310 ug/Kg

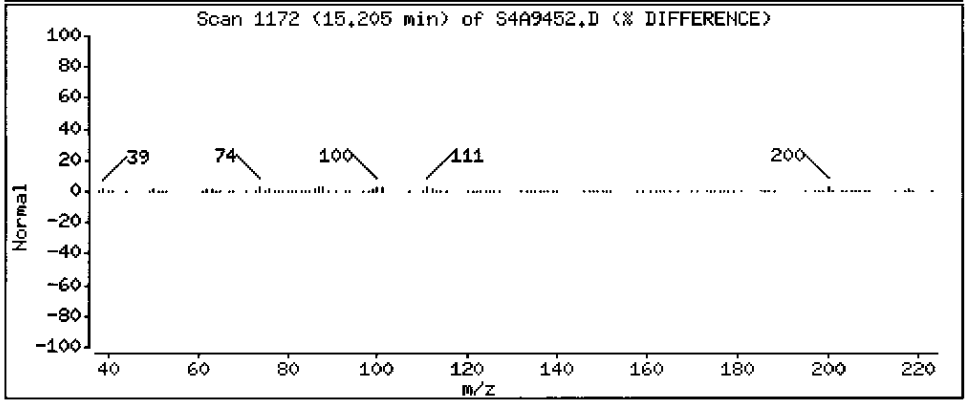












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D

Date : 25-AUG-2005 10:13

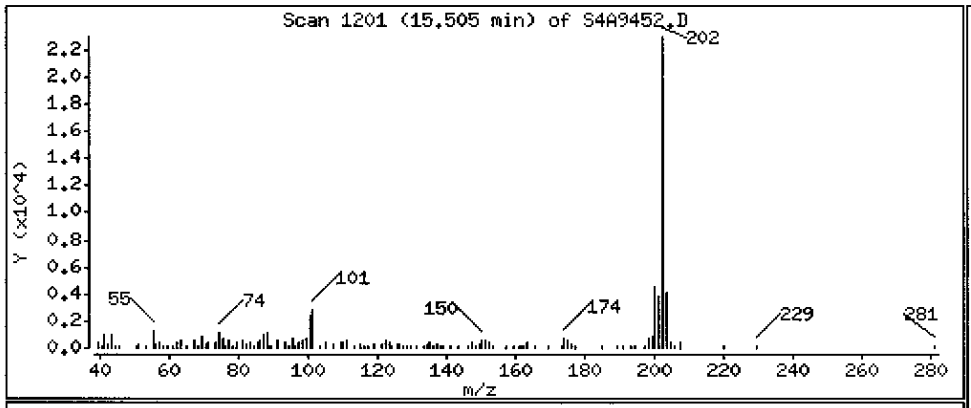
Client ID: SD03-S-0 Instrument: S4.i

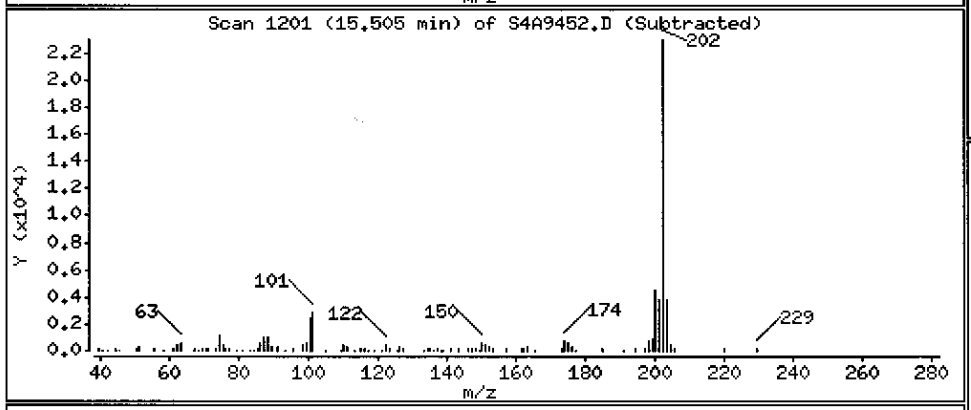
Sample Info: D0926-01A,,19468,,

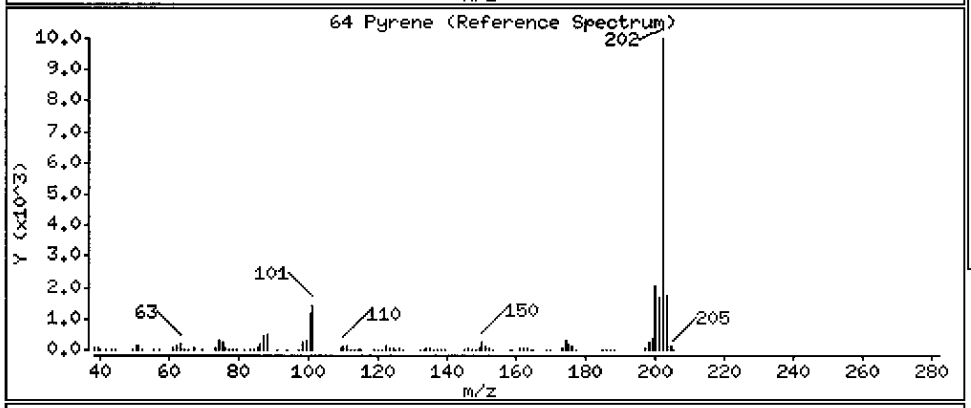
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

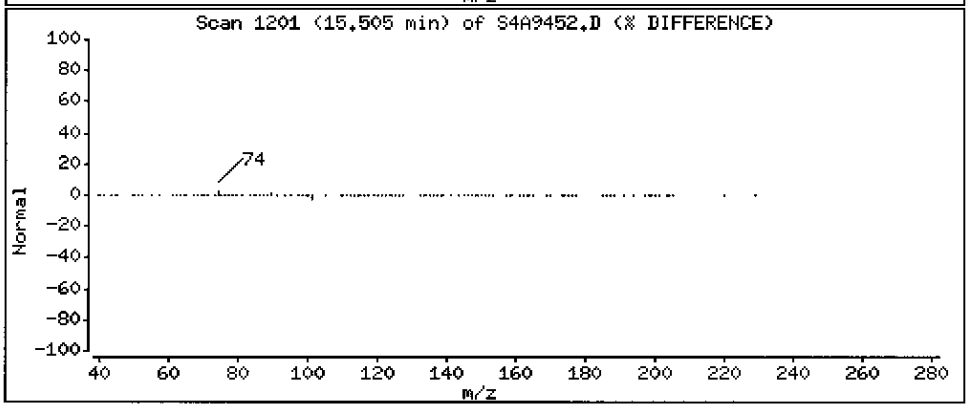
Column phase: DB-5MS Column diameter: 0.25

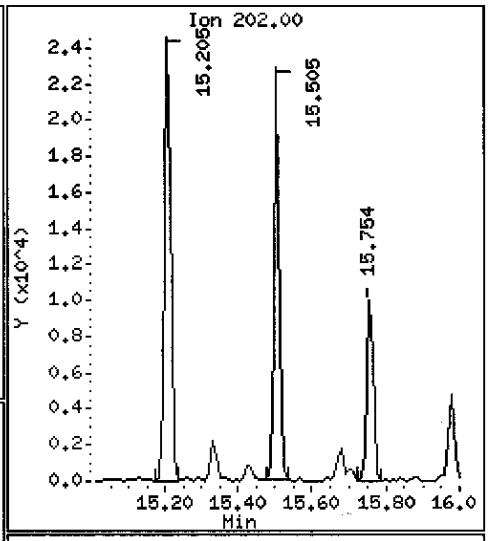
64 Pyrene Concentration: 270 ug/Kg

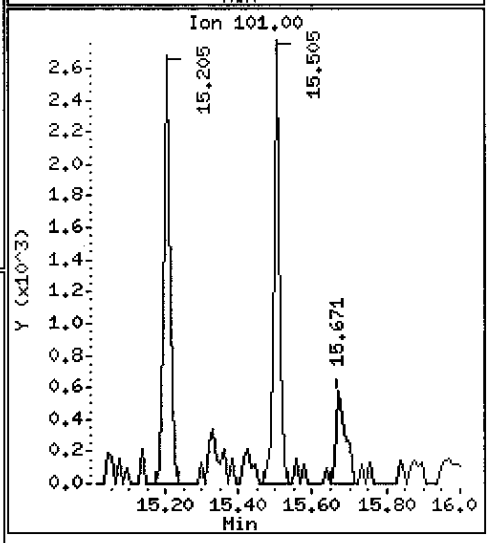












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D

Date : 25-AUG-2005 10:13

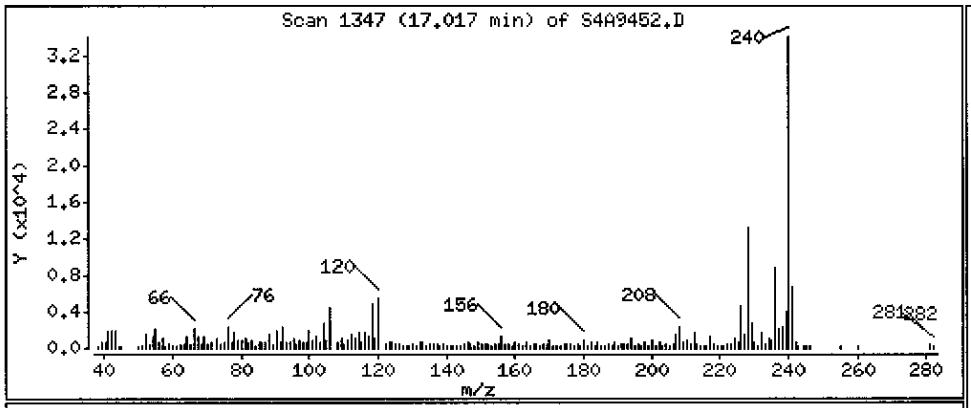
Client ID: SD03-S-0 Instrument: S4.i

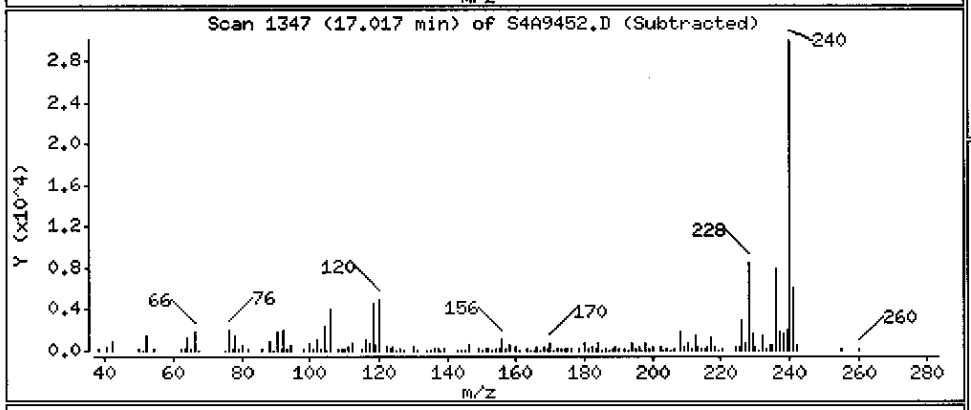
Sample Info: D0926-01A,,19468,,

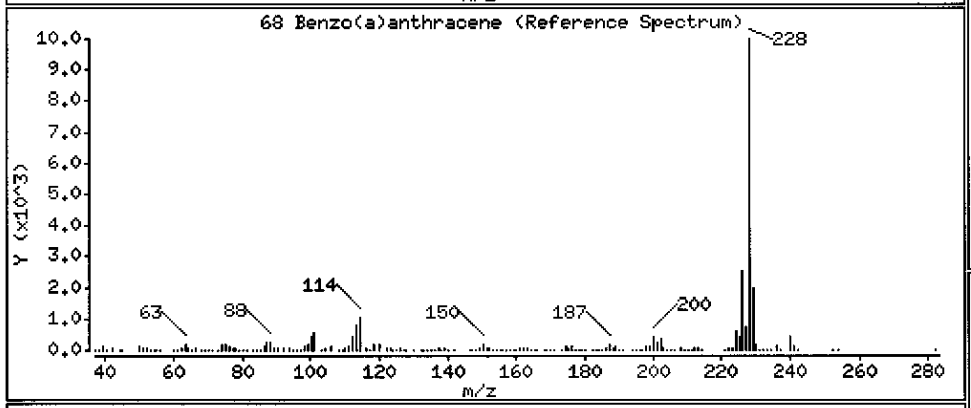
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

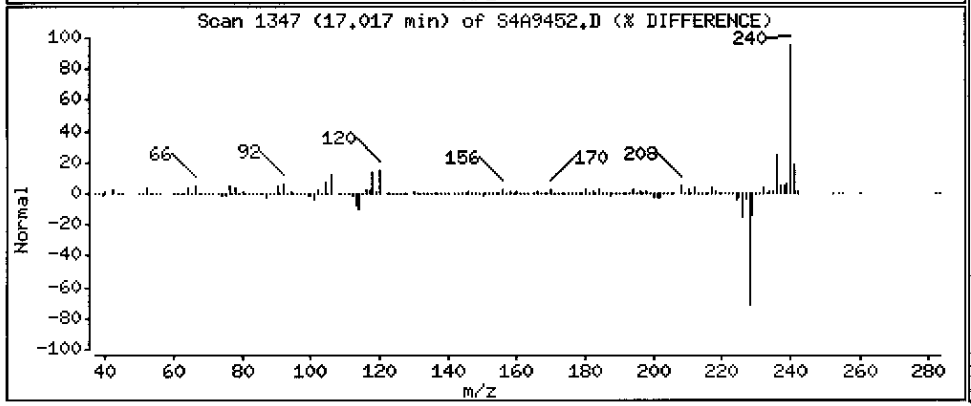
Column phase: DB-5MS Column diameter: 0.25

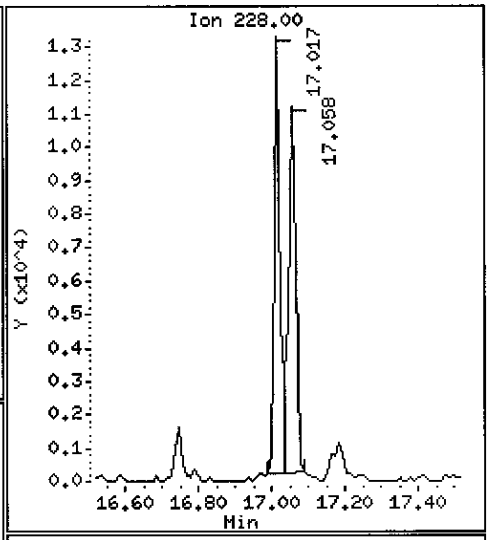
68 Benzo(a)anthracene Concentration: 210 ug/Kg

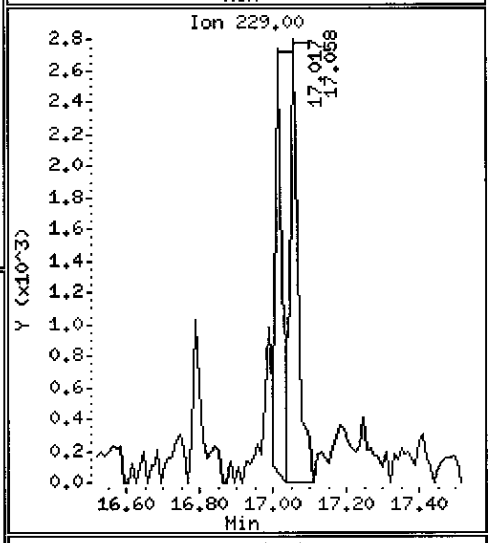


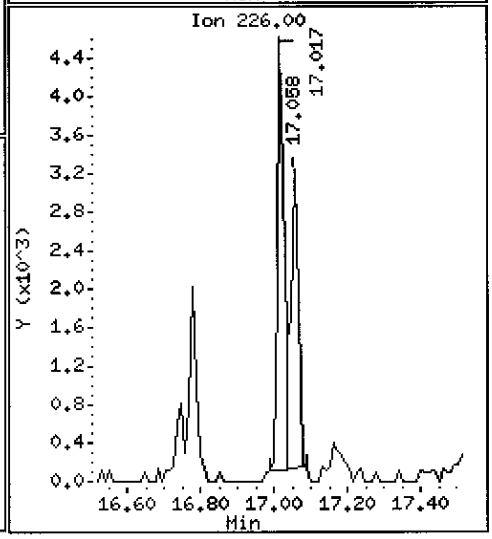












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D

Date : 25-AUG-2005 10:13

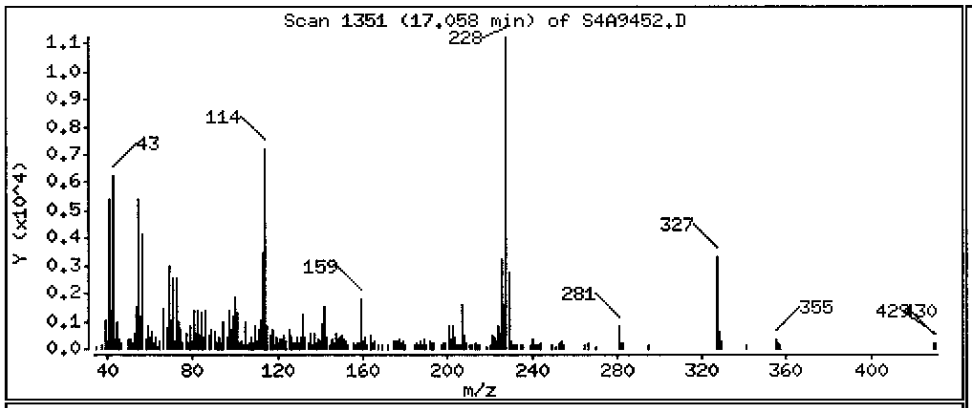
Client ID: SD03-S-0 Instrument: S4.i

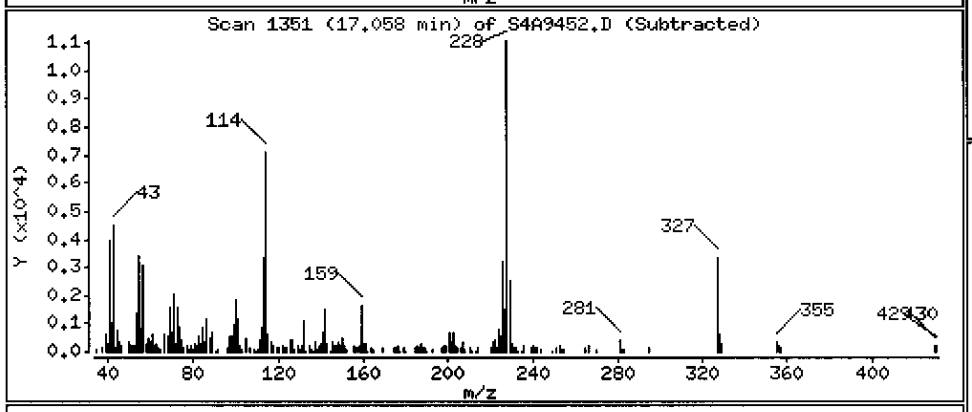
Sample Info: D0926-01A,,19468,,

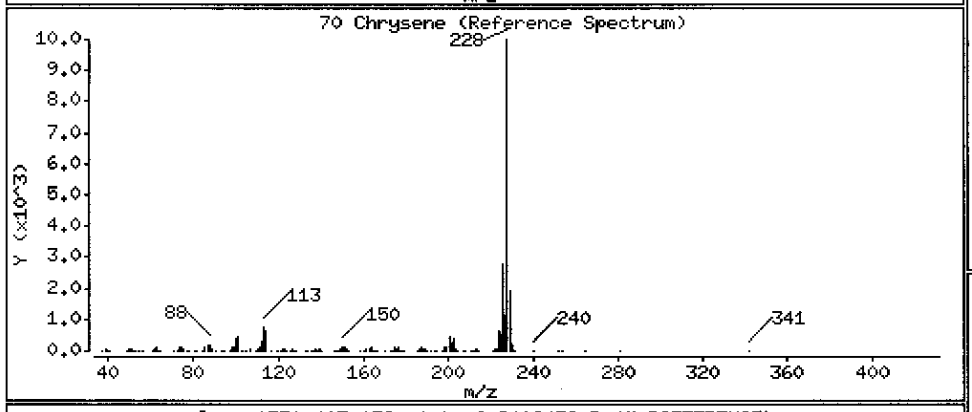
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

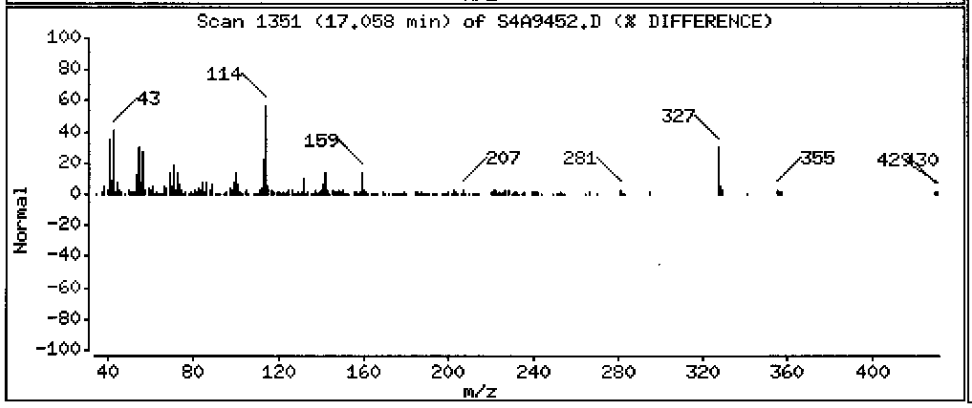
Column phase: DB-5MS Column diameter: 0.25

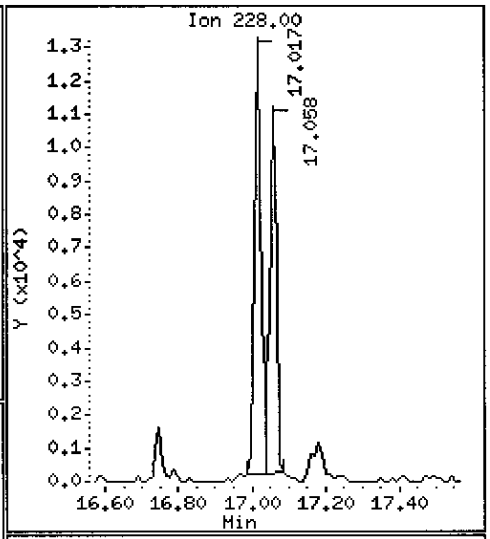
70 Chrysene Concentration: 200 ug/Kg

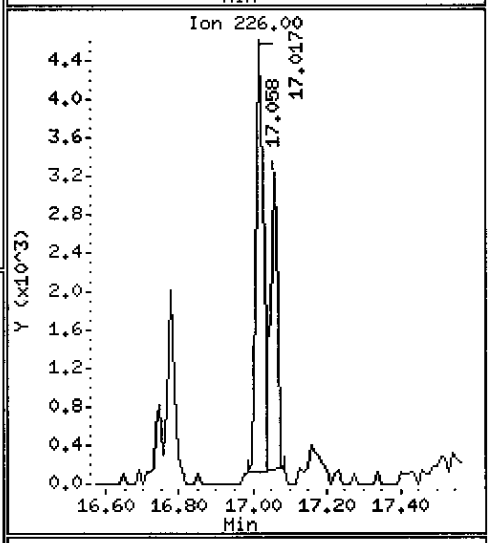


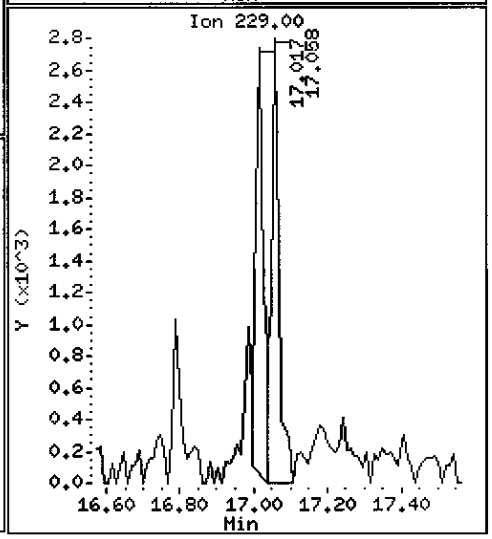












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D

Date : 25-AUG-2005 10:13

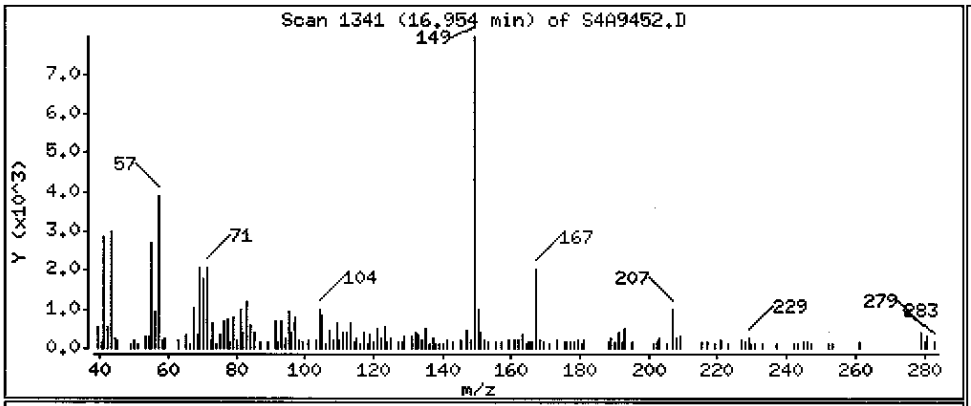
Client ID: SD03-S-0 Instrument: S4.i

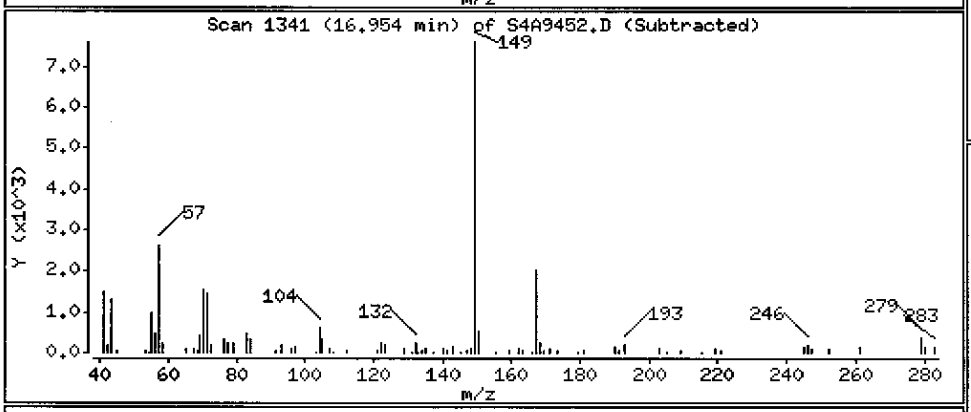
Sample Info: D0926-01A,,19468,,

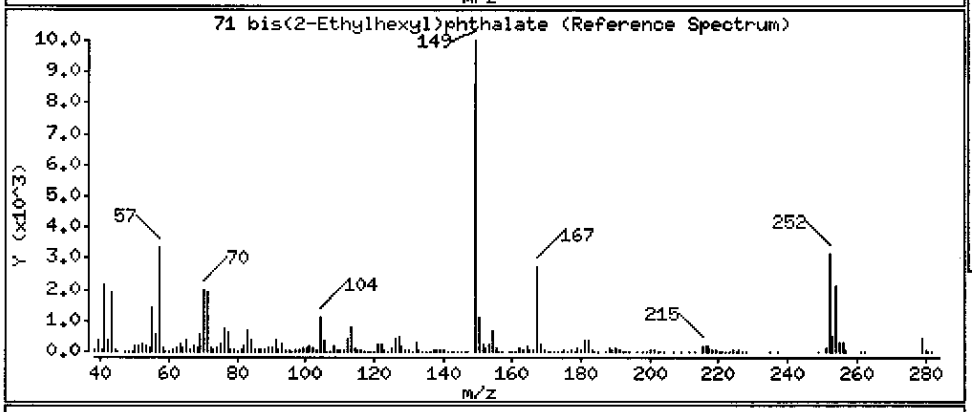
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

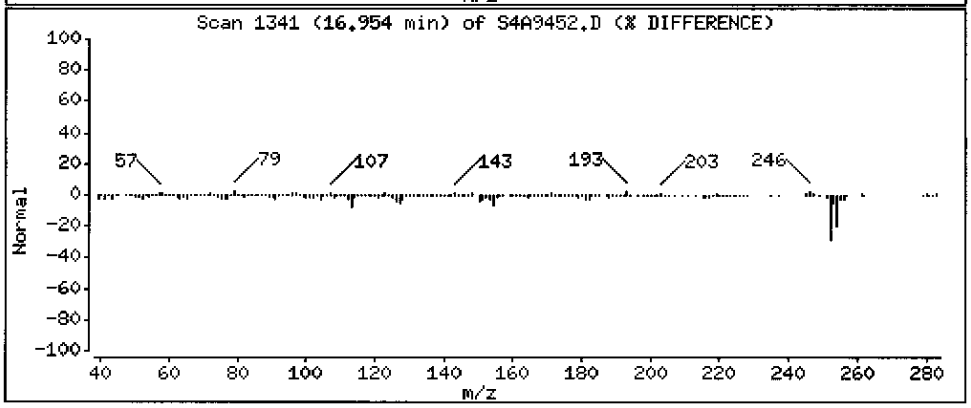
Column phase: DB-5MS Column diameter: 0.25

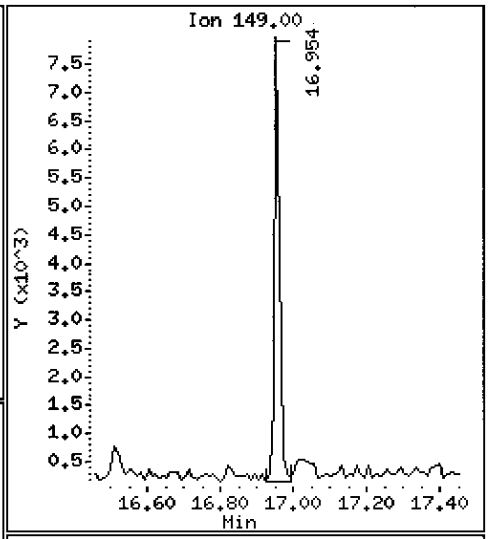
71 bis(2-Ethylhexyl)phthalate Concentration: 130 ug/Kg

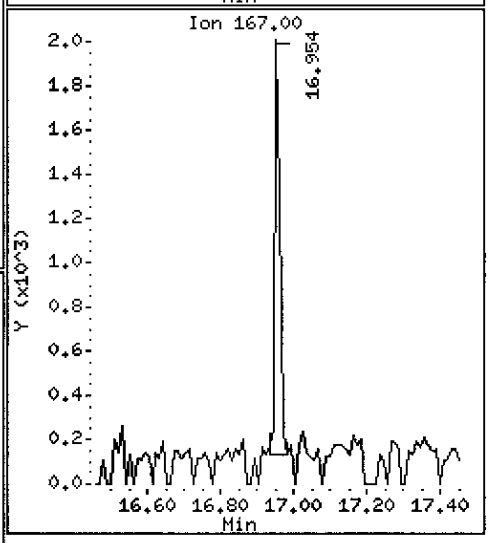












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D

Date : 25-AUG-2005 10:13

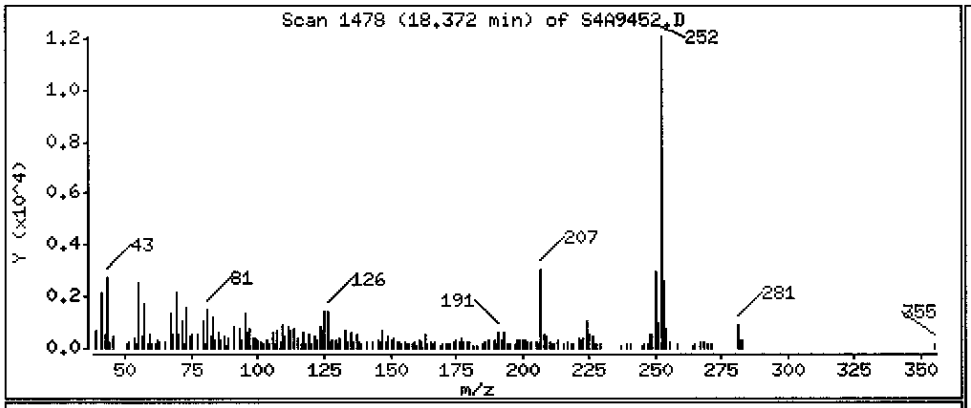
Client ID: SD03-S-0 Instrument: S4.i

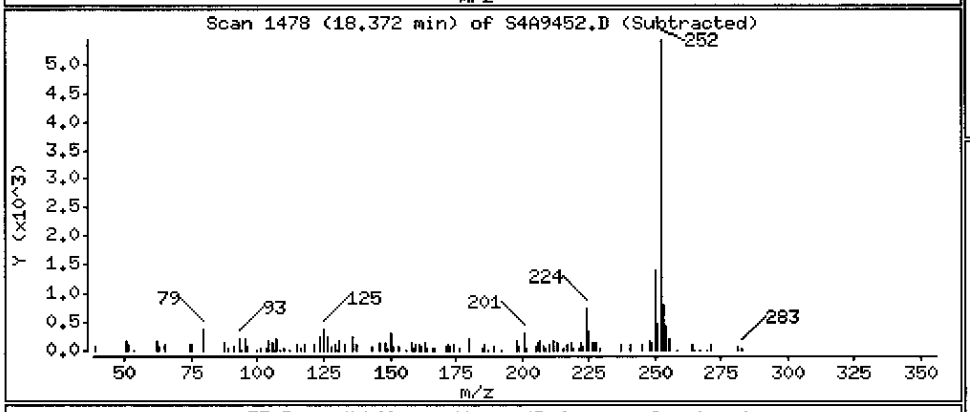
Sample Info: D0926-01A,,19468,,

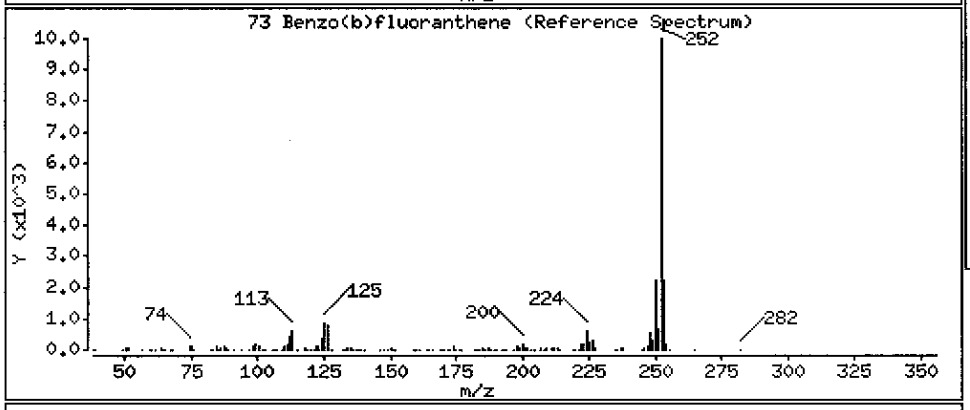
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

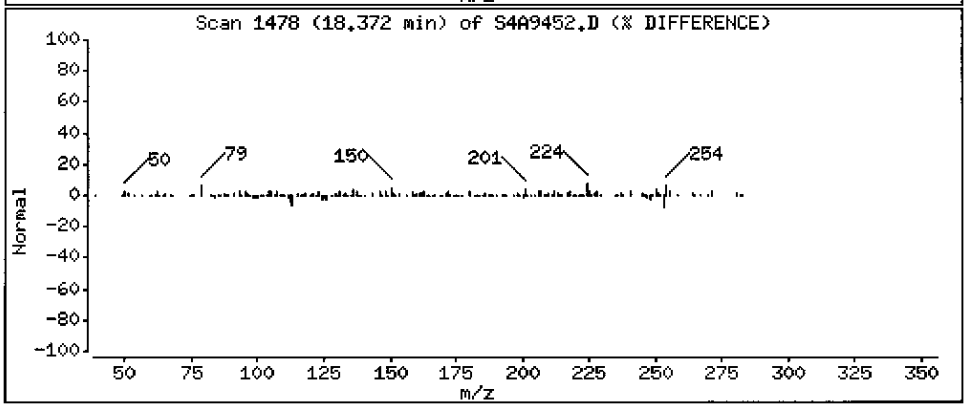
Column phase: DB-5MS Column diameter: 0.25

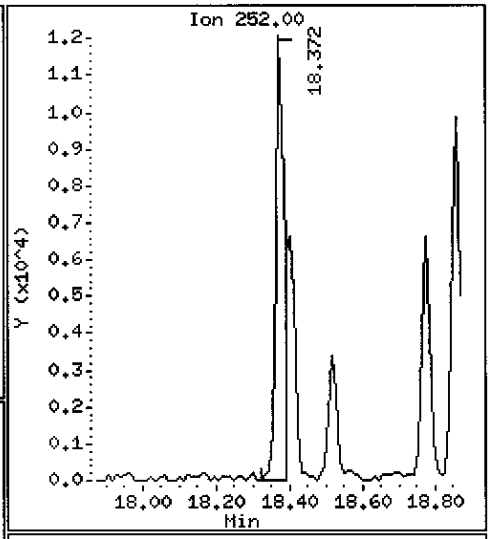
73 Benzo(b)fluoranthene Concentration: 280 ug/Kg

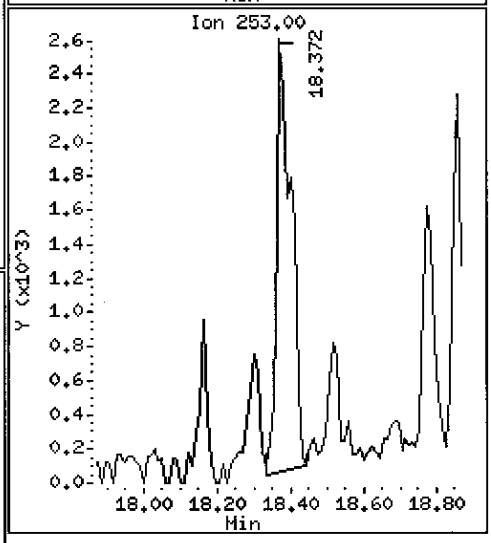












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D

Date : 25-AUG-2005 10:13

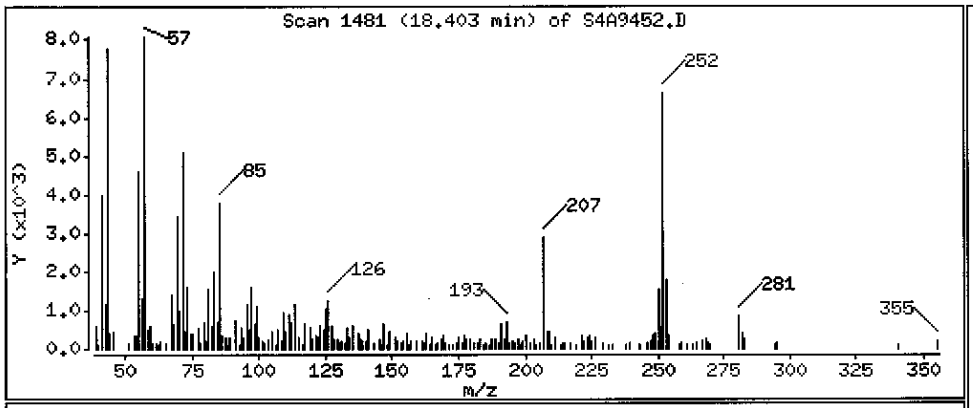
Client ID: SD03-S-0 Instrument: S4.i

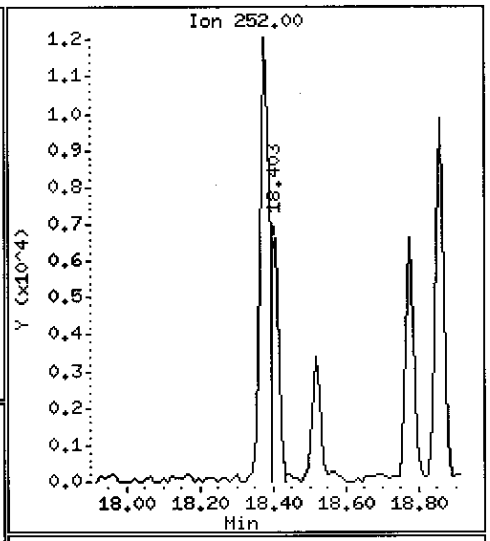
Sample Info: D0926-01A,,19468,,

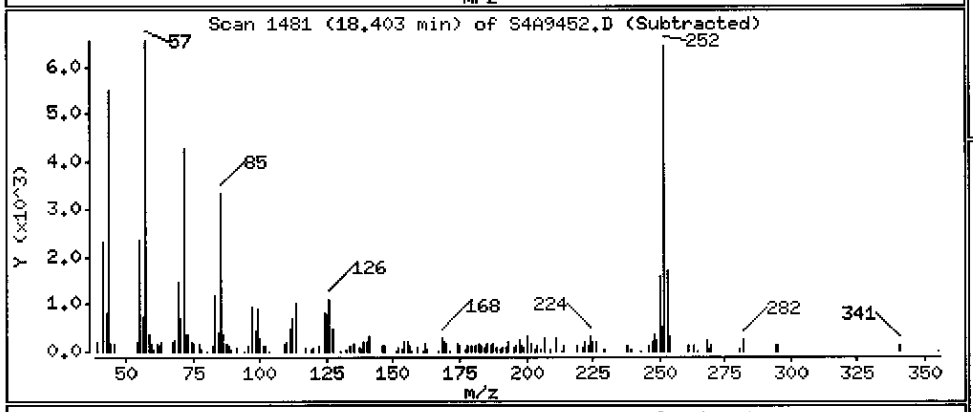
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

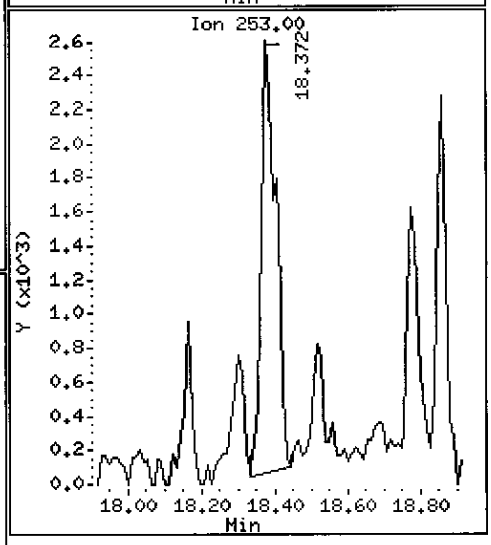
Column phase: DB-5MS Column diameter: 0.25

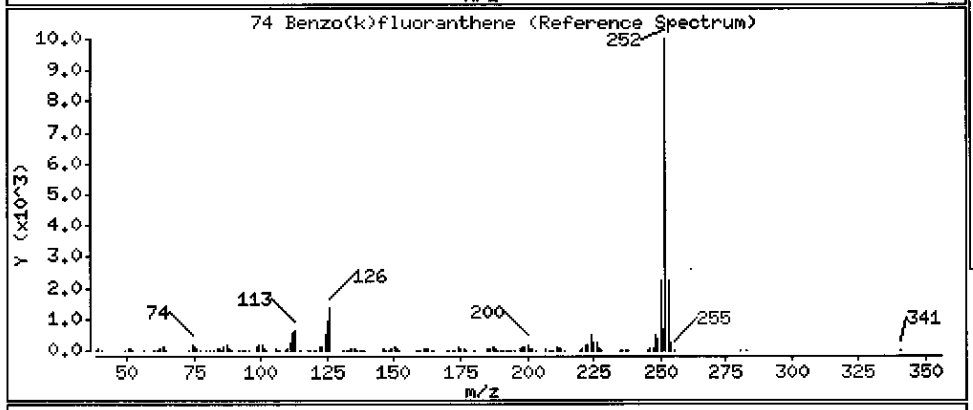
74 Benzo(k)fluoranthene Concentration: 150 ug/Kg

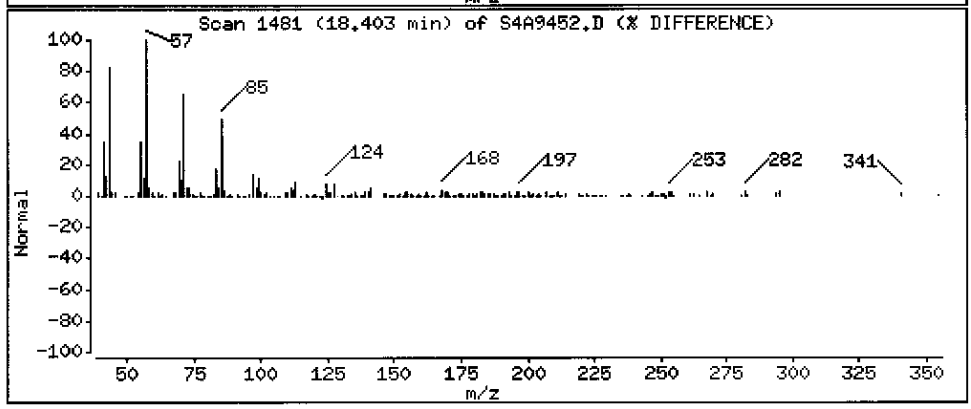












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D

Date : 25-AUG-2005 10:13

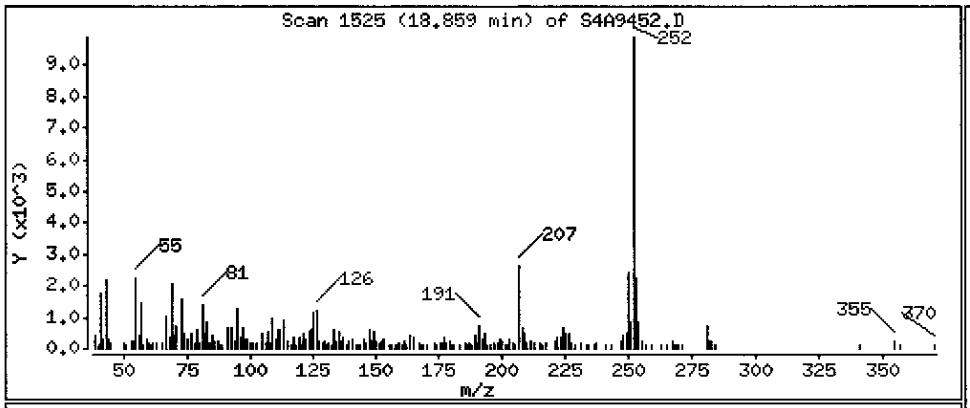
Client ID: SD03-S-0 Instrument: S4.i

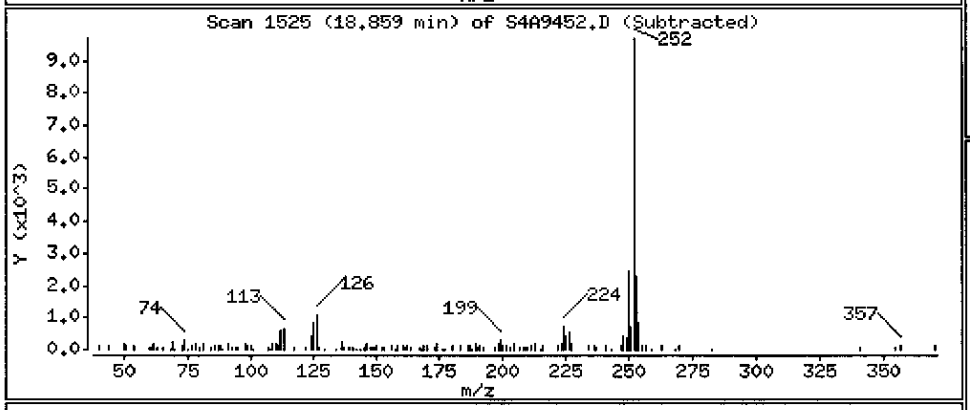
Sample Info: D0926-01A,,19468,,

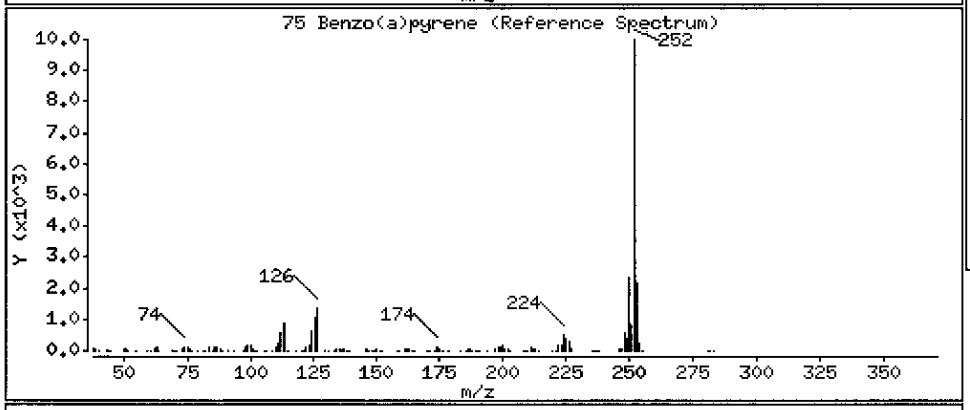
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

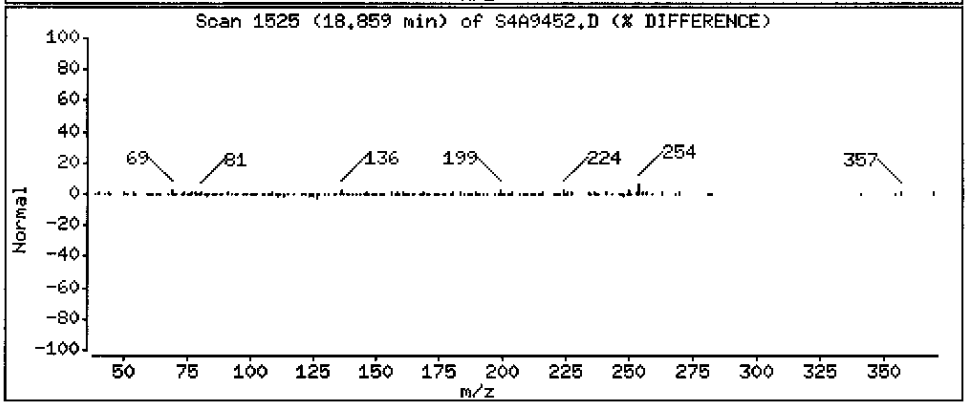
Column phase: DB-5MS Column diameter: 0.25

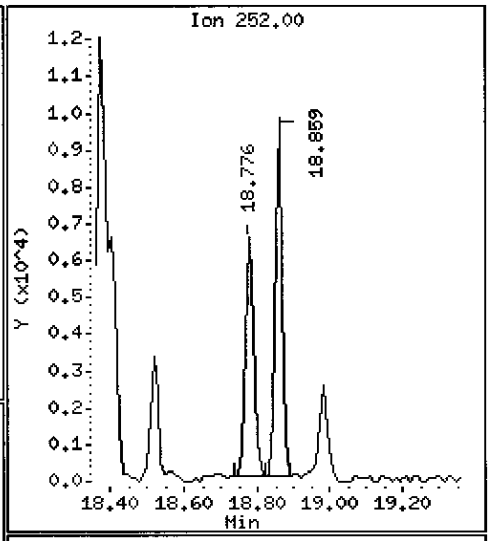
75 Benzo(a)pyrene Concentration: 230 ug/Kg

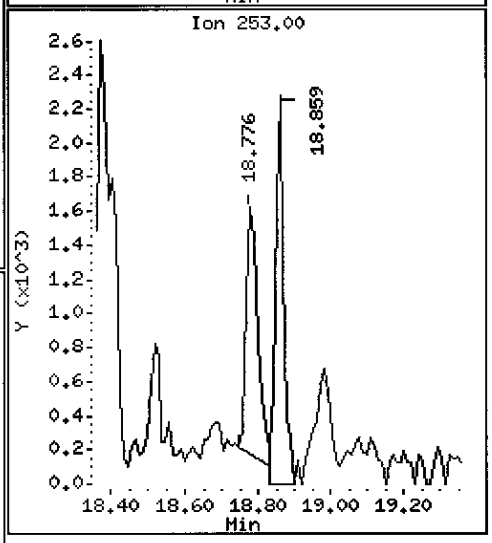












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D

Date : 25-AUG-2005 10:13

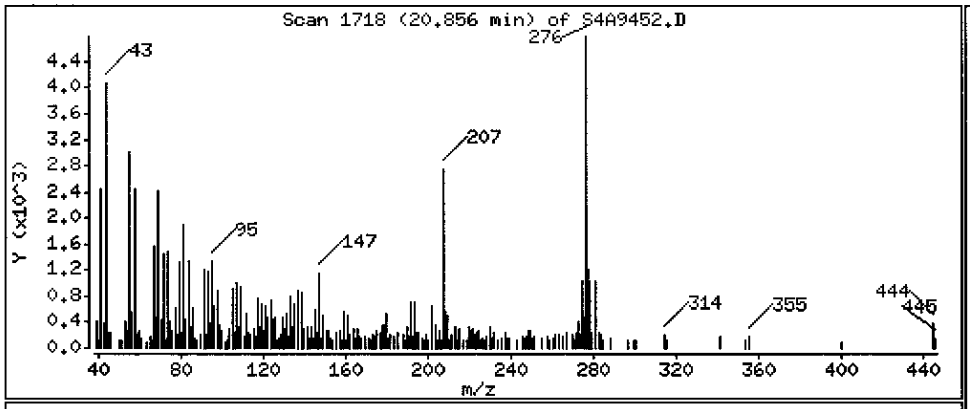
Client ID: SD03-S-0 Instrument: S4.i

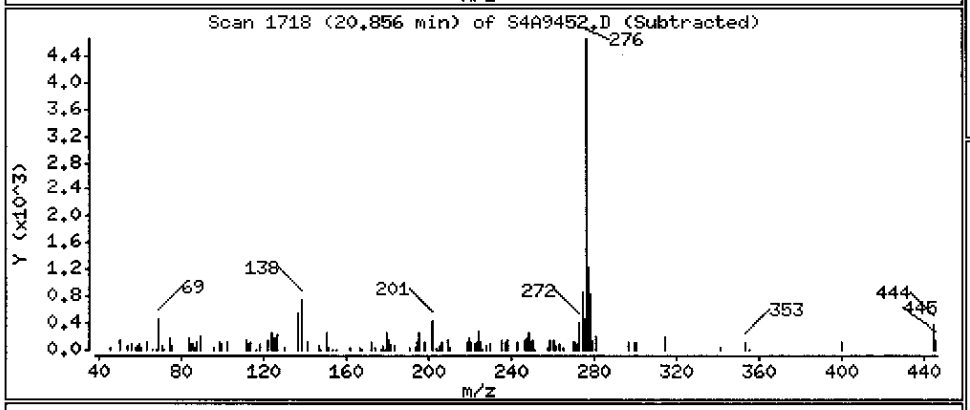
Sample Info: D0926-01A,,19468,,

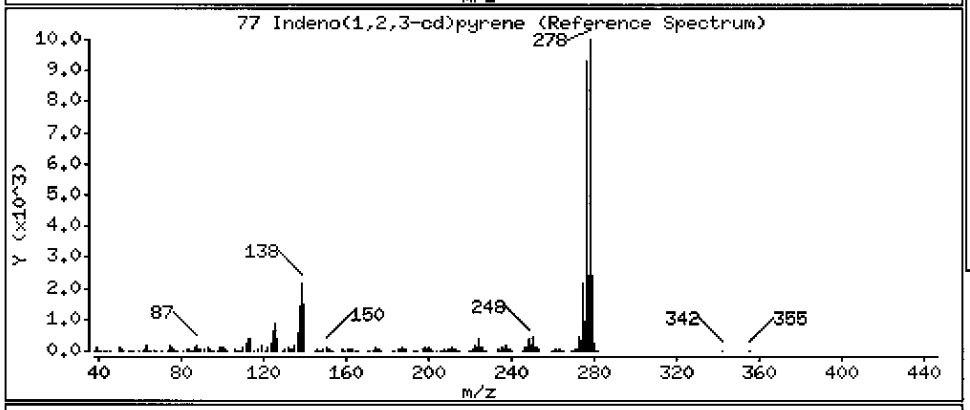
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

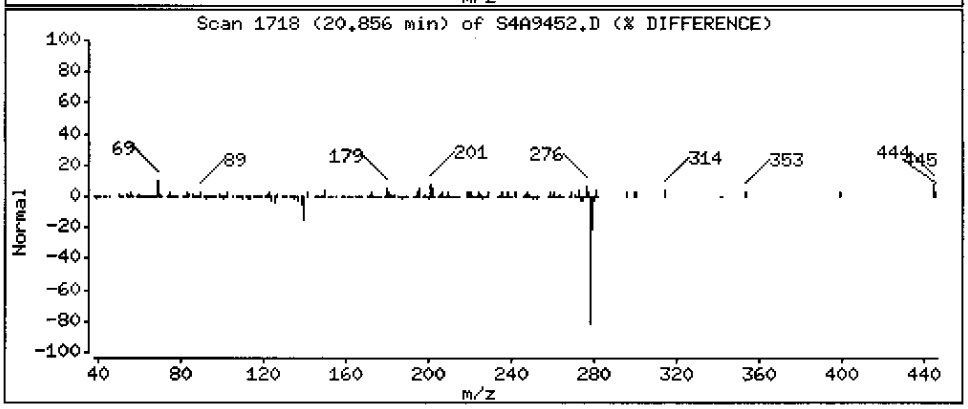
Column phase: DB-5MS Column diameter: 0.25

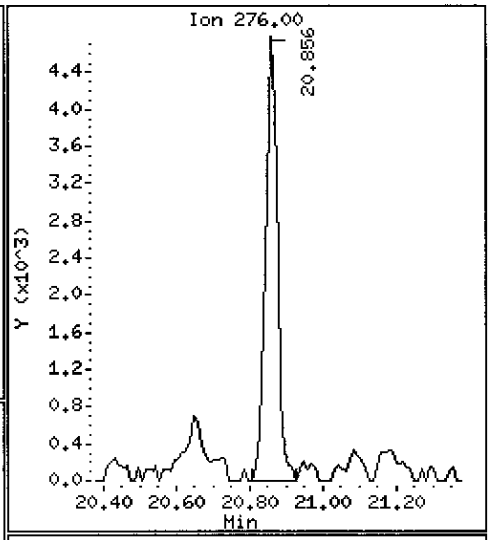
77 Indeno(1,2,3-cd)pyrene Concentration: 150 ug/Kg

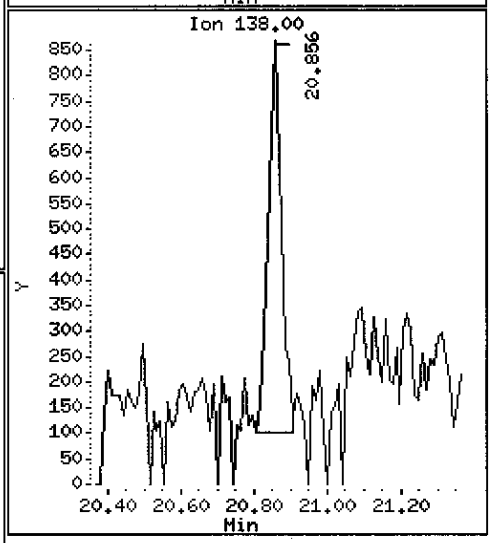












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D

Date : 25-AUG-2005 10:13

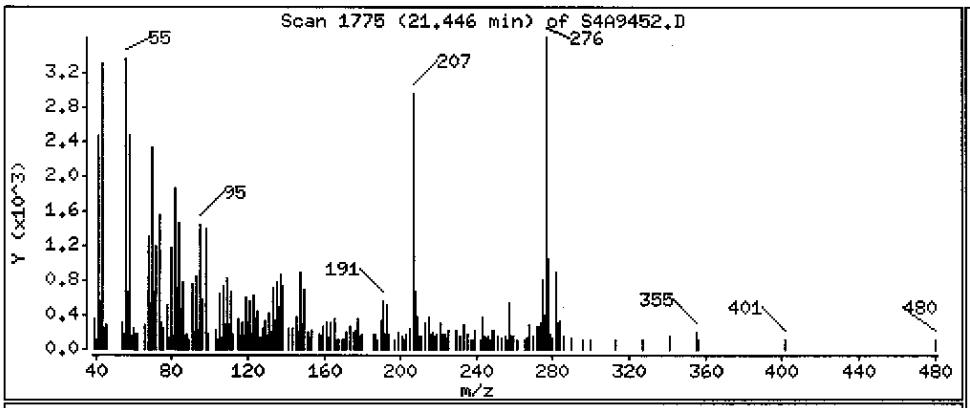
Client ID: SD03-S-0 Instrument: S4.i

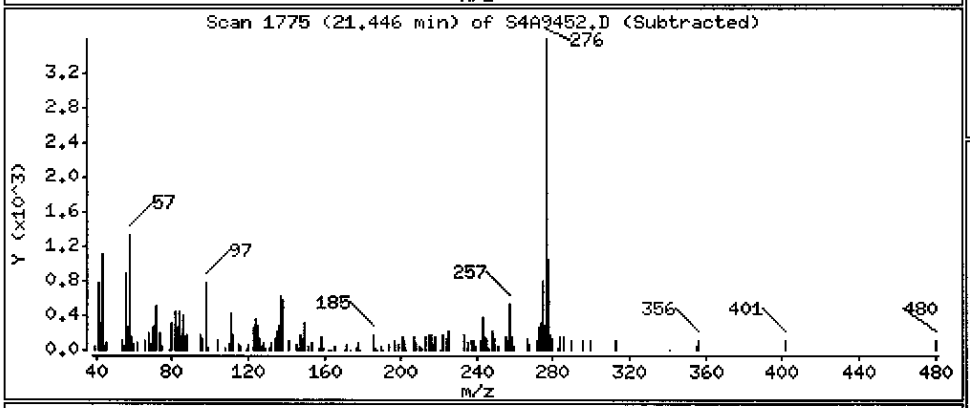
Sample Info: D0926-01A,,19468,,

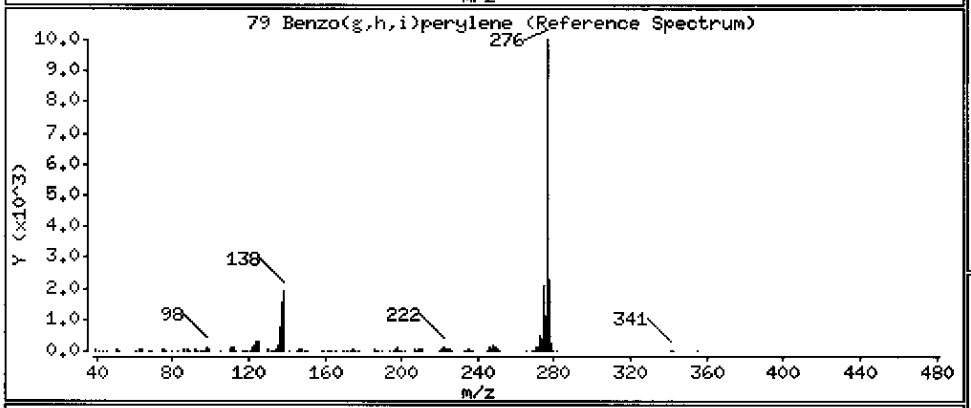
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

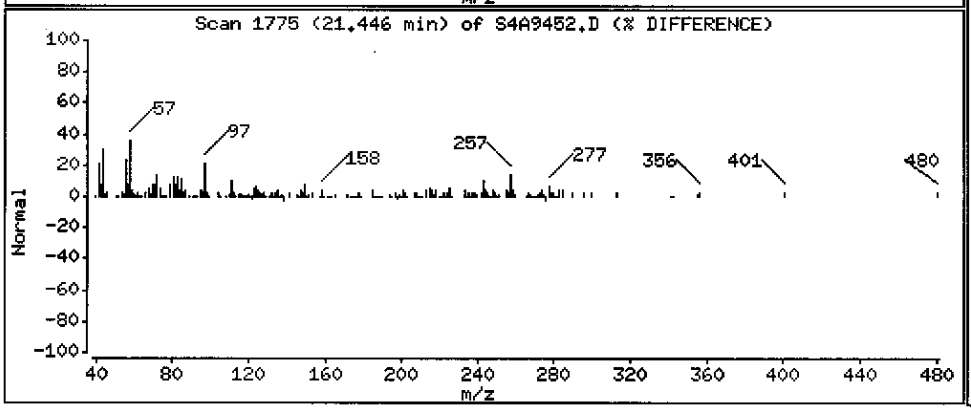
Column phase: DB-5MS Column diameter: 0.25

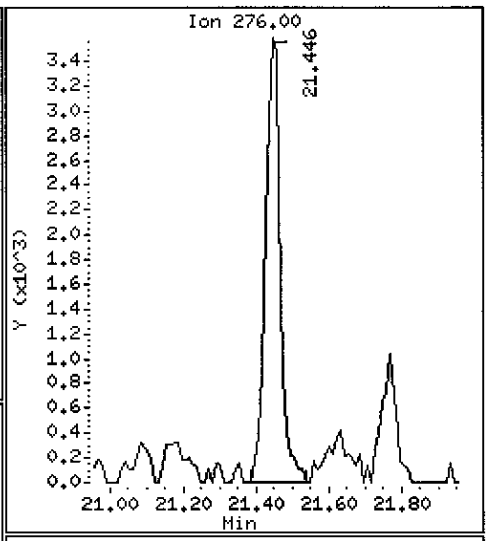
79 Benzo(g,h,i)perylene Concentration: 190 ug/Kg

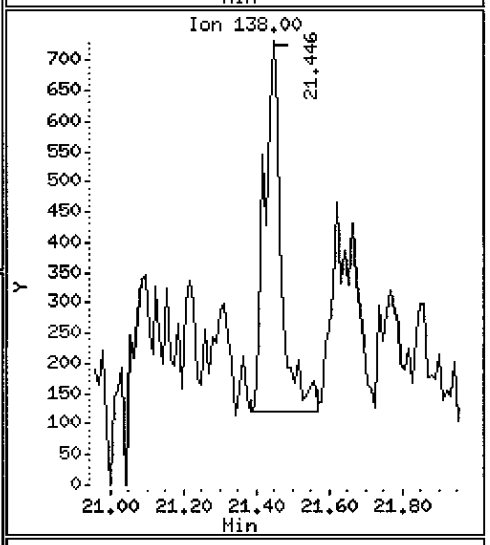


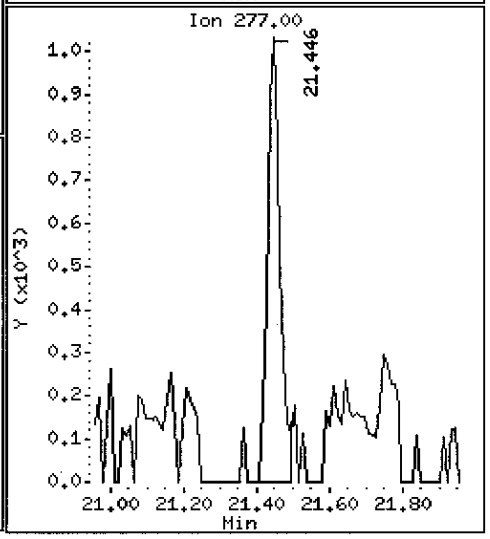












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D

Date : 25-AUG-2005 10:13

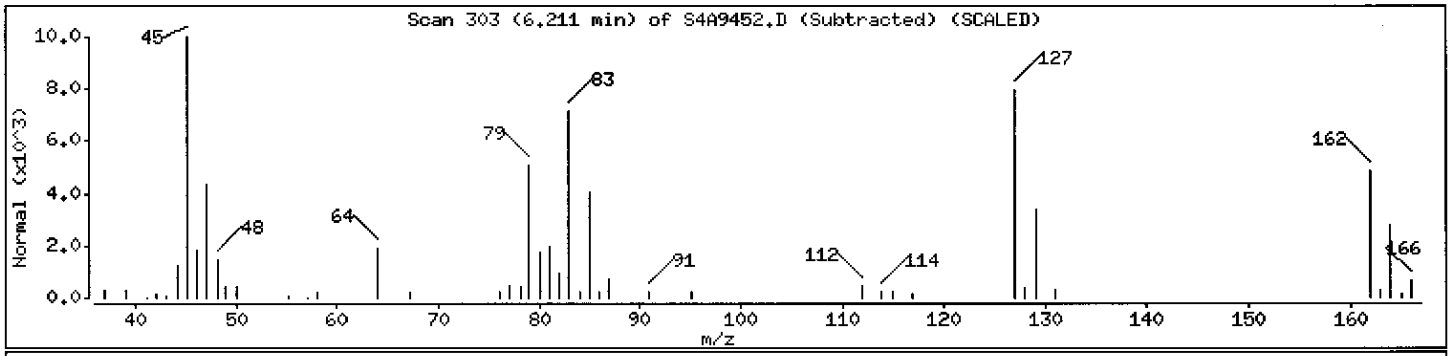
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D

Date : 25-AUG-2005 10:13

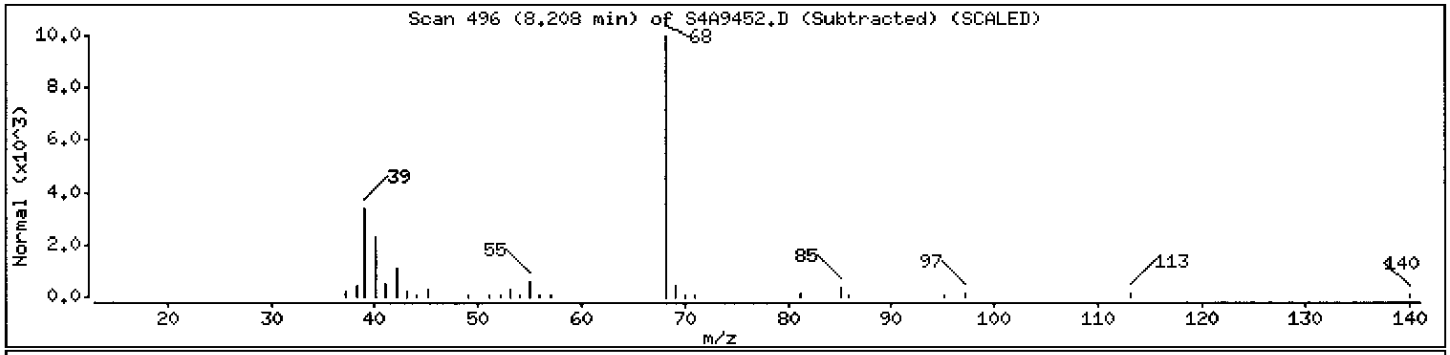
Client ID: SD03-S-0 Instrument: S4.i

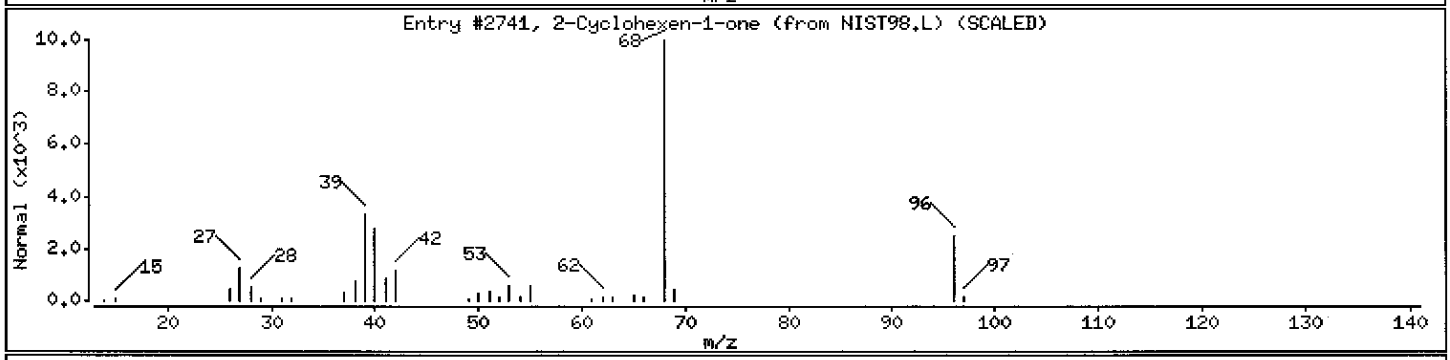
Sample Info: D0926-01A,,19468,,

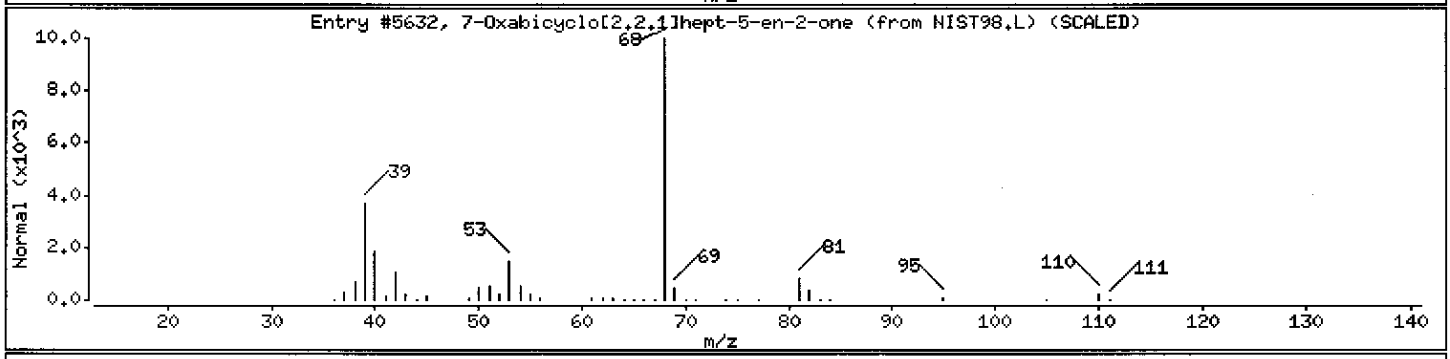
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Cyclohexen-1-one	930-68-7	NIST98.L	2741	64	C6H8O	96
7-Oxabicyclo[2.2.1]hept-5-en-2-one	95530-78-2	NIST98.L	5632	43	C6H6O2	110







Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D

Date : 25-AUG-2005 10:13

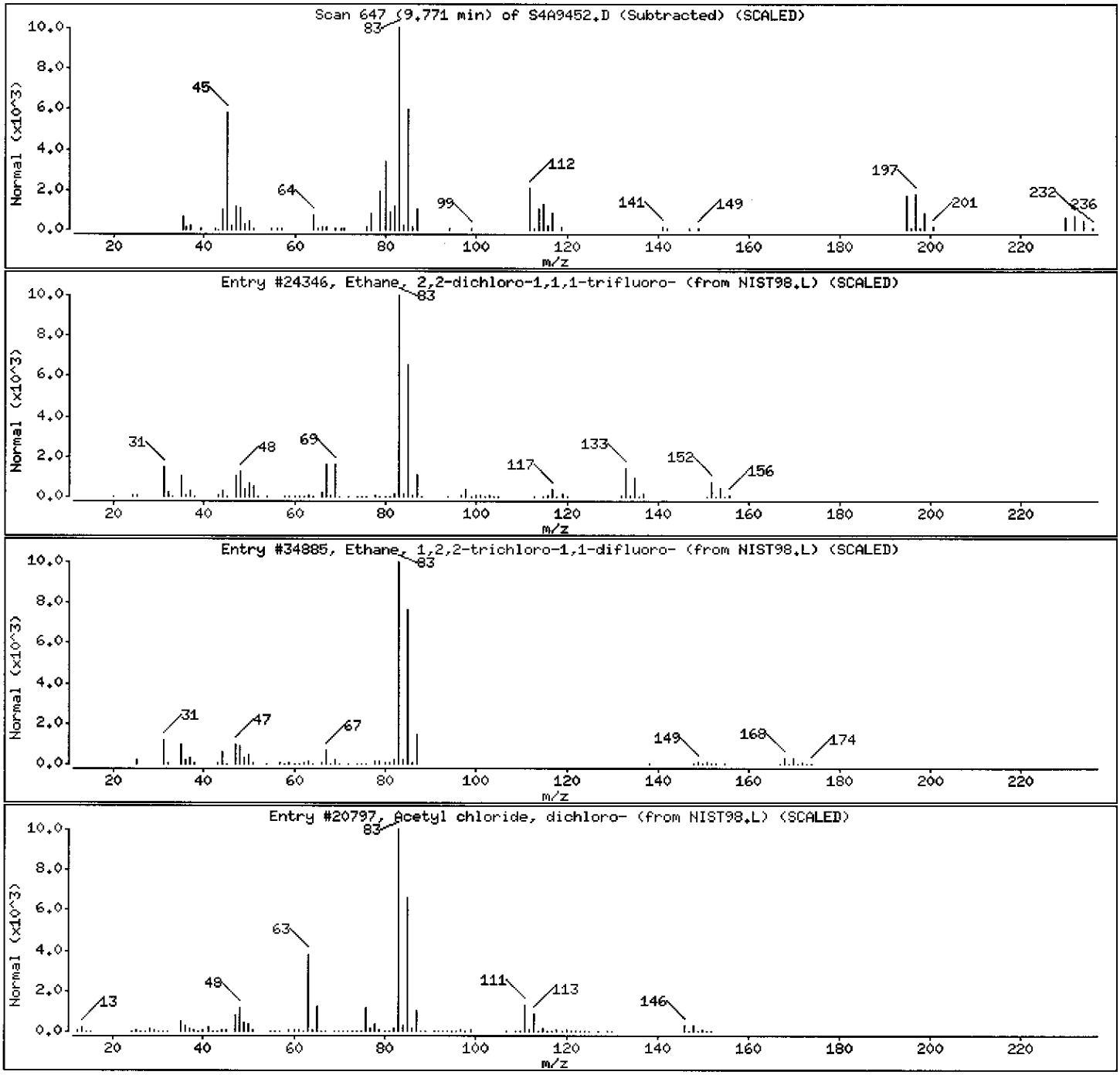
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Ethane, 2,2-dichloro-1,1,1-trifluoro-	306-83-2	NIST98.L	24346	47	C2HCl2F3	152
Ethane, 1,2,2-trichloro-1,1-difluoro-	354-21-2	NIST98.L	34885	47	C2HCl3F2	168
Acetyl chloride, dichloro-	79-36-7	NIST98.L	20797	47	C2HCl3O	146



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D

Date : 25-AUG-2005 10:13

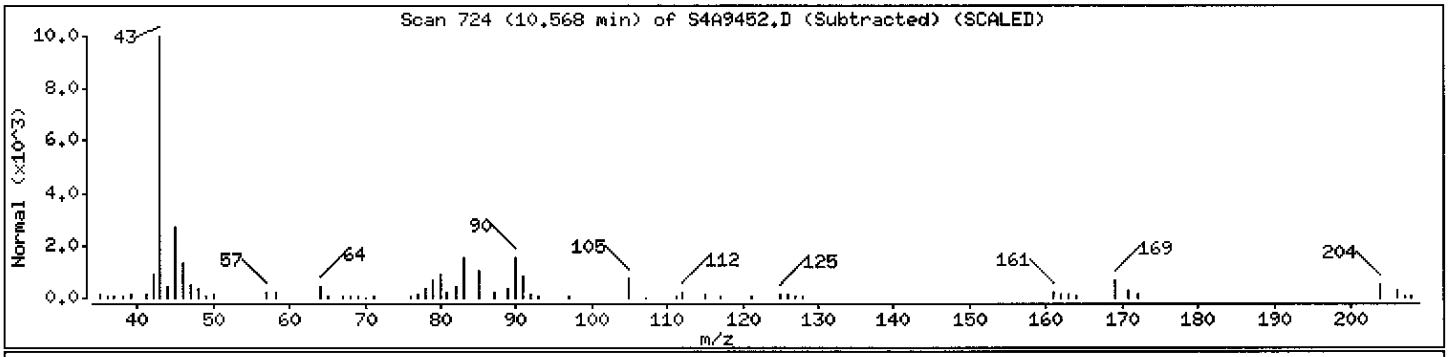
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D

Date : 25-AUG-2005 10:13

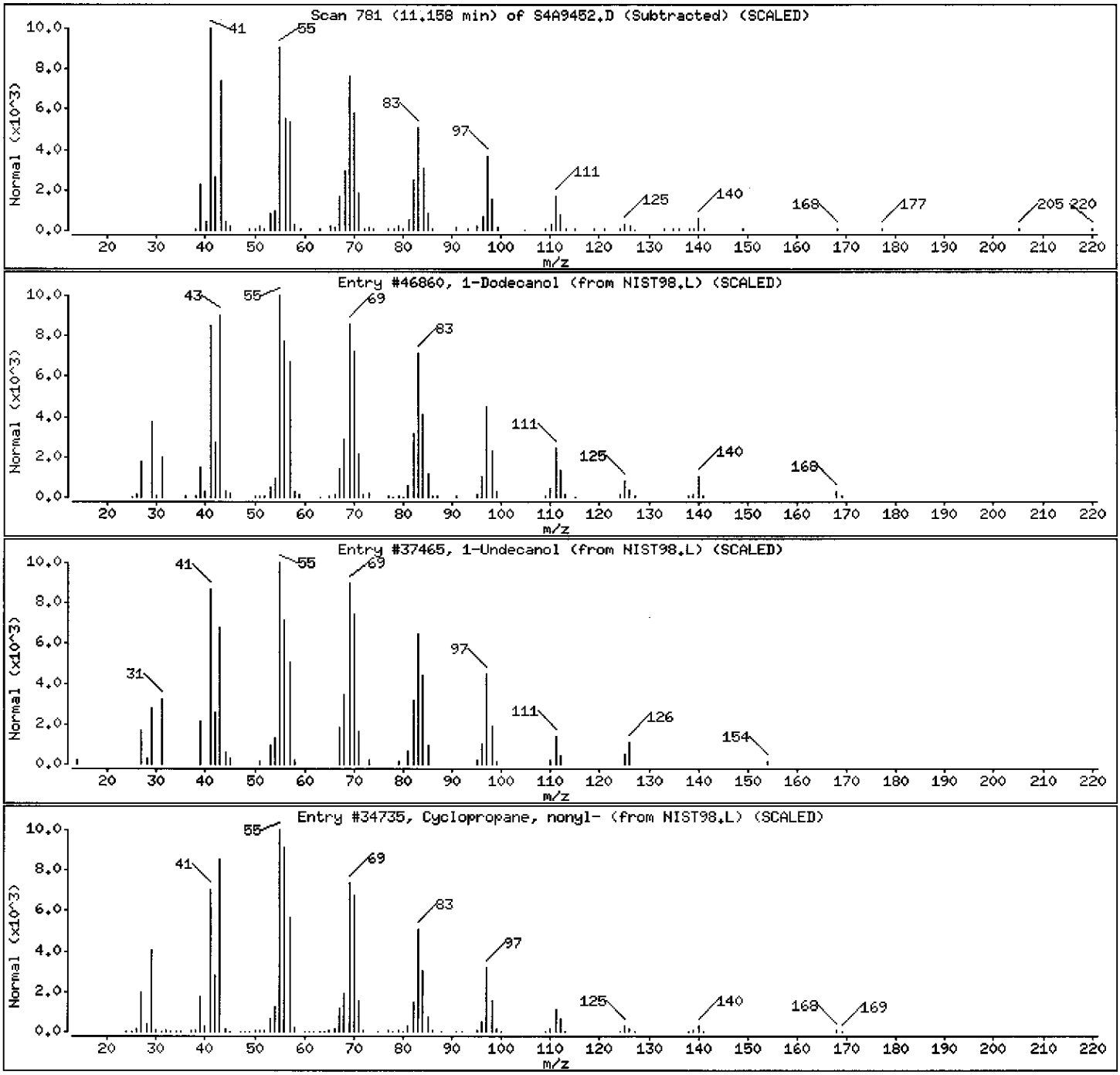
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Dodecanol	112-53-8	NIST98.L	46860	91	C12H260	186
1-Undecanol	112-42-5	NIST98.L	37465	91	C11H240	172
Cyclopropane, nonyl-	74663-85-7	NIST98.L	34735	90	C12H24	168



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D

Date : 25-AUG-2005 10:13

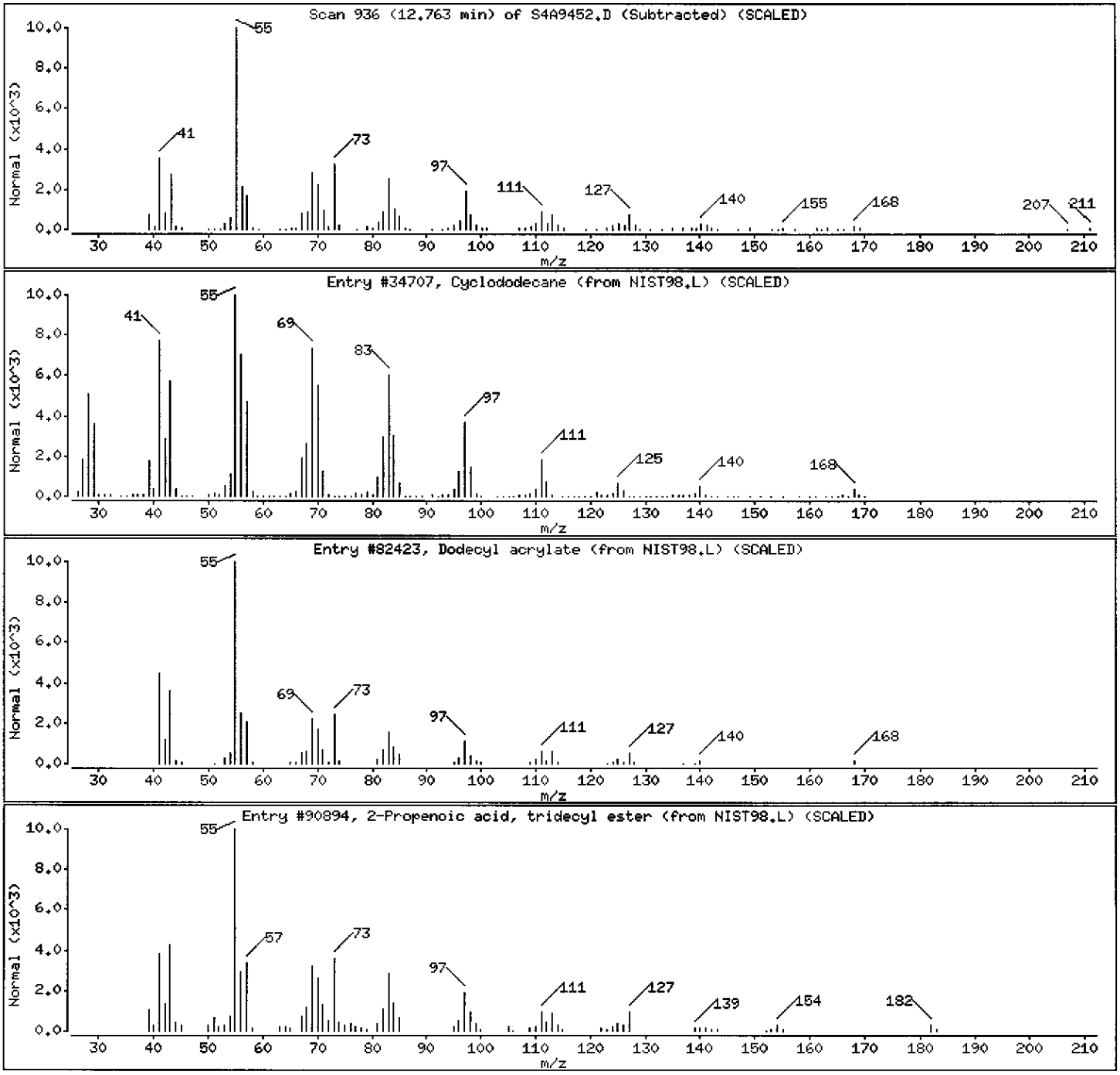
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34707	92	C12H24	168
Dodecyl acrylate	2156-97-0	NIST98.L	82423	91	C15H2802	240
2-Propenoic acid, tridecyl ester	3076-04-8	NIST98.L	90894	80	C16H3002	254



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D

Date : 25-AUG-2005 10:13

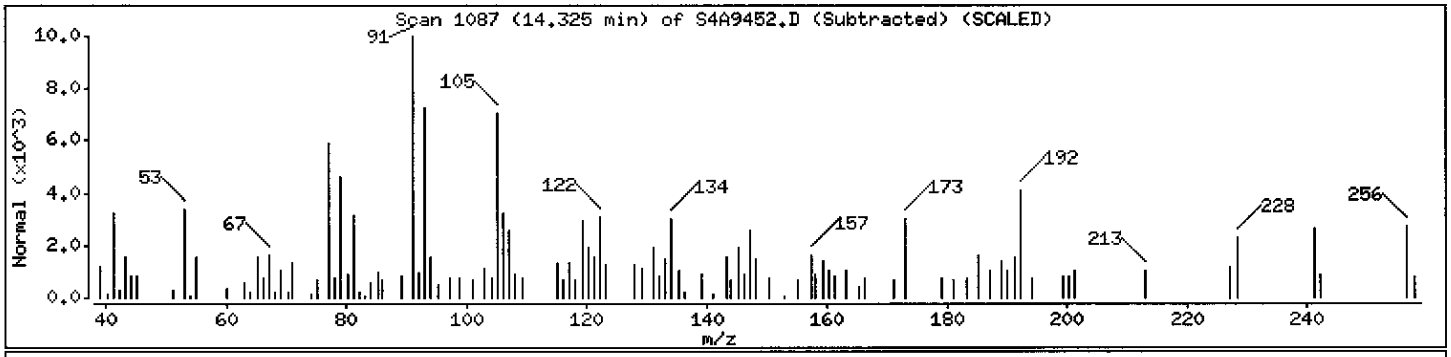
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D

Date : 25-AUG-2005 10:13

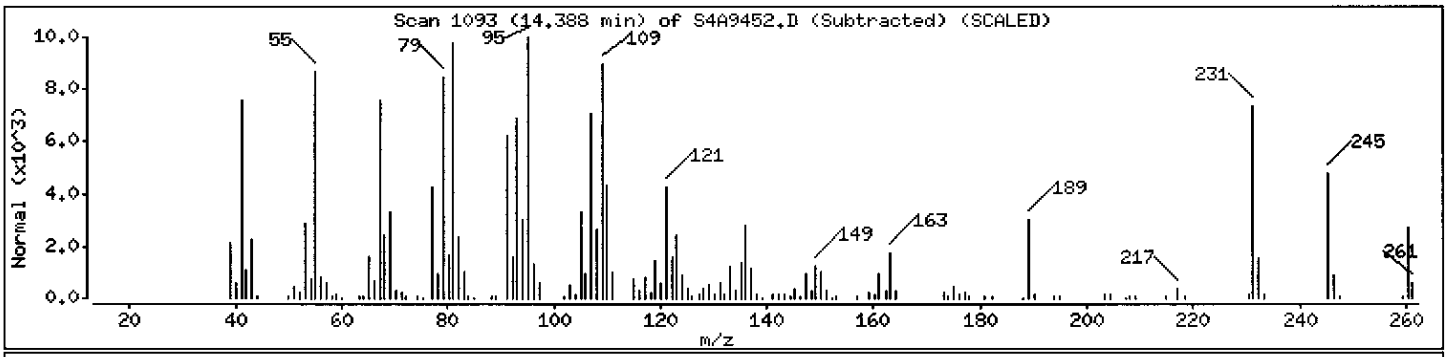
Client ID: SD03-S-0 Instrument: S4.i

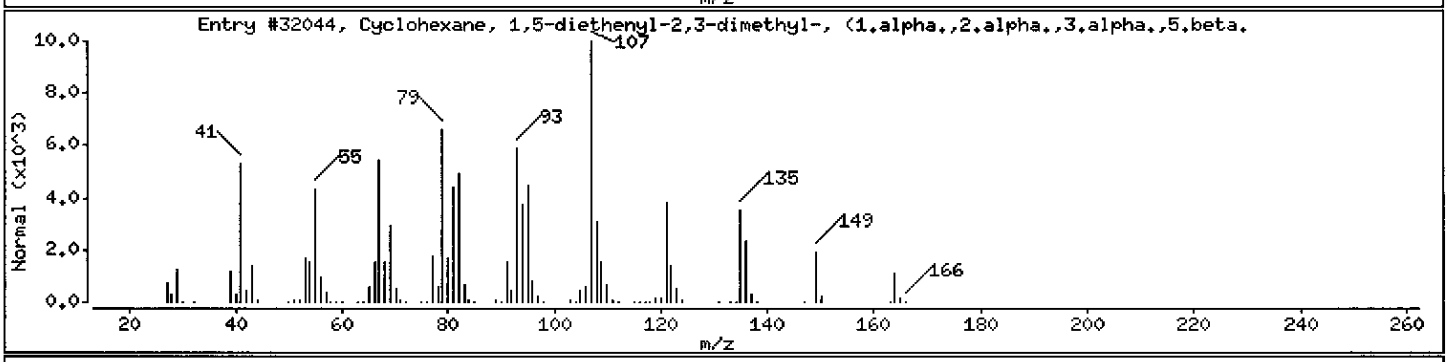
Sample Info: D0926-01A,,19468,,

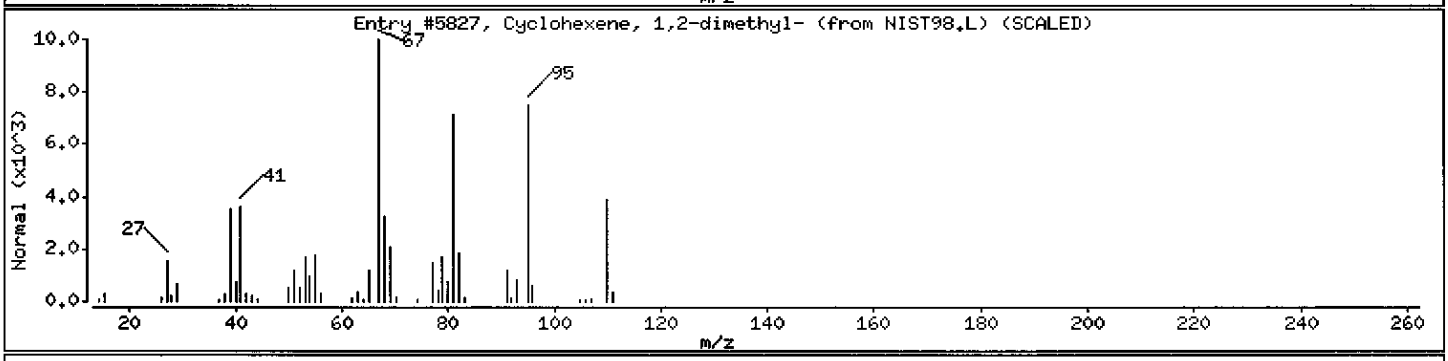
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

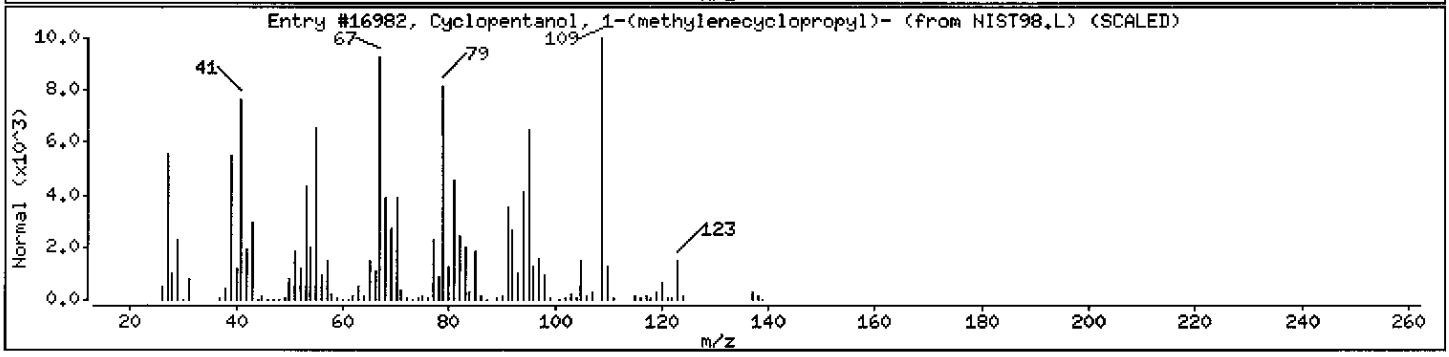
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclohexane, 1,5-diethenyl-2,3-dimethyl-	68779-14-6	NIST98.L	32044	47	C12H20	164
Cyclohexene, 1,2-dimethyl-	1674-10-8	NIST98.L	5827	46	C8H14	110
Cyclopentanol, 1-(methylenecyclopropyl)-	86951-58-8	NIST98.L	16982	42	C9H140	138









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Date : 25-AUG-2005 10:13

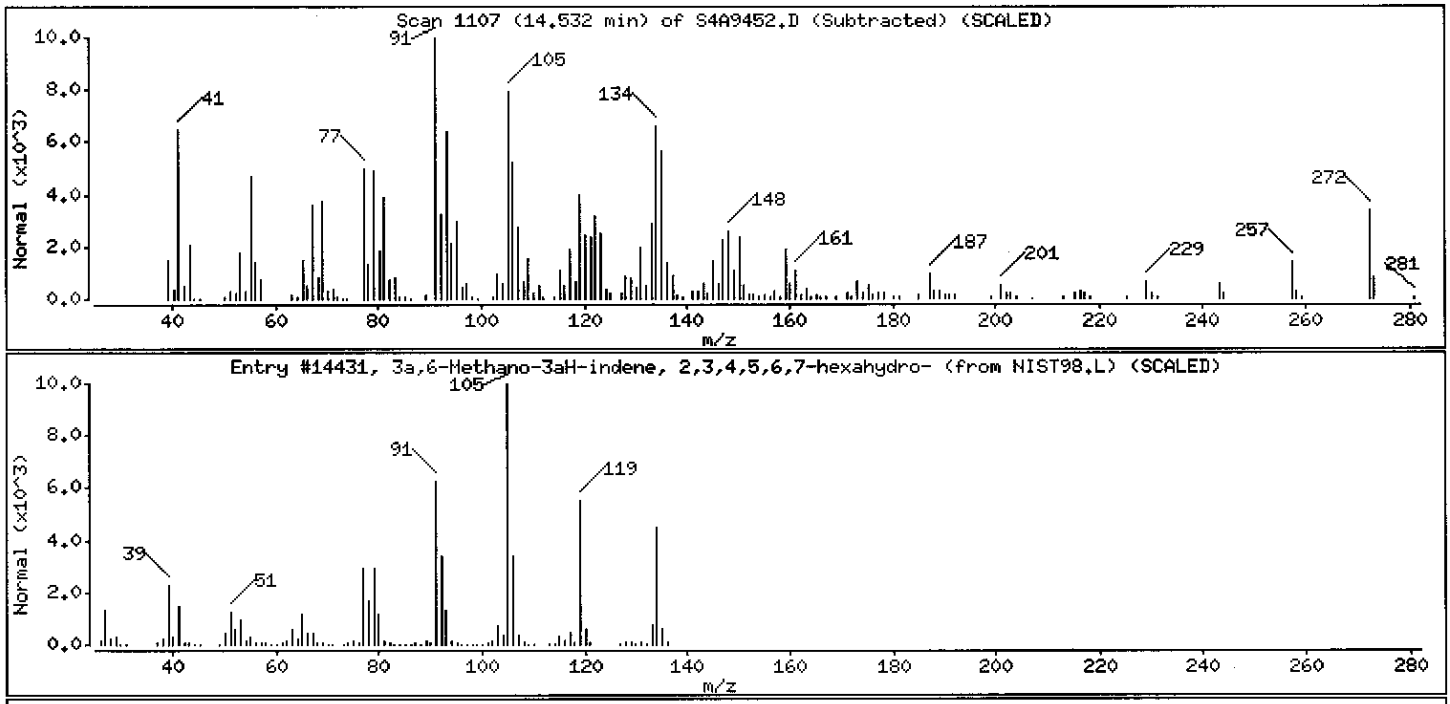
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
3a,6-Methano-3aH-indene, 2,3,4,5,6,7-hex	98640-10-9	NIST98.L	14431	42	C10H14	134



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Date : 25-AUG-2005 10:13

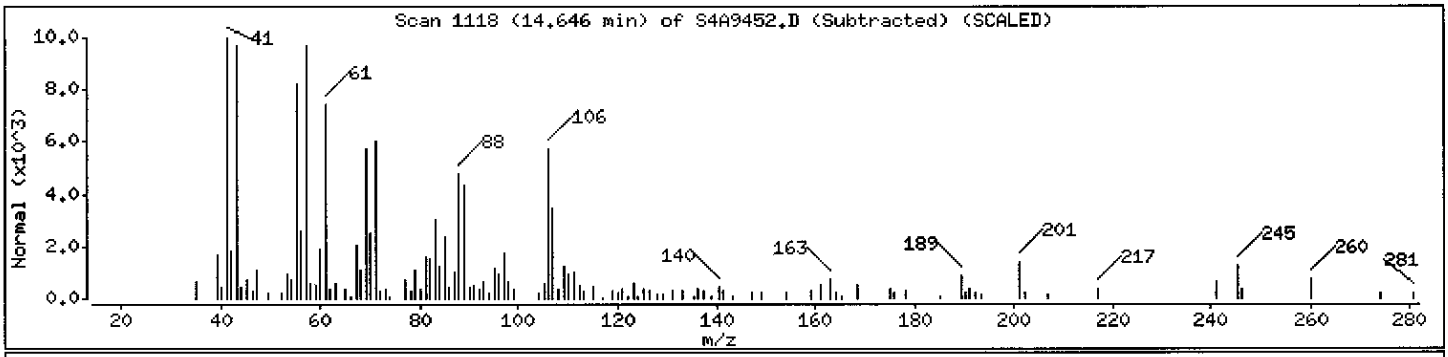
Client ID: SD03-S-0 Instrument: S4.i

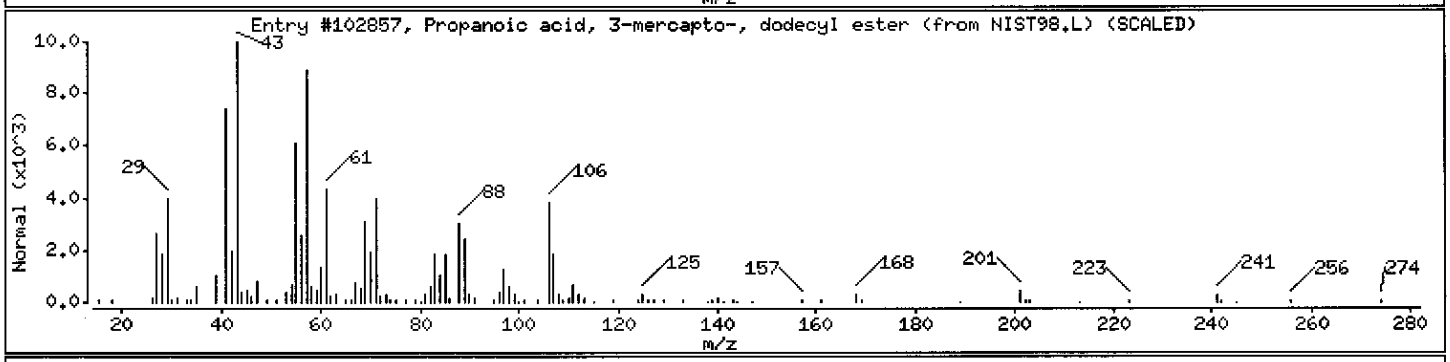
Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Propanoic acid, 3-mercapto-, dodecyl est	6380-71-8	NIST98.L	102857	83	C15H30O2S	274





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Date : 25-AUG-2005 10:13

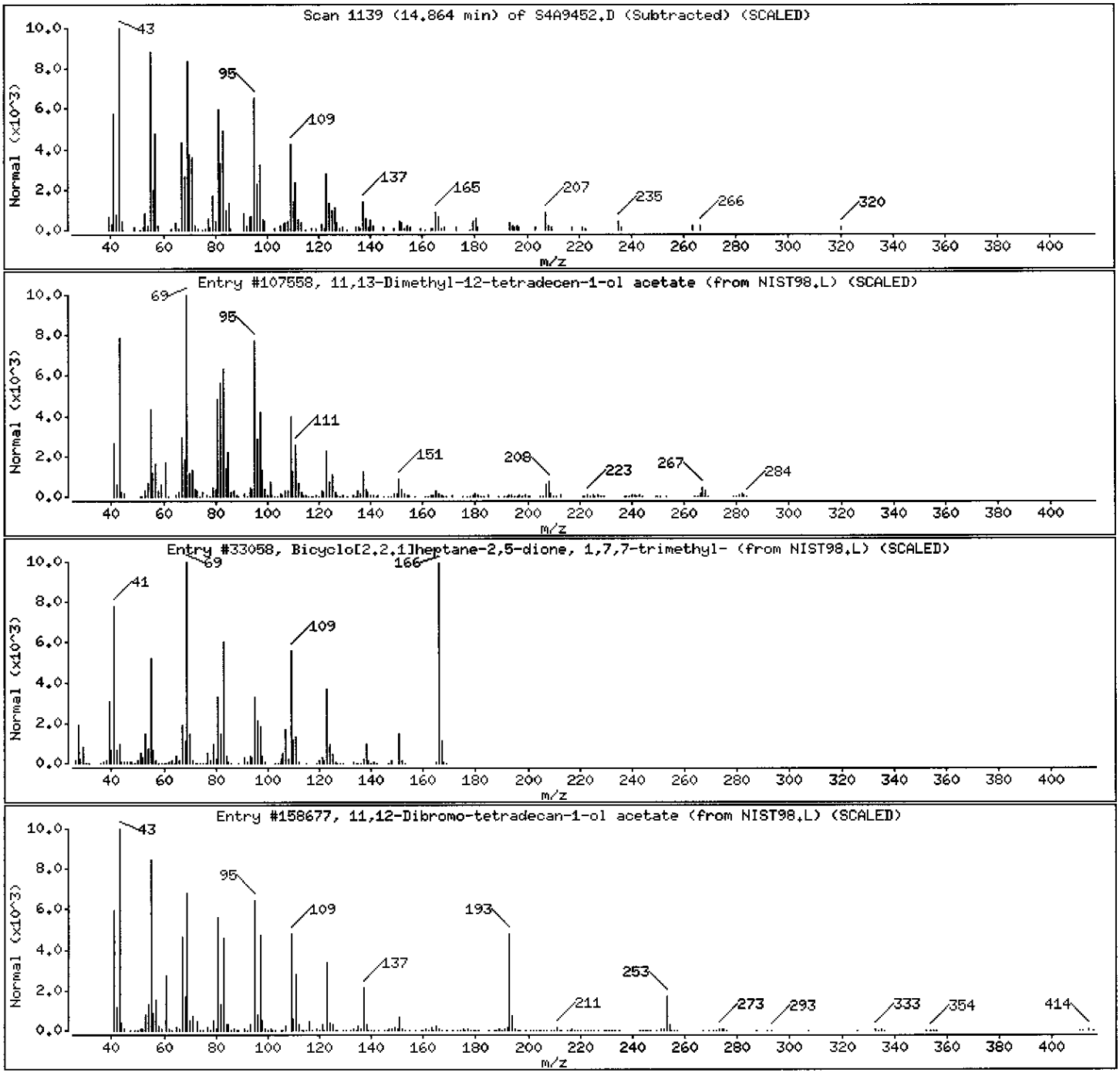
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
11,13-Dimethyl-12-tetradecen-1-ol acetat	1000130-81-0	NIST98.L	107558	64	C18H3402	282
Bicyclo[2.2.1]heptane-2,5-dione, 1,7,7-t	4230-32-4	NIST98.L	33058	62	C10H1402	166
11,12-Dibromo-tetradecan-1-ol acetate	1000130-78-5	NIST98.L	158677	58	C16H30Br2O2	412



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Date : 25-AUG-2005 10:13

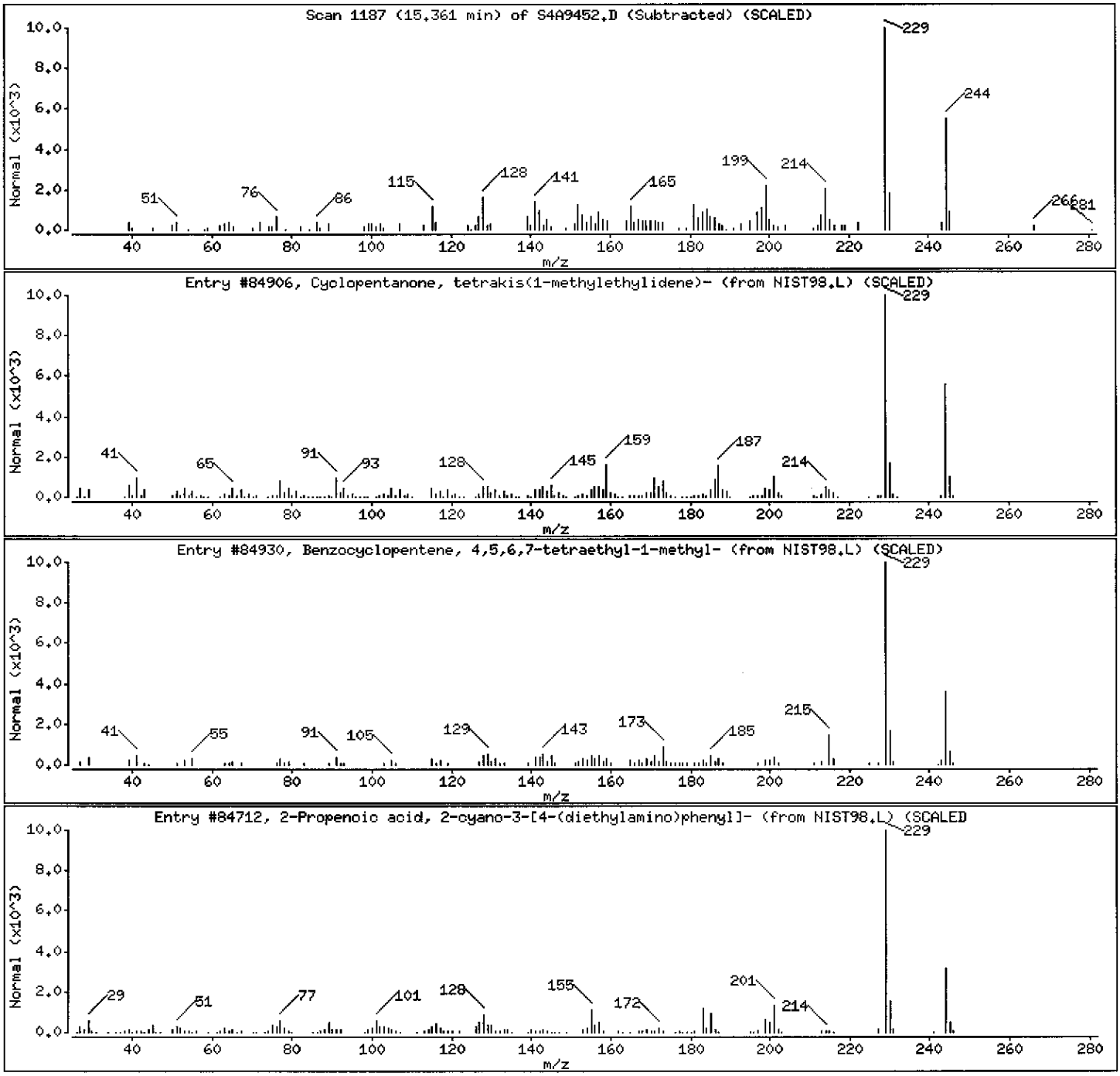
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclopentanone, tetrakis(1-methylethylid	96446-08-1	NIST98.L	84906	70	C17H240	244
Benzocyclopentene, 4,5,6,7-tetraethyl-1-	1000156-41-4	NIST98.L	84930	64	C18H28	244
2-Propenoic acid, 2-cyano-3-[4-(diethyla	1000115-72-8	NIST98.L	84712	64	C14H16N2O2	244



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Date : 25-AUG-2005 10:13

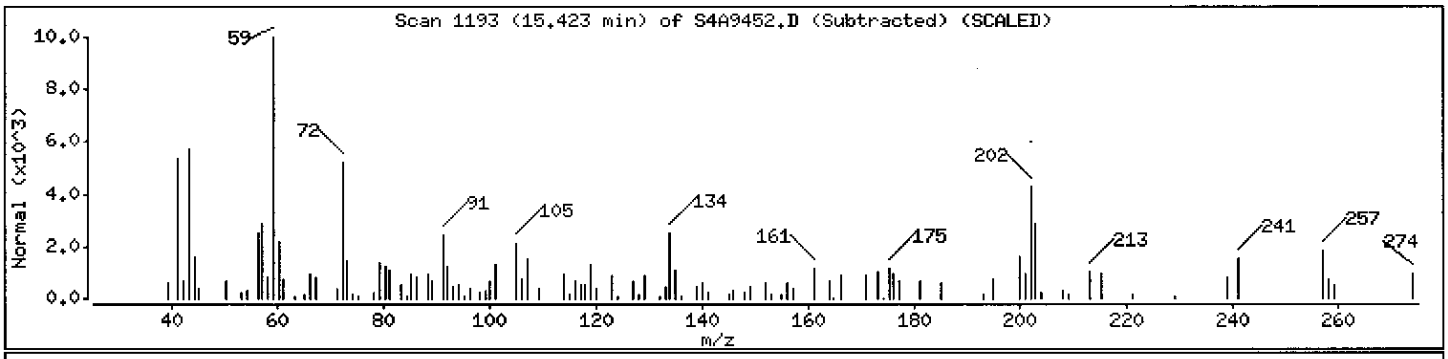
Client ID: SD03-S-0 Instrument: S4.i

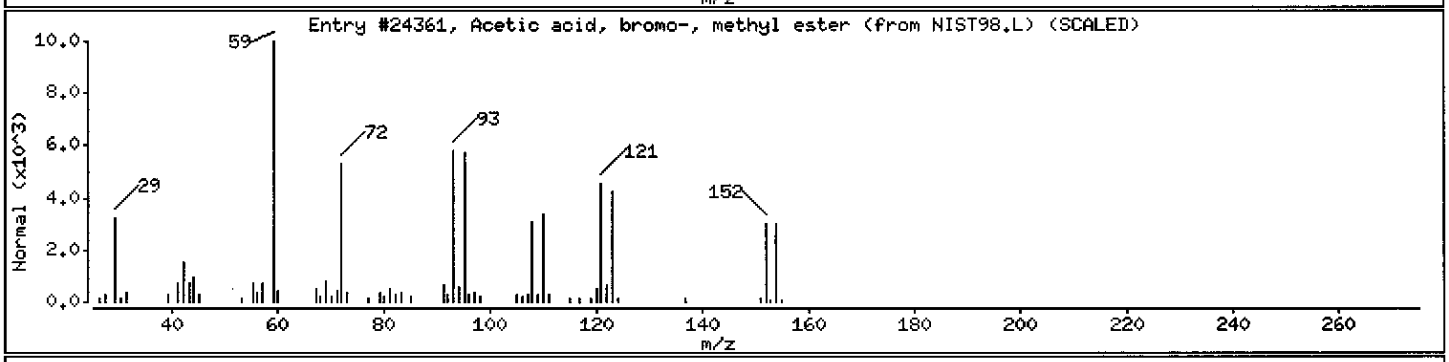
Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Acetic acid, bromo-, methyl ester	96-32-2	NIST98.L	24361	41	C3H5BrO2	152





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Date : 25-AUG-2005 10:13

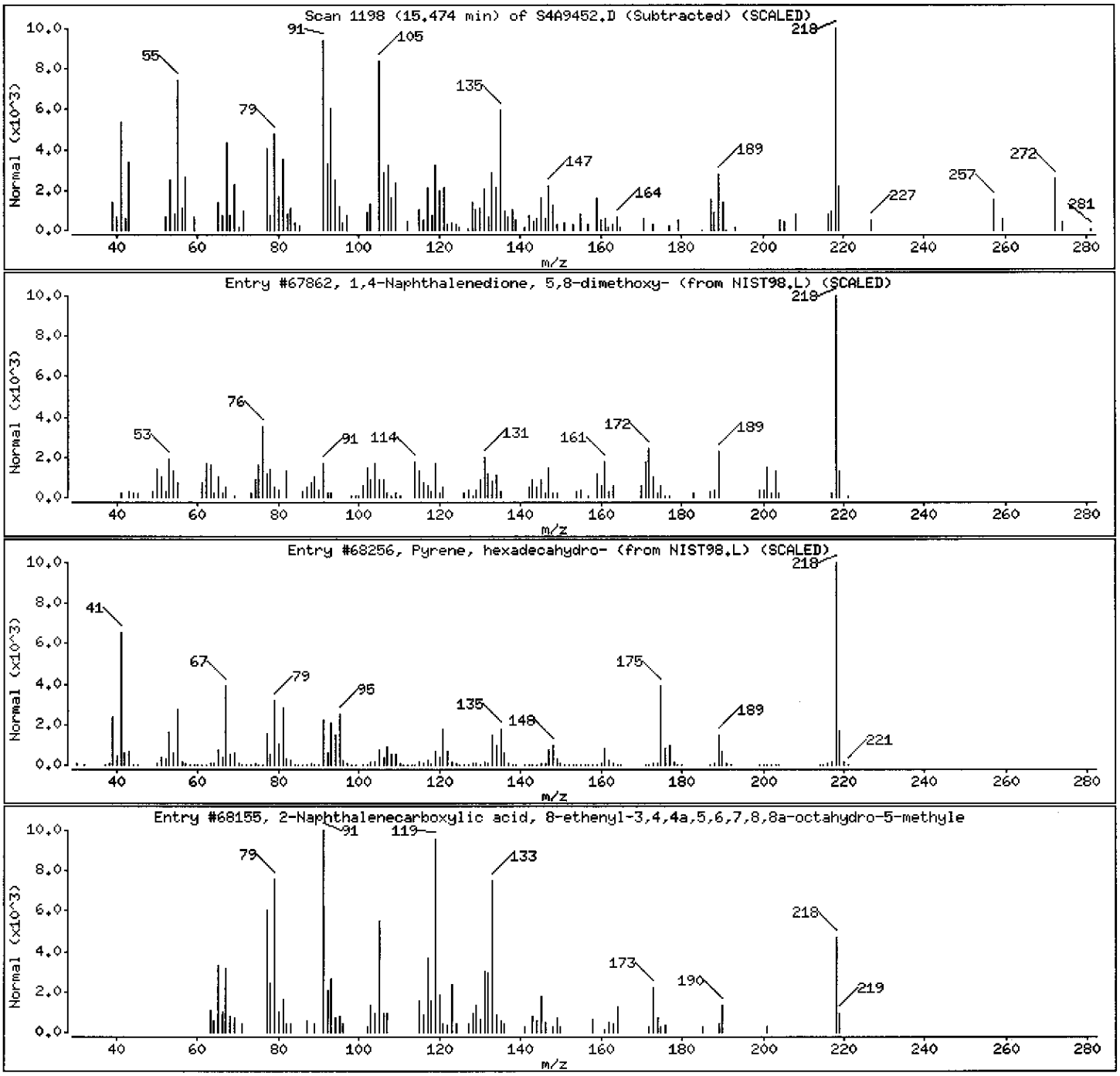
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1,4-Naphthalenedione, 5,8-dimethoxy-	15013-16-8	NIST98.L	67862	46	C12H1004	218
Pyrene, hexadecahydro-	2435-85-0	NIST98.L	68256	43	C16H26	218
2-Naphthalenecarboxylic acid, 8-ethenyl-	1451-36-1	NIST98.L	68155	41	C14H1802	218



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Date : 25-AUG-2005 10:13

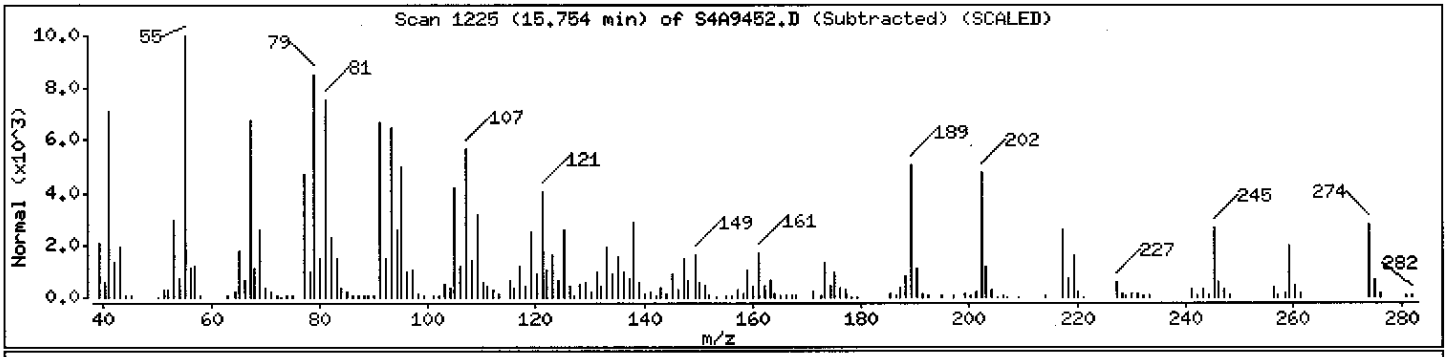
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 10:13

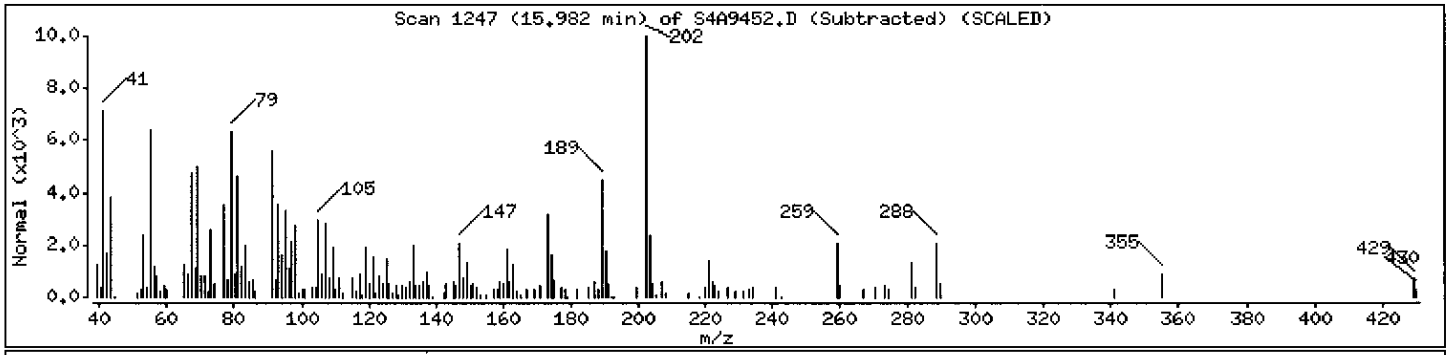
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 10:13

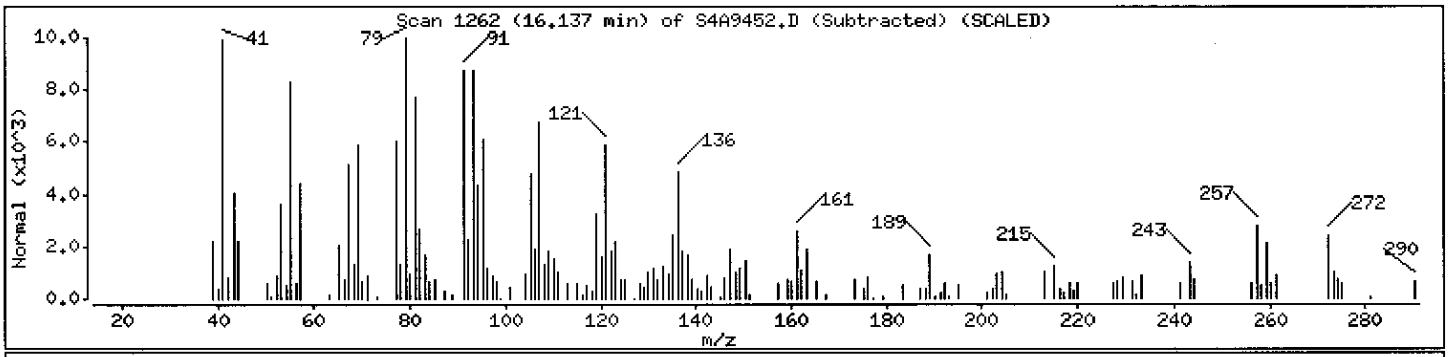
Client ID: SD03-S-0 Instrument: S4.i

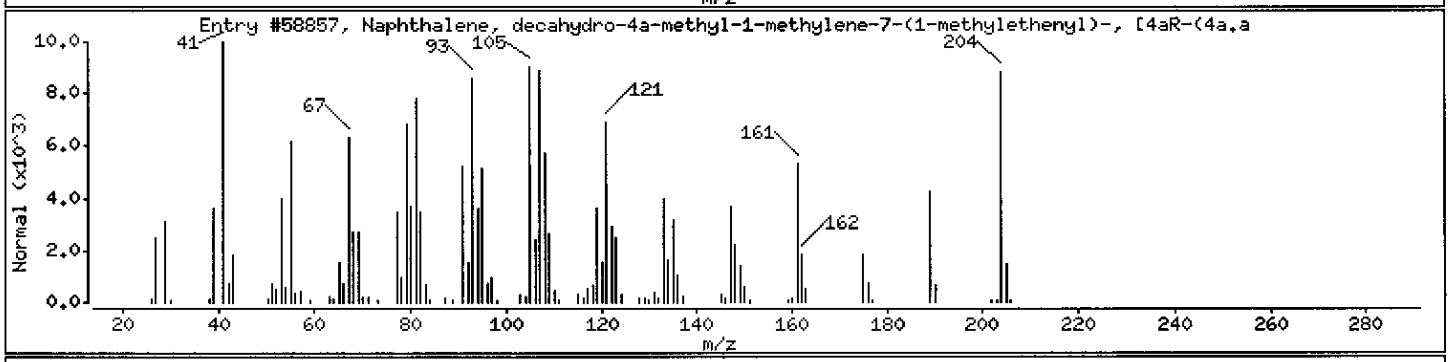
Sample Info: D0926-01A,,19468,,

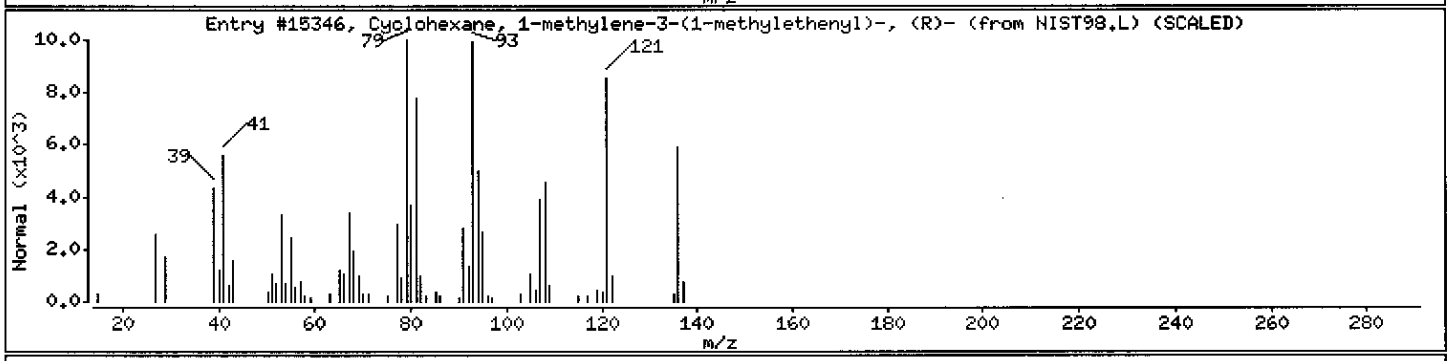
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

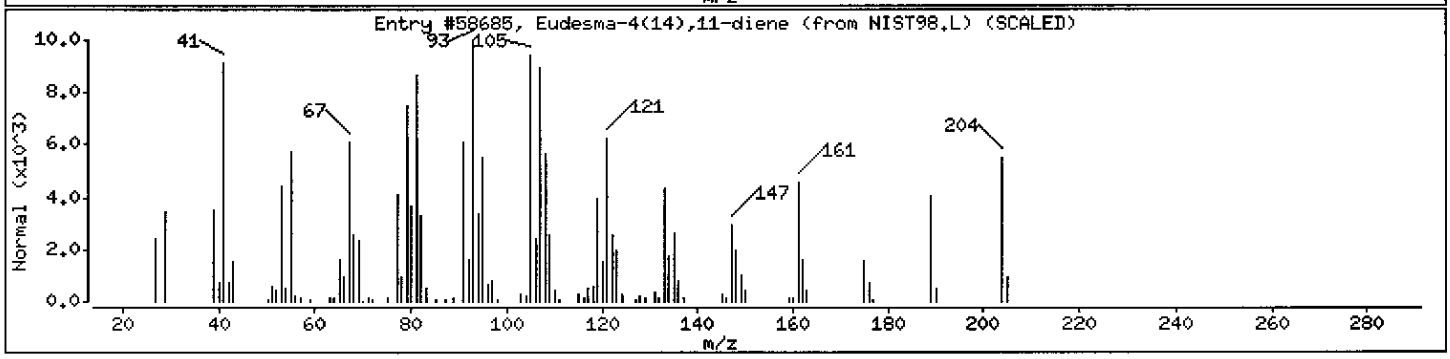
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, decahydro-4a-methyl-1-methy	17066-67-0	NIST98.L	58857	86	C15H24	204
Cyclohexane, 1-methylene-3-(1-methylethe	13837-95-1	NIST98.L	15346	72	C10H16	136
Eudesma-4(14),11-diene	1000152-04-3	NIST98.L	58685	70	C15H24	204









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Date : 25-AUG-2005 10:13

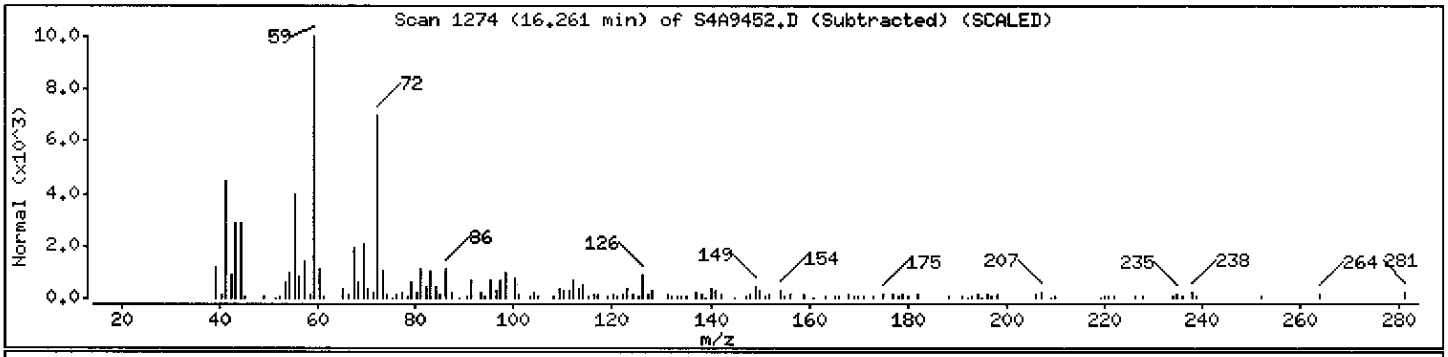
Client ID: SD03-S-0 Instrument: S4.i

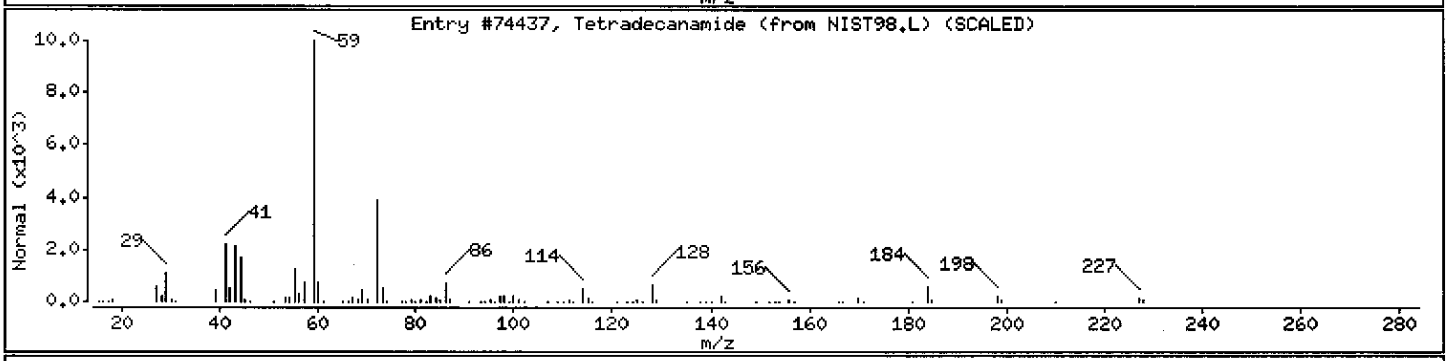
Sample Info: D0926-01A,,19468,,

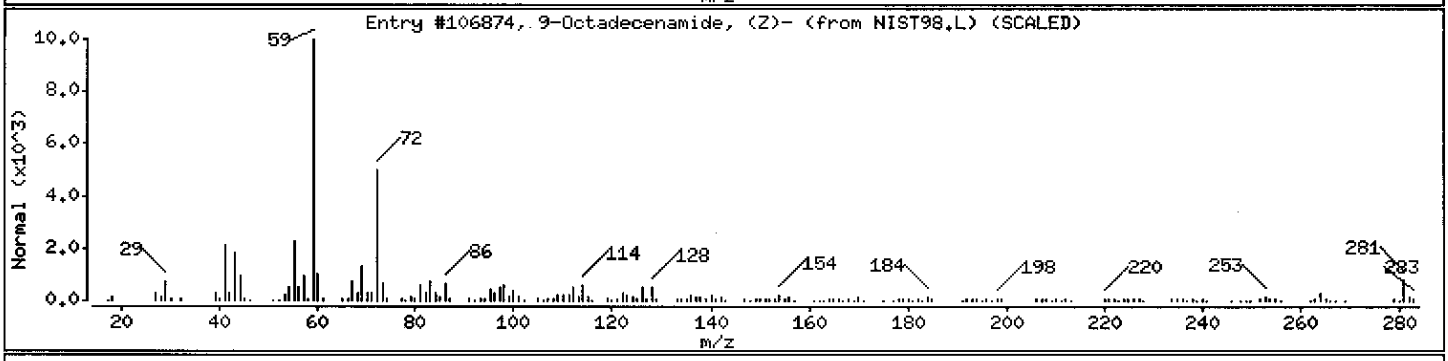
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

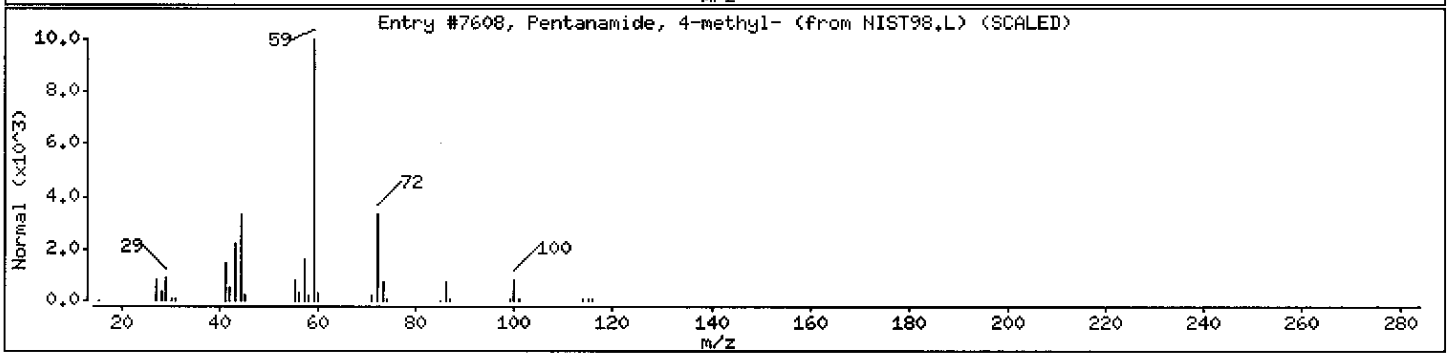
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Tetradecanamide	638-58-4	NIST98.L	74437	64	C14H29NO	227
9-Octadecenamide, (Z)-	301-02-0	NIST98.L	106874	64	C18H35NO	281
Pentanamide, 4-methyl-	1119-29-5	NIST98.L	7608	58	C6H13NO	115









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Date : 25-AUG-2005 10:13

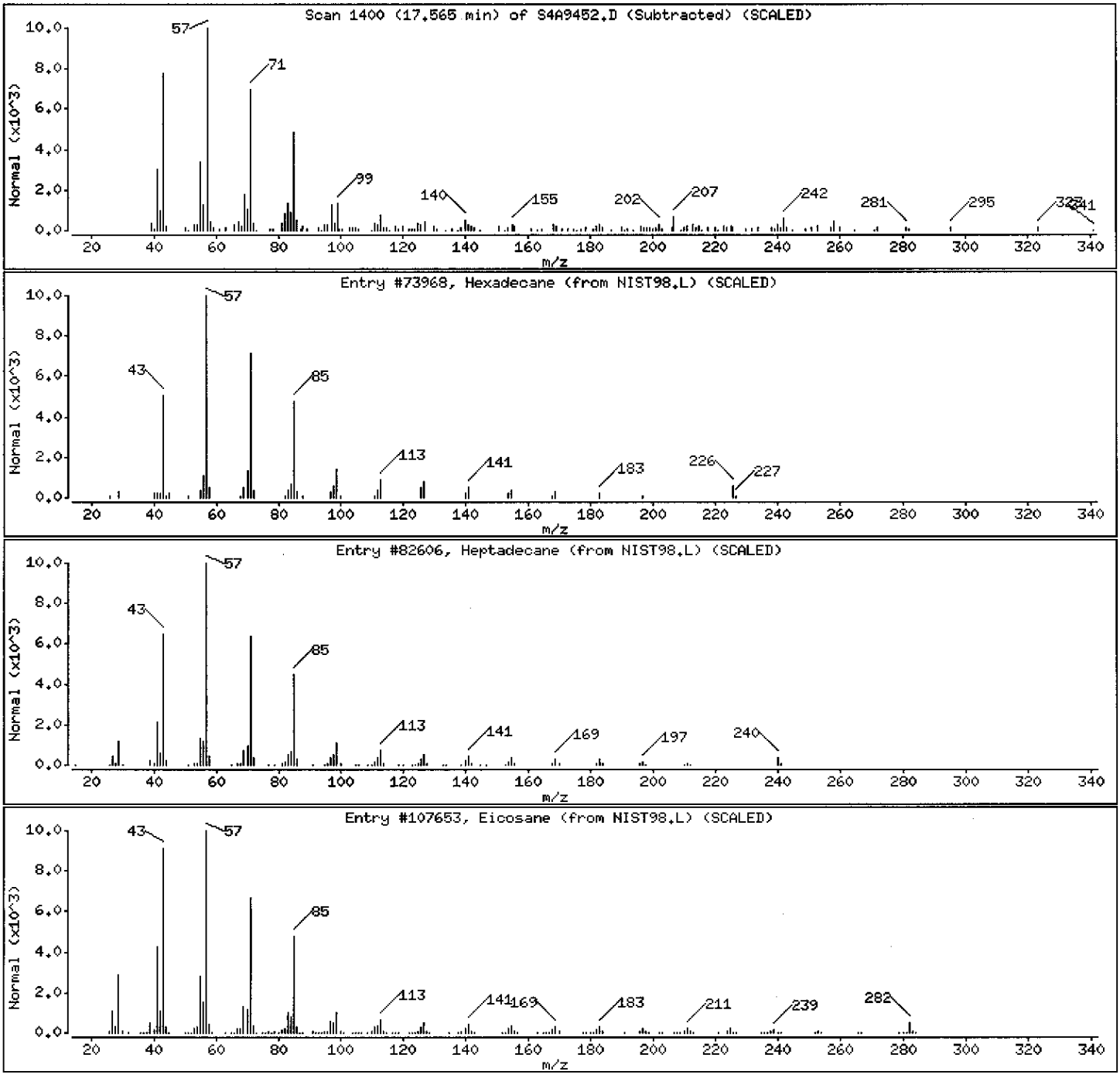
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Hexadecane	544-76-3	NIST98.L	73968	93	C16H34	226
Heptadecane	629-78-7	NIST98.L	82606	93	C17H36	240
Eicosane	112-95-8	NIST98.L	107653	87	C20H42	282



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Date : 25-AUG-2005 10:13

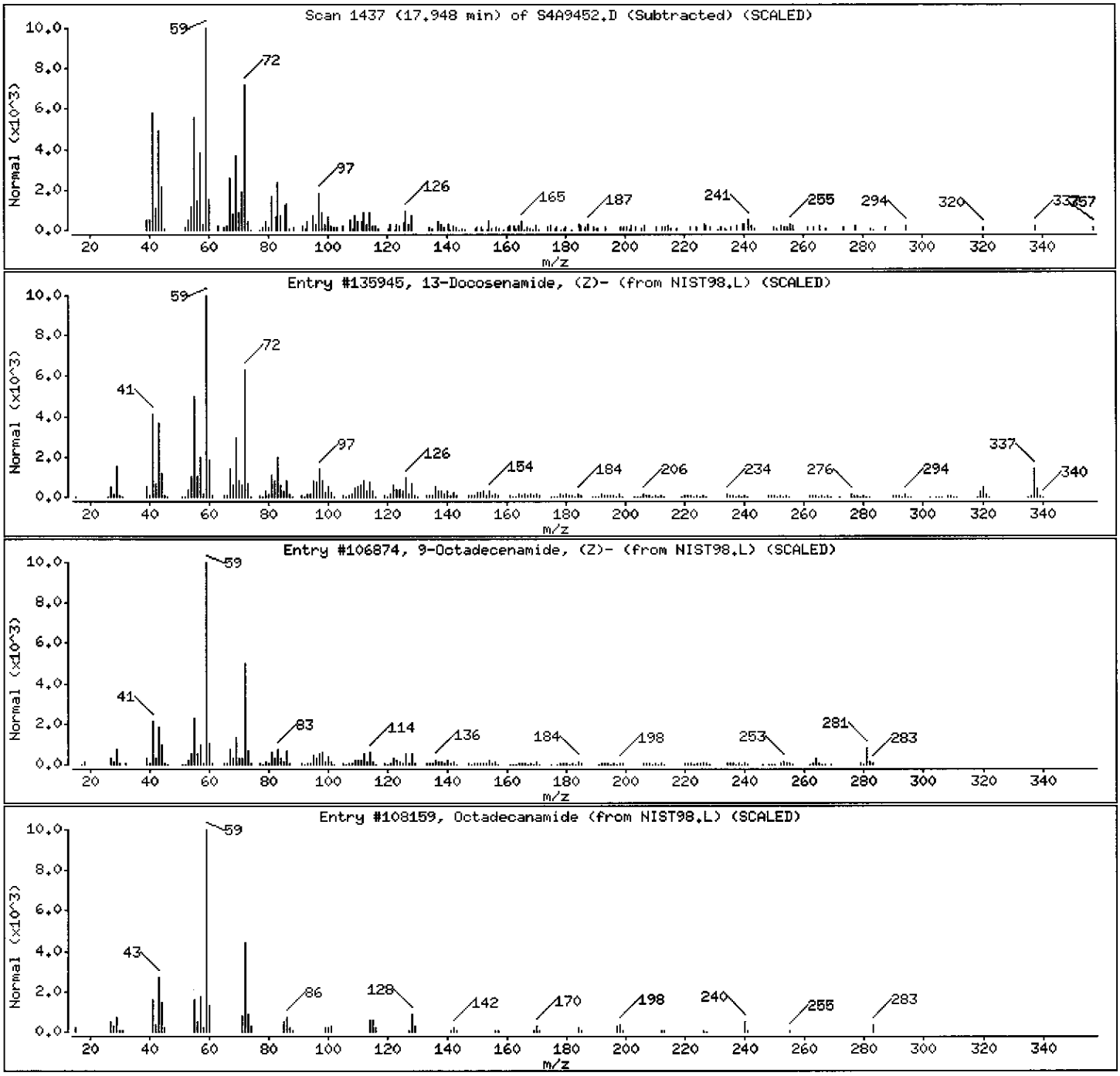
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
13-Docosenamide, (Z)-	112-84-5	NIST98.L	135945	93	C22H43NO	337
9-Octadecenamide, (Z)-	301-02-0	NIST98.L	106874	68	C18H35NO	281
Octadecanamide	124-26-5	NIST98.L	108159	53	C18H37NO	283



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Date : 25-AUG-2005 10:13

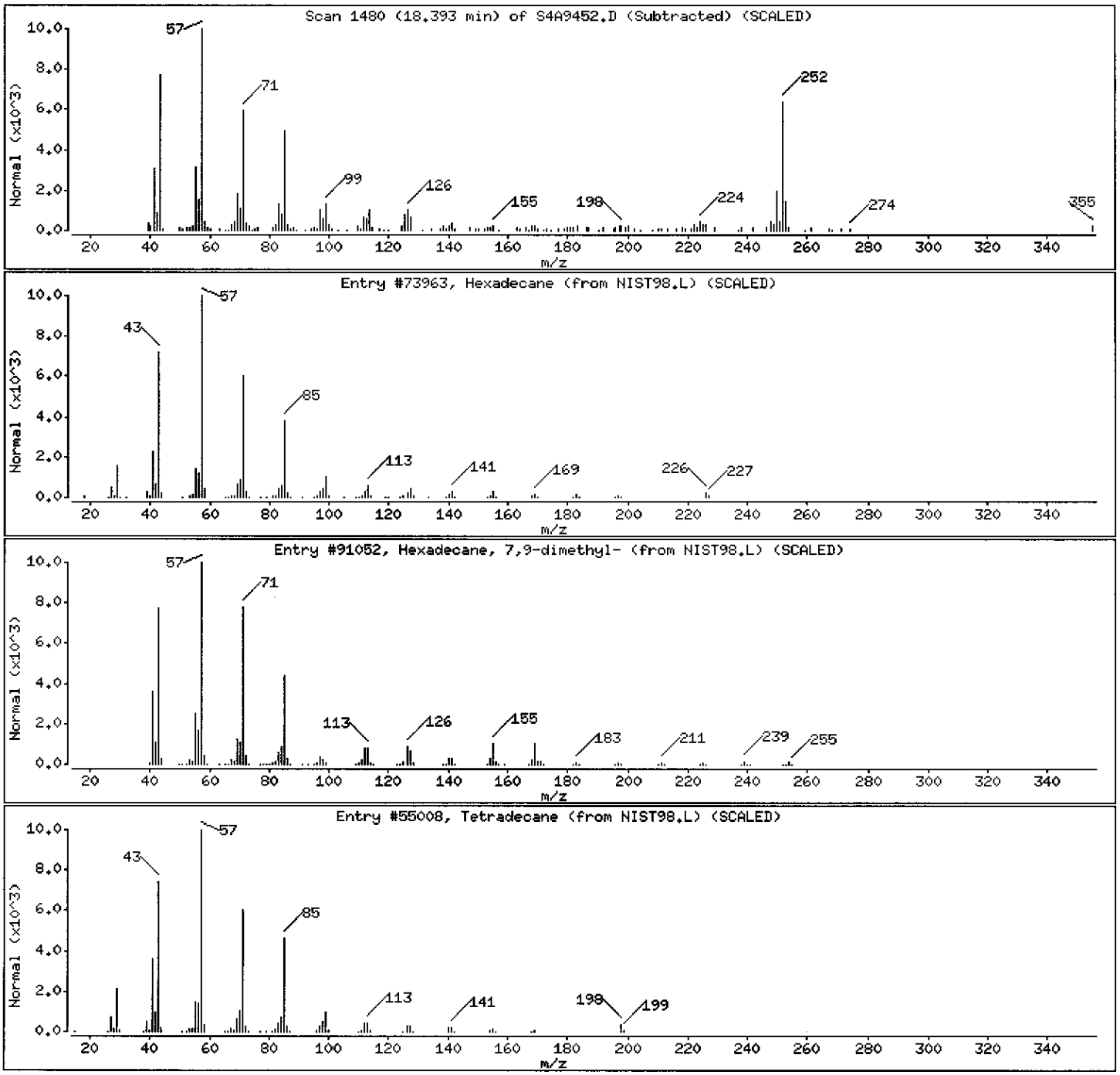
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Hexadecane	544-76-3	NIST98.L	73963	95	C16H34	226
Hexadecane, 7,9-dimethyl-	21164-95-4	NIST98.L	91052	87	C18H38	254
Tetradecane	629-59-4	NIST98.L	55008	86	C14H30	198



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Date : 25-AUG-2005 10:13

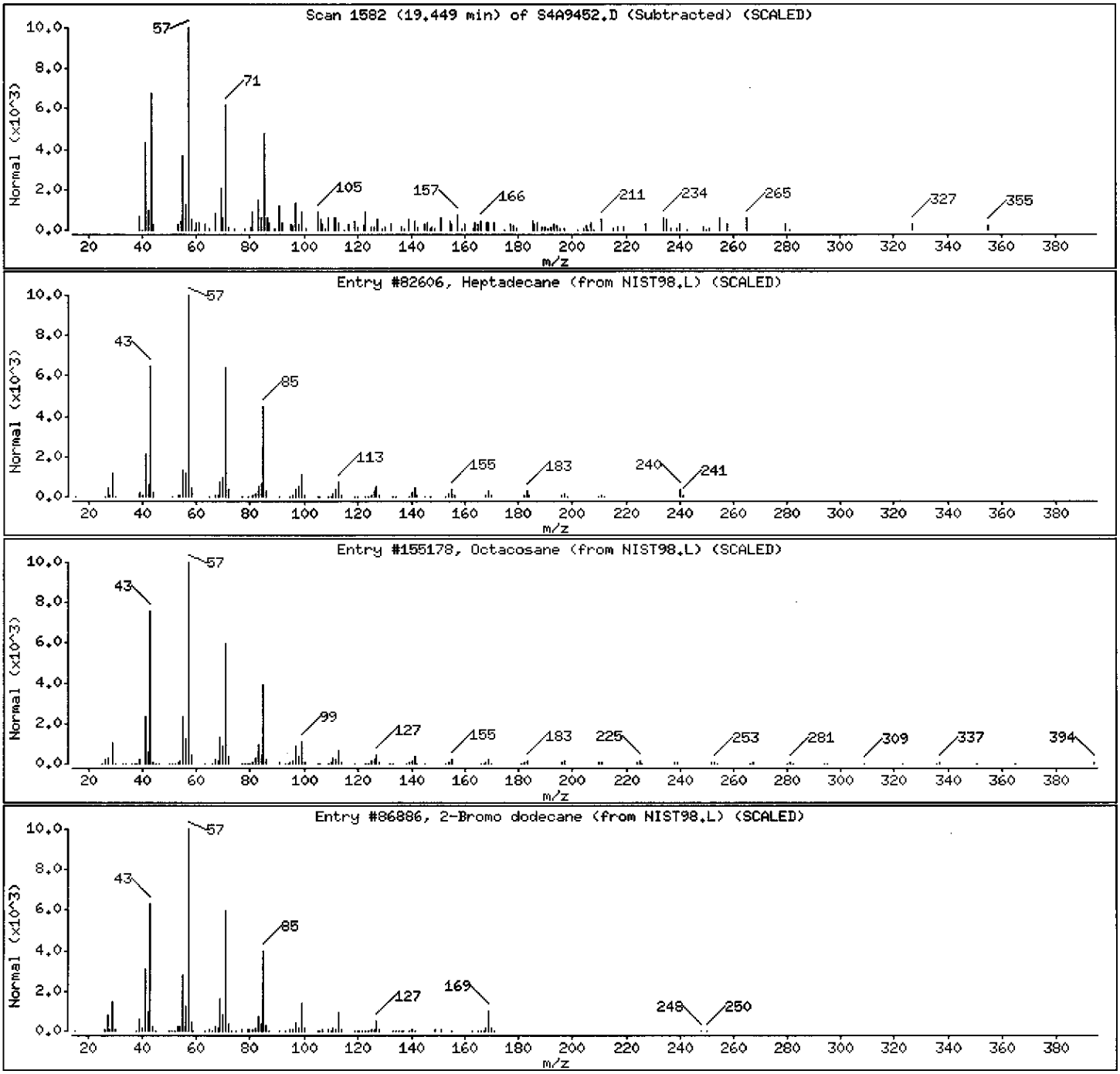
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Heptadecane	629-78-7	NIST98.L	82606	89	C17H36	240
Octacosane	630-02-4	NIST98.L	155178	72	C28H58	394
2-Bromo dodecane	13187-99-0	NIST98.L	86886	64	C12H25Br	248



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Date : 25-AUG-2005 10:13

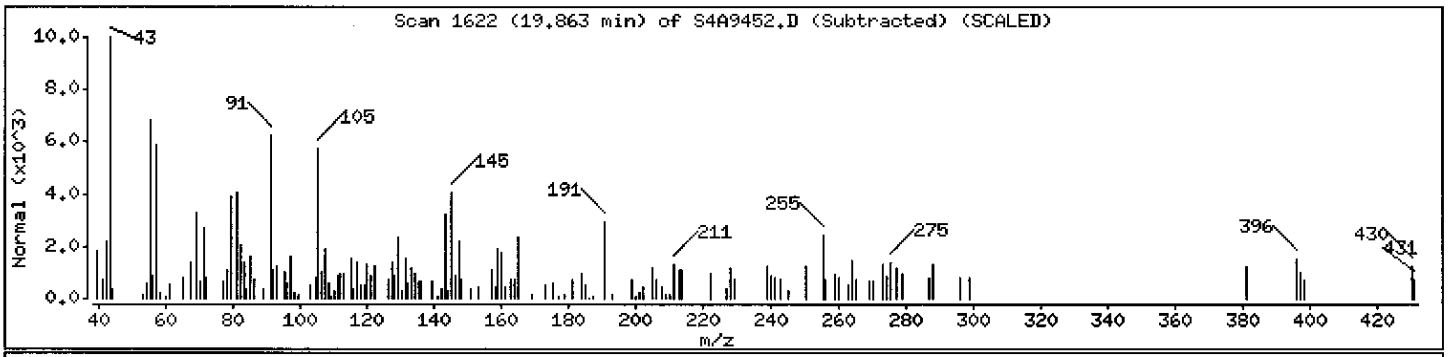
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 10:13

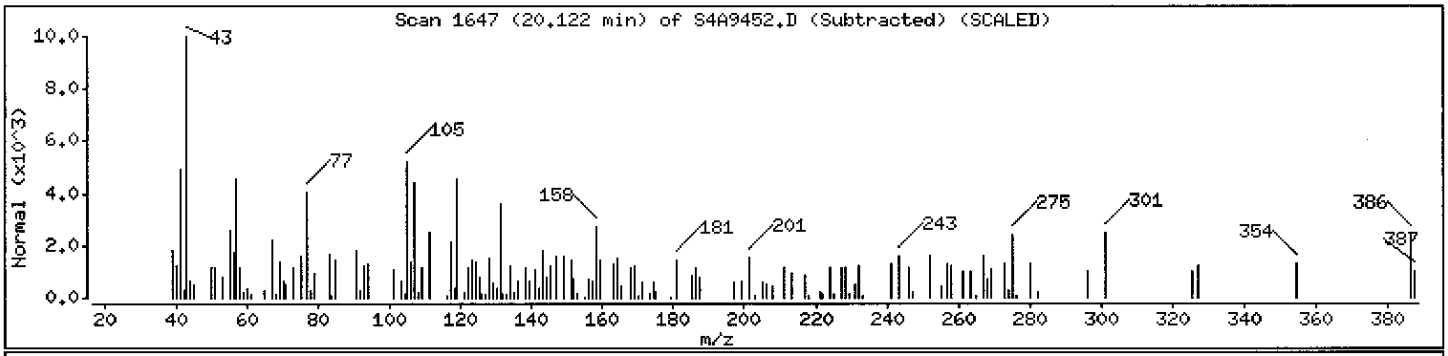
Client ID: SD03-S-0 Instrument: S4.i

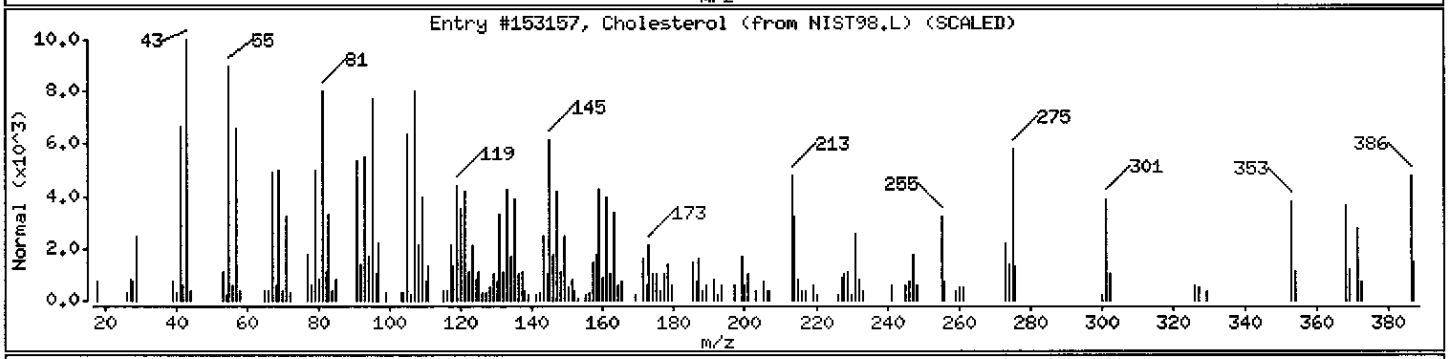
Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cholesterol	57-88-5	NIST98.L	153157	64	C27H46O	386





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Date : 25-AUG-2005 10:13

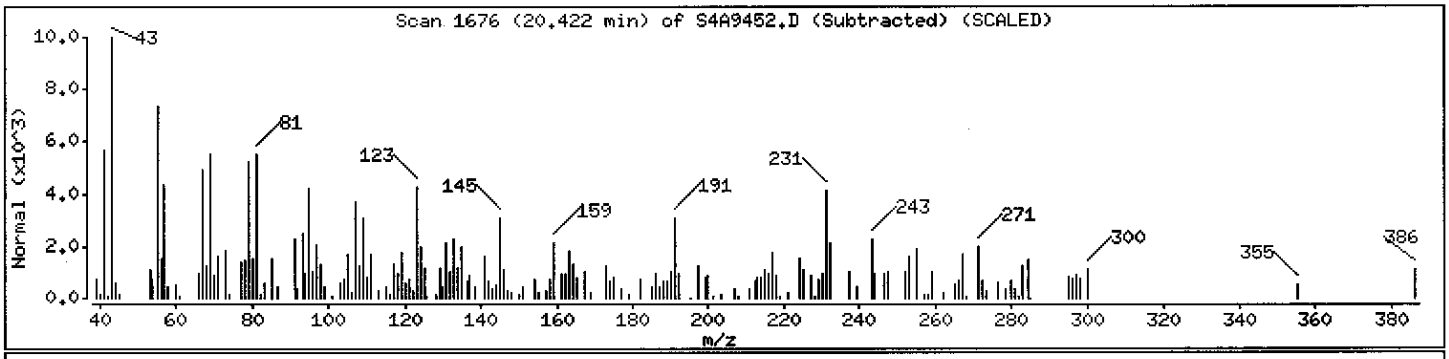
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 10:13

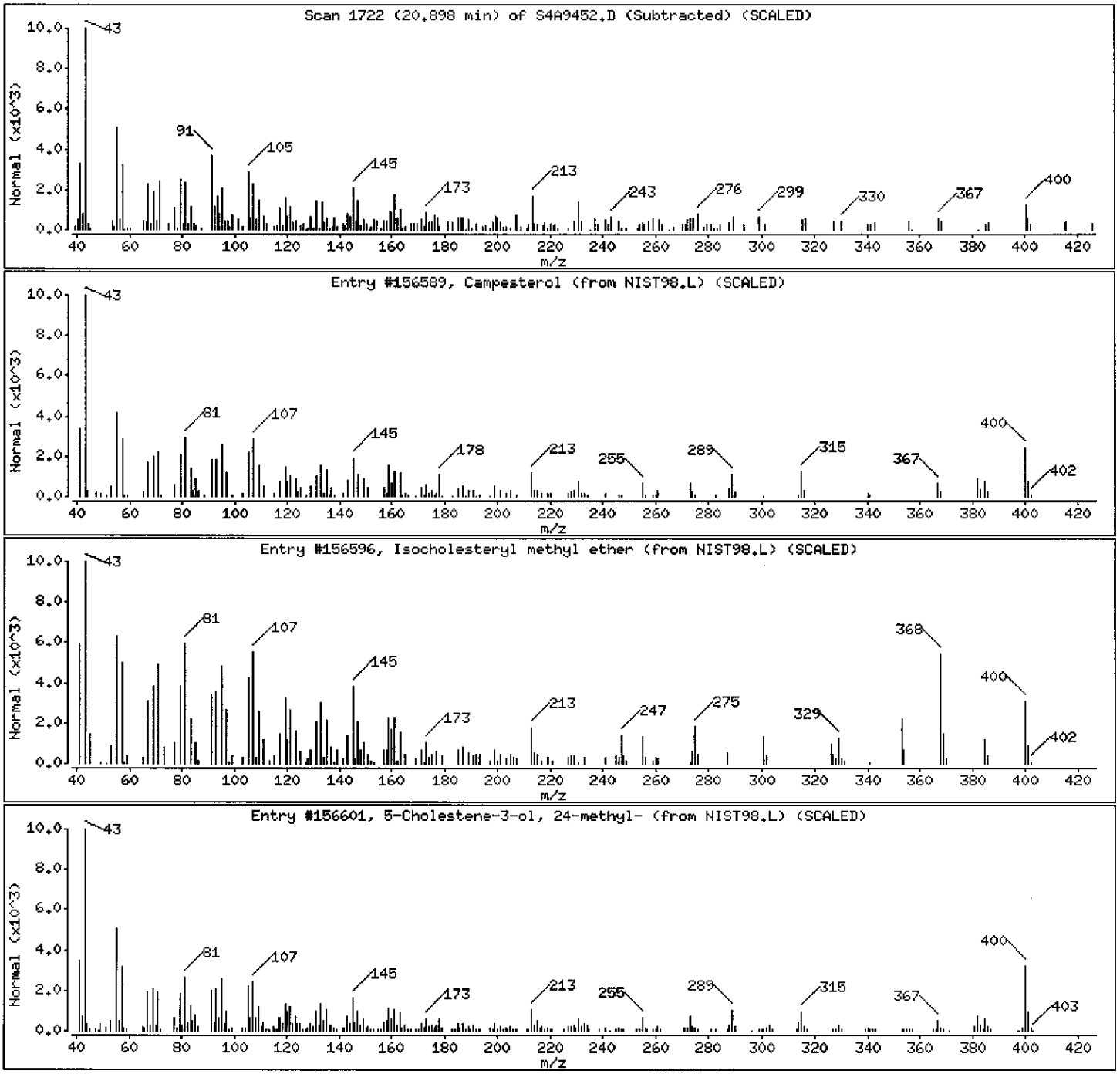
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Campesterol	474-62-4	NIST98.L	156589	91	C28H480	400
Isocholesteryl methyl ether	29944-53-4	NIST98.L	156596	76	C28H480	400
5-Cholestene-3-ol, 24-methyl-	1000214-17-4	NIST98.L	156601	70	C28H480	400



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Date : 25-AUG-2005 10:13

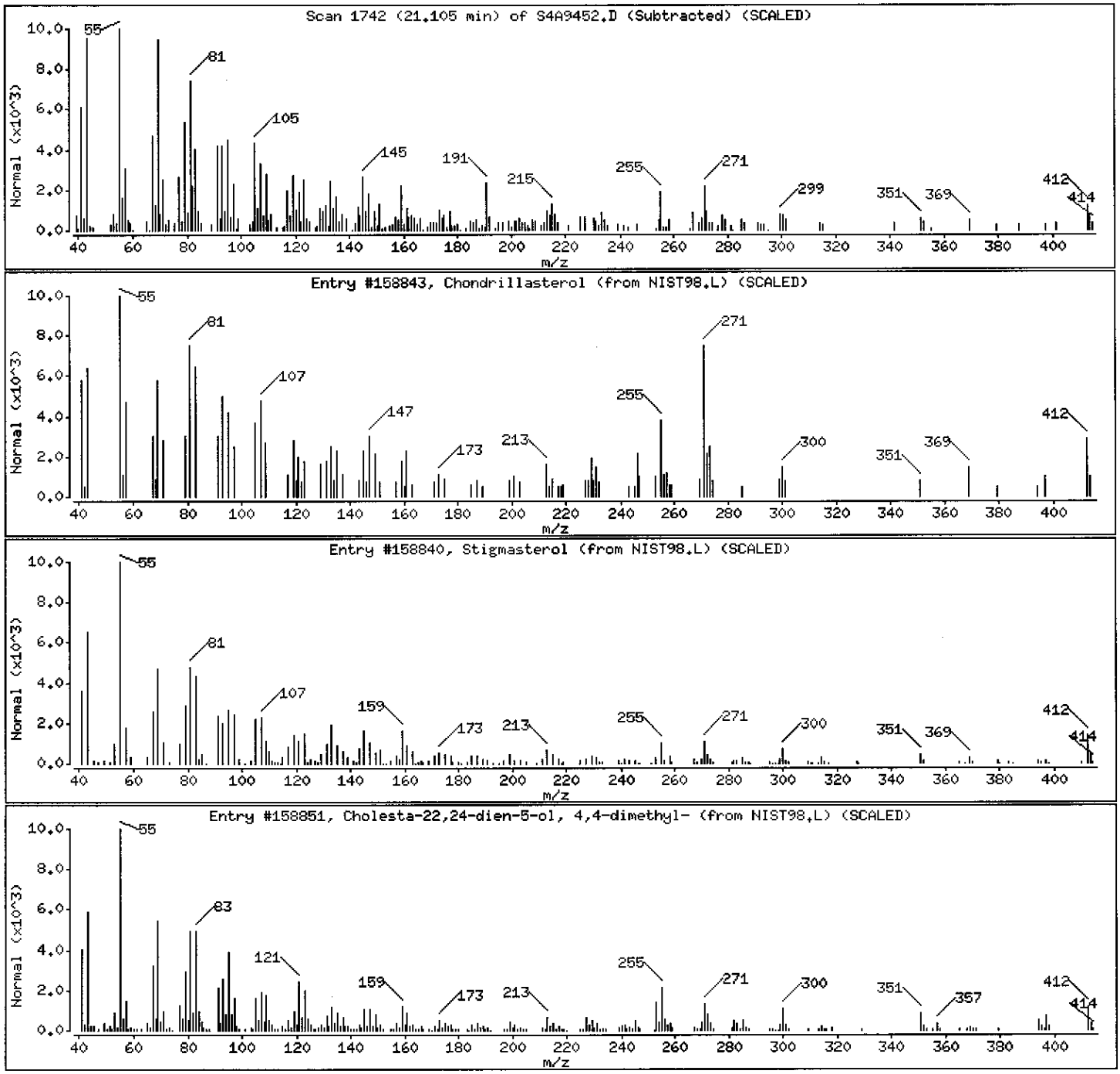
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Chondrillasterol	481-17-4	NIST98.L	158843	70	C29H48O	412
Stigmasterol	83-48-7	NIST98.L	158840	56	C29H48O	412
Cholesta-22,24-dien-5-ol, 4,4-dimethyl-	1000128-66-1	NIST98.L	158851	45	C29H48O	412



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Date : 25-AUG-2005 10:13

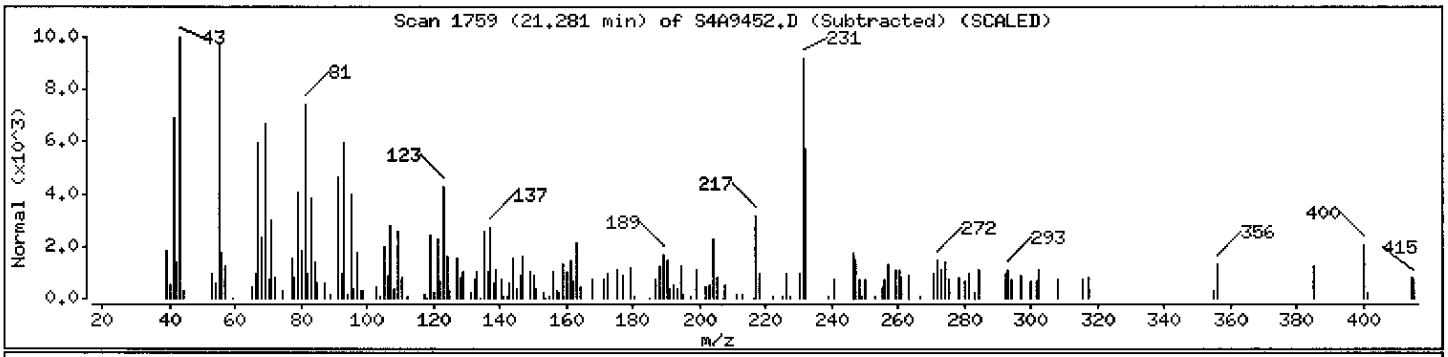
Client ID: SD03-S-0 Instrument: S4.i

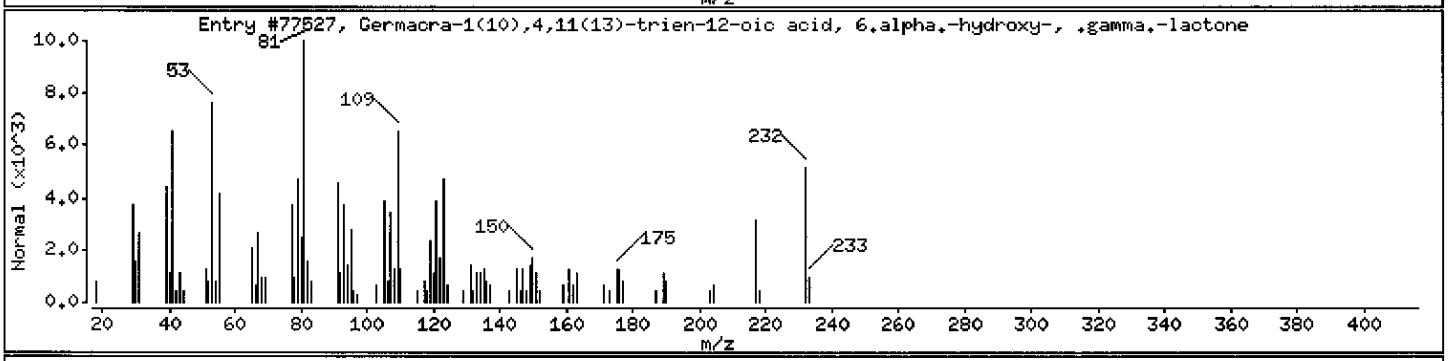
Sample Info: D0926-01A,,19468,,

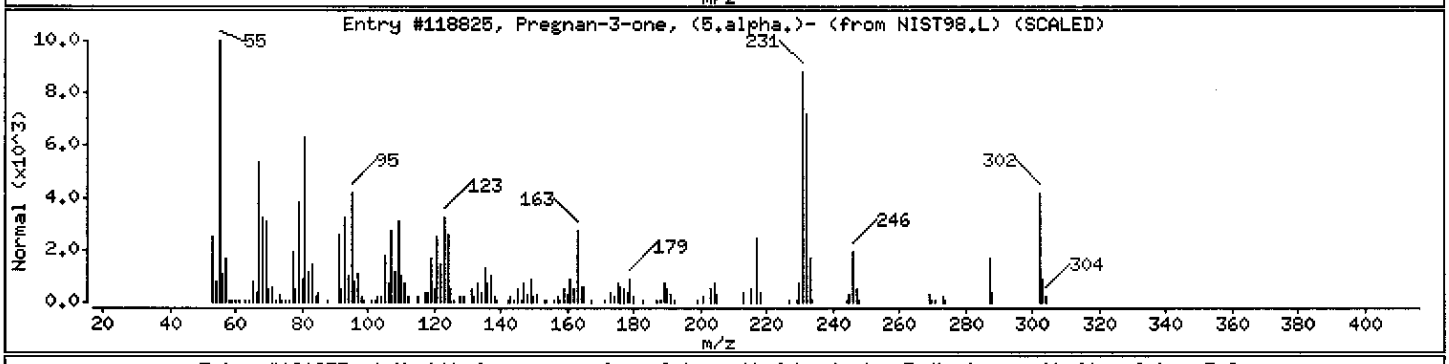
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

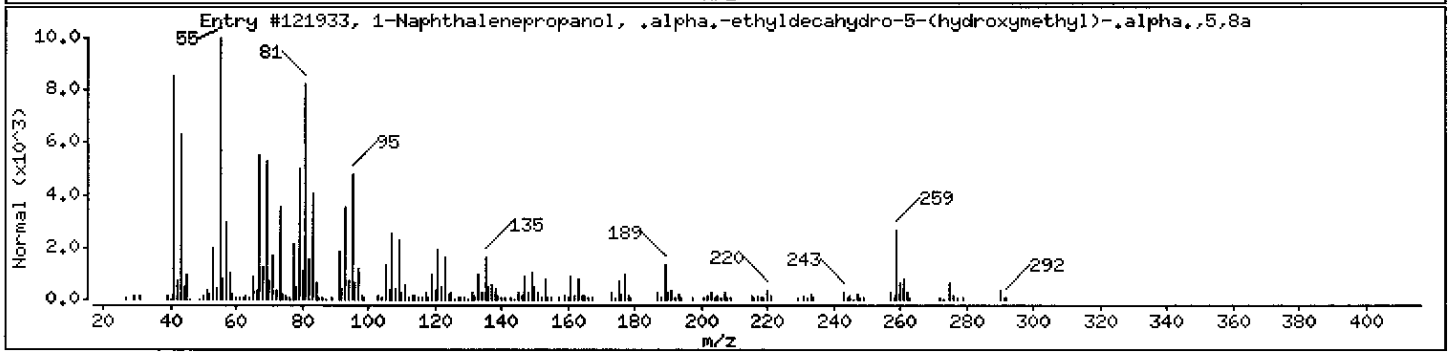
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Germacra-1(10),4,11(13)-trien-12-oic aci	553-21-9	NIST98.L	77527	55	C15H2002	232
Pregnan-3-one, (5.alpha.)-	14778-11-1	NIST98.L	118825	49	C21H340	302
1-Naphthalenepropanol, .alpha.-ethyldeca	72401-52-6	NIST98.L	121933	42	C20H3602	308









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Date : 25-AUG-2005 10:13

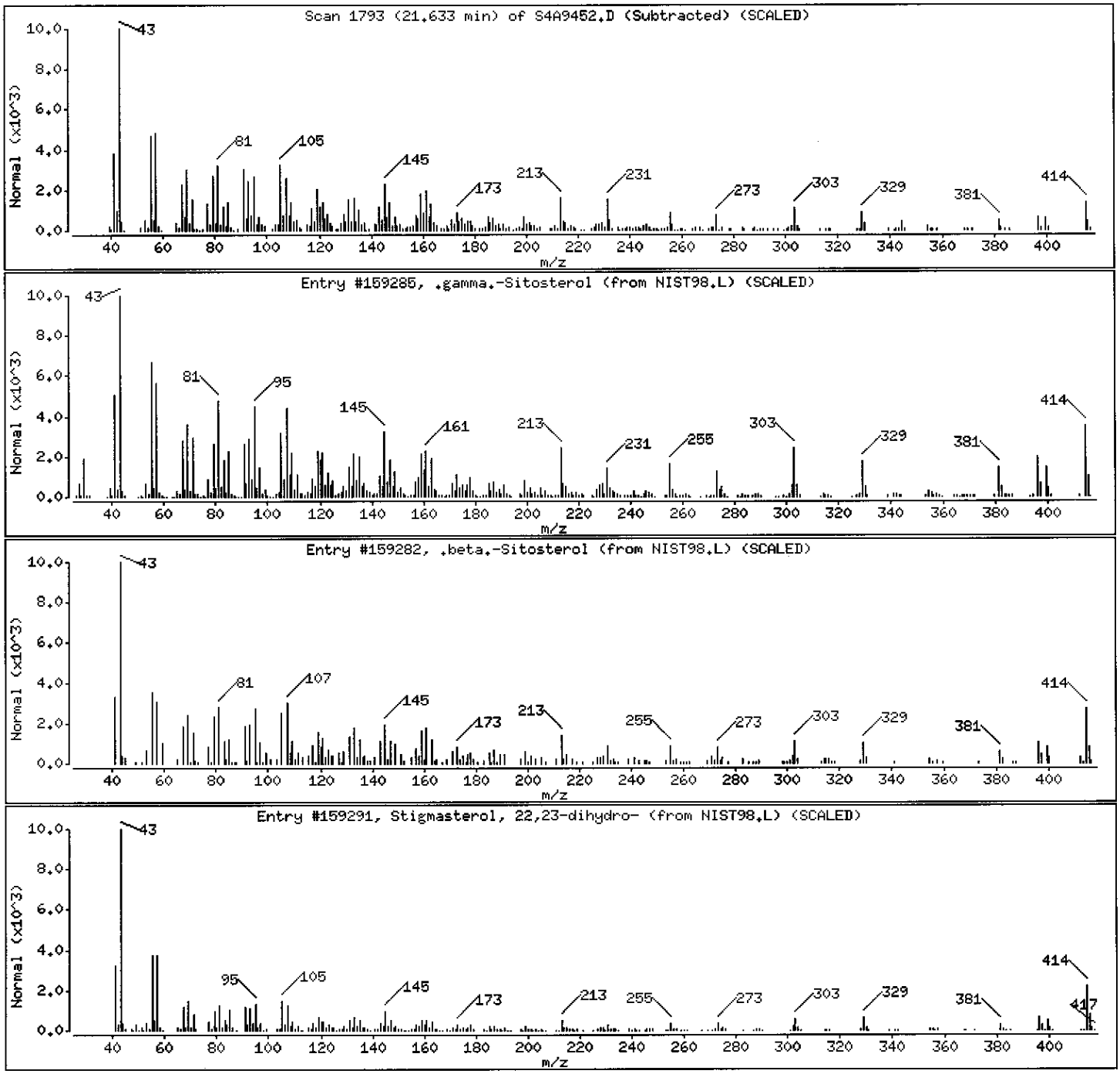
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.gamma.-Sitosterol	83-47-6	NIST98.L	159285	98	C29H50O	414
.beta.-Sitosterol	83-46-5	NIST98.L	159282	95	C29H50O	414
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST98.L	159291	94	C29H50O	414



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Date : 25-AUG-2005 10:13

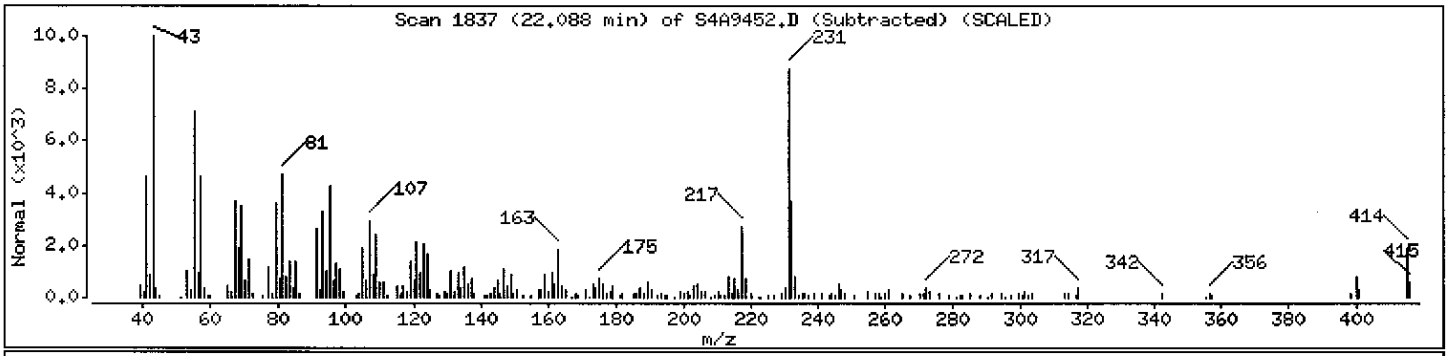
Client ID: SD03-S-0 Instrument: S4.i

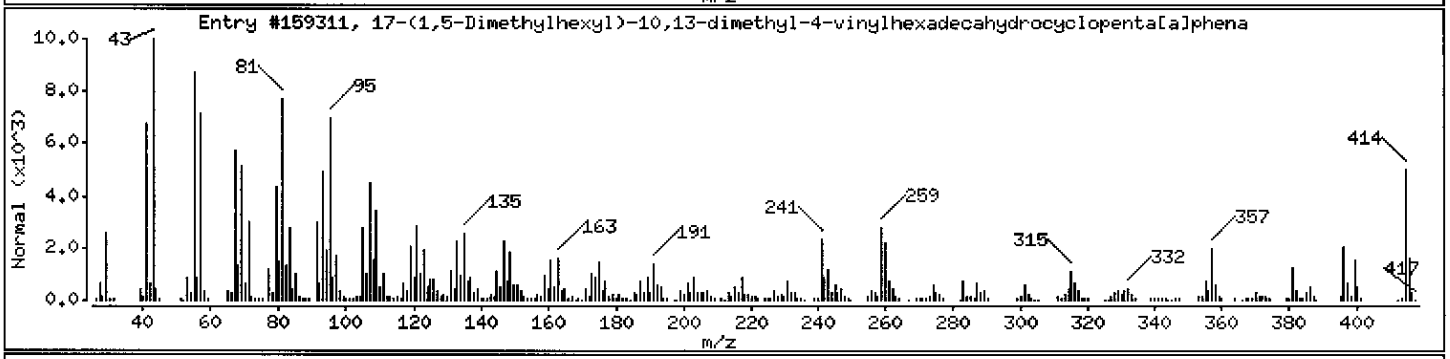
Sample Info: D0926-01A,,19468,,

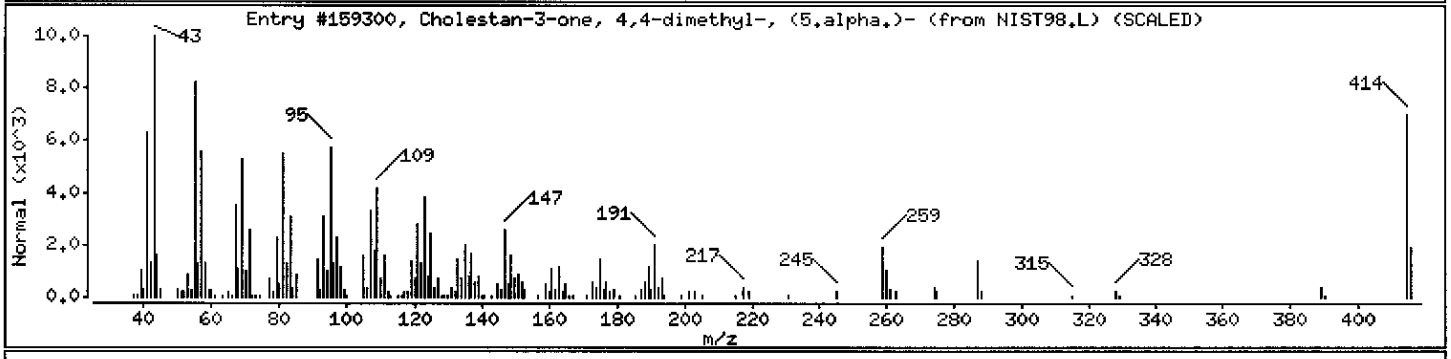
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
17-(1,5-Dimethylhexyl)-10,13-dimethyl-4-	1000210-86-9	NIST98.L	159311	81	C29H500	414
Cholestan-3-one, 4,4-dimethyl-, (5.alpha	2097-85-0	NIST98.L	159300	59	C29H500	414







Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D

Date : 25-AUG-2005 10:13

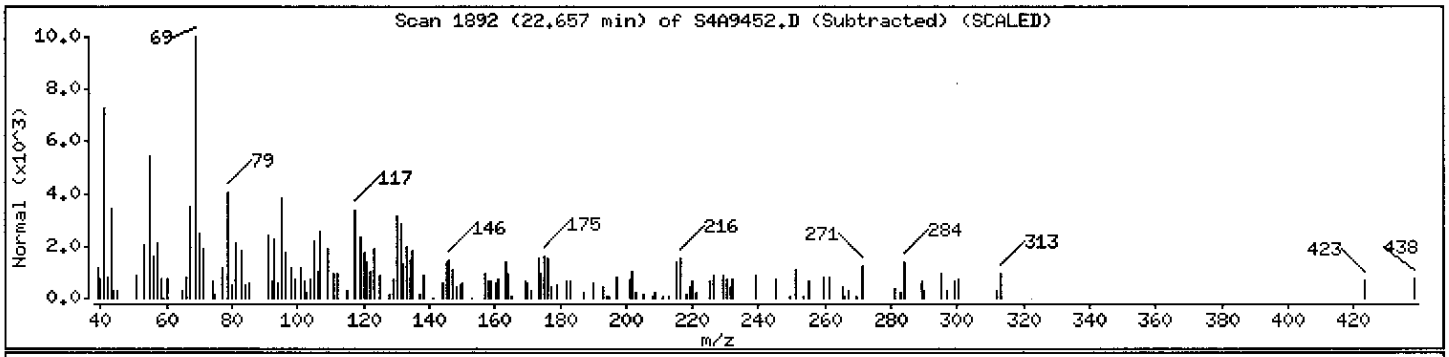
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 10:13

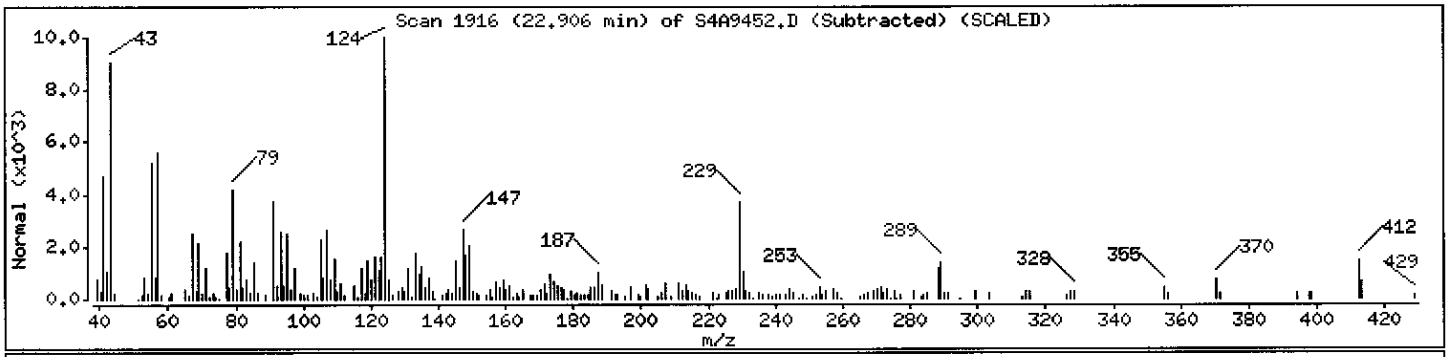
Client ID: SD03-S-0 Instrument: S4.i

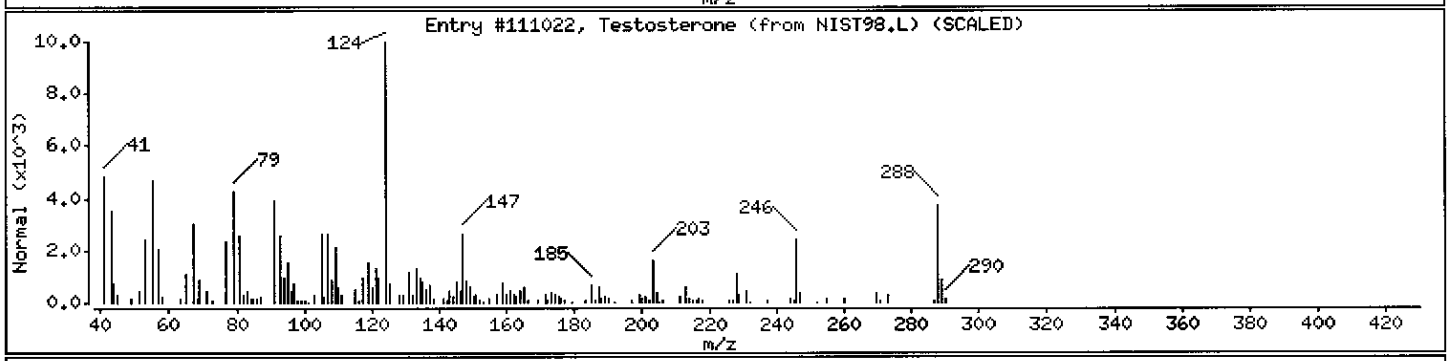
Sample Info: D0926-01A,,19468,,

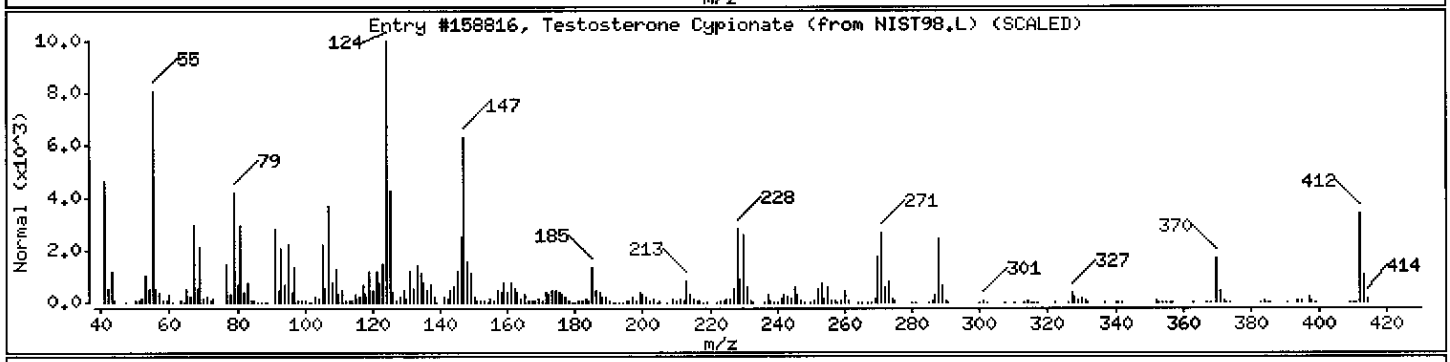
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Testosterone	58-22-0	NIST98.L	111022	64	C19H28O2	288
Testosterone Cypionate	58-20-8	NIST98.L	158816	41	C27H40O3	412







Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9452.D

Date : 25-AUG-2005 10:13

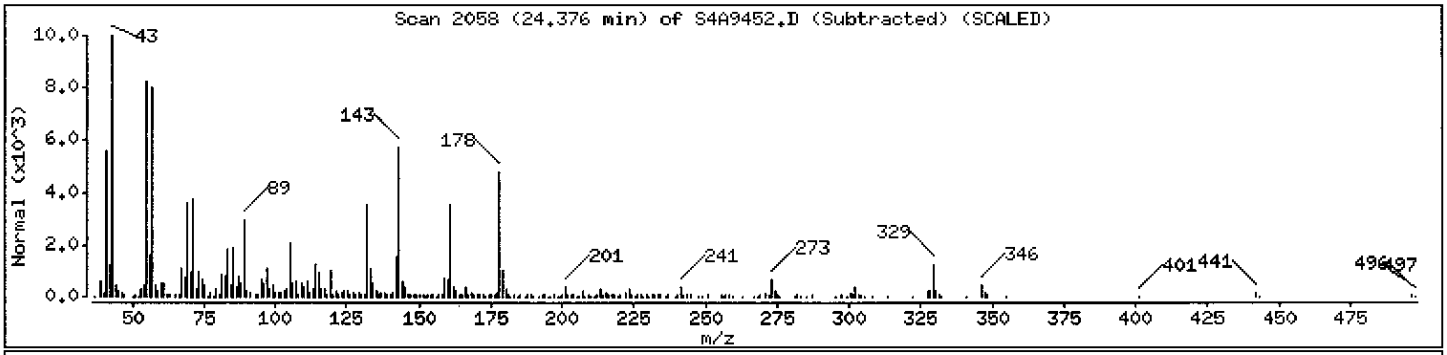
Client ID: SD03-S-0 Instrument: S4.i

Sample Info: D0926-01A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD04-S-O

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-14A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9431

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 71 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)Ether	1100	U
95-57-8	2-Chlorophenol	1100	U
95-48-7	2-Methylphenol	1100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1100	U
98-86-2	Acetophenone	1100	U
106-44-5	4-Methylphenol	1100	U
621-64-7	N-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
105-60-2	Caprolactam	1100	U
59-50-7	4-Chloro-3-Methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
95-95-4	2,4,5-Trichlorophenol	2900	U
92-52-4	1,1'-Biphenyl	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	2900	U
131-11-3	Dimethylphthalate	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
208-96-8	Acenaphthylene	1100	U
99-09-2	3-Nitroaniline	2900	U
83-32-9	Acenaphthene	1100	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD04-S-O

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-14A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9431

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 71 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	2900	U
100-02-7	4-Nitrophenol	2900	U
132-64-9	Dibenzofuran	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	2900	U
534-52-1	4,6-Dinitro-2-methylphenol	2900	U
86-30-6	N-Nitrosodiphenylamine (1)	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
1912-24-9	Atrazine	1100	U
87-86-5	Pentachlorophenol	2900	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
86-74-8	Carbazole	1100	U
84-74-2	Di-n-butylphthalate	1100	U
206-44-0	Fluoranthene	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
56-55-3	Benzo(a)anthracene	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	130	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo(b)fluoranthene	1100	U
207-08-9	Benzo(k)fluoranthene	1100	U
50-32-8	Benzo(a)pyrene	1100	U
193-39-5	Indeno(1,2,3-cd)pyrene	1100	U
53-70-3	Dibenzo(a,h)anthracene	1100	U
191-24-2	Benzo(g,h,i)perylene	1100	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD04-S-O

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-14A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9431

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 71 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

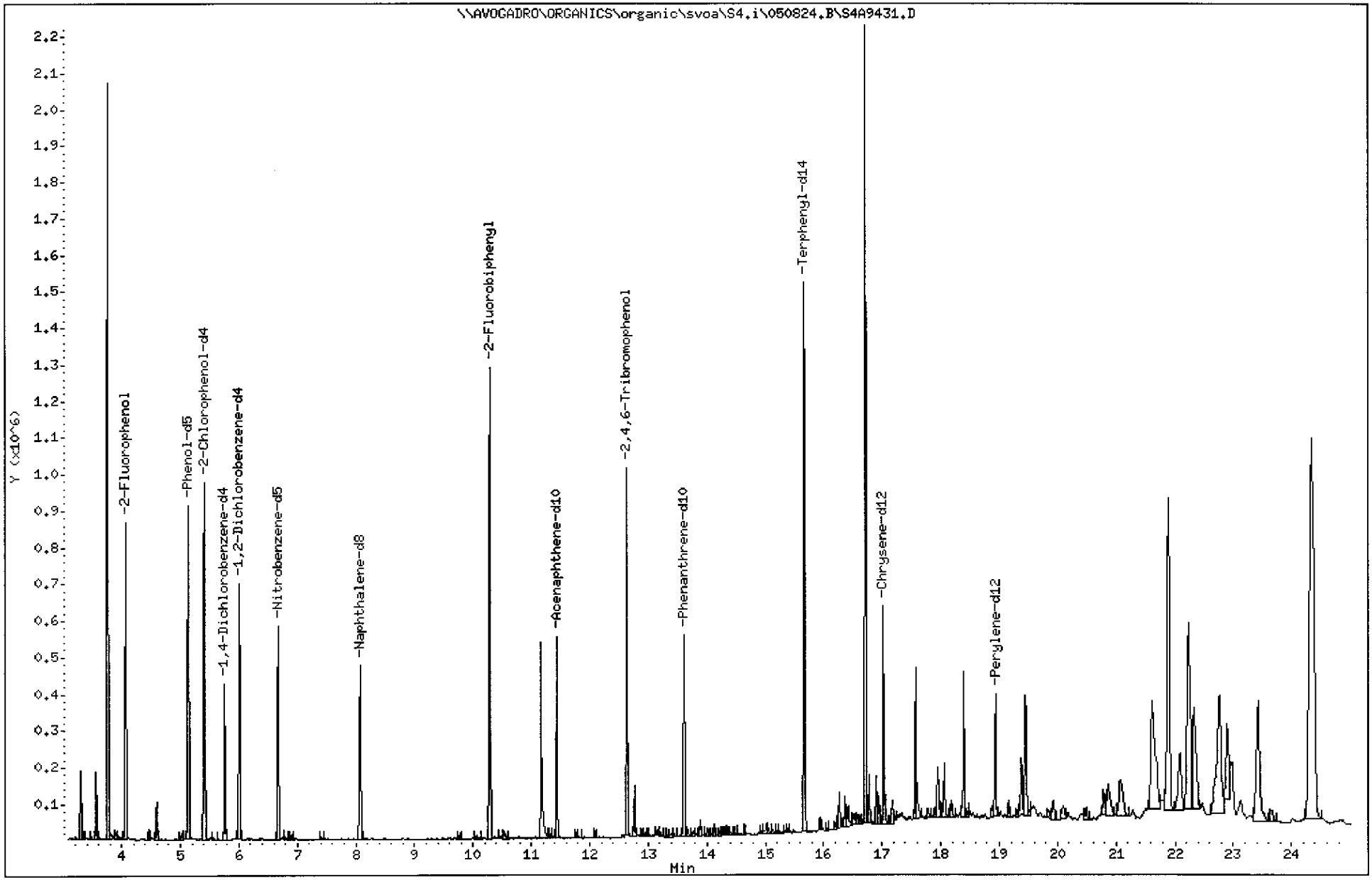
GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

Number TICs found: 24

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	16.26	430	J
2.		UNKNOWN	16.36	340	J
3.		UNKNOWN	16.43	340	J
4.		UNKNOWN	16.90	510	J
5.		UNKNOWN	17.60	730	J
6.	111-02-4	2,6,10,14,18,22-TETRACOSAHEX	18.06	890	NJ
7.		UNKNOWN	18.19	380	J
8.	7390-81-0	OXIRANE, HEXADECYL-	19.16	300	NJ
9.		UNKNOWN	19.38	1200	J
10.		UNKNOWN	19.92	580	J
11.		UNKNOWN	20.10	410	J
12.		UNKNOWN	20.48	300	J
13.		UNKNOWN	20.78	670	J
14.	107304-12-1	STIGMASTAN-6,22-DIEN, 3,5-DE	21.07	2100	NJ
15.	83-47-6	.GAMMA.-SITOSTEROL	21.61	7000	NJ
16.	1000188-66-5	2(1H)NAPHTHALENONE, 3,5,6,7,	21.89	11000	NJ
17.		UNKNOWN	22.10	2500	J
18.	1000188-66-5	2(1H)NAPHTHALENONE, 3,5,6,7,	22.23	9100	NJ
19.		UNKNOWN	22.33	5000	J
20.		UNKNOWN	22.77	7200	J
21.	1058-61-3	STIGMAST-4-EN-3-ONE	22.91	3100	NJ
22.		UNKNOWN	23.42	5700	J
23.		UNKNOWN	23.65	520	J
24.		UNKNOWN	24.34	25000	JB
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9431.D
Date : 24-AUG-2005 17:51
Client ID: SD04-S-0
Instrument: S4.i
Sample Info: D0926-14A,,19468,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9431.D
Report Date: 31-Aug-2005 11:31

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9431.D
Lab Smp Id: D0926-14A Client Smp ID: SD04-S-O
Inj Date : 24-AUG-2005 17:51
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-14A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D ✓
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	71.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	4.058	4.048	(0.705)	236040	116.171	6700
$ 3	Phenol-d5	99	5.134	5.135	(0.892)	358913	123.624	7100
$ 6	2-Chlorophenol-d4	132	5.414	5.414	(0.941)	294472	120.238	6900
* 8	1,4-Dichlorobenzene-d4	152	5.755	5.755	(1.000)	73061	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	6.004	6.004	(1.043)	120064	70.8326	4100
$ 16	Nitrobenzene-d5	82	6.676	6.677	(0.827)	269921	78.0071	4500
* 23	Naphthalene-d8	136	8.074	8.074	(1.000)	301490	40.0000	
$ 33	2-Fluorobiphenyl	172	10.289	10.289	(0.900)	506046	90.4819	5200
* 41	Acenaphthene-d10	164	11.438	11.438	(1.000)	162781	40.0000	
$ 53	2,4,6-Tribromophenol	330	12.628	12.628	(0.928)	104822	156.502	9000
* 58	Phenanthrene-d10	188	13.611	13.611	(1.000)	254883	40.0000	
$ 65	Terphenyl-d14	244	15.671	15.671	(0.920)	533840	105.389	6100
* 69	Chrysene-d12	240	17.027	17.027	(1.000)	201546	40.0000	

Data File: S4A9431.D
Report Date: 31-Aug-2005 11:31

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
71 bis(2-Ethylhexyl)phthalate	149	16.954	16.954	(0.996)	11427	2.19948	130(a)
* 76 Perylene-d12	264	18.942	18.942	(1.000)	162379	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

08/31/05
AP

Data File: S4A9431.D
Report Date: 31-Aug-2005 11:31

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9431.D
Lab Smp Id: D0926-14A Client Smp ID: SD04-S-O
Inj Date : 24-AUG-2005 17:51
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-14A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	71.000	% Moisture

ISTD	RT	AREA	AMOUNT
* 41 Acenaphthene-d10	11.438	768613	40.000
* 58 Phenanthrene-d10	13.611	788117	40.000
* 69 Chrysene-d12	17.027	755075	40.000
* 76 Perylene-d12	18.942	542633	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9431.D
Report Date: 31-Aug-2005 11:31

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Cyclic Alkane					CAS #:		
11.158	845138	43.9824983	2500	0		0	41
Cyclic Alkane					CAS #:		
12.762	173598	8.81077302	510	0		0	58
Unknown					CAS #:		
16.261	140310	7.43290402	430	0		0	69
Unknown					CAS #:		
16.364	110270	5.84153892	340	0		0	69
Unknown					CAS #:		
16.426	112922	5.98202828	340	0		0	69
Straight-Chain Alkane					CAS #:		
16.778	144319	7.64528027	440	0		0	69
Unknown					CAS #:		
16.903	168043	8.90205609	510	0		0	69
Branched Alkane					CAS #:		
17.182	108615	5.75386551	330	0		0	69
Straight-Chain Alkane					CAS #:		
17.565	460233	24.3807834	1400	0		0	69
Unknown					CAS #:		
17.596	240286	12.7291196	730	0		0	69
Straight-Chain Alkane					CAS #:		
17.958	259799	13.7628183	790	0		0	69
2,6,10,14,18,22-Tetracosahexaene, 2,6,10					CAS #: 111-02-4		
18.062	210609	15.5249681	890	90	NIST98.L	158519	76
Unknown					CAS #:		
18.186	88526	6.52566283	380	0		0	76
Straight-Chain Alkane					CAS #:		
18.403	670981	49.4611275	2800	0		0	76
Oxirane, hexadecyl-					CAS #: 7390-81-0		
19.159	70668	5.20926667	300	90	NIST98.L	99461	76

Data File: S4A9431.D
Report Date: 31-Aug-2005 11:31

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
19.376	290476	21.4123358	1200	0		0	76
Straight-Chain Alkane				CAS #:			
19.449	582091	42.9086325	2500	0		0	76
Unknown				CAS #:			
19.925	137676	10.1487377	580	0		0	76
Unknown				CAS #:			
20.101	97919	7.21806451	410	0		0	76
Unknown				CAS #:			
20.484	71135	5.24369141	300	0		0	76
Unknown				CAS #:			
20.784	159090	11.7272632	670	0		0	76
Straight-Chain Alkane				CAS #:			
20.867	368295	27.1487359	1600	0		0	76
Stigmastan-6,22-dien, 3,5-dedihydro-				CAS #:	107304-12-1		
21.074	496899	36.6287343	2100	91	NIST98.L	155186	76
.gamma.-Sitosterol				CAS #:	83-47-6		
21.612	1643646	121.160785	7000	96	NIST98.L	159285	76
2(1H)Naphthalenone, 3,5,6,7,8,8a-hexahyd				CAS #:	1000188-66-5		
21.891	2488568	183.443911	11000	90	NIST98.L	68225	76
Unknown				CAS #:			
22.098	593586	43.7559824	2500	0		0	76
2(1H)Naphthalenone, 3,5,6,7,8,8a-hexahyd				CAS #:	1000188-66-5		
22.233	2152778	158.691270	9100	91	NIST98.L	68225	76
Unknown				CAS #:			
22.326	1188926	87.6412603	5000	0		0	76
Unknown				CAS #:			
22.771	1689156	124.515538	7200	0		0	76
Stigmast-4-en-3-one				CAS #:	1058-61-3		
22.906	735332	54.2047387	3100	95	NIST98.L	158845	76

Data File: S4A9431.D
Report Date: 31-Aug-2005 11:31

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
23.423	1341884	98.9165053	5700	0		0	76
Unknown				CAS #:			
23.651	123402	9.09653486	520	0		0	76
Unknown				CAS #:			
24.344	5894235	434.491452	25000	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9431.D

Date : 24-AUG-2005 17:51

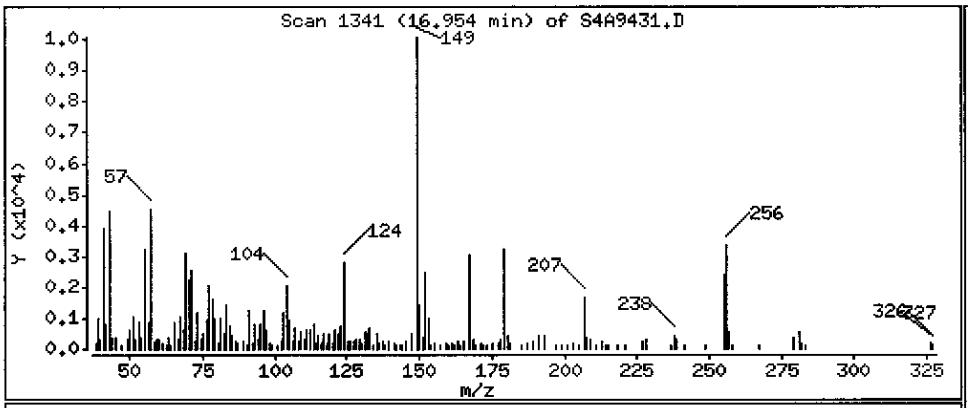
Client ID: SD04-S-0 Instrument: S4.i

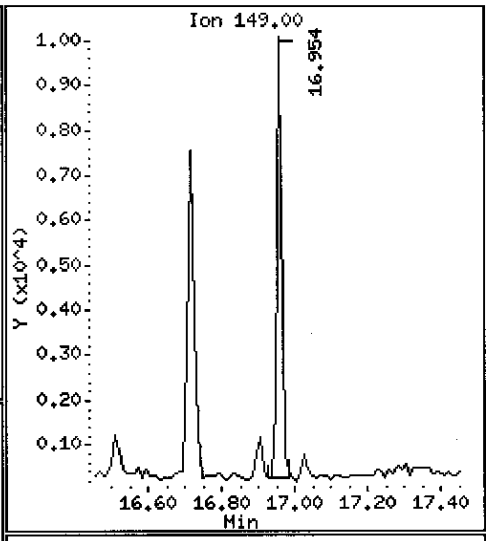
Sample Info: D0926-14A,,19468,,

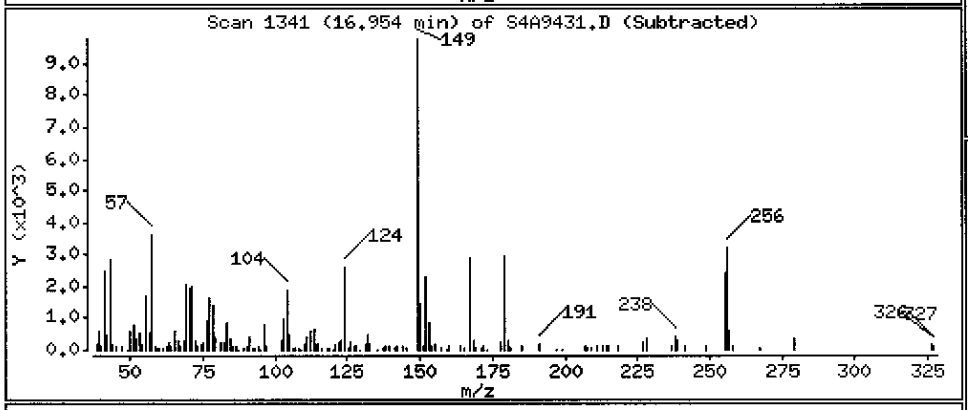
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

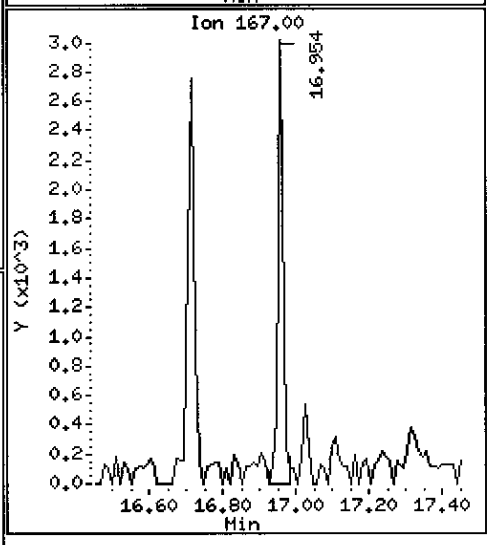
Column phase: DB-5MS Column diameter: 0.25

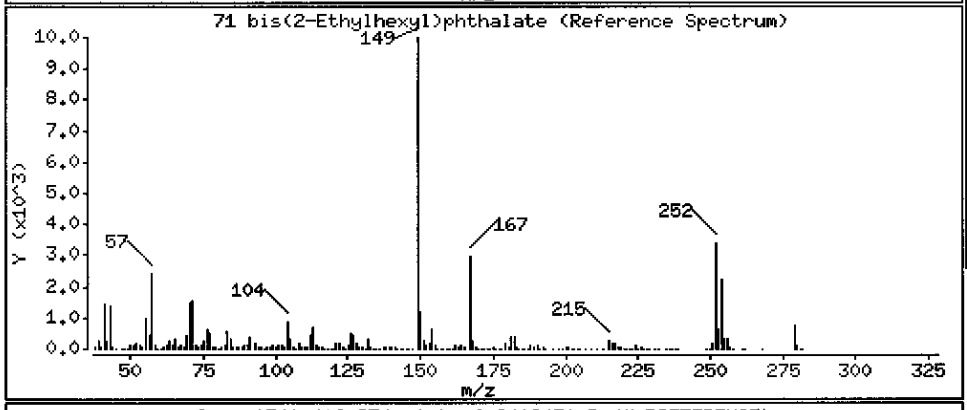
71 bis(2-Ethylhexyl)phthalate Concentration: 130 ug/Kg

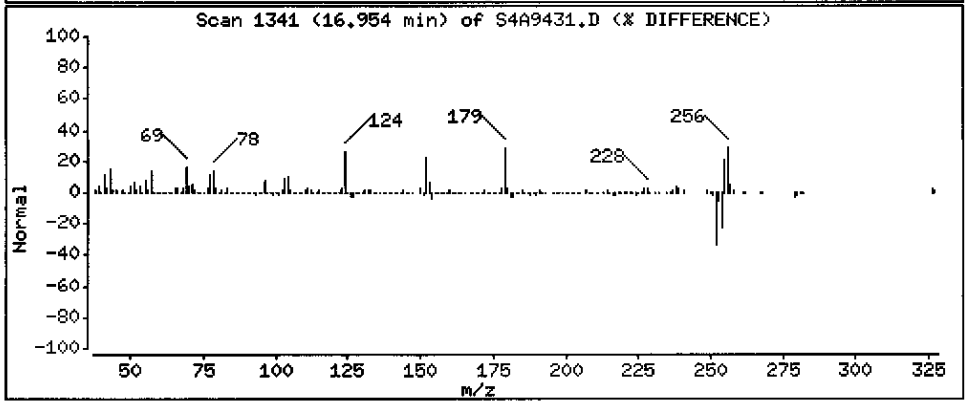












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Date : 24-AUG-2005 17:51

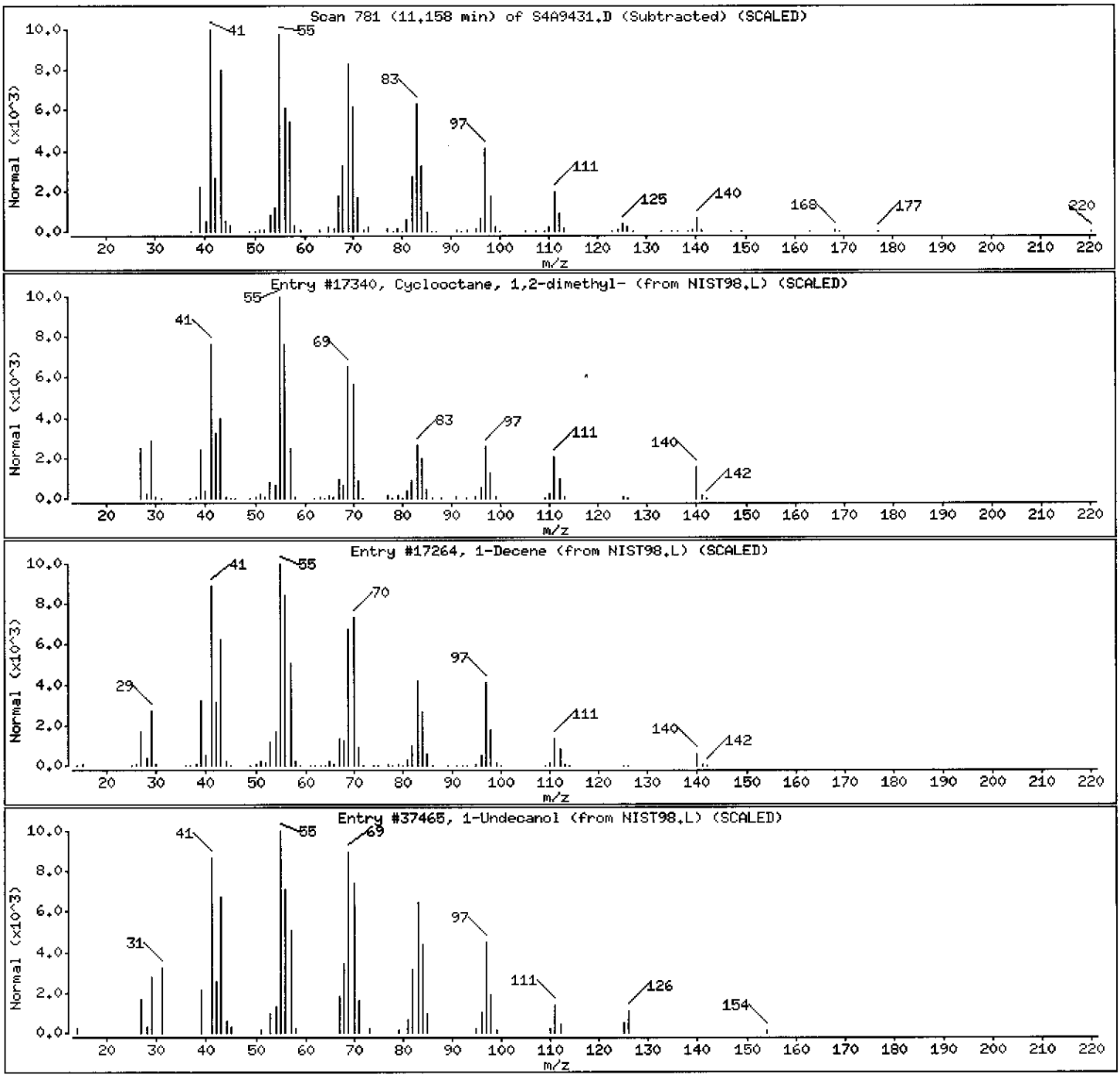
Client ID: SD04-S-0 Instrument: S4.i

Sample Info: D0926-14A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclooctane, 1,2-dimethyl-	13151-94-5	NIST98.L	17340	93	C10H20	140
1-Decene	872-05-9	NIST98.L	17264	91	C10H20	140
1-Undecanol	112-42-5	NIST98.L	37465	91	C11H240	172



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Date : 24-AUG-2005 17:51

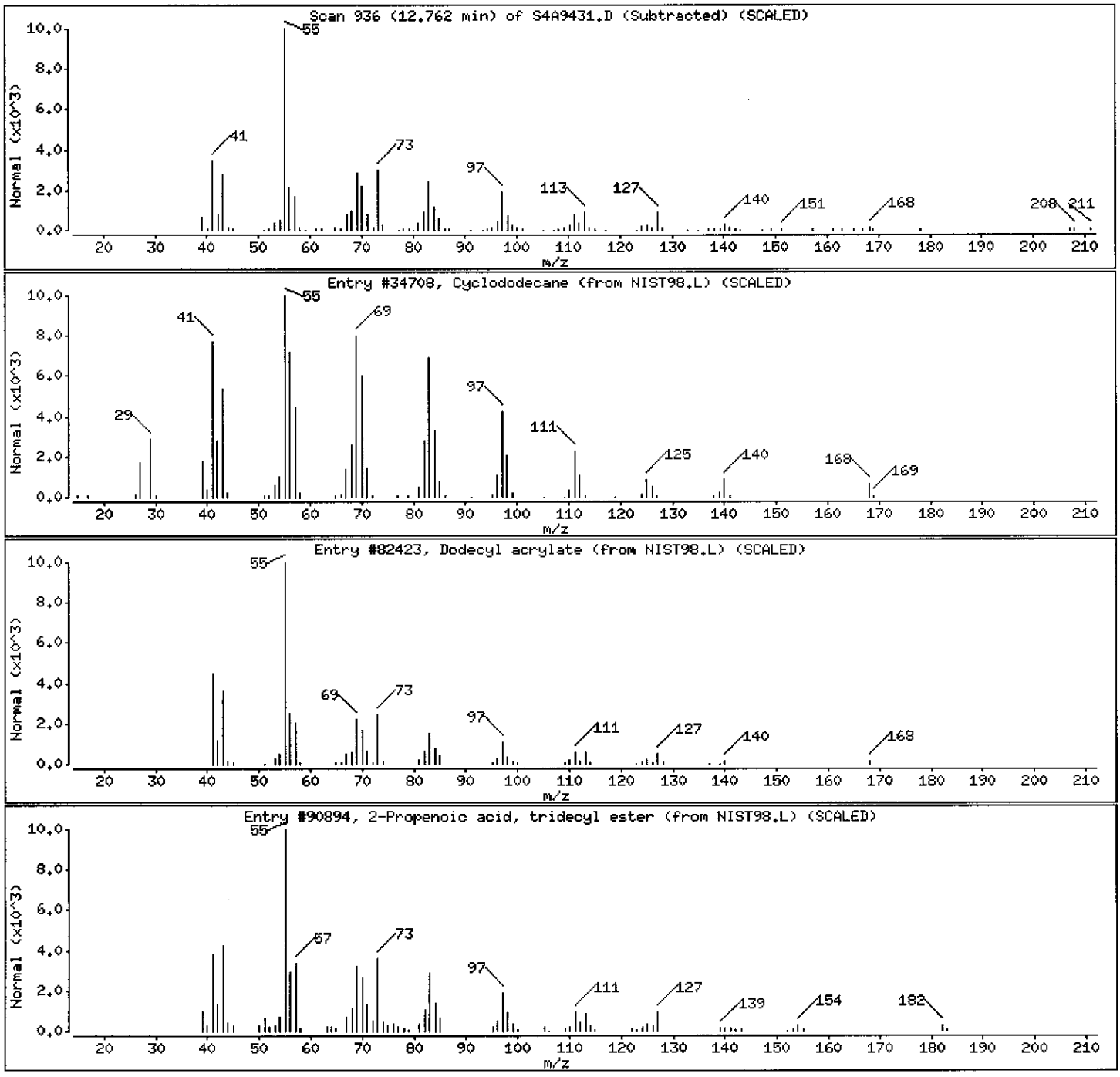
Client ID: SD04-S-0 Instrument: S4.i

Sample Info: D0926-14A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34708	91	C12H24	168
Dodecyl acrylate	2156-97-0	NIST98.L	82423	91	C15H2802	240
2-Propenoic acid, tridecyl ester	3076-04-8	NIST98.L	90894	87	C16H3002	254



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Date : 24-AUG-2005 17:51

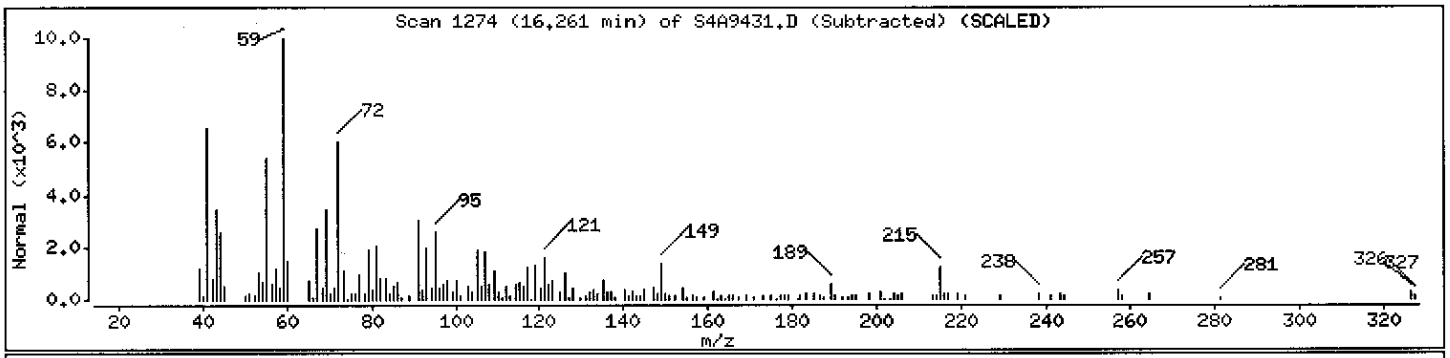
Client ID: SD04-S-0 Instrument: S4.i

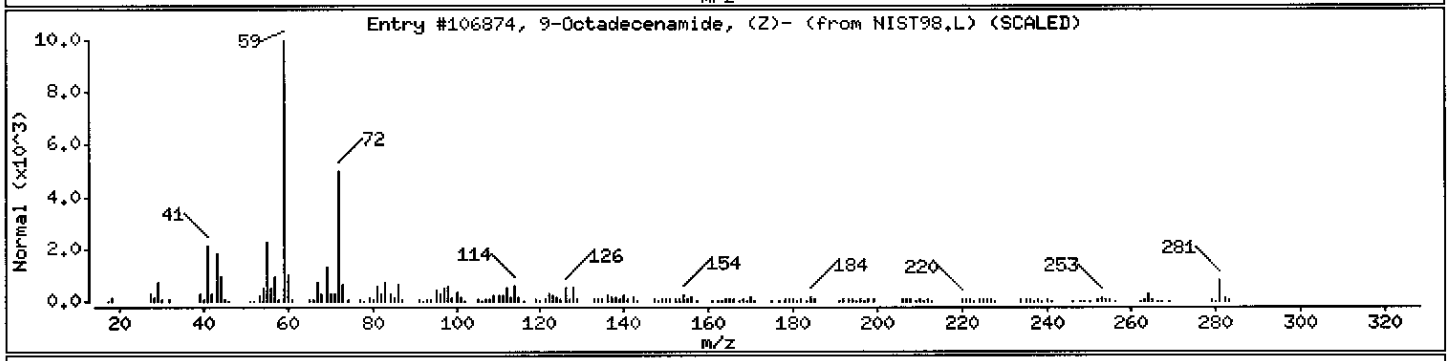
Sample Info: D0926-14A,,19468,,

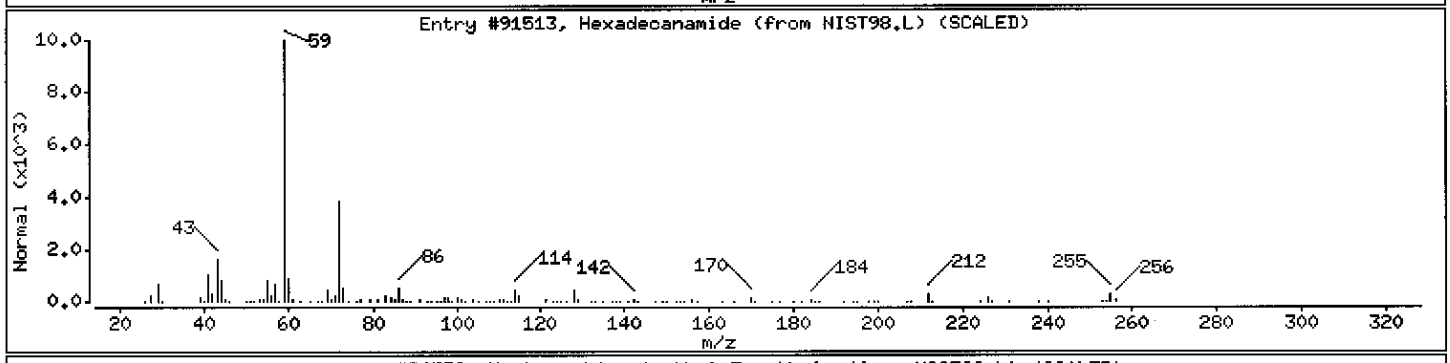
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

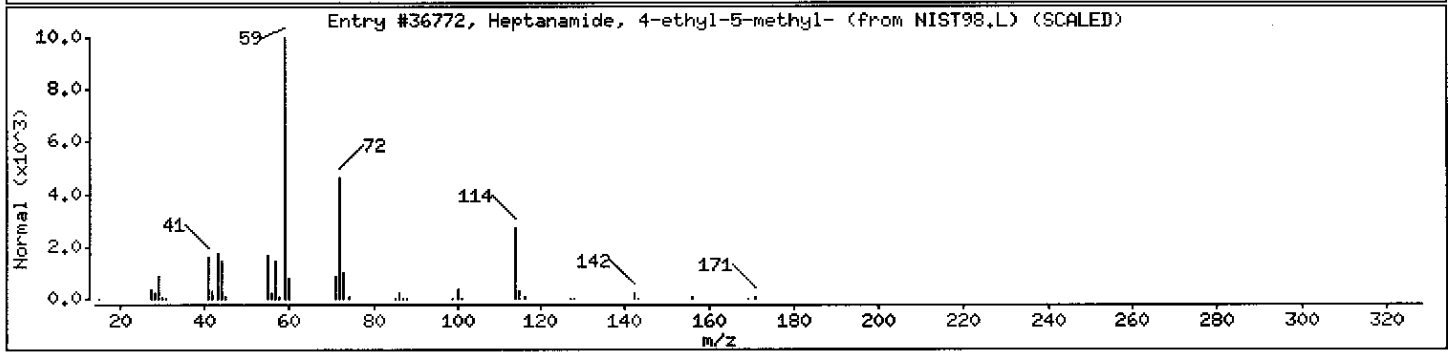
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
9-Octadecenamide, (Z)-	301-02-0	NIST98.L	106874	52	C18H35NO	281
Hexadecanamide	629-54-9	NIST98.L	91513	47	C16H33NO	255
Heptanamide, 4-ethyl-5-methyl-	54789-40-1	NIST98.L	36772	46	C10H21NO	171









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Date : 24-AUG-2005 17:51

Client ID: SD04-S-O

Instrument: S4.i

Sample Info: D0926-14A,,19468,,

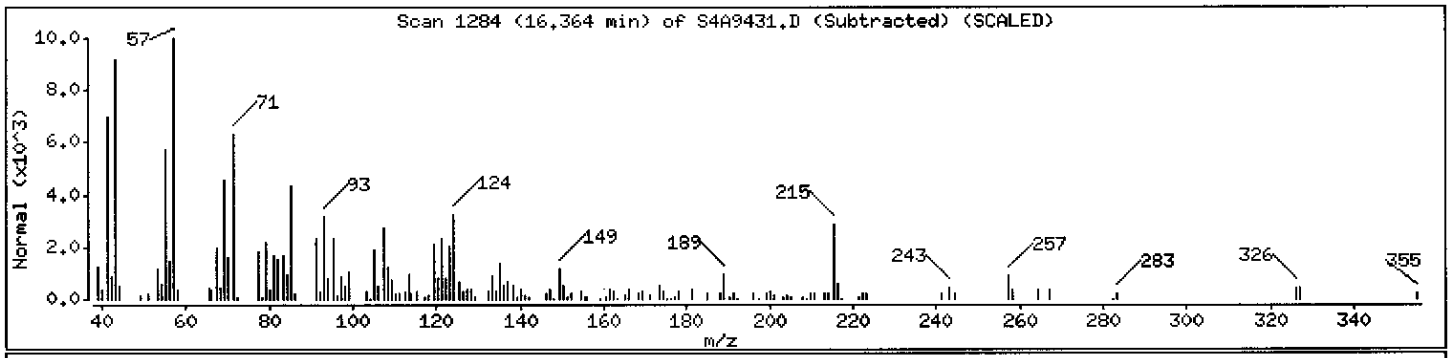
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9431.D

Date : 24-AUG-2005 17:51

Client ID: SD04-S-O

Instrument: S4.i

Sample Info: D0926-14A,,19468,,

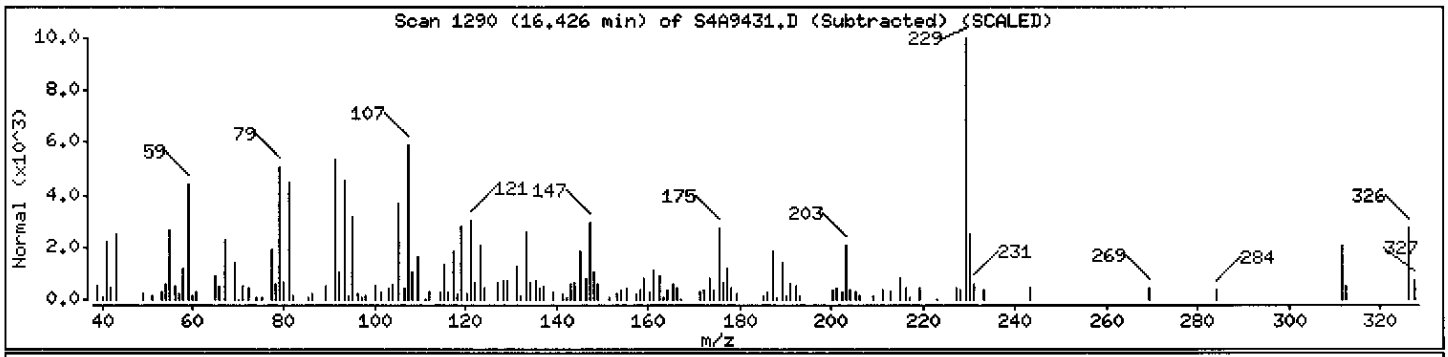
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 24-AUG-2005 17:51

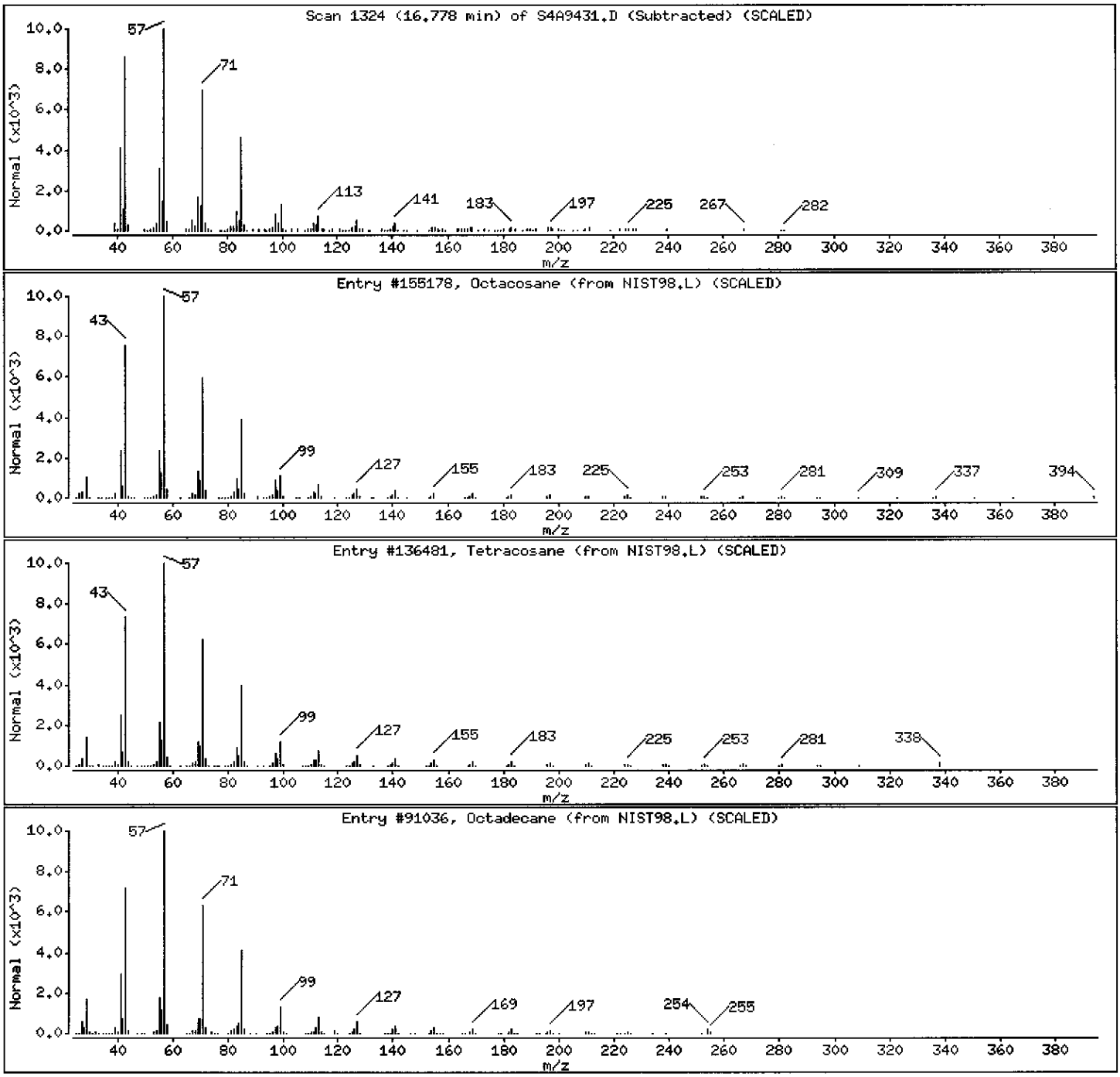
Client ID: SD04-S-0 Instrument: S4.i

Sample Info: D0926-14A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Octacosane	630-02-4	NIST98.L	155178	91	C28H58	394
Tetracosane	646-31-1	NIST98.L	136481	91	C24H50	338
Octadecane	593-45-3	NIST98.L	91036	91	C18H38	254



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Date : 24-AUG-2005 17:51

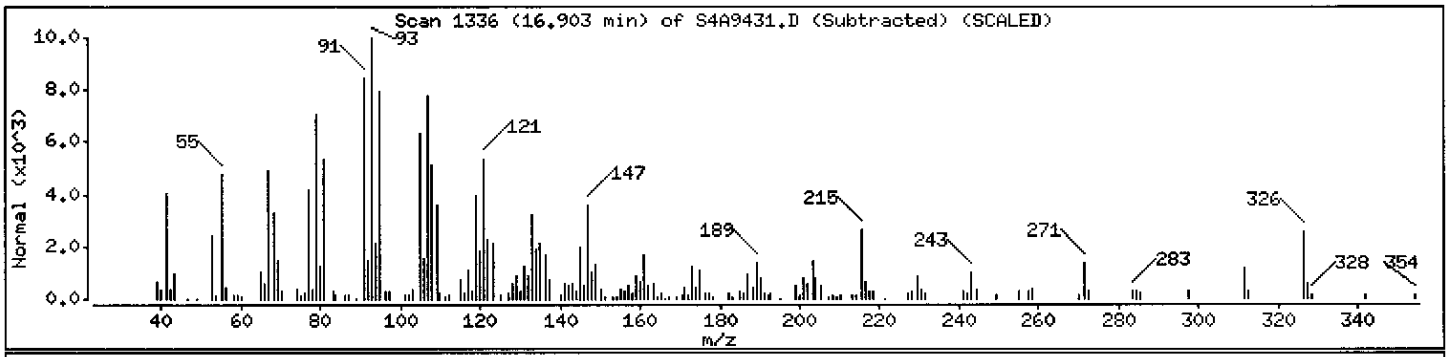
Client ID: SD04-S-0 Instrument: S4.i

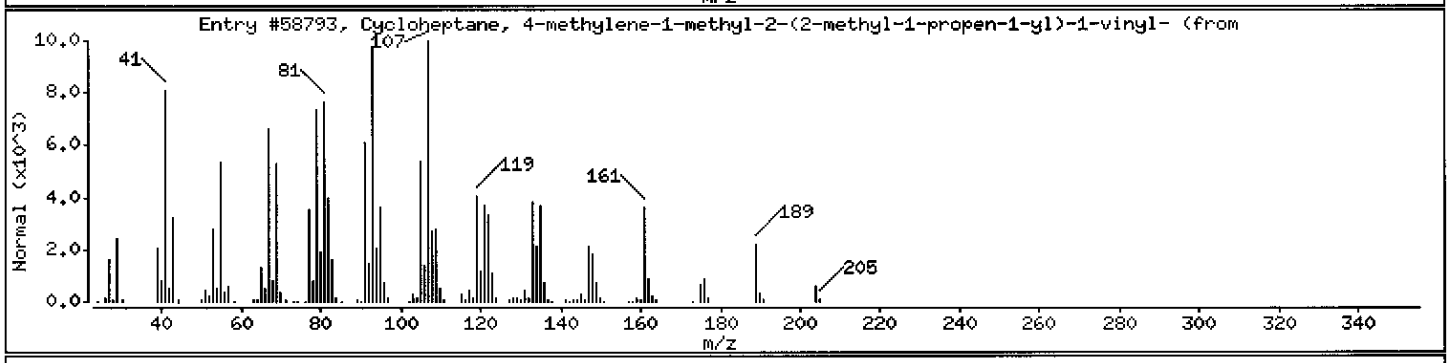
Sample Info: D0926-14A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cycloheptane, 4-methylene-1-methyl-2-(2-	1000159-38-5	NIST98.L	58793	47	C15H24	204





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Date : 24-AUG-2005 17:51

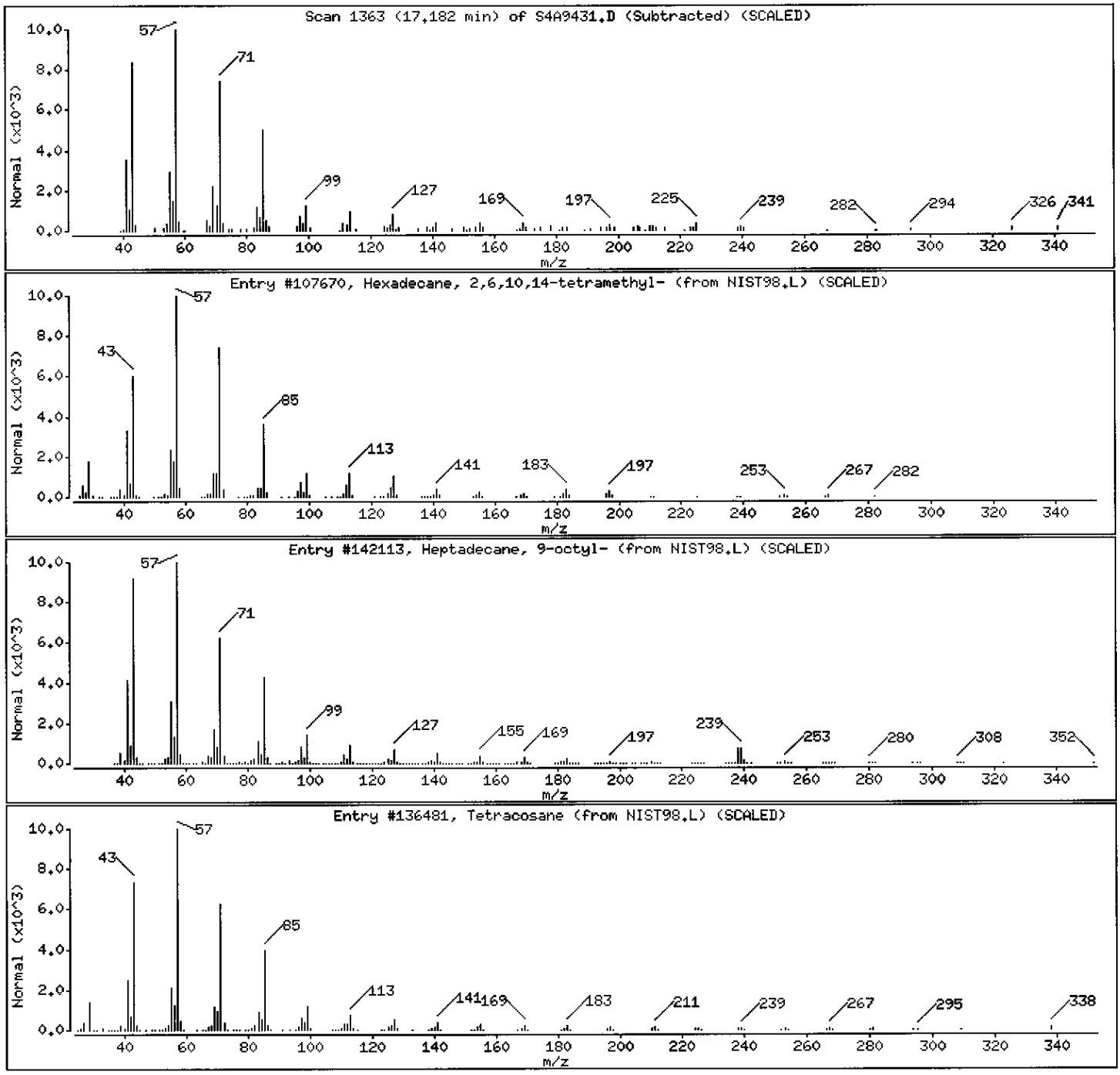
Client ID: SD04-S-0 Instrument: S4.i

Sample Info: D0926-14A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST98.L	107670	93	C20H42	282
Heptadecane, 9-octyl-	7225-64-1	NIST98.L	142113	91	C25H52	352
Tetracosane	646-31-1	NIST98.L	136481	90	C24H50	338



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Date : 24-AUG-2005 17:51

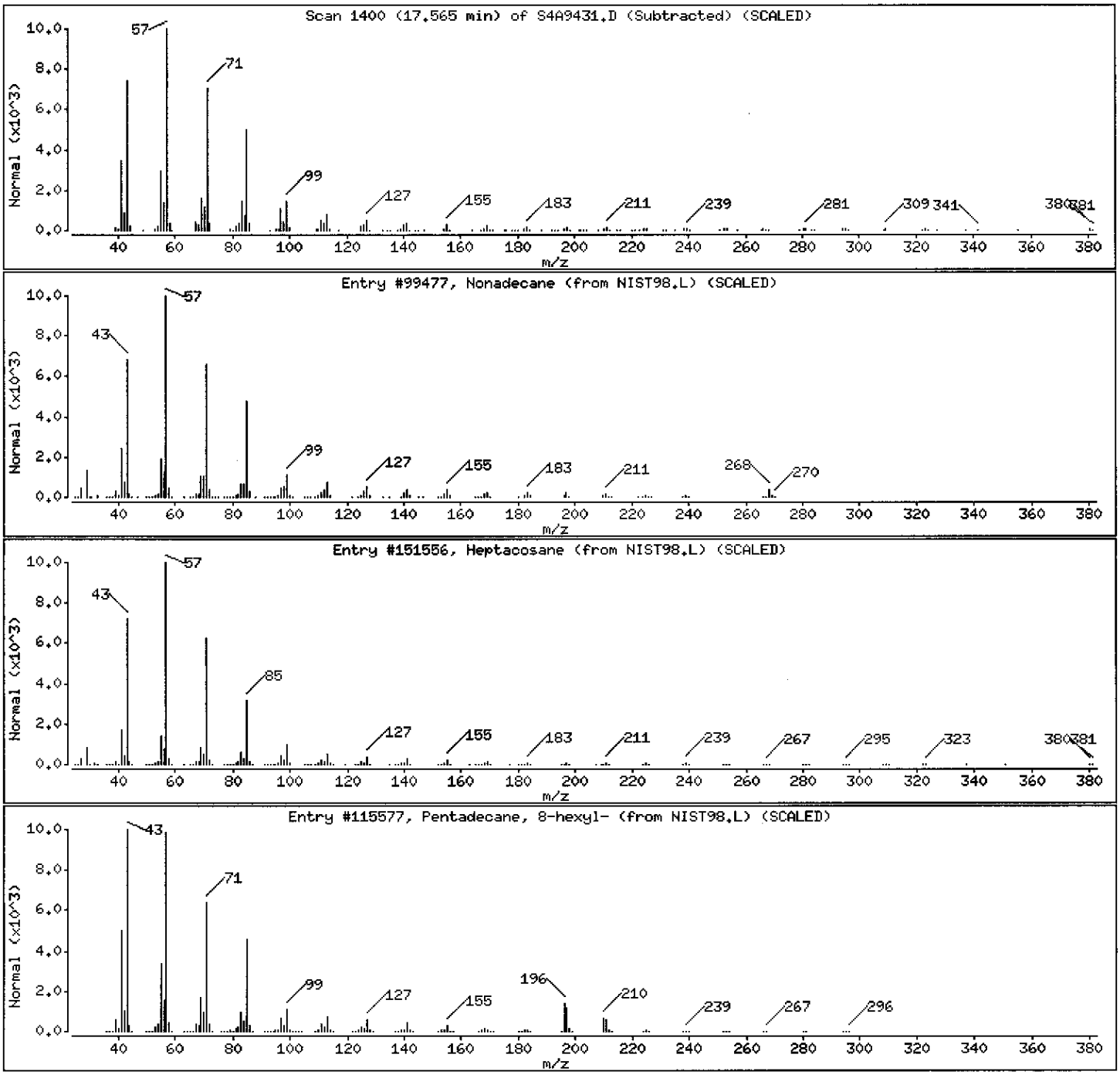
Client ID: SD04-S-0 Instrument: S4.i

Sample Info: D0926-14A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Nonadecane	629-92-5	NIST98.L	99477	96	C19H40	268
Heptacosane	593-49-7	NIST98.L	151556	93	C27H56	380
Pentadecane, 8-hexyl-	13475-75-7	NIST98.L	115577	93	C21H44	296



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Date : 24-AUG-2005 17:51

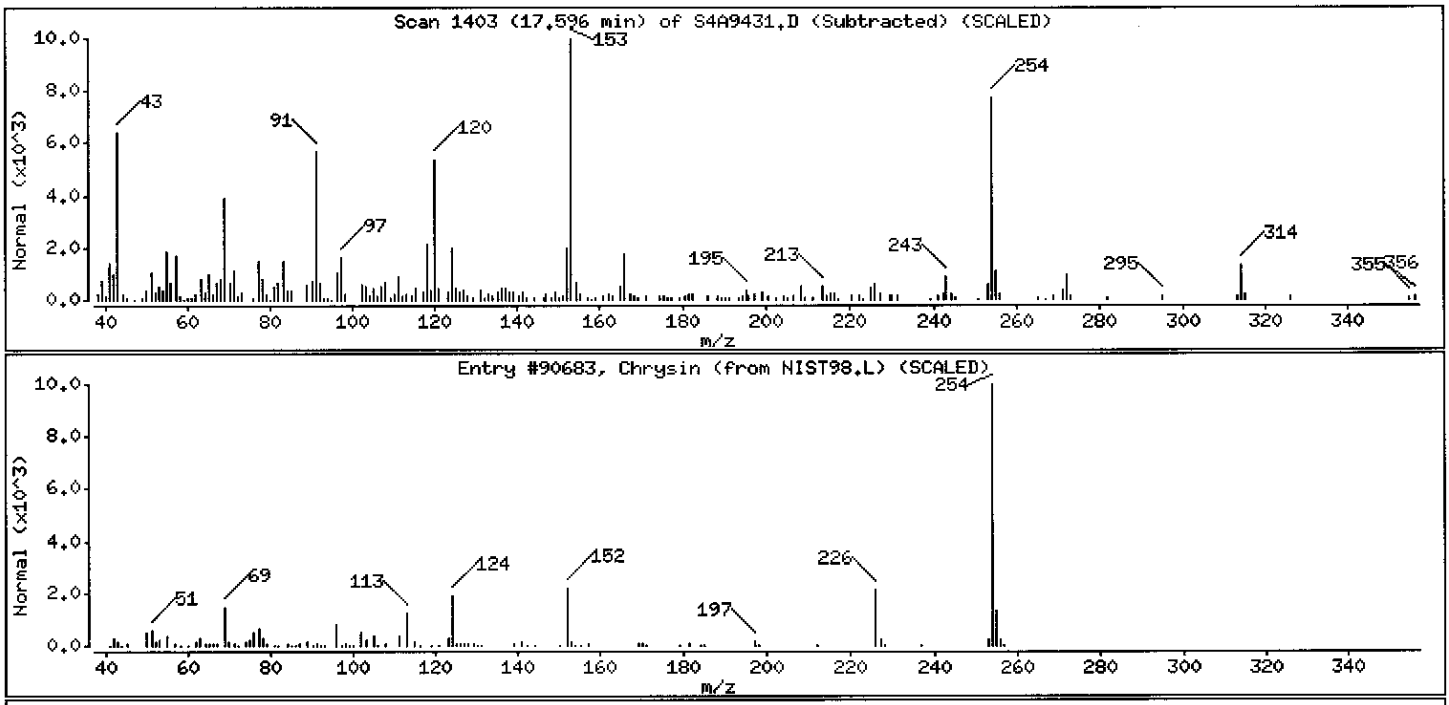
Client ID: SD04-S-0 Instrument: S4.i

Sample Info: D0926-14A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Chrysin	480-40-0	NIST98.L	90683	46	C15H10O4	254



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Date : 24-AUG-2005 17:51

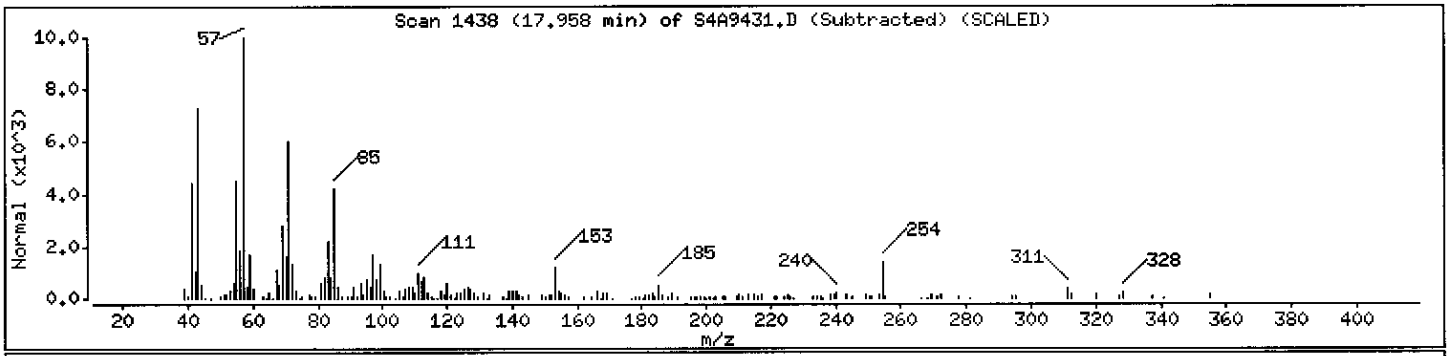
Client ID: SD04-S-0 Instrument: S4.i

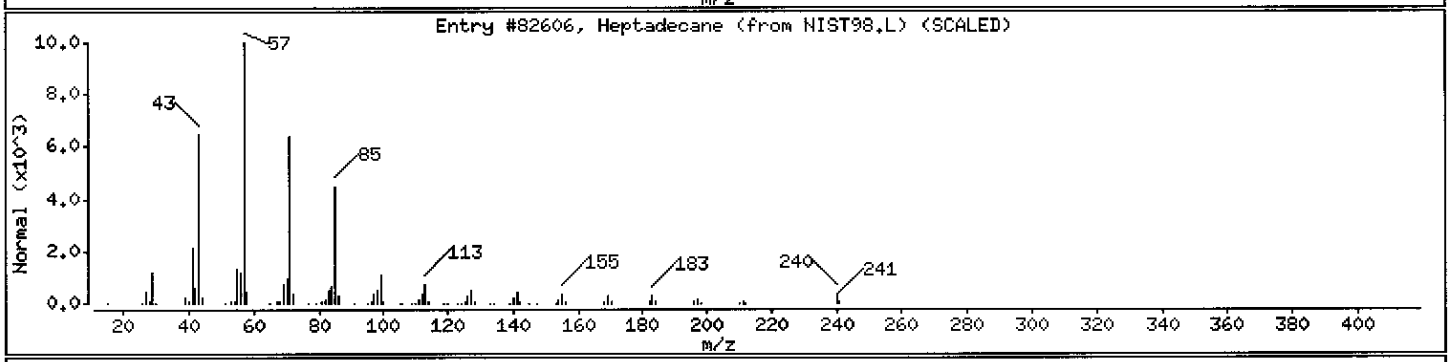
Sample Info: D0926-14A,,19468,,

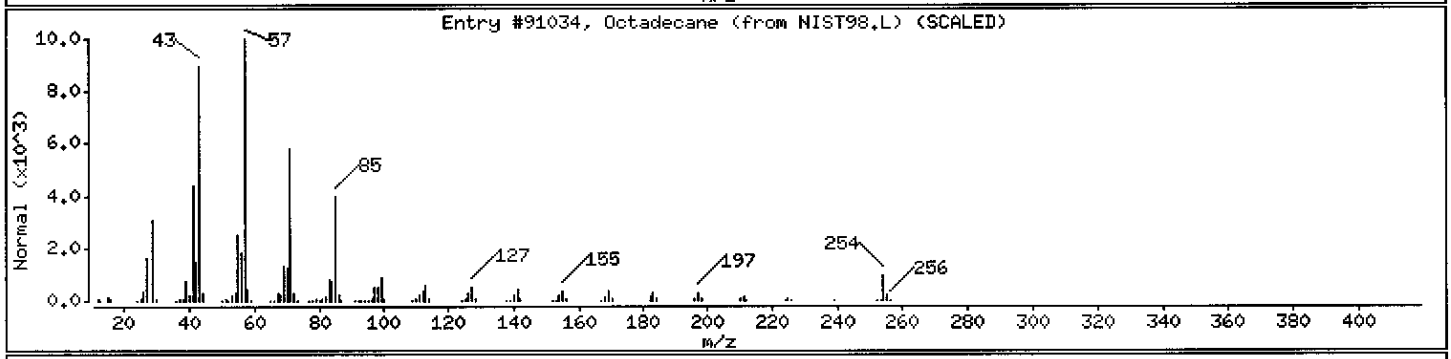
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

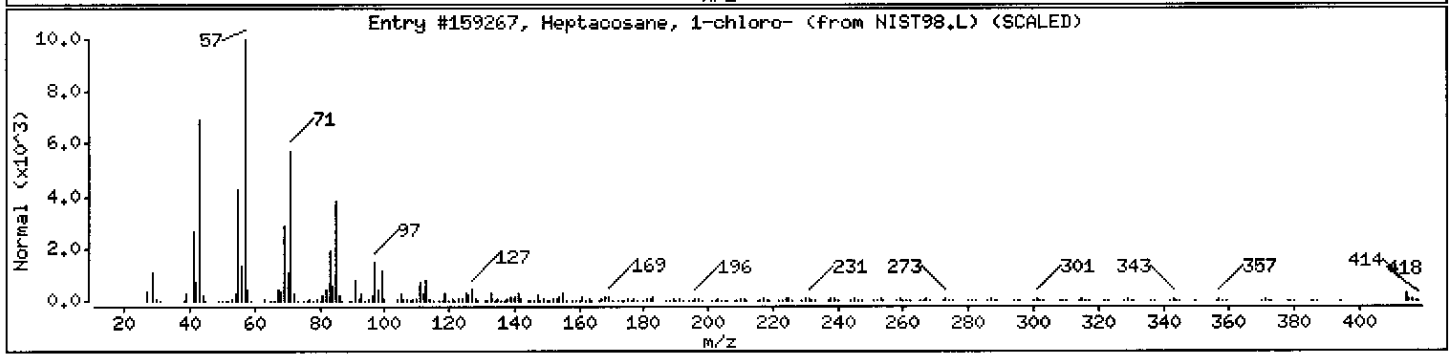
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Heptadecane	629-78-7	NIST98.L	82606	90	C17H36	240
Octadecane	593-45-3	NIST98.L	91034	78	C18H38	254
Heptacosane, 1-chloro-	62016-79-9	NIST98.L	159267	68	C27H55Cl	414









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Date : 24-AUG-2005 17:51

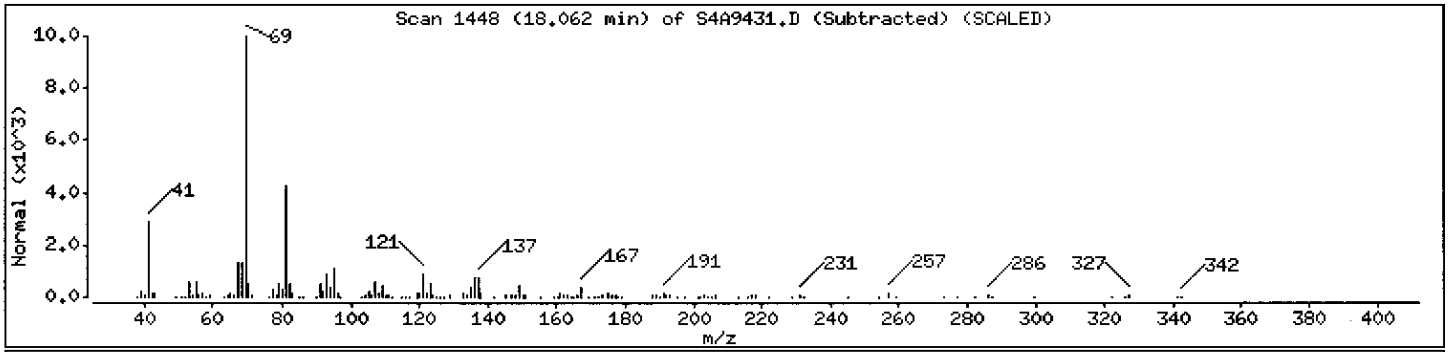
Client ID: SD04-S-0 Instrument: S4.i

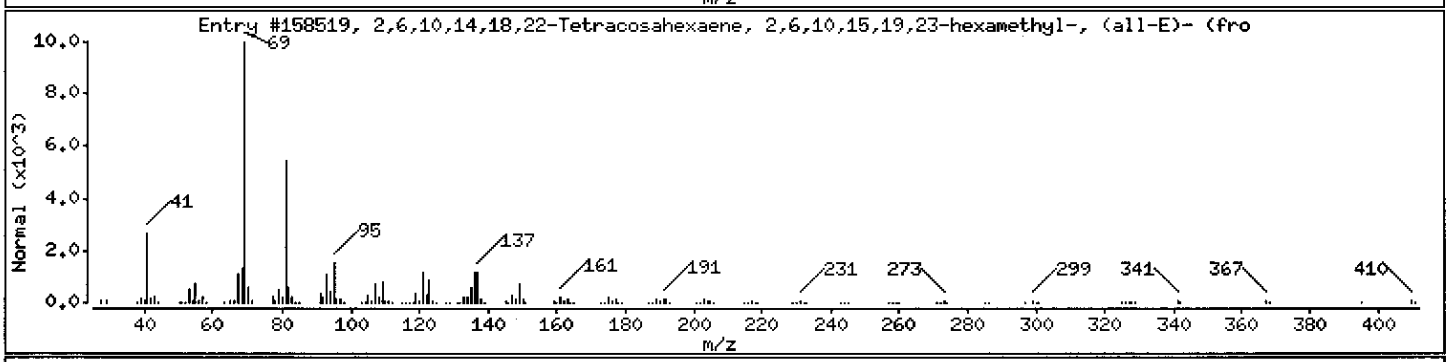
Sample Info: D0926-14A,,19468,,

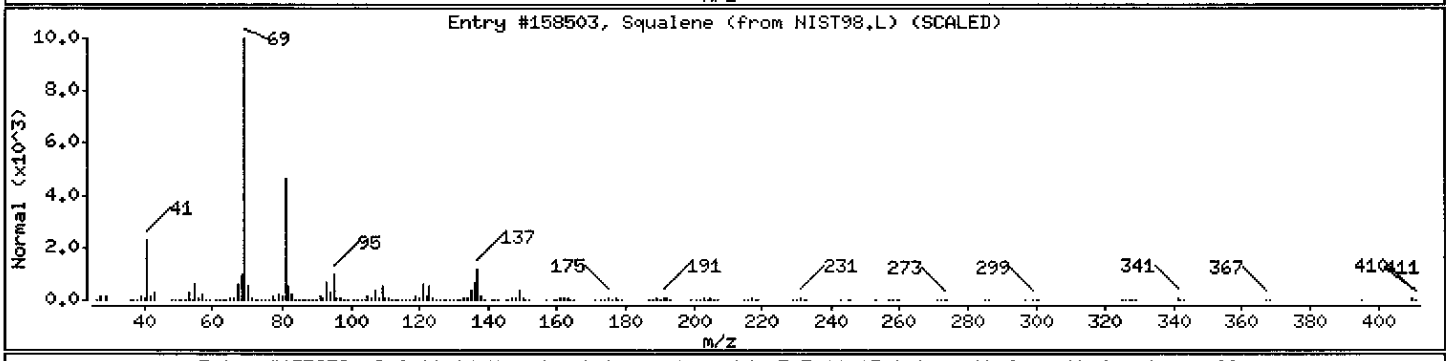
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

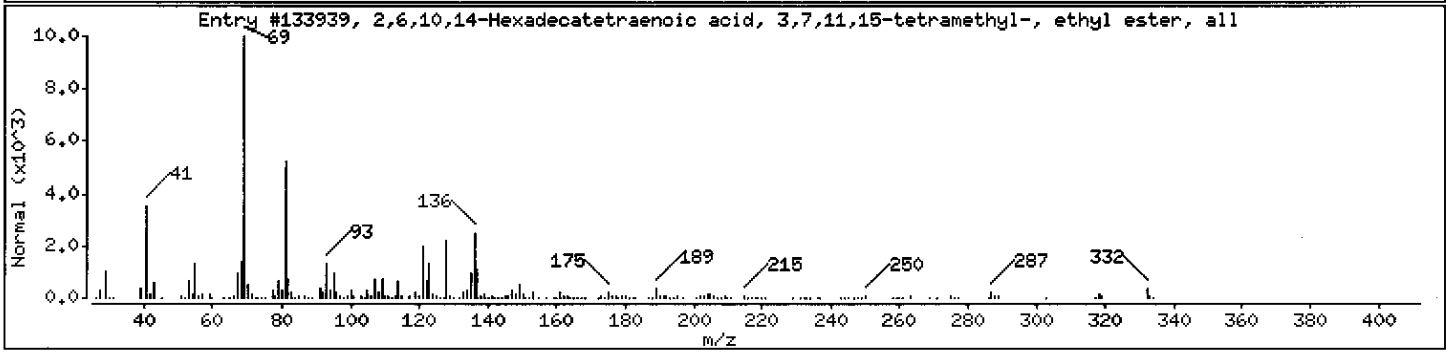
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,6,10,14,18,22-Tetracosahexaene, 2,6,10	111-02-4	NIST98.L	158519	90	C30H50	410
Squalene	7683-64-9	NIST98.L	158503	83	C30H50	410
2,6,10,14-Hexadecatetraenoic acid, 3,7,1	24035-35-6	NIST98.L	133939	78	C22H3602	332









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Date : 24-AUG-2005 17:51

Client ID: SD04-S-O

Instrument: S4.i

Sample Info: D0926-14A,,19468,,

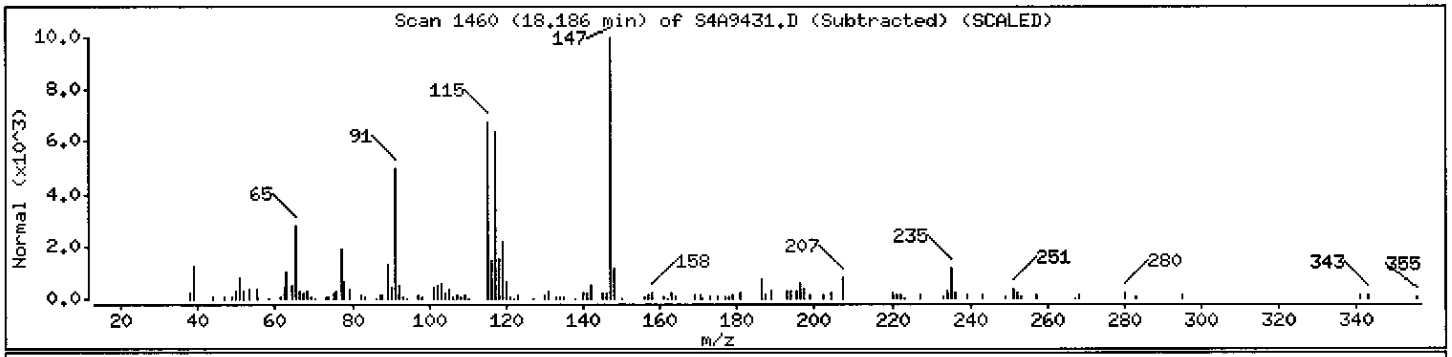
Volume Injected (uL): 2.0

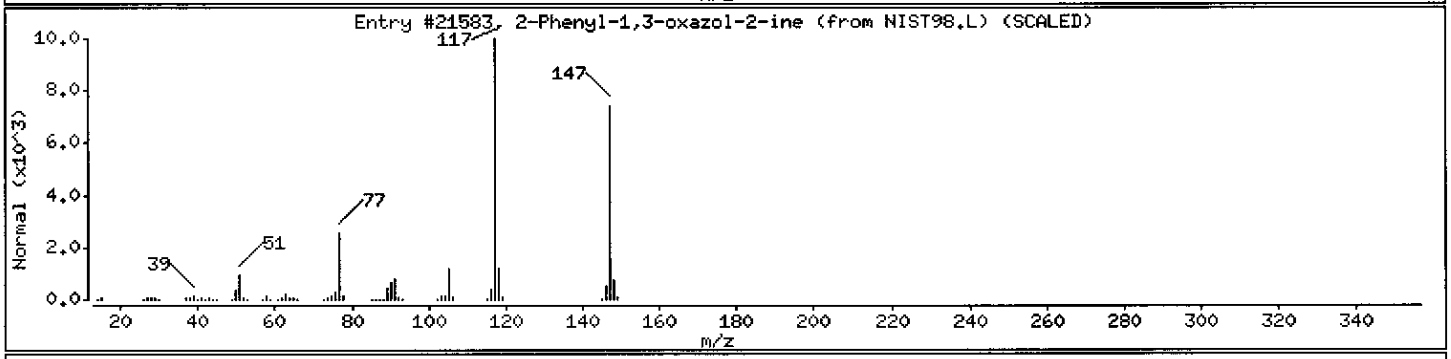
Operator: AW SRC: LIMS

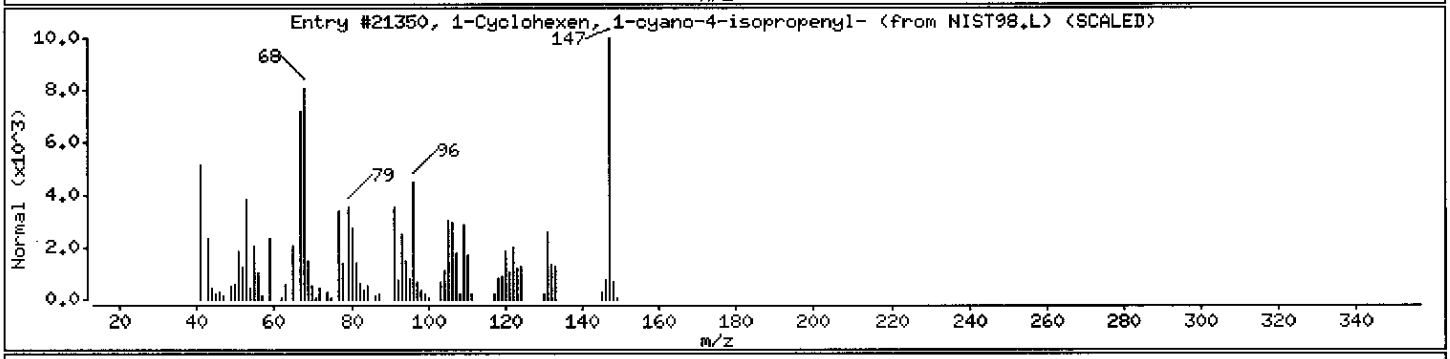
Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Phenyl-1,3-oxazol-2-ine	7127-19-7	NIST98.L	21583	47	C9H9NO	147
1-Cyclohexen, 1-cyano-4-isopropenyl-	1000126-45-8	NIST98.L	21350	41	C10H13N	147







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Date : 24-AUG-2005 17:51

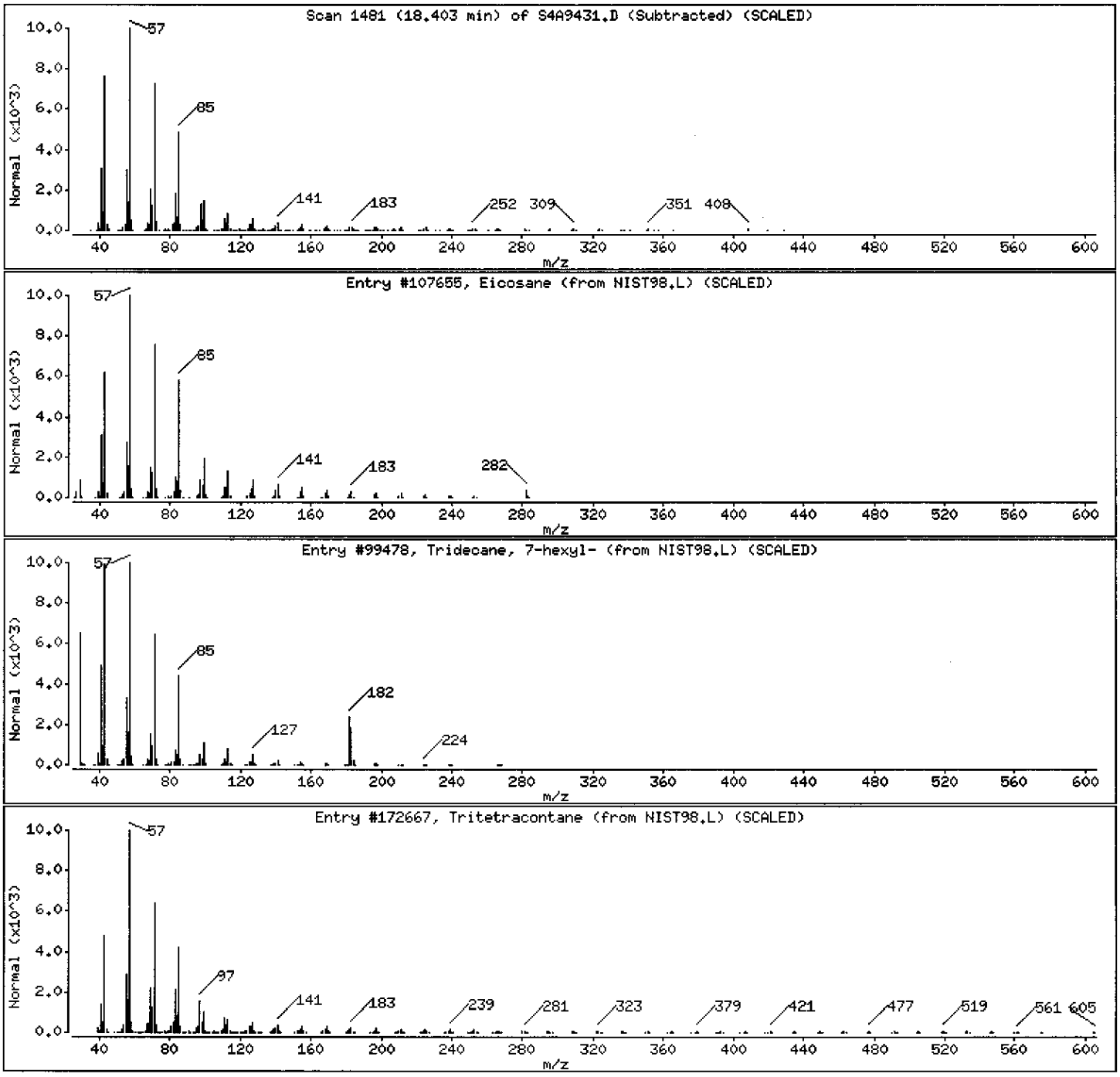
Client ID: SD04-S-0 Instrument: S4.i

Sample Info: D0926-14A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Eicosane	112-95-8	NIST98.L	107655	96	C20H42	282
Tridecane, 7-hexyl-	7225-66-3	NIST98.L	99478	93	C19H40	268
Tritetracontane	7098-21-7	NIST98.L	172667	91	C43H88	605



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Date : 24-AUG-2005 17:51

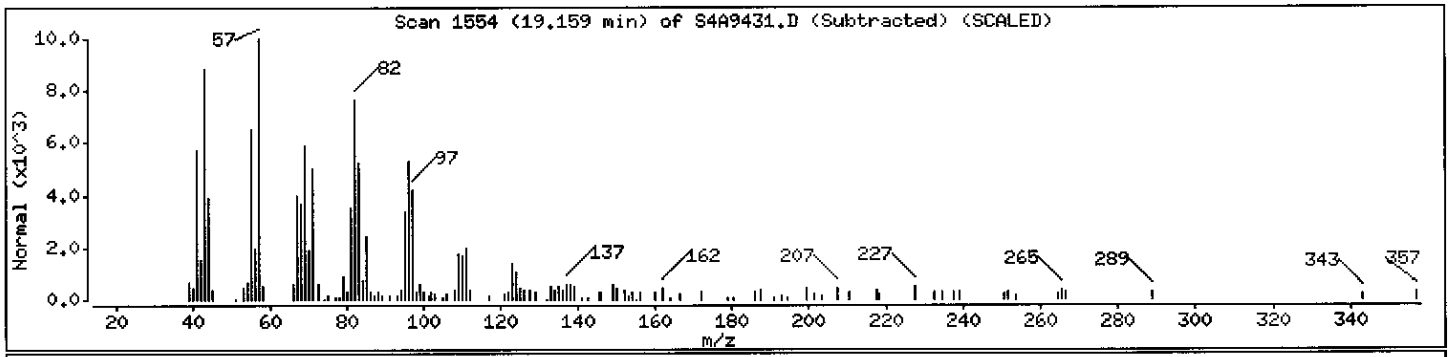
Client ID: SD04-S-0 Instrument: S4.i

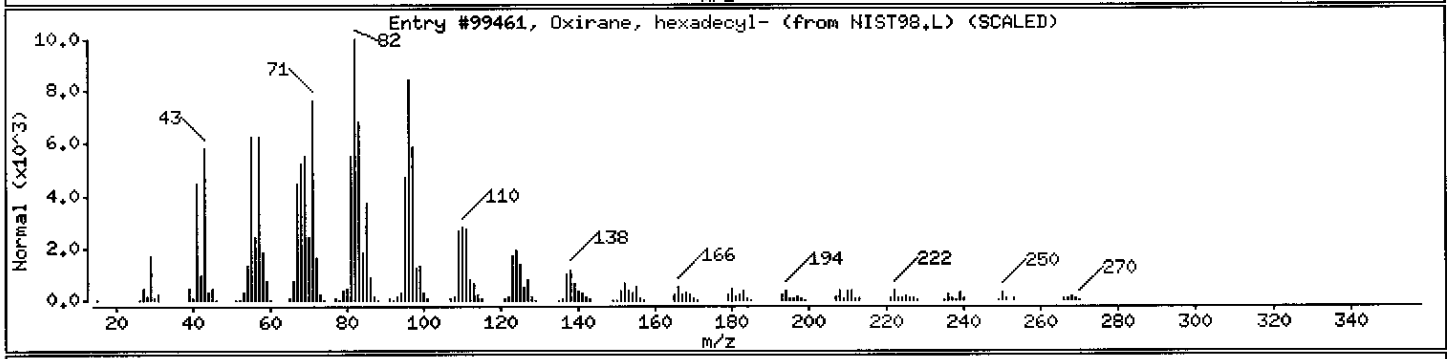
Sample Info: D0926-14A,,19468,,

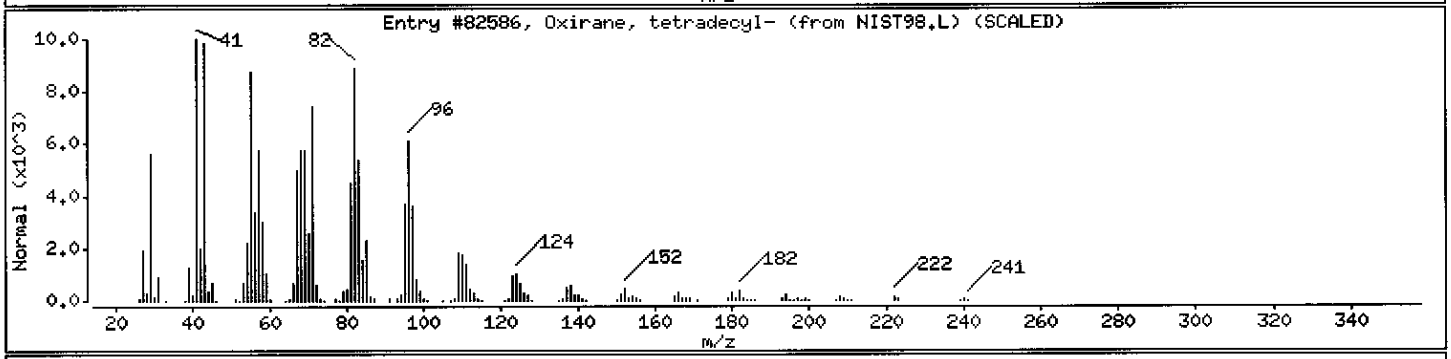
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

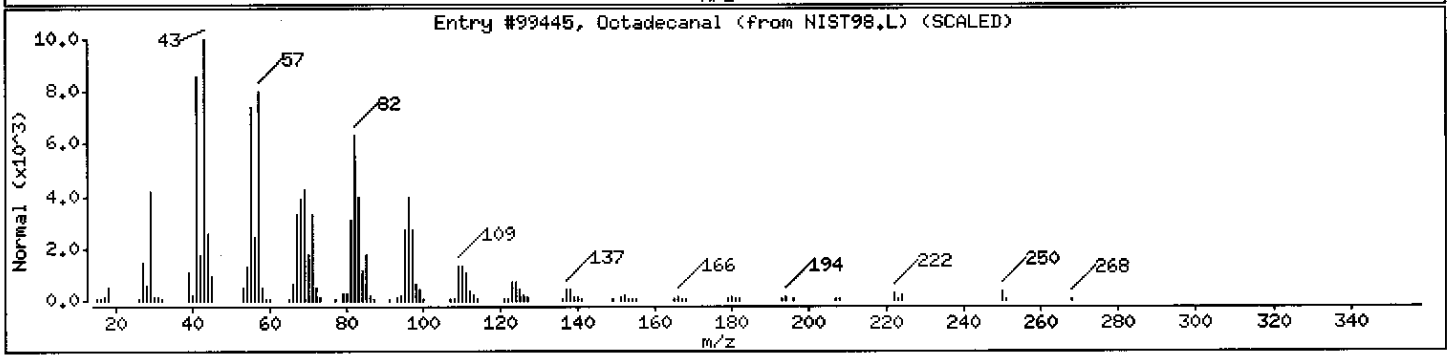
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Oxirane, hexadecyl-	7390-81-0	NIST98.L	99461	90	C18H360	268
Oxirane, tetradecyl-	7320-37-8	NIST98.L	82586	87	C16H320	240
Octadecanal	638-66-4	NIST98.L	99445	83	C18H360	268









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Date : 24-AUG-2005 17:51

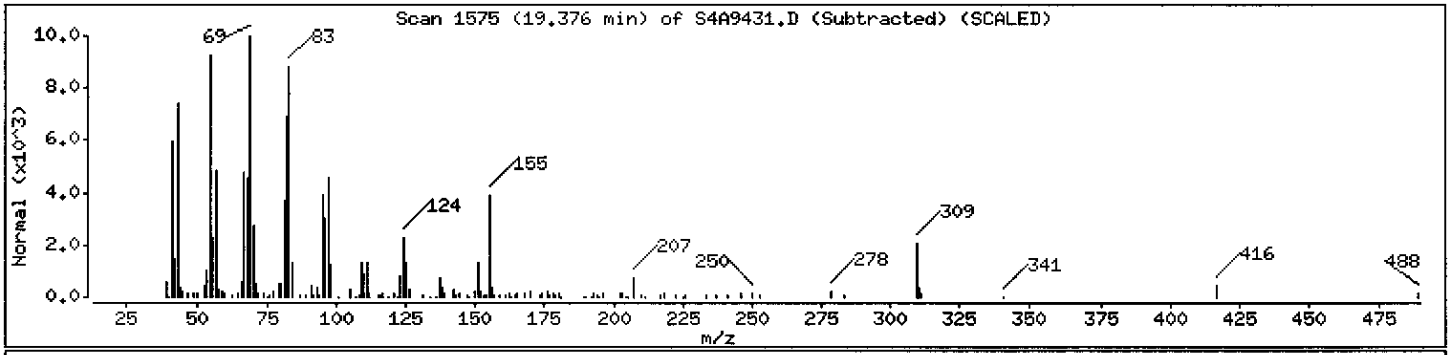
Client ID: SD04-S-0 Instrument: S4.i

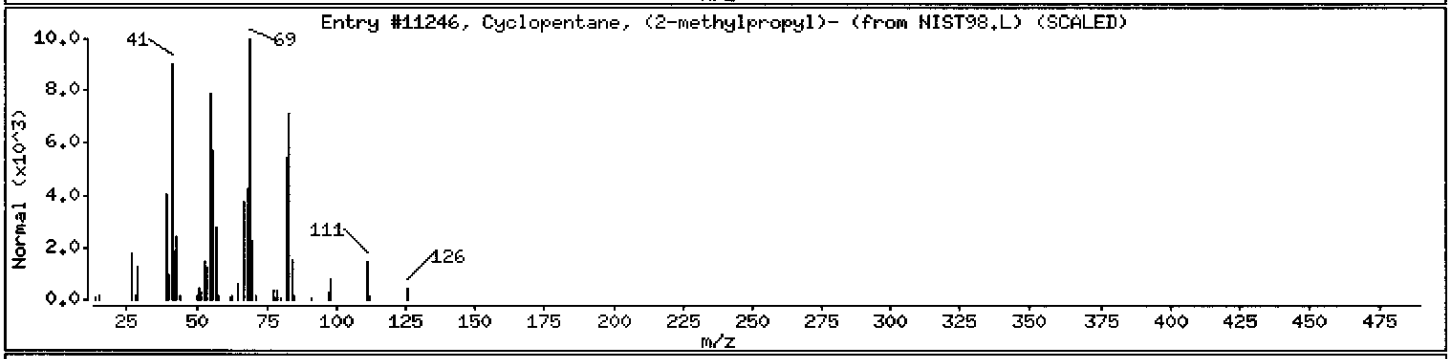
Sample Info: D0926-14A,,19468,,

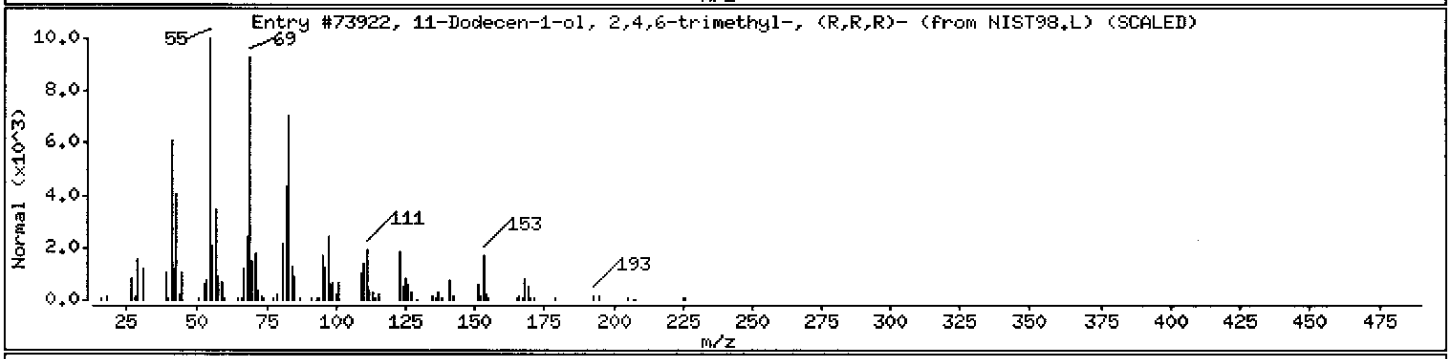
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

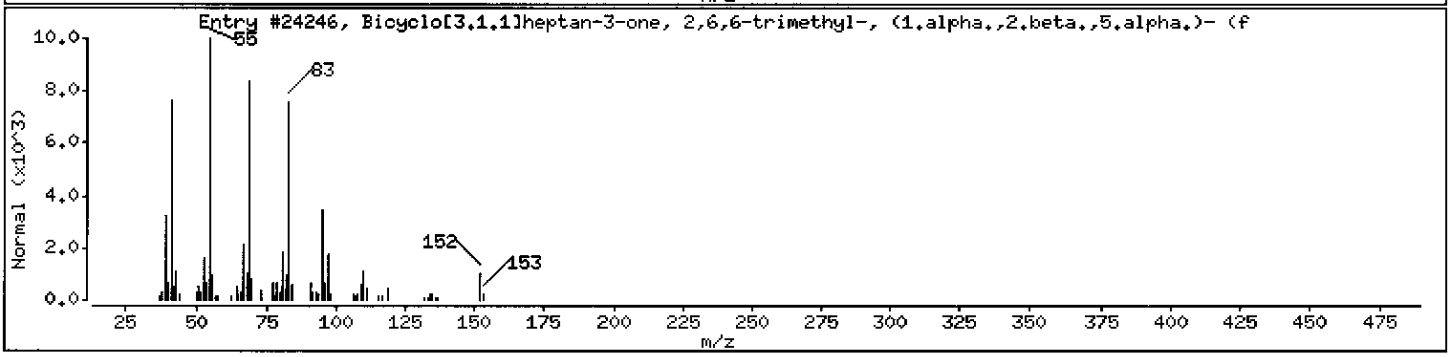
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclopentane, (2-methylpropyl)-	3788-32-7	NIST98.L	11246	50	C9H18	126
11-Dodecen-1-ol, 2,4,6-trimethyl-, (R,R,	27829-54-5	NIST98.L	73922	49	C15H30O	226
Bicyclo[3.1.1]heptan-3-one, 2,6,6-trimet	15358-88-0	NIST98.L	24246	46	C10H16O	152









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Date : 24-AUG-2005 17:51

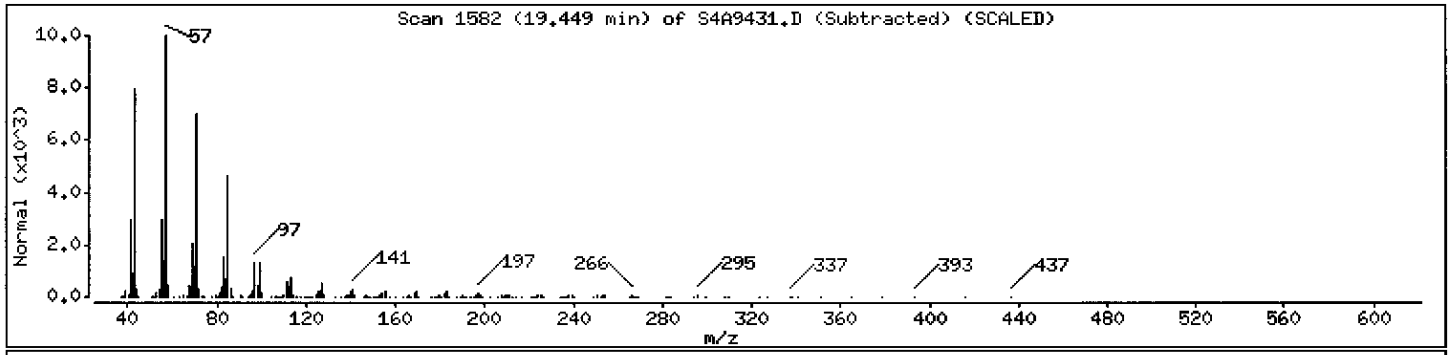
Client ID: SD04-S-0 Instrument: S4.i

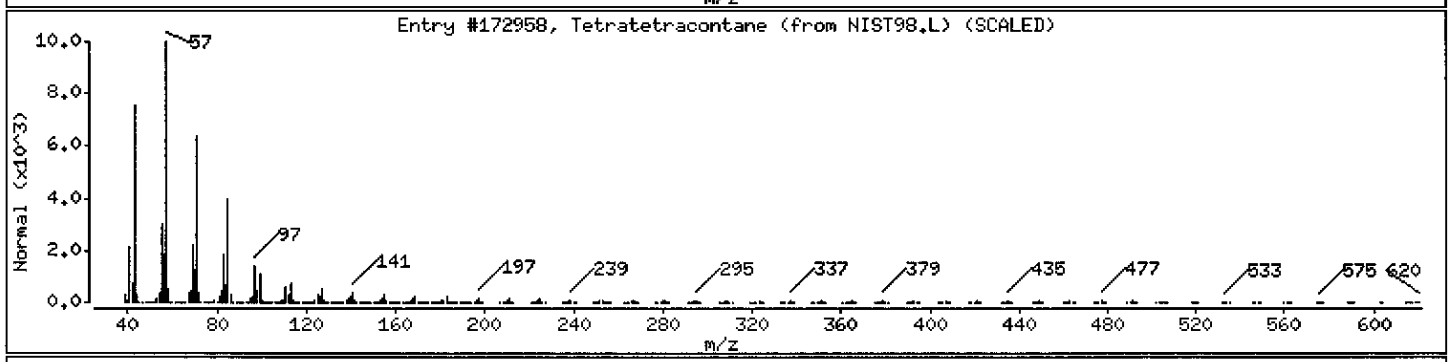
Sample Info: D0926-14A,,19468,,

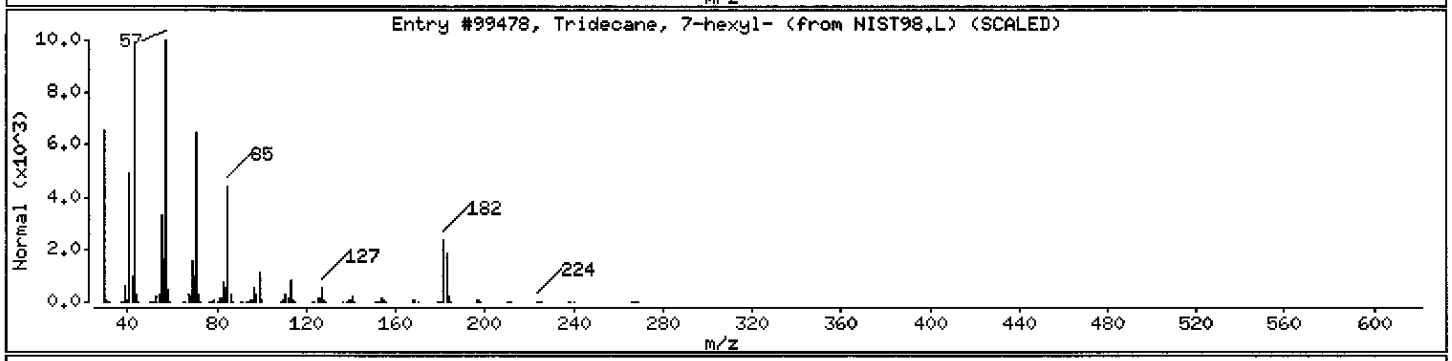
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

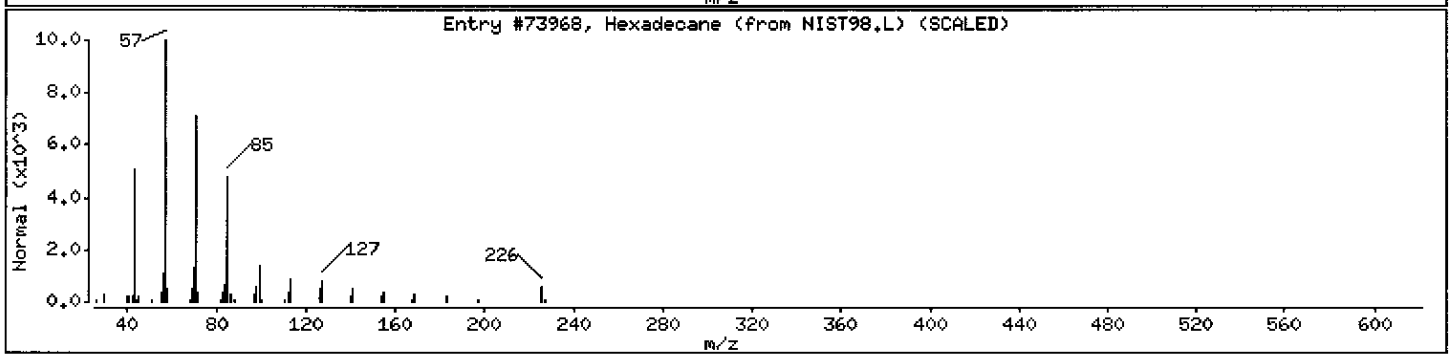
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Tetratetracontane	7098-22-8	NIST98.L	172958	91	C44H90	619
Tridecane, 7-hexyl-	7225-66-3	NIST98.L	99478	91	C19H40	268
Hexadecane	544-76-3	NIST98.L	73968	91	C16H34	226









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Date : 24-AUG-2005 17:51

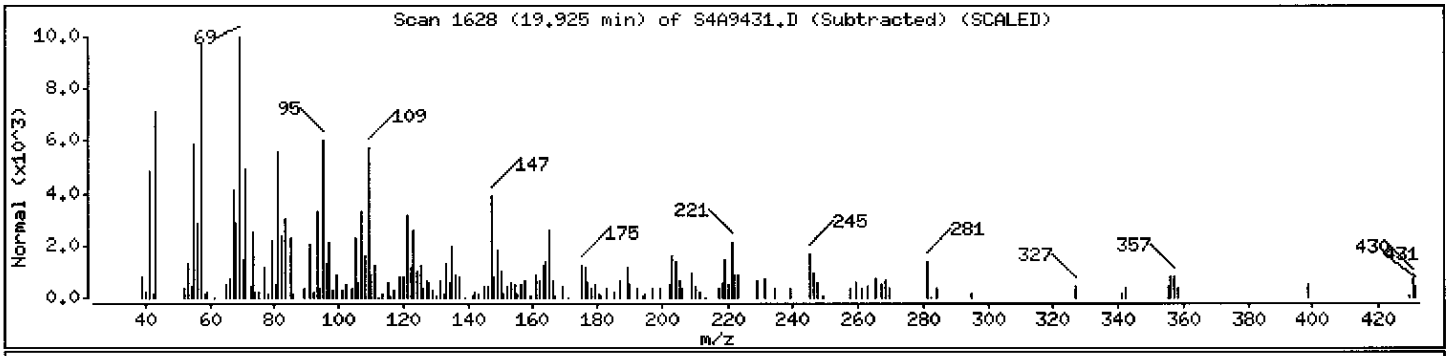
Client ID: SD04-S-0 Instrument: S4.i

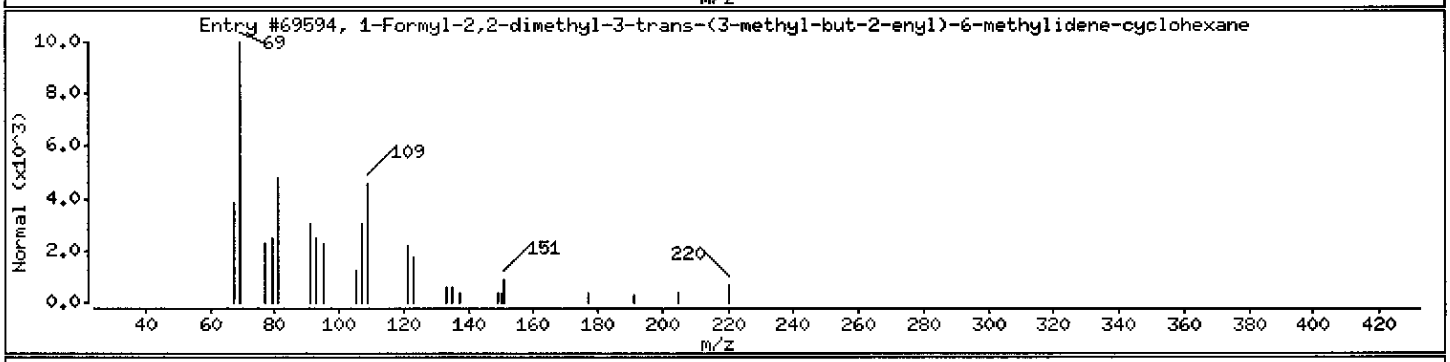
Sample Info: D0926-14A,,19468,,

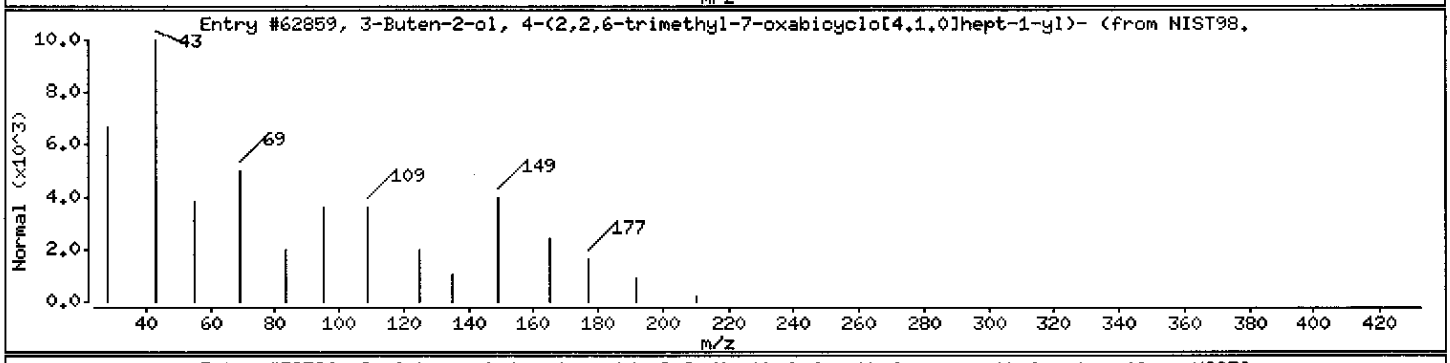
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

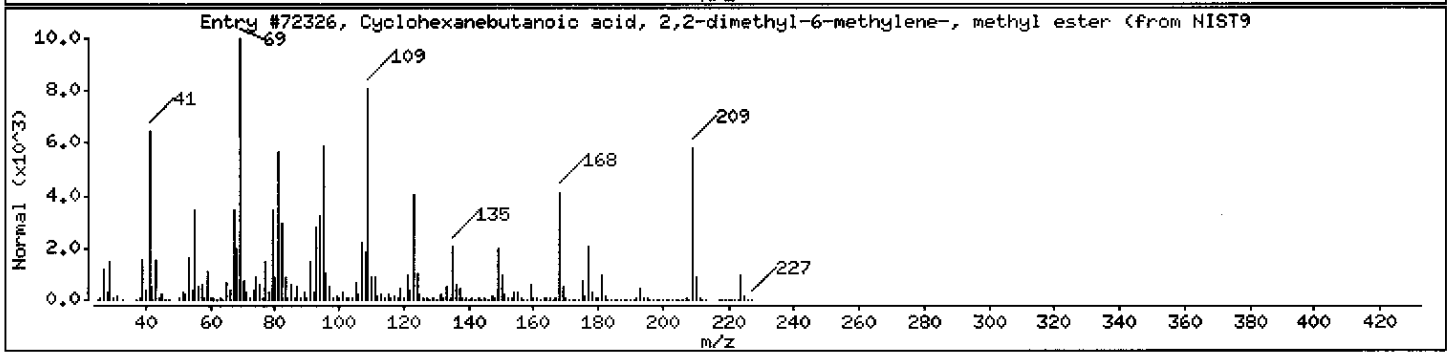
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Formyl-2,2-dimethyl-3-trans-(3-methyl-	1000144-09-7	NIST98.L	69594	64	C15H240	220
3-Buten-2-ol, 4-(2,2,6-trimethyl-7-oxabi	51138-08-0	NIST98.L	62859	49	C13H2202	210
Cyclohexanebutanoic acid, 2,2-dimethyl-6	95452-15-6	NIST98.L	72326	47	C14H2402	224









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Date : 24-AUG-2005 17:51

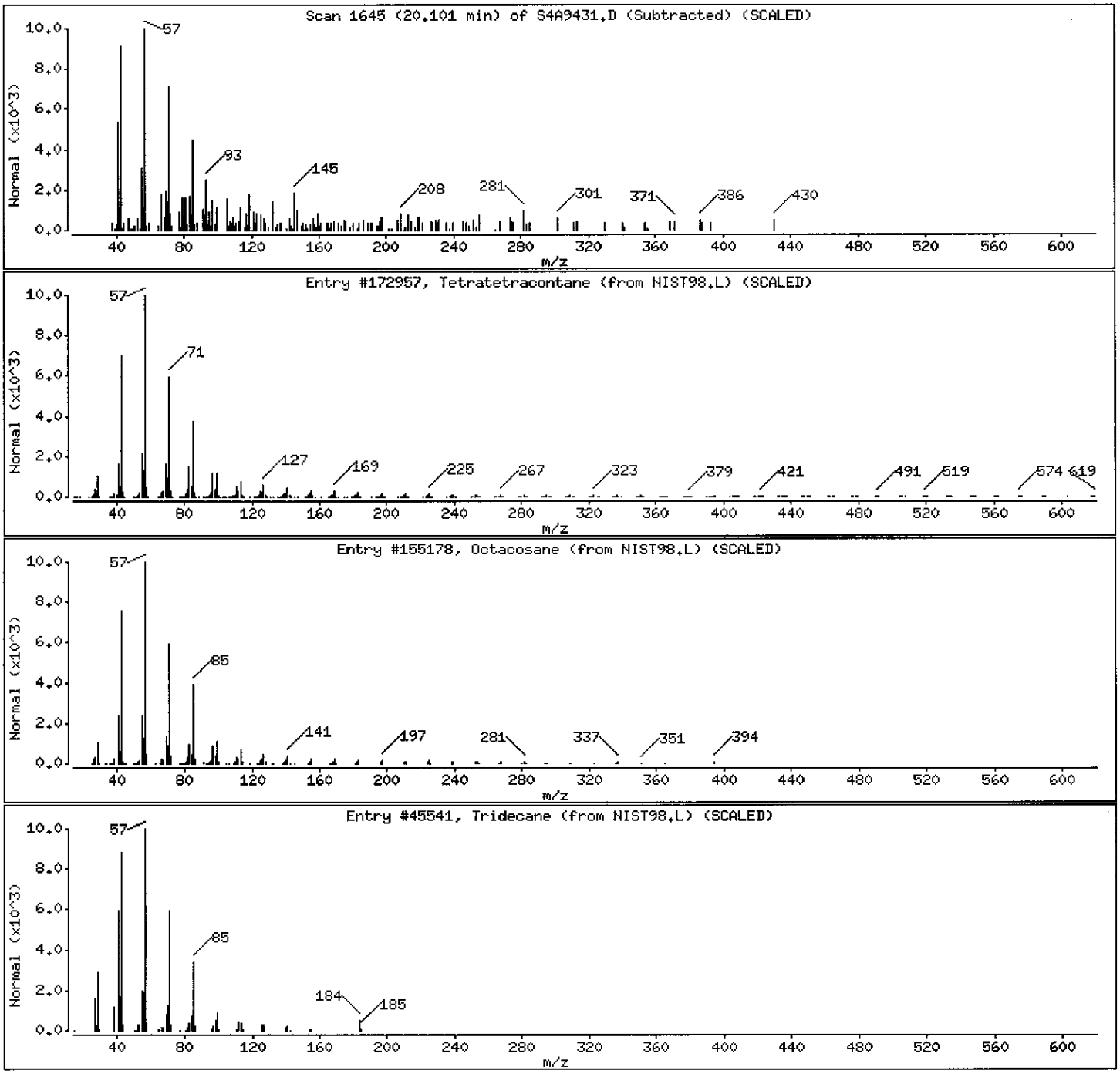
Client ID: SD04-S-0 Instrument: S4.i

Sample Info: D0926-14A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Tetratetracontane	7098-22-8	NIST98.L	172957	53	C44H90	619
Octacosane	630-02-4	NIST98.L	155178	53	C28H58	394
Tridecane	629-50-5	NIST98.L	45541	53	C13H28	184



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Date : 24-AUG-2005 17:51

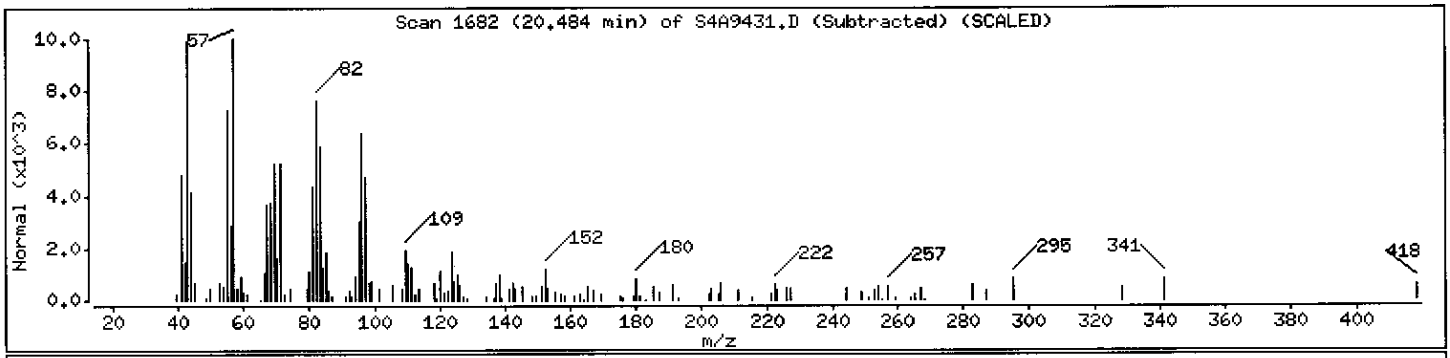
Client ID: SD04-S-0 Instrument: S4.i

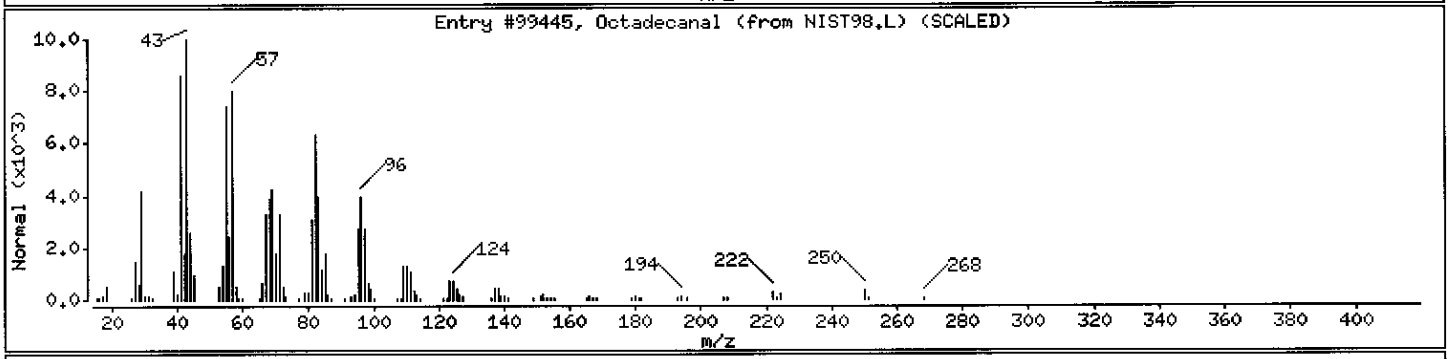
Sample Info: D0926-14A,,19468,,

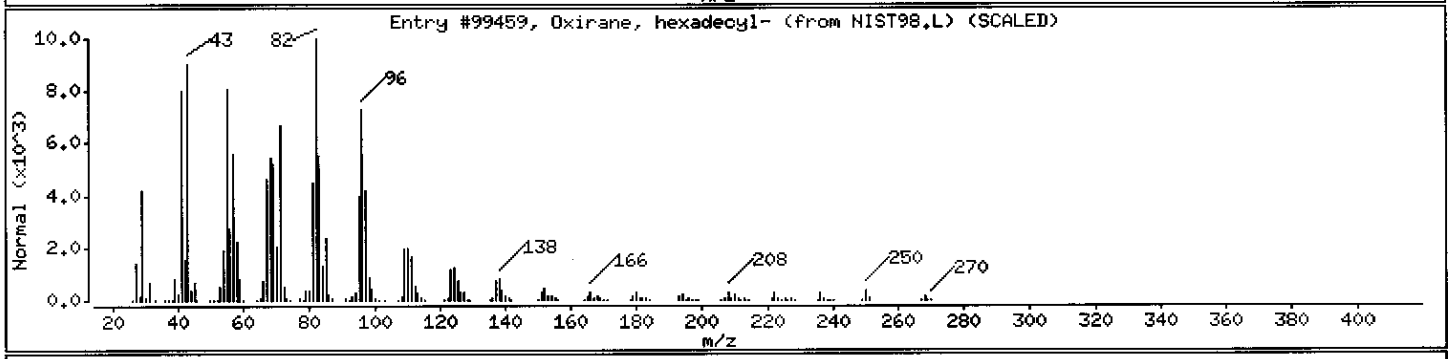
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

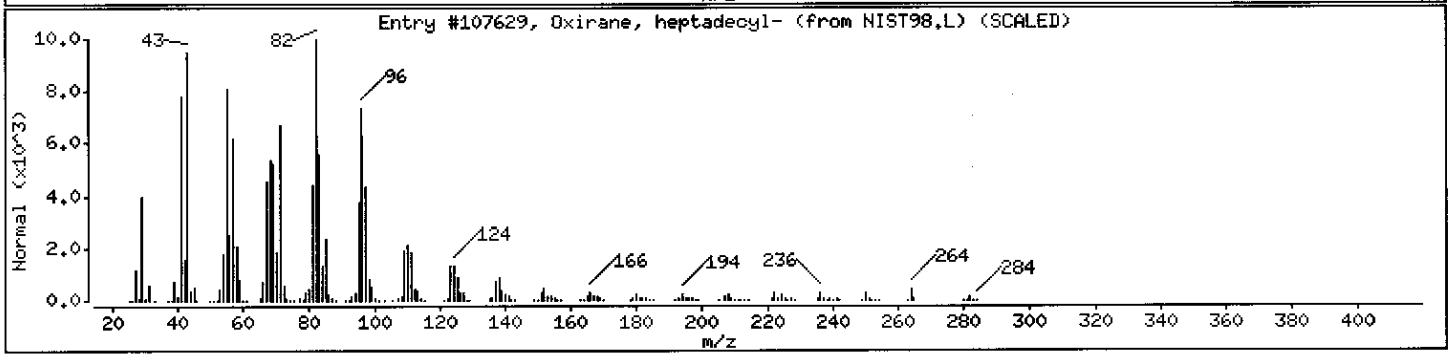
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Octadecanal	638-66-4	NIST98.L	99445	68	C18H36O	268
Oxirane, hexadecyl-	7390-81-0	NIST98.L	99459	62	C18H36O	268
Oxirane, heptadecyl-	67860-04-2	NIST98.L	107629	58	C19H38O	282









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Date : 24-AUG-2005 17:51

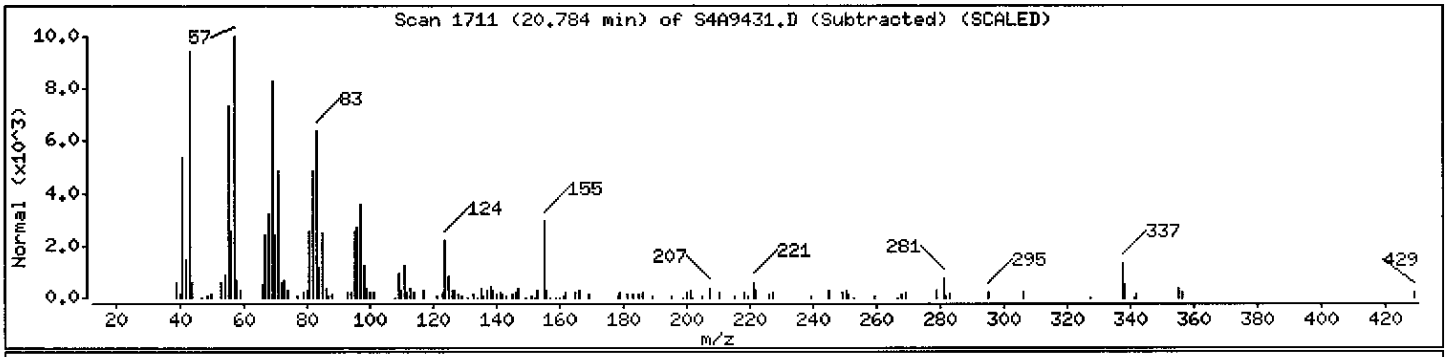
Client ID: SD04-S-0 Instrument: S4.i

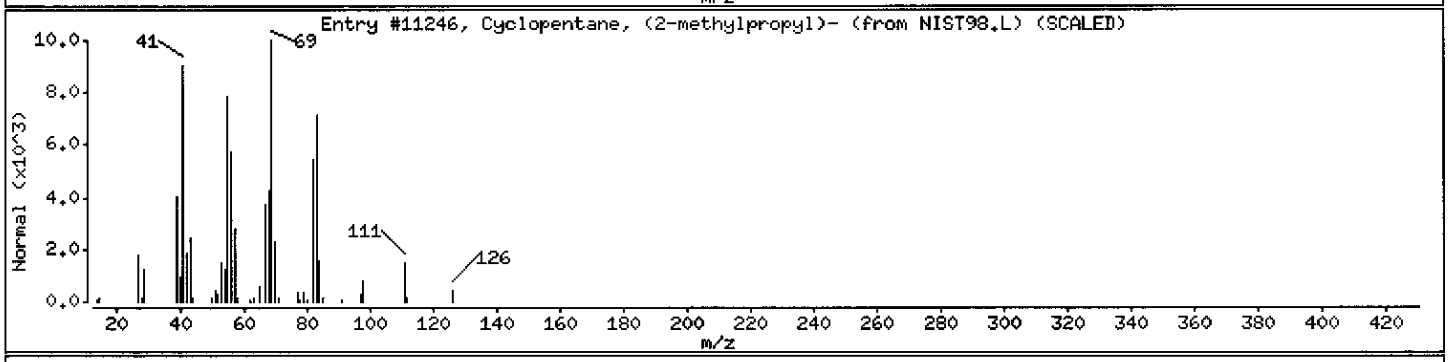
Sample Info: D0926-14A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclopentane, (2-methylpropyl)-	3788-32-7	NIST98.L	11246	70	C9H18	126





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Date : 24-AUG-2005 17:51

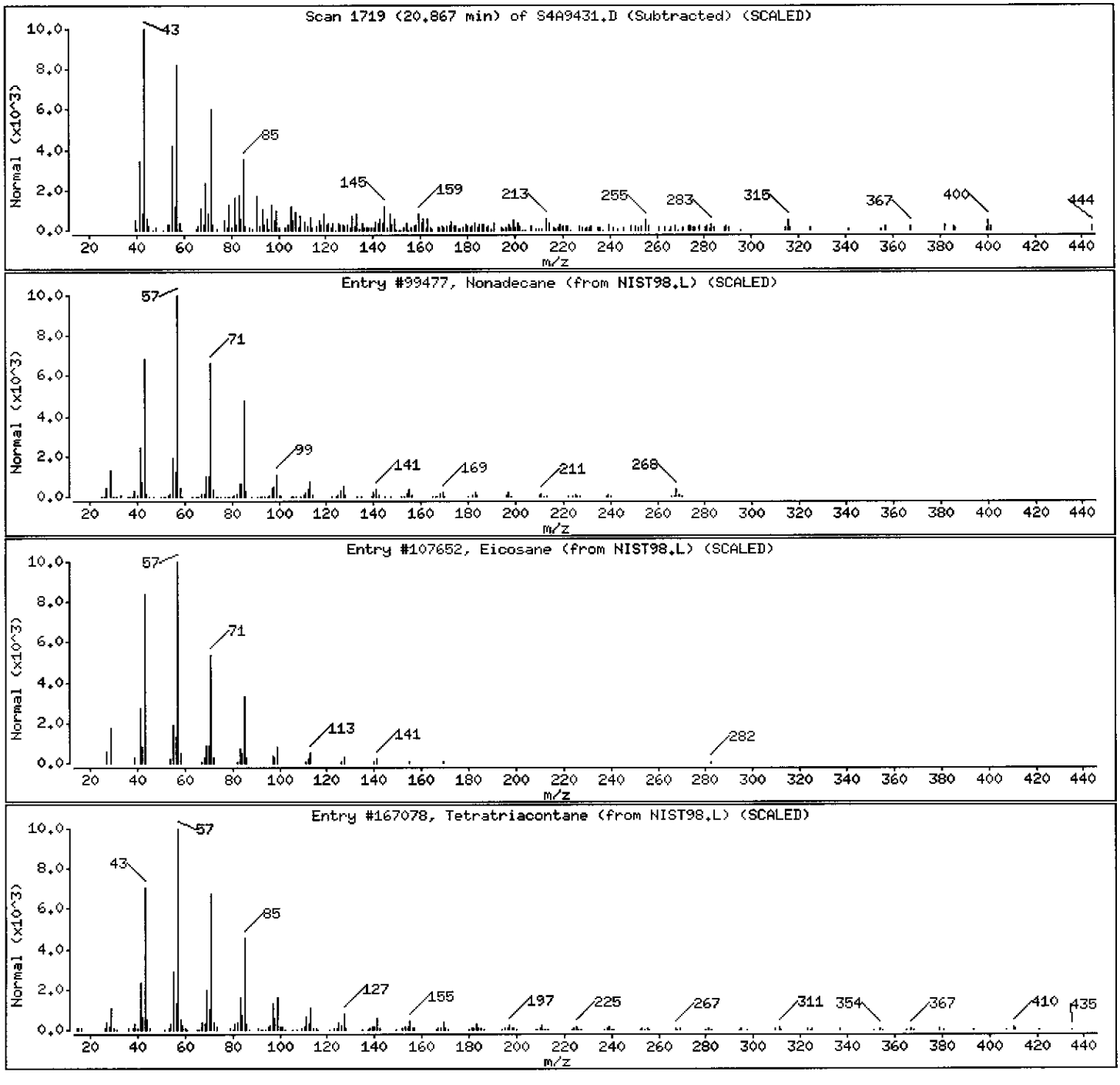
Client ID: SD04-S-0 Instrument: S4.i

Sample Info: D0926-14A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Nonadecane	629-92-5	NIST98.L	99477	93	C19H40	268
Eicosane	112-95-8	NIST98.L	107652	78	C20H42	282
Tetratriacontane	14167-59-0	NIST98.L	167078	74	C34H70	479



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Date : 24-AUG-2005 17:51

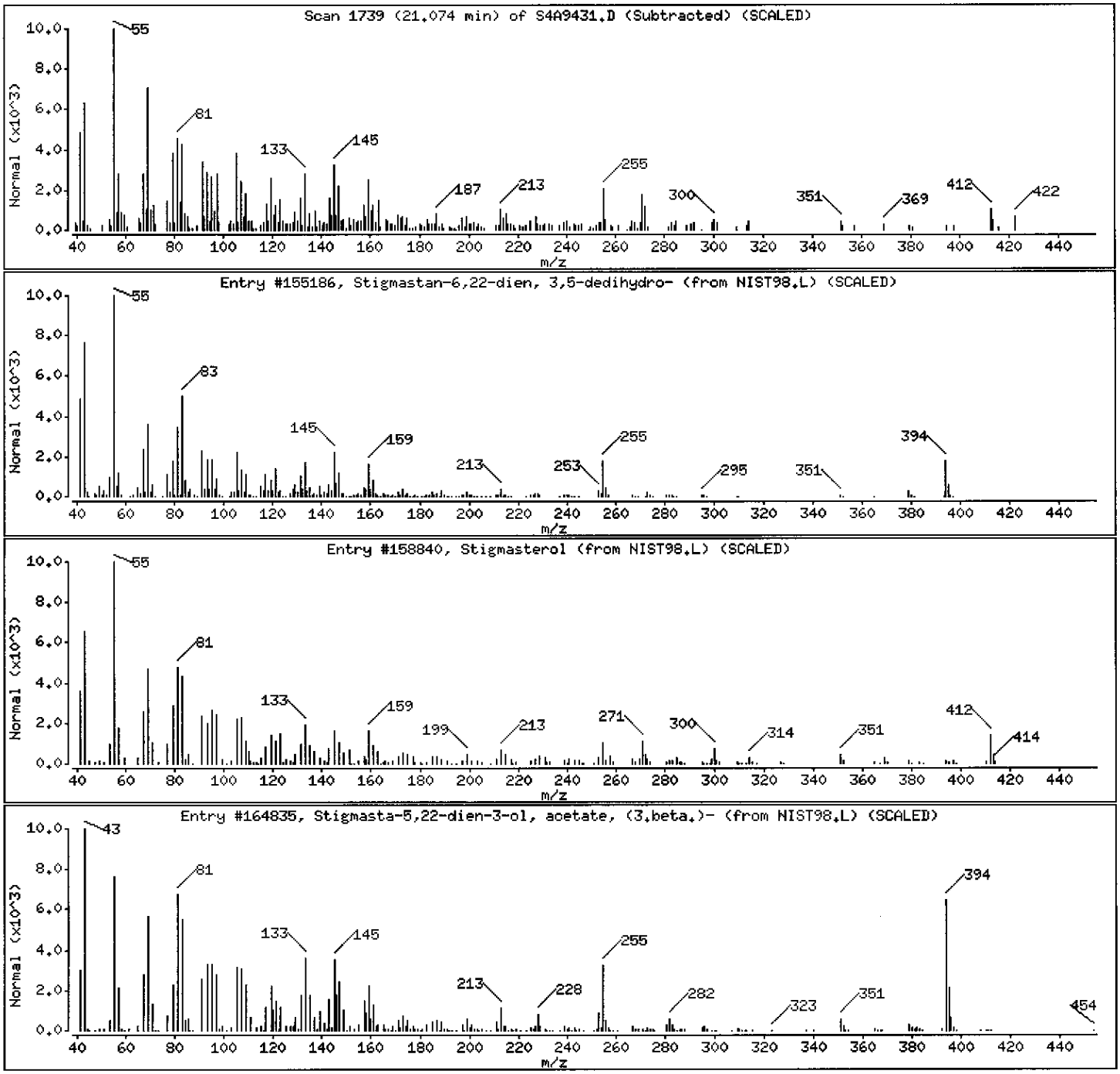
Client ID: SD04-S-0 Instrument: S4.i

Sample Info: D0926-14A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Stigmastan-6,22-dien, 3,5-dedihydro-	107304-12-1	NIST98.L	155186	91	C29H46	394
Stigmasterol	83-48-7	NIST98.L	158840	78	C29H480	412
Stigmasta-5,22-dien-3-ol, acetate, (3.be	4651-48-3	NIST98.L	164835	58	C31H5002	454



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Date : 24-AUG-2005 17:51

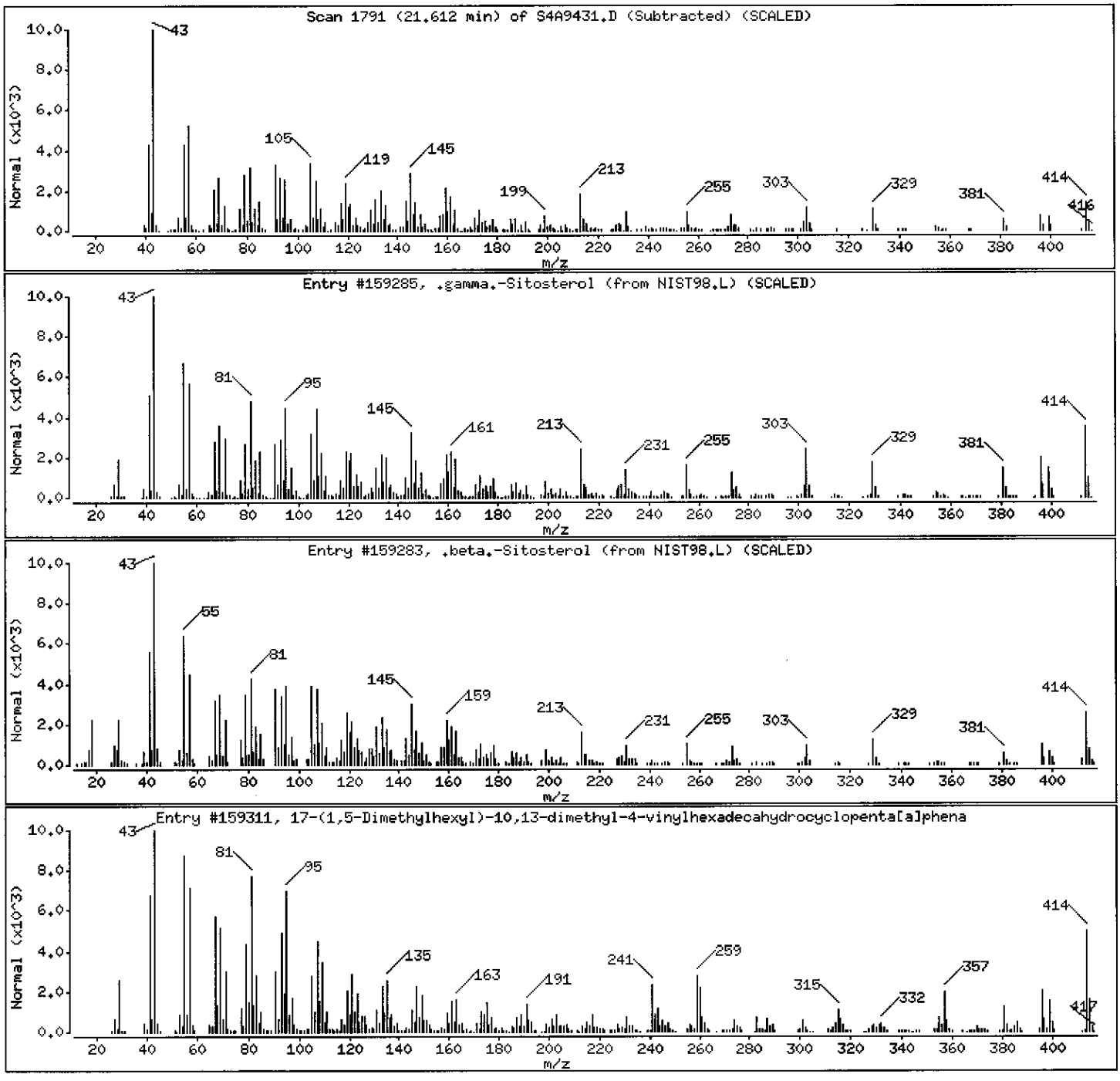
Client ID: SD04-S-0 Instrument: S4.i

Sample Info: D0926-14A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.gamma.-Sitosterol	83-47-6	NIST98.L	159285	96	C29H50O	414
.beta.-Sitosterol	83-46-5	NIST98.L	159283	93	C29H50O	414
17-(1,5-Dimethylhexyl)-10,13-dimethyl-4-	1000210-86-9	NIST98.L	159311	92	C29H50O	414



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Date : 24-AUG-2005 17:51

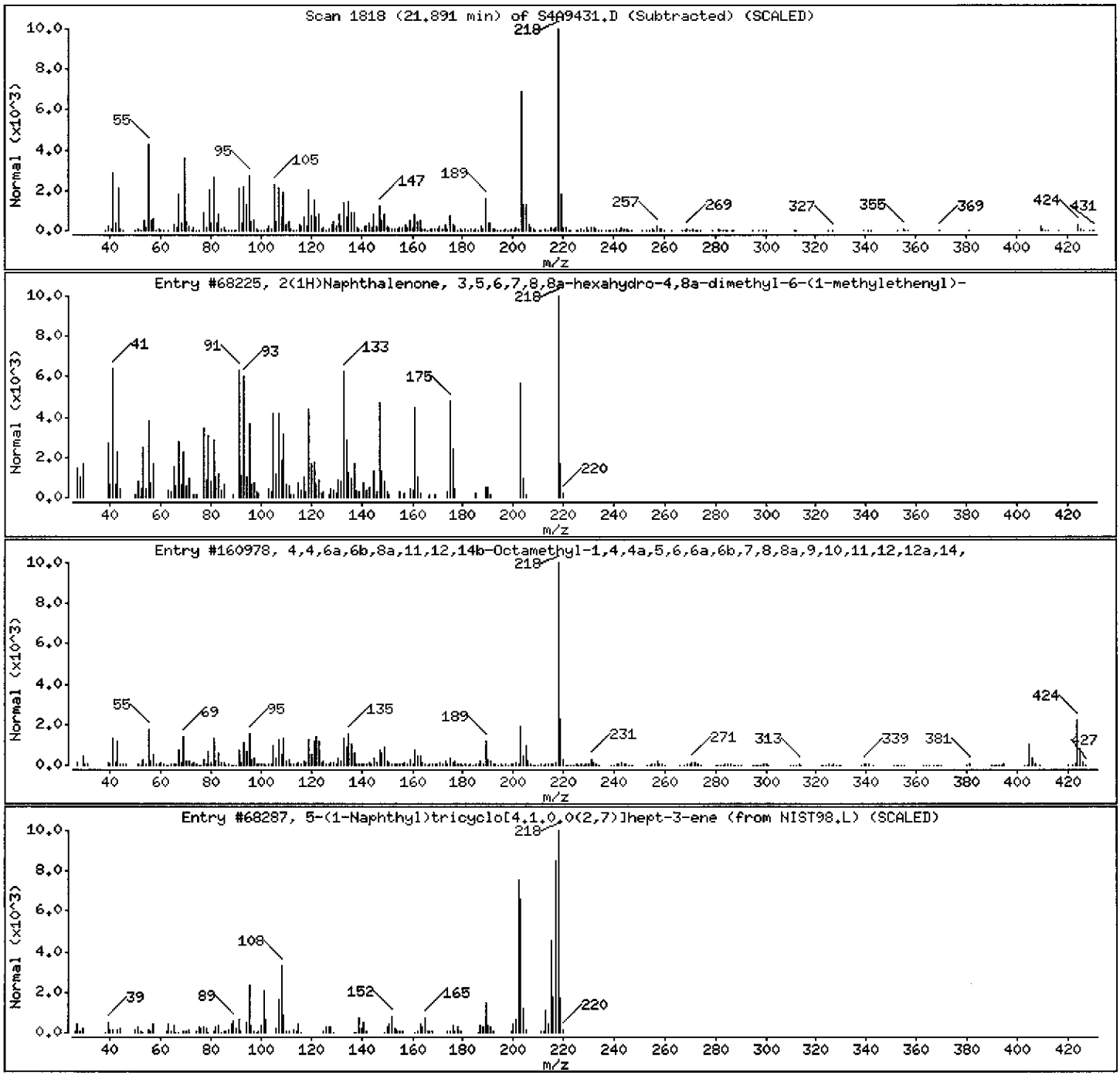
Client ID: SD04-S-0 Instrument: S4.i

Sample Info: D0926-14A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2(1H)Naphthalenone, 3,5,6,7,8,8a-hexahyd	1000188-66-5	NIST98.L	68225	90	C15H220	218
4,4,6a,6b,8a,11,12,14b-Octamethyl-1,4,4a	1000194-64-2	NIST98.L	160978	64	C30H480	424
5-(1-Naphthyl)tricyclo[4.1.0.0(2,7)]hept	107729-05-5	NIST98.L	68287	62	C17H14	218



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Date : 24-AUG-2005 17:51

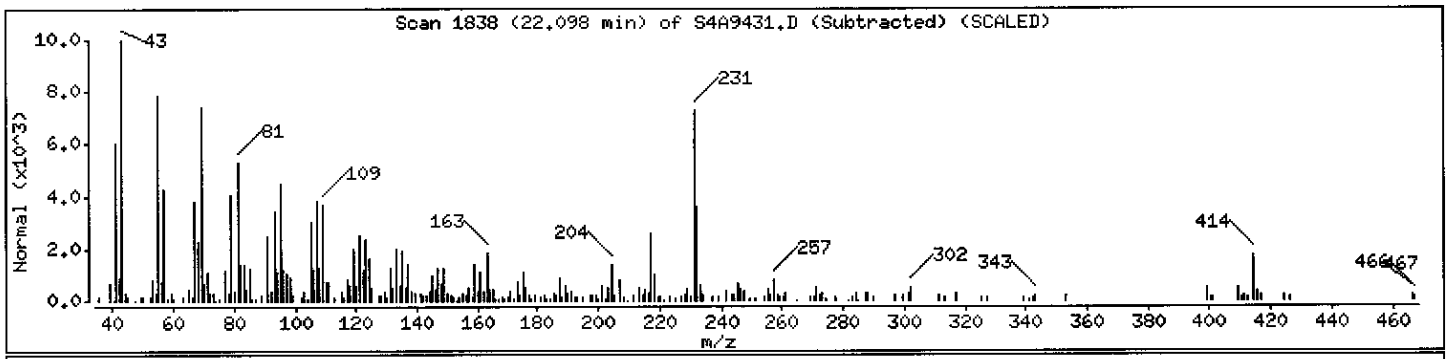
Client ID: SD04-S-0 Instrument: S4.i

Sample Info: D0926-14A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 24-AUG-2005 17:51

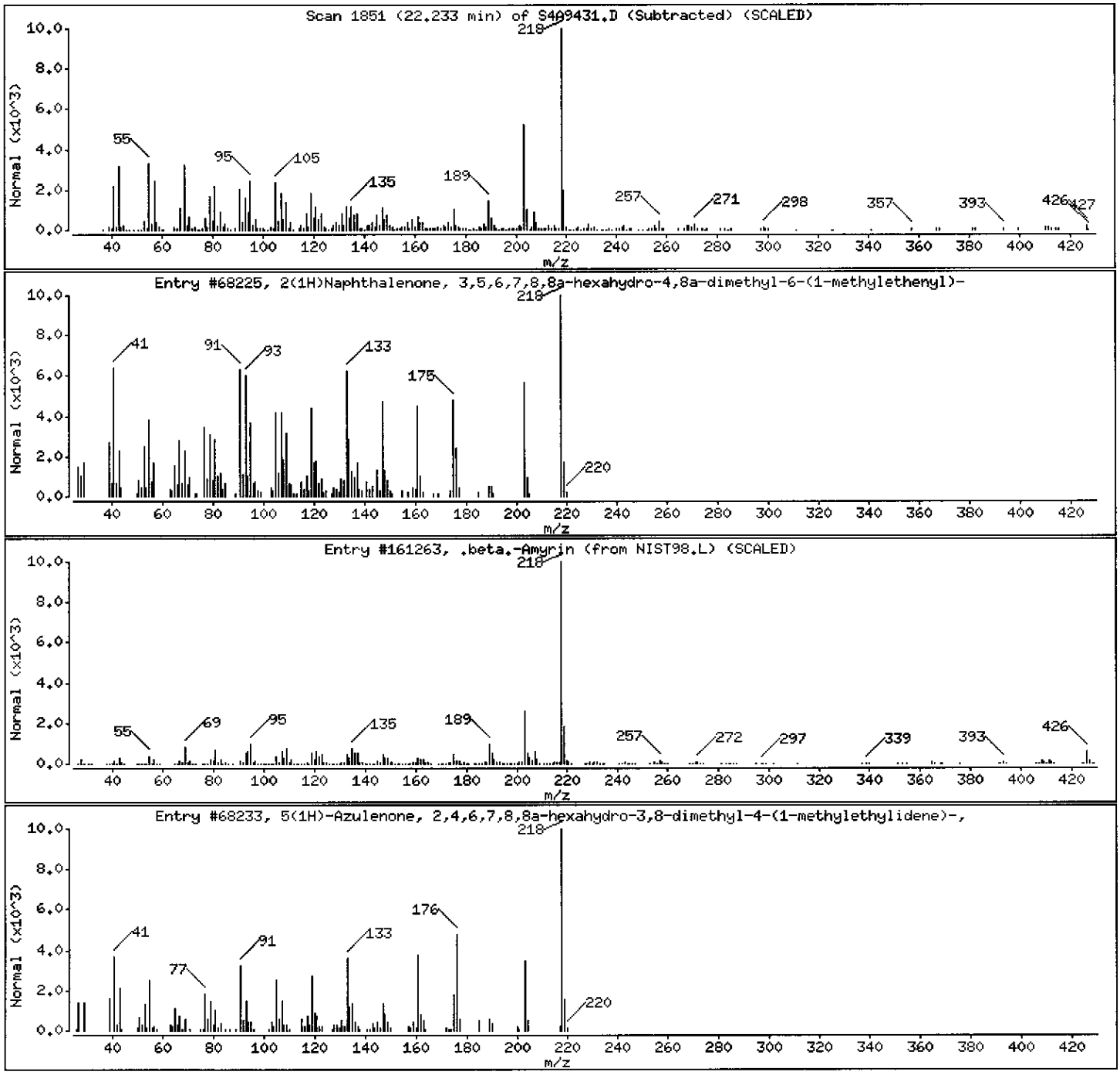
Client ID: SD04-S-0 Instrument: S4.i

Sample Info: D0926-14A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2(1H)Naphthalenone, 3,5,6,7,8,8a-hexahyd	1000188-66-5	NIST98.L	68225	91	C15H220	218
.beta.-Amyrin	559-70-6	NIST98.L	161263	64	C30H500	426
5(1H)-Azulenone, 2,4,6,7,8,8a-hexahydro-	6754-66-1	NIST98.L	68233	60	C15H220	218



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Date : 24-AUG-2005 17:51

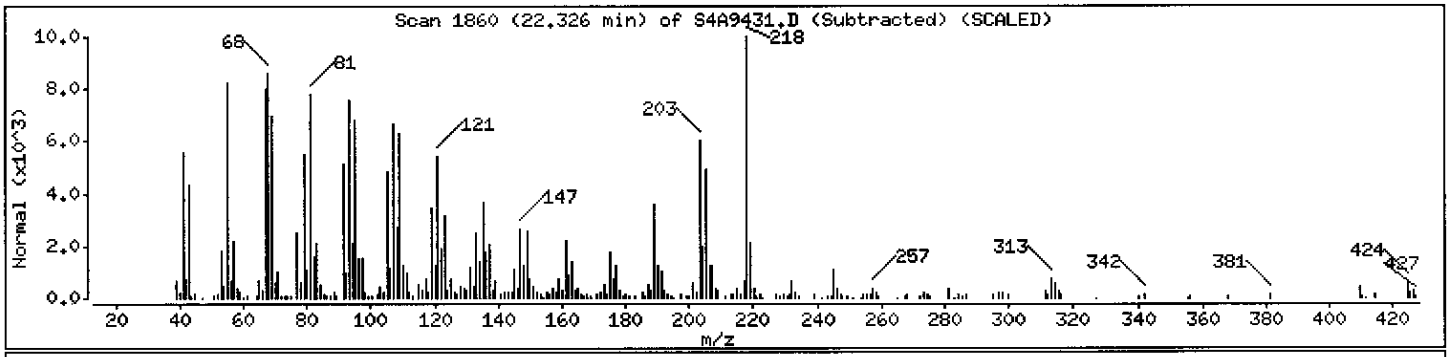
Client ID: SD04-S-0 Instrument: S4.i

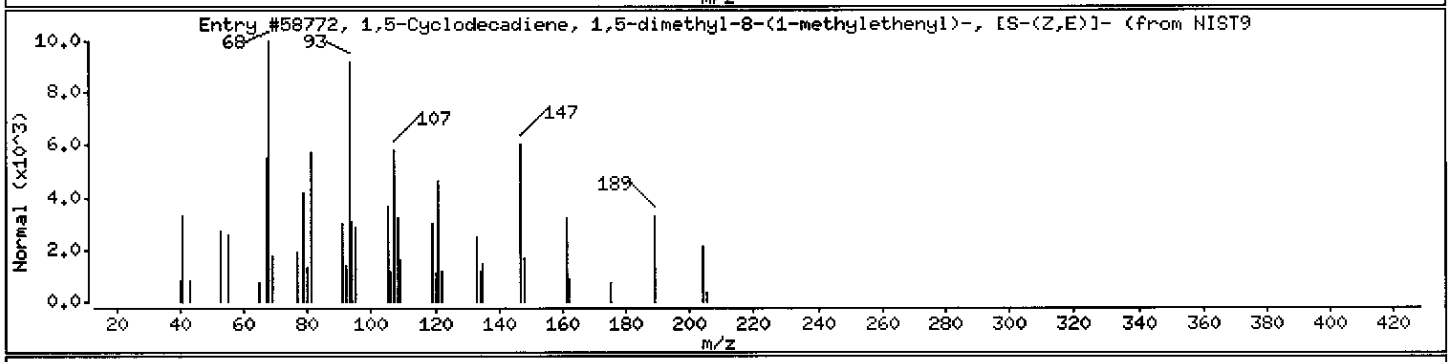
Sample Info: D0926-14A,,19468,,

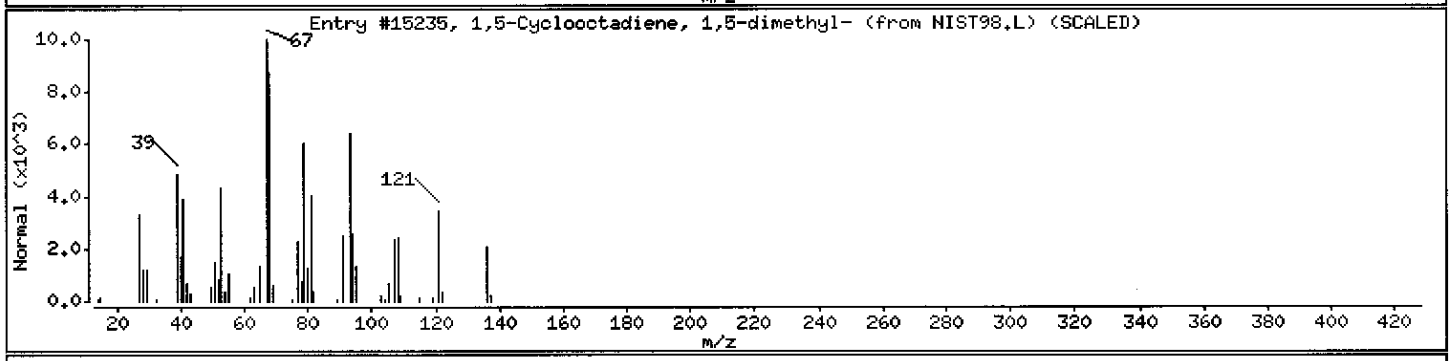
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

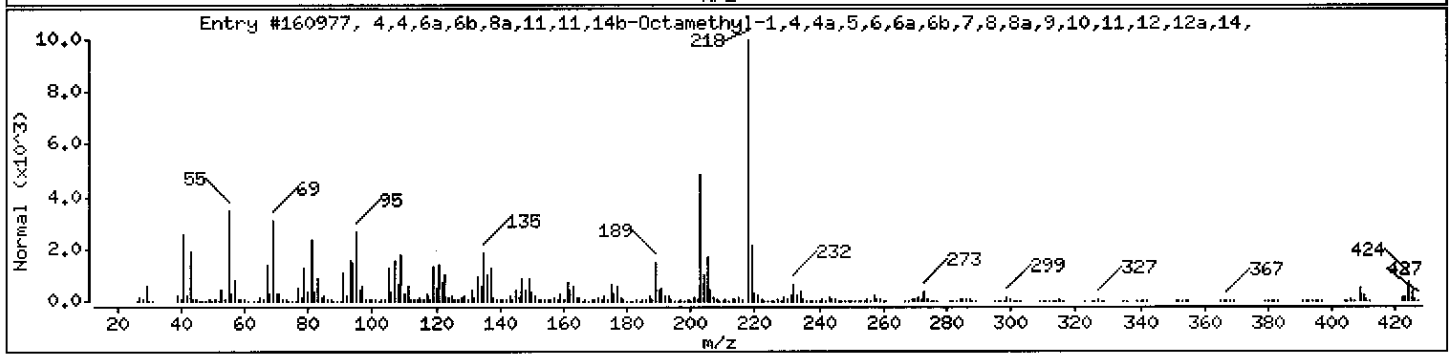
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1,5-Cyclodecadiene, 1,5-dimethyl-8-(1-me	75023-40-4	NIST98.L	58772	55	C15H24	204
1,5-Cyclooctadiene, 1,5-dimethyl-	3760-14-3	NIST98.L	15235	55	C10H16	136
4,4,6a,6b,8a,11,11,14b-Octamethyl-1,4,4a	1000194-62-4	NIST98.L	160977	53	C30H480	424









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Date : 24-AUG-2005 17:51

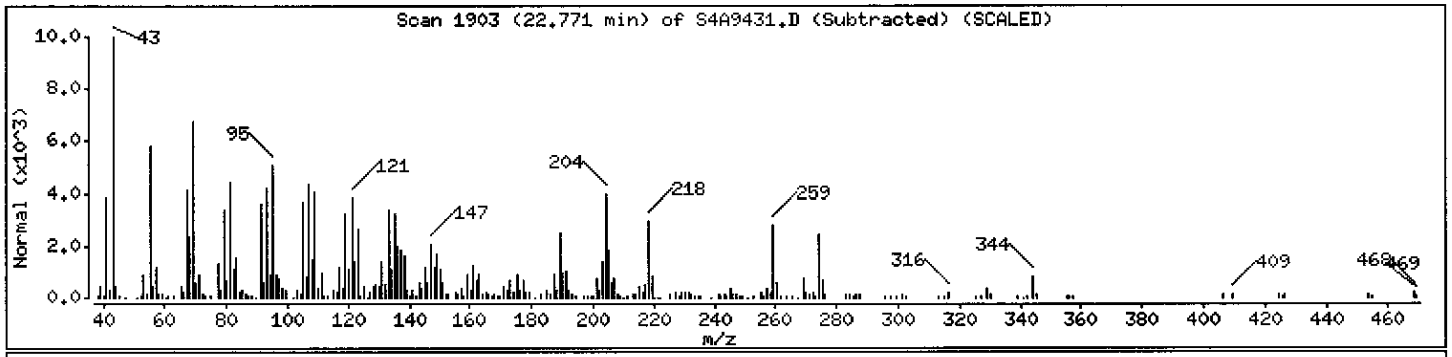
Client ID: SD04-S-0 Instrument: S4.i

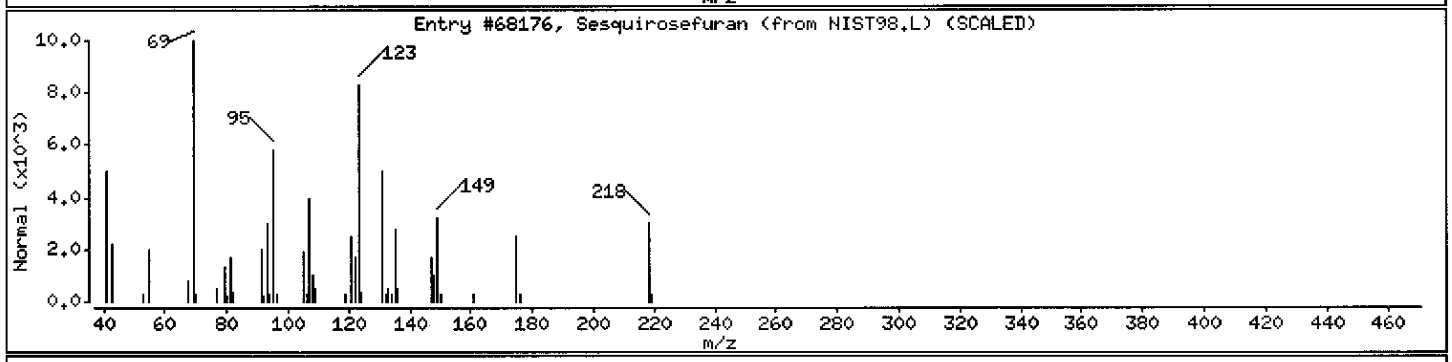
Sample Info: D0926-14A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Sesquirosefuran	39007-93-7	NIST98.L	68176	41	C15H22O	218





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Date : 24-AUG-2005 17:51

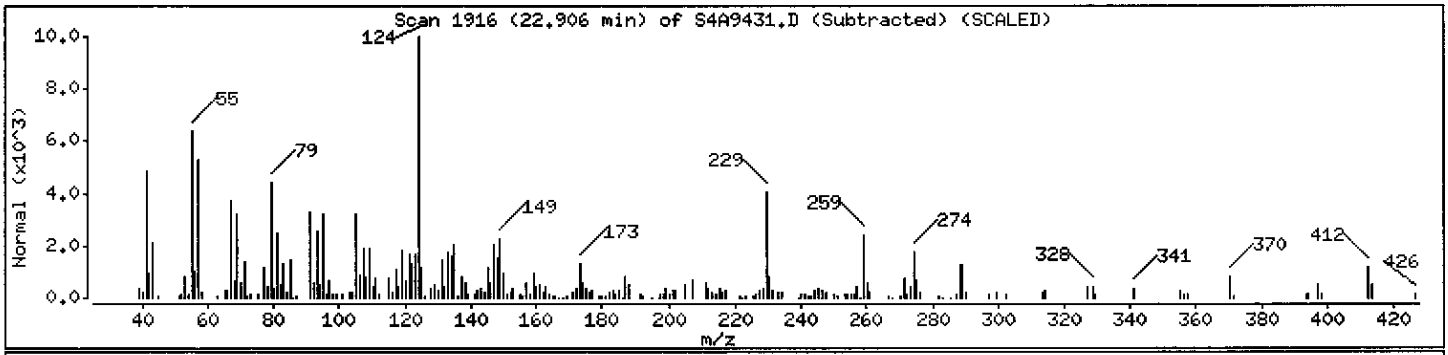
Client ID: SD04-S-0 Instrument: S4.i

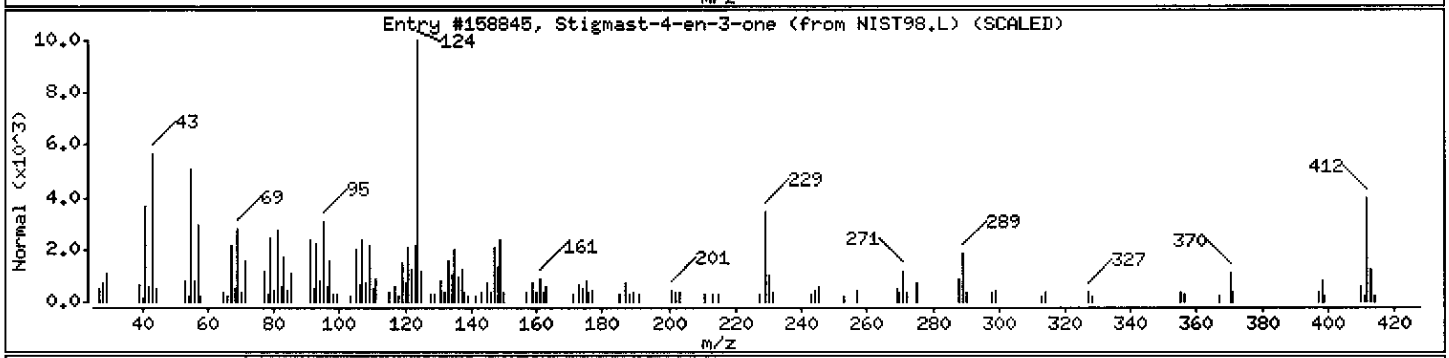
Sample Info: D0926-14A,,19468,,

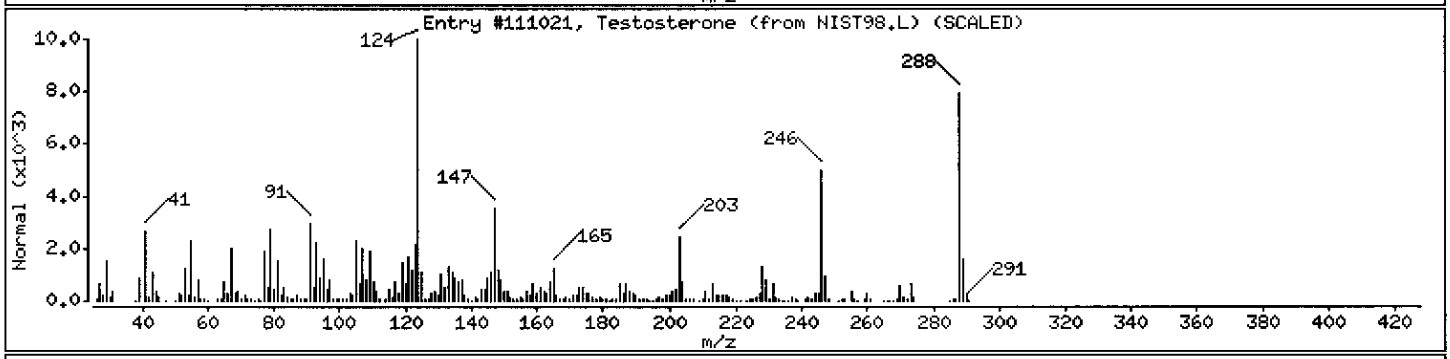
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

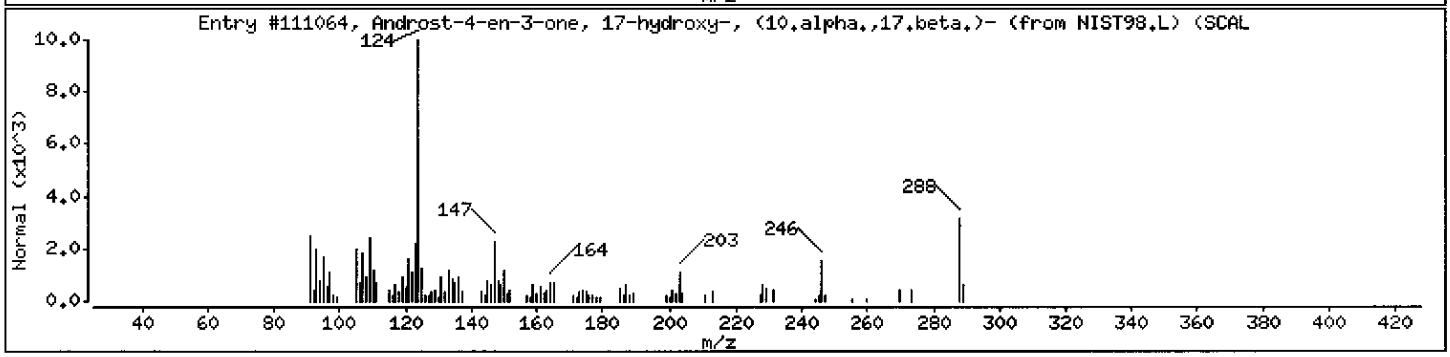
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Stigmast-4-en-3-one	1058-61-3	NIST98.L	158845	95	C29H480	412
Testosterone	58-22-0	NIST98.L	111021	64	C19H2802	288
Androst-4-en-3-one, 17-hydroxy-, (10.alp	604-39-7	NIST98.L	111064	43	C19H2802	288









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Date : 24-AUG-2005 17:51

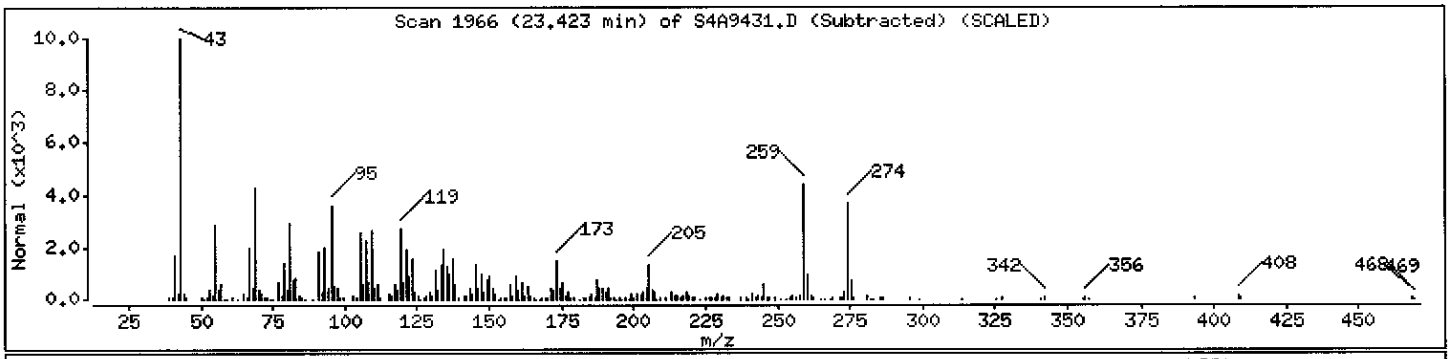
Client ID: SD04-S-0 Instrument: S4.i

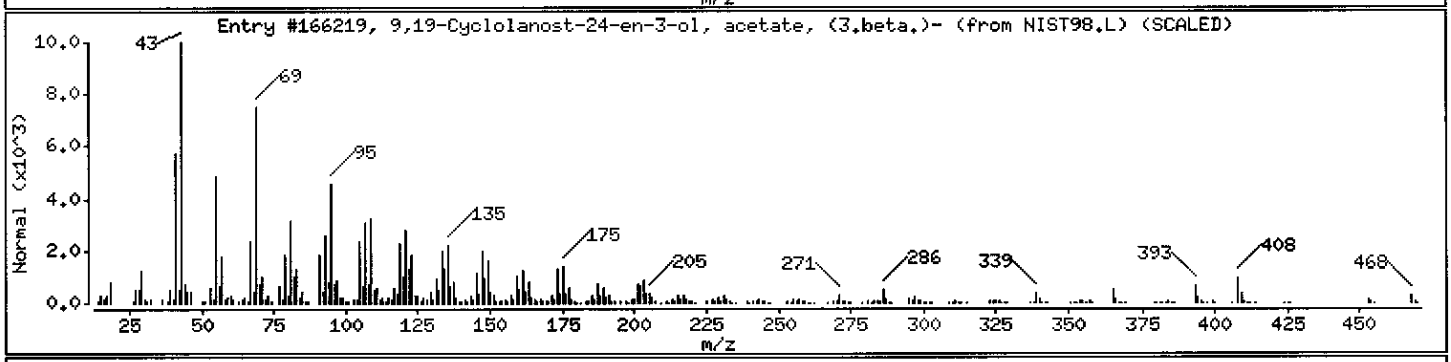
Sample Info: D0926-14A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
9,19-Cyclolanost-24-en-3-ol, acetate, (3	1259-10-5	NIST98.L	166219	42	C32H5202	468





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Date : 24-AUG-2005 17:51

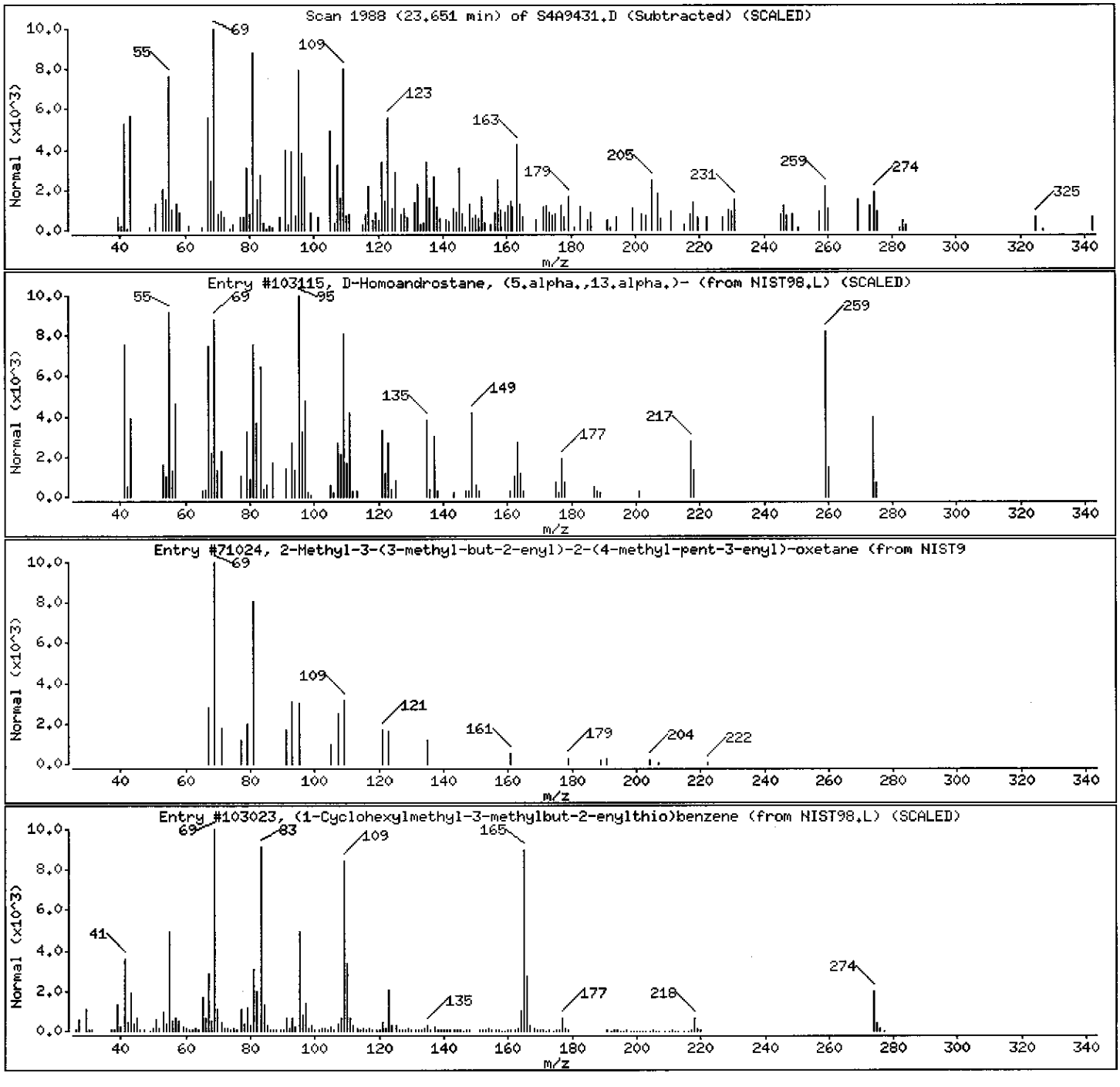
Client ID: SD04-S-0 Instrument: S4.i

Sample Info: D0926-14A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
D-Homoandrostane, (5.alpha.,13.alpha.)-	54482-31-4	NIST98.L	103115	58	C20H34	274
2-Methyl-3-(3-methyl-but-2-enyl)-2-(4-me	1000144-10-2	NIST98.L	71024	52	C15H260	222
(1-Cyclohexylmethyl-3-methylbut-2-enylth	1000191-26-0	NIST98.L	103023	46	C18H26S	274



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Date : 24-AUG-2005 17:51

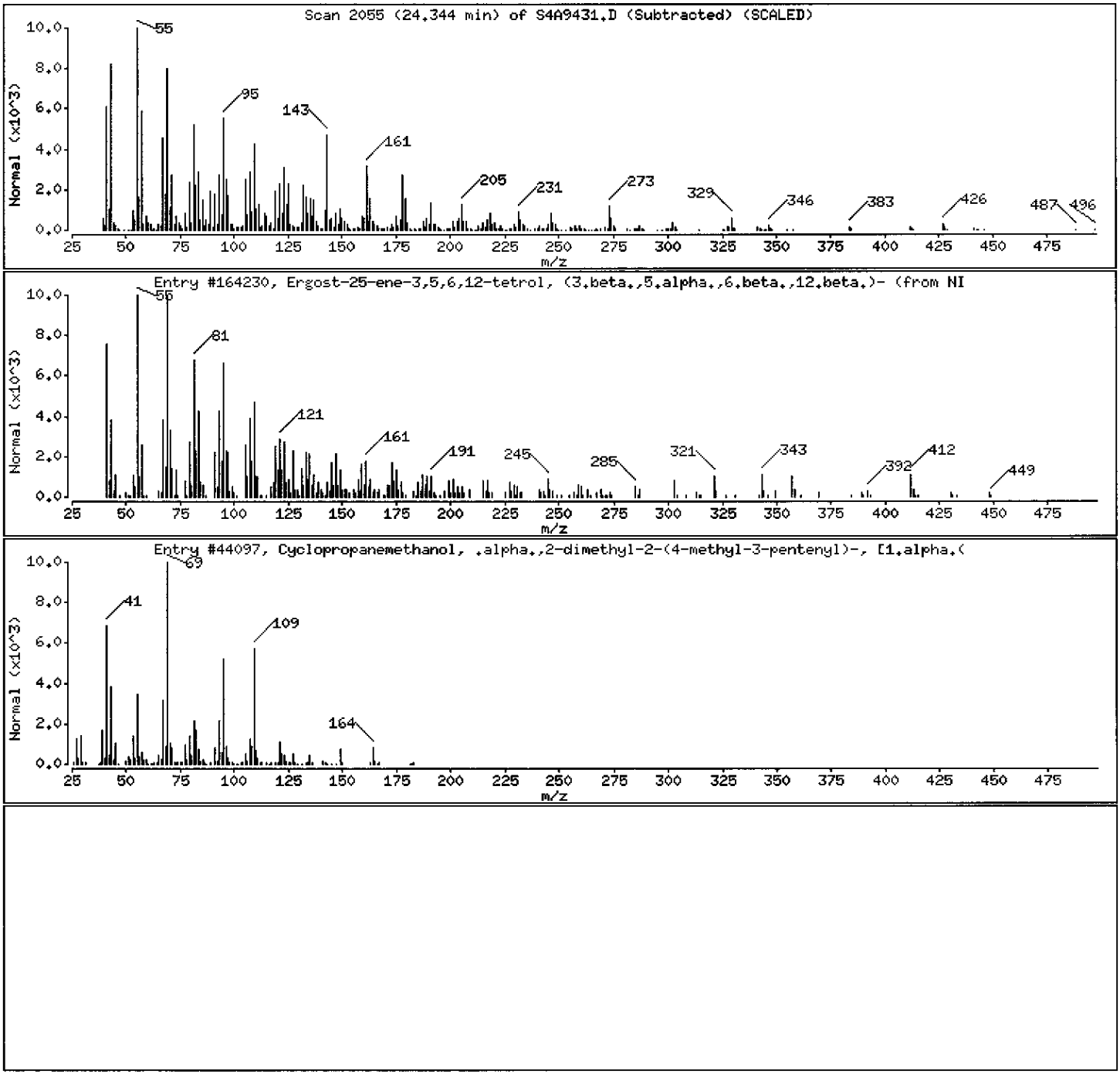
Client ID: SD04-S-0 Instrument: S4.i

Sample Info: D0926-14A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Ergost-25-ene-3,5,6,12-tetrol, (3.beta.,	56052-97-2	NIST98.L	164230	46	C28H4804	448
Cyclopropanemethanol, .alpha.,2-dimethyl	121959-70-4	NIST98.L	44097	43	C12H220	182



1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD05-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-08A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9446

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 76 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1400	U
108-95-2	Phenol	1400	U
111-44-4	bis(2-Chloroethyl)Ether	1400	U
95-57-8	2-Chlorophenol	1400	U
95-48-7	2-Methylphenol	1400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1400	U
98-86-2	Acetophenone	1400	U
106-44-5	4-Methylphenol	1400	U
621-64-7	N-Nitroso-di-n-propylamine	1400	U
67-72-1	Hexachloroethane	1400	U
98-95-3	Nitrobenzene	1400	U
78-59-1	Isophorone	1400	U
88-75-5	2-Nitrophenol	1400	U
105-67-9	2,4-Dimethylphenol	1400	U
111-91-1	bis(2-Chloroethoxy)methane	1400	U
120-83-2	2,4-Dichlorophenol	1400	U
91-20-3	Naphthalene	1400	U
106-47-8	4-Chloroaniline	1400	U
87-68-3	Hexachlorobutadiene	1400	U
105-60-2	Caprolactam	1400	U
59-50-7	4-Chloro-3-Methylphenol	1400	U
91-57-6	2-Methylnaphthalene	1400	U
77-47-4	Hexachlorocyclopentadiene	1400	U
88-06-2	2,4,6-Trichlorophenol	1400	U
95-95-4	2,4,5-Trichlorophenol	3500	U
92-52-4	1,1'-Biphenyl	1400	U
91-58-7	2-Chloronaphthalene	1400	U
88-74-4	2-Nitroaniline	3500	U
131-11-3	Dimethylphthalate	1400	U
606-20-2	2,6-Dinitrotoluene	1400	U
208-96-8	Acenaphthylene	1400	U
99-09-2	3-Nitroaniline	3500	U
83-32-9	Acenaphthene	1400	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD05-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-08A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9446

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 76 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	3500	U
100-02-7	4-Nitrophenol	3500	U
132-64-9	Dibenzofuran	1400	U
121-14-2	2,4-Dinitrotoluene	1400	U
84-66-2	Diethylphthalate	1400	U
86-73-7	Fluorene	1400	U
7005-72-3	4-Chlorophenyl-phenylether	1400	U
100-01-6	4-Nitroaniline	3500	U
534-52-1	4,6-Dinitro-2-methylphenol	3500	U
86-30-6	N-Nitrosodiphenylamine (1)	1400	U
101-55-3	4-Bromophenyl-phenylether	1400	U
118-74-1	Hexachlorobenzene	1400	U
1912-24-9	Atrazine	1400	U
87-86-5	Pentachlorophenol	3500	U
85-01-8	Phenanthrene	1400	U
120-12-7	Anthracene	1400	U
86-74-8	Carbazole	1400	U
84-74-2	Di-n-butylphthalate	1400	U
206-44-0	Fluoranthene	1400	U
129-00-0	Pyrene	190	J
85-68-7	Butylbenzylphthalate	1400	U
91-94-1	3,3'-Dichlorobenzidine	1400	U
56-55-3	Benzo(a)anthracene	1400	U
218-01-9	Chrysene	1400	U
117-81-7	bis(2-Ethylhexyl)phthalate	340	JB
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo(b)fluoranthene	1400	U
207-08-9	Benzo(k)fluoranthene	1400	U
50-32-8	Benzo(a)pyrene	1400	U
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U
53-70-3	Dibenzo(a,h)anthracene	1400	U
191-24-2	Benzo(g,h,i)perylene	1400	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD05-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-08A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9446

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 76 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

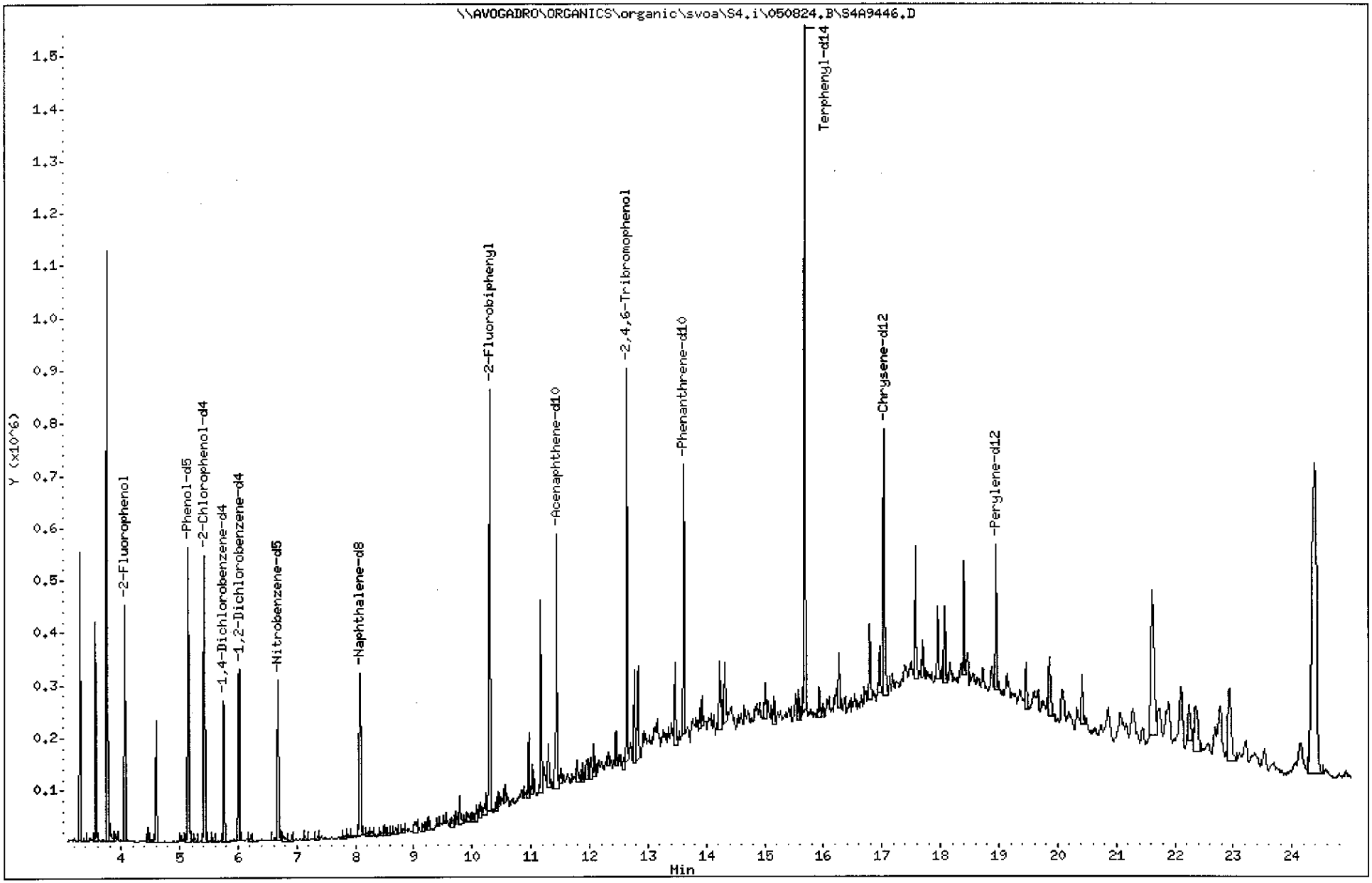
GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

Number TICs found: 28

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	9.02	360	J
2.		UNKNOWN	9.78	390	J
3.		UNKNOWN	10.23	310	J
4.		UNKNOWN	10.96	650	J
5.		UNKNOWN	11.02	310	J
6.		UNKNOWN	11.29	520	J
7.		UNKNOWN	11.78	380	J
8.		UNKNOWN	11.97	380	J
9.		UNKNOWN	12.02	280	J
10.		UNKNOWN	12.07	440	J
11.		UNKNOWN	13.93	330	J
12.	2091-29-4	9-HEXADECENOIC ACID	14.22	1000	NJ
13.	57-10-3	N-HEXADECANOIC ACID	14.30	880	NJ
14.		UNKNOWN	15.01	520	J
15.		UNKNOWN	15.15	380	J
16.	3674-73-5	PHENANTHRENE, 2,3,5-TRIMETHY	15.58	310	NJ
17.		UNKNOWN	15.92	470	J
18.		UNKNOWN	16.27	580	J
19.		UNKNOWN	17.70	380	J
20.		UNKNOWN	17.96	780	J
21.		UNKNOWN	18.07	1300	J
22.	53584-60-4	28-NOR-17.ALPHA.(H)-HOPANE	19.86	1900	NJ
23.		UNKNOWN	20.42	1300	J
24.	83-46-5	.BETA.-SITOSTEROL	21.61	6500	NJ
25.		UNKNOWN	22.24	1200	J
26.		UNKNOWN	22.36	2300	J
27.	1058-61-3	STIGMAST-4-EN-3-ONE	22.94	3300	NJ
28.		UNKNOWN	24.40	19000	JB
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D
Date : 25-AUG-2005 02:11
Client ID: SD05-S-0
Instrument: S4.i
Sample Info: D0926-08A,,19468,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



0795

Data File: S4A9446.D
Report Date: 31-Aug-2005 14:06

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D
Lab Smp Id: D0926-08A Client Smp ID: SD05-S-O
Inj Date : 25-AUG-2005 02:11
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-08A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D ✓
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	76.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	4.069	4.048	(0.706)	116341	77.2774	5400
$ 3	Phenol-d5	99	5.145	5.135	(0.892)	192402	89.4399	6200
$ 6	2-Chlorophenol-d4	132	5.414	5.414	(0.939)	163400	90.0448	6300
* 8	1,4-Dichlorobenzene-d4	152	5.766	5.755	(1.000)	54135	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	6.014	6.004	(1.043)	64642	51.4686	3600
$ 16	Nitrobenzene-d5	82	6.677	6.677	(0.826)	155036	61.4900	4300
* 23	Naphthalene-d8	136	8.084	8.074	(1.000)	219684	40.0000	
$ 33	2-Fluorobiphenyl	172	10.289	10.289	(0.900)	305884	74.1533	5100
* 41	Acenaphthene-d10	164	11.438	11.438	(1.000)	120061	40.0000	
$ 53	2,4,6-Tribromophenol	330	12.638	12.628	(0.929)	68833	134.617	9300
* 58	Phenanthrene-d10	188	13.611	13.611	(1.000)	194582	40.0000	
64	Pyrene	202	15.516	15.505	(0.911)	16360	2.77315	190(a)
$ 65	Terphenyl-d14	244	15.681	15.671	(0.920)	362175	84.8125	5900

Data File: S4A9446.D
Report Date: 31-Aug-2005 14:06

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
* 69 Chrysene-d12	240	17.037	17.027	(1.000)	169910	40.0000	
71 bis(2-Ethylhexyl)phthalate	149	16.965	16.954	(0.996)	21130	4.82440	340(a)
* 76 Perylene-d12	264	18.962	18.942	(1.000)	136202	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

08/31/05

AL

Data File: S4A9446.D
Report Date: 31-Aug-2005 14:06

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D
Lab Smp Id: D0926-08A Client Smp ID: SD05-S-O
Inj Date : 25-AUG-2005 02:11
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-08A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	76.000	% Moisture

ISTD	RT	AREA	AMOUNT
* 23 Naphthalene-d8	8.084	523326	40.000
* 41 Acenaphthene-d10	11.438	734564	40.000
* 58 Phenanthrene-d10	13.611	630759	40.000
* 69 Chrysene-d12	17.037	706798	40.000
* 76 Perylene-d12	18.962	479789	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9446.D
Report Date: 31-Aug-2005 14:06

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
9.016	66979	5.11948575	360	0		0	23
Unknown				CAS #:			
9.782	104043	5.66556488	390	0		0	41
Unknown				CAS #:			
10.227	82552	4.49529245	310	0		0	41
Unknown				CAS #:			
10.962	170763	9.29874048	650	0		0	41
Unknown				CAS #:			
11.024	81660	4.44671941	310	0		0	41
Cyclic Alkane				CAS #:			
11.169	596620	32.4883877	2300	0		0	41
Unknown				CAS #:			
11.293	138750	7.55550231	520	0		0	41
Unknown				CAS #:			
11.779	99648	5.42623924	380	0		0	41
Unknown				CAS #:			
11.966	100024	5.44671397	380	0		0	41
Unknown				CAS #:			
12.017	73869	4.02246775	280	0		0	41
Unknown				CAS #:			
12.069	115956	6.31427622	440	0		0	41
Cyclic Alkane				CAS #:			
12.763	234703	14.8838463	1000	0		0	58
Branched Alkane				CAS #:			
12.835	321384	20.3807793	1400	0		0	58
Branched Alkane				CAS #:			
13.467	259528	16.4581401	1100	0		0	58
Unknown				CAS #:			
13.932	75139	4.76498948	330	0		0	58

Data File: S4A9446.D
Report Date: 31-Aug-2005 14:06

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
9-Hexadecenoic acid				CAS #: 2091-29-4			
14.222	233125	14.7837764	1000	89	NIST98.L	90859	58
n-Hexadecanoic acid				CAS #: 57-10-3			
14.305	199962	12.6807227	880	95	NIST98.L	92226	58
Unknown				CAS #:			
15.009	117382	7.44385732	520	0		0	58
Unknown				CAS #:			
15.154	86687	5.49731355	380	0		0	58
Phenanthrene, 2,3,5-trimethyl-				CAS #: 3674-73-5			
15.578	77667	4.39542840	310	86	NIST98.L	69664	69
Unknown				CAS #:			
15.920	119372	6.75565013	470	0		0	69
Unknown				CAS #:			
16.271	147129	8.32650913	580	0		0	69
Cyclic Alkane				CAS #:			
16.789	196919	11.1442873	770	0		0	69
Straight-Chain Alkane				CAS #:			
17.565	387043	21.9040235	1500	0		0	69
Unknown				CAS #:			
17.700	97411	5.51280564	380	0		0	69
Unknown				CAS #:			
17.959	199423	11.2859968	780	0		0	69
Unknown				CAS #:			
18.072	225669	18.8140203	1300	0		0	76
Straight-Chain Alkane				CAS #:			
18.404	297736	24.8222448	1700	0		0	76
Straight-Chain Alkane				CAS #:			
19.459	155097	12.9304340	900	0		0	76
28-Nor-17.alpha.(H)-hopane				CAS #: 53584-60-4			
19.863	336733	28.0734239	1900	91	NIST98.L	156126	76

Data File: S4A9446.D
Report Date: 31-Aug-2005 14:06

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
20.422	218309	18.2004173	1300	0		0	76
.beta.-Sitosterol				CAS #:	83-46-5		
21.612	1126685	93.9317075	6500	93	NIST98.L	159283	76
Unknown				CAS #:			
22.244	202938	16.9189373	1200	0		0	76
Unknown				CAS #:			
22.357	397778	33.1627445	2300	0		0	76
Stigmast-4-en-3-one				CAS #:	1058-61-3		
22.937	562304	46.8792740	3300	95	NIST98.L	158845	76
Unknown				CAS #:			
24.396	3270645	272.673613	19000	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D

Date : 25-AUG-2005 02:11

Client ID: SD05-S-O

Instrument: S4.i

Sample Info: D0926-08A,,19468,,

Volume Injected (uL): 2.0

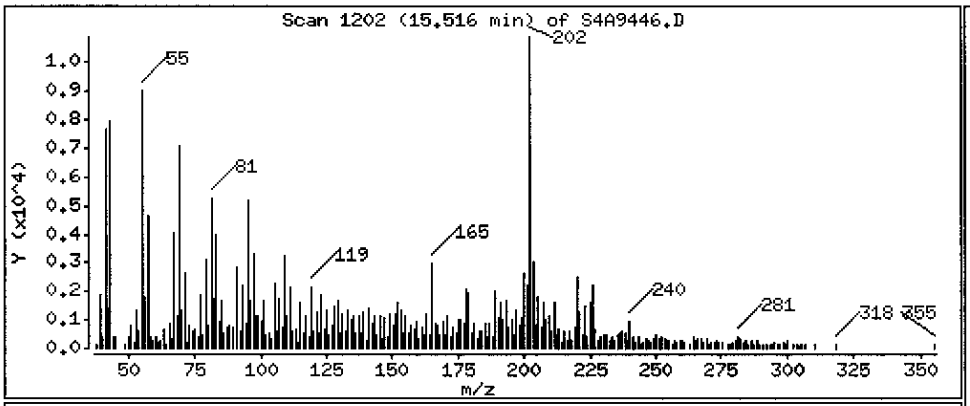
Operator: AW SRC: LIMS

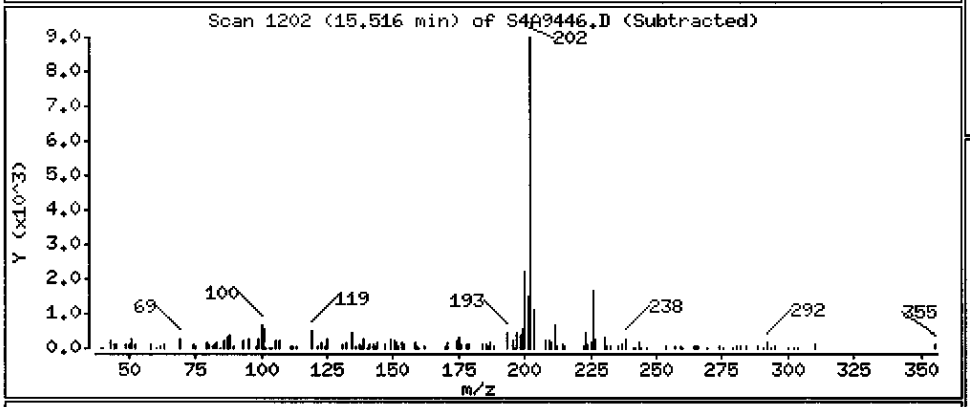
Column phase: DB-5MS

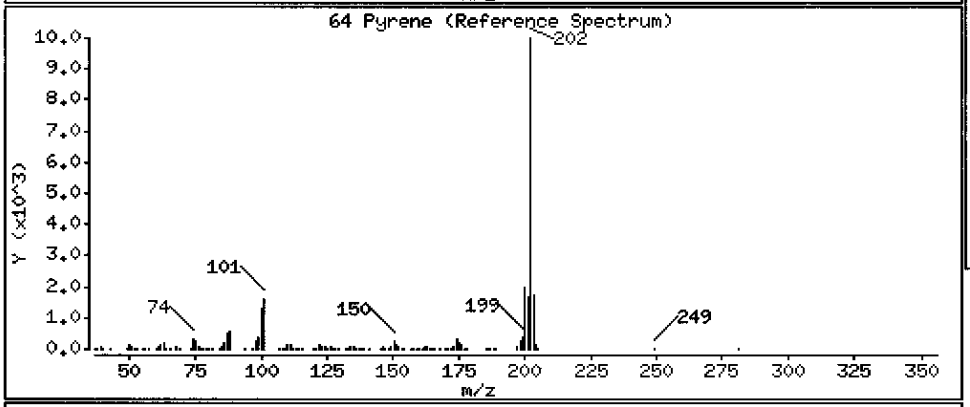
Column diameter: 0.25

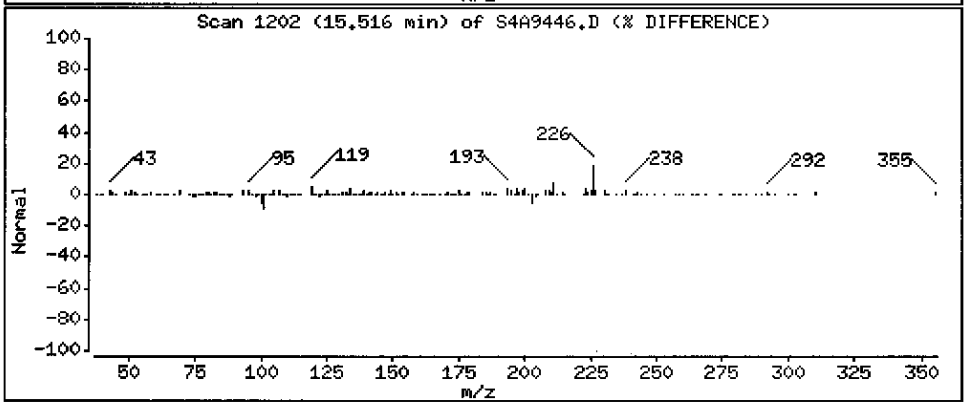
64 Pyrene

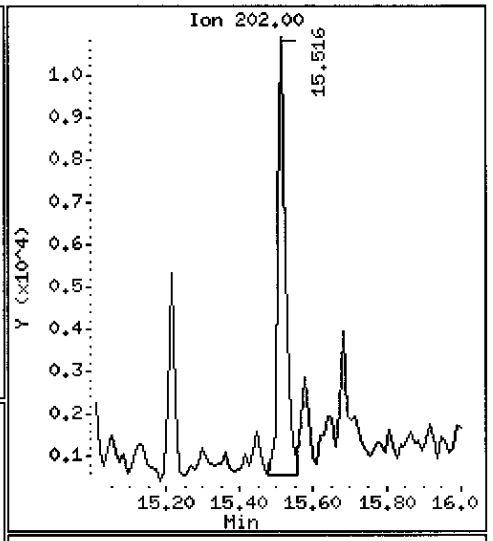
Concentration: 190 ug/Kg

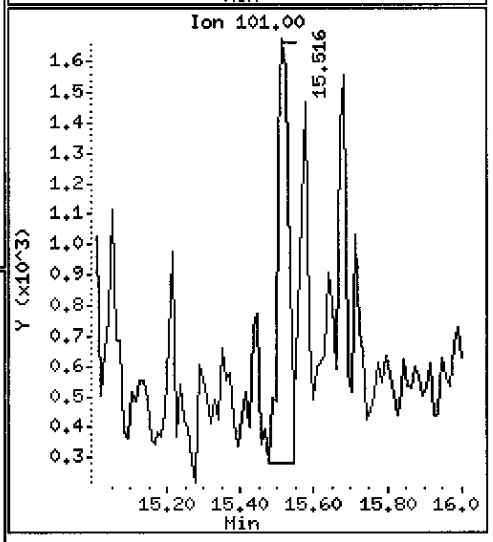












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D

Date : 25-AUG-2005 02:11

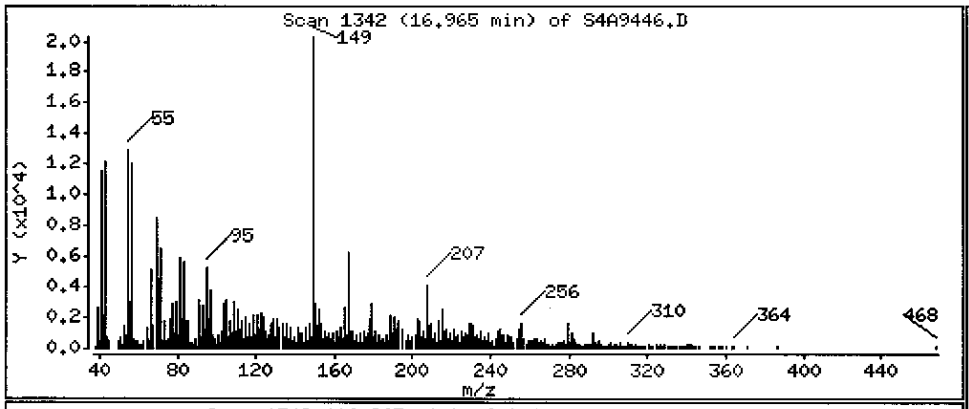
Client ID: SD05-S-0 Instrument: S4.i

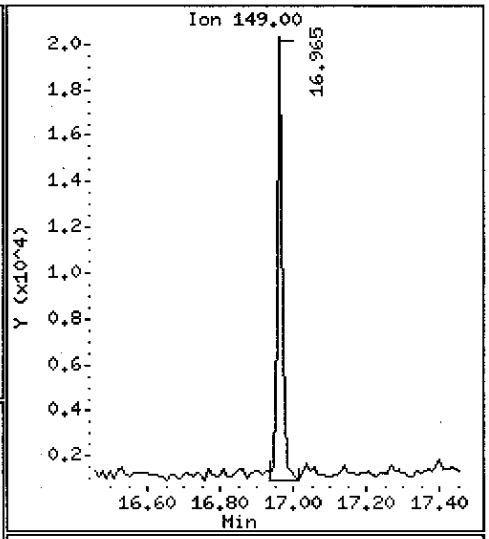
Sample Info: D0926-08A,,19468,,

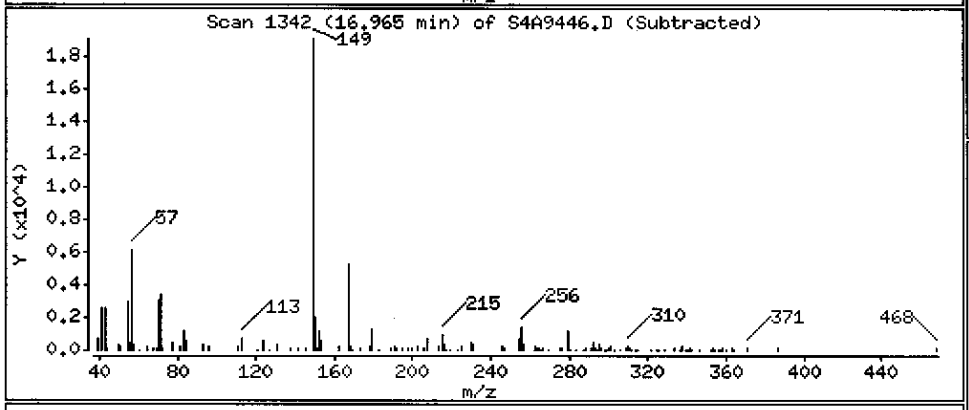
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

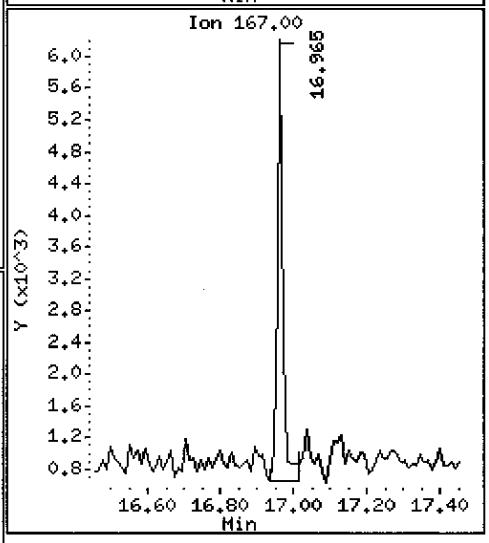
Column phase: DB-5MS Column diameter: 0.25

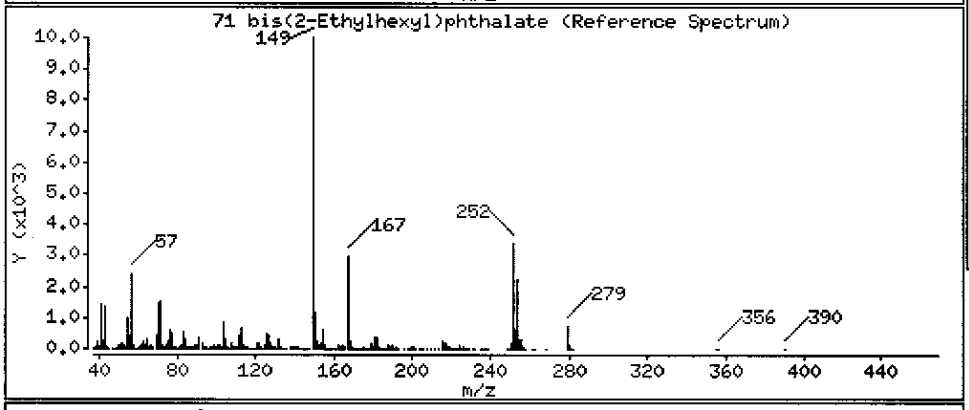
71 bis(2-Ethylhexyl)phthalate Concentration: 340 ug/Kg

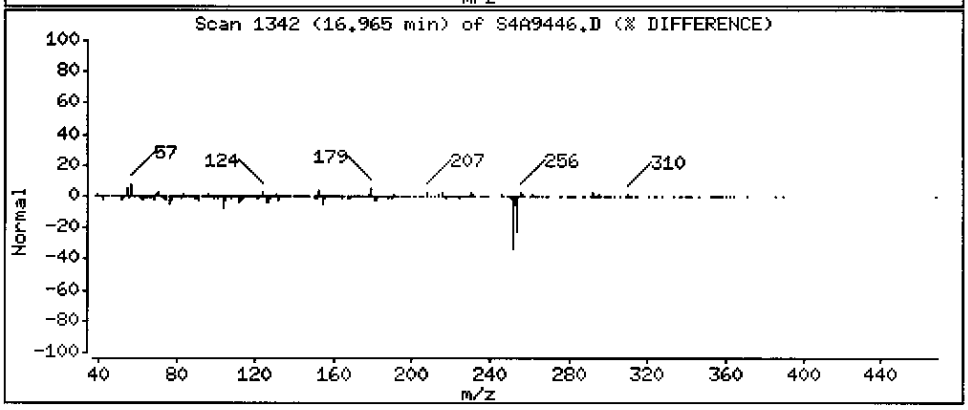












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D

Date : 25-AUG-2005 02:11

Client ID: SD05-S-O

Instrument: S4.i

Sample Info: D0926-08A,,19468,,

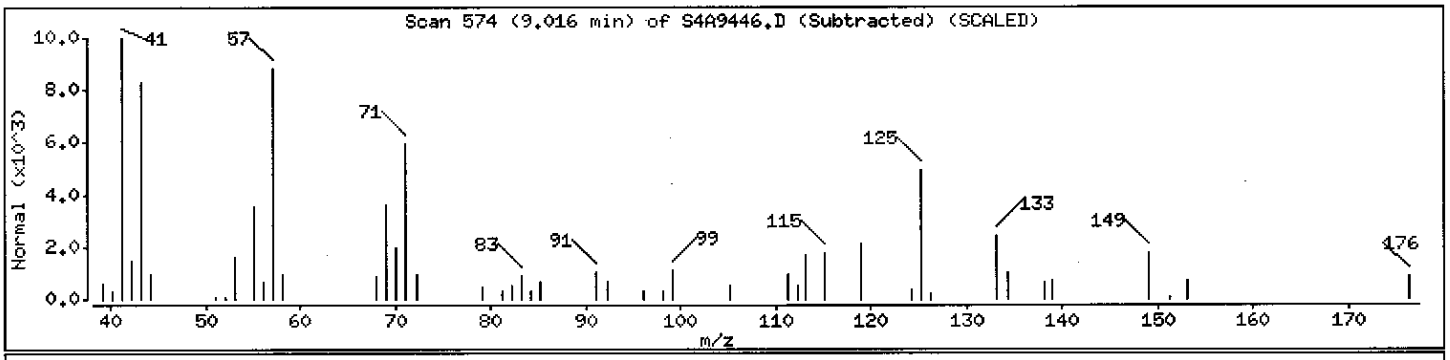
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D

Date : 25-AUG-2005 02:11

Client ID: SD05-S-O

Instrument: S4.i

Sample Info: D0926-08A,,19468,,

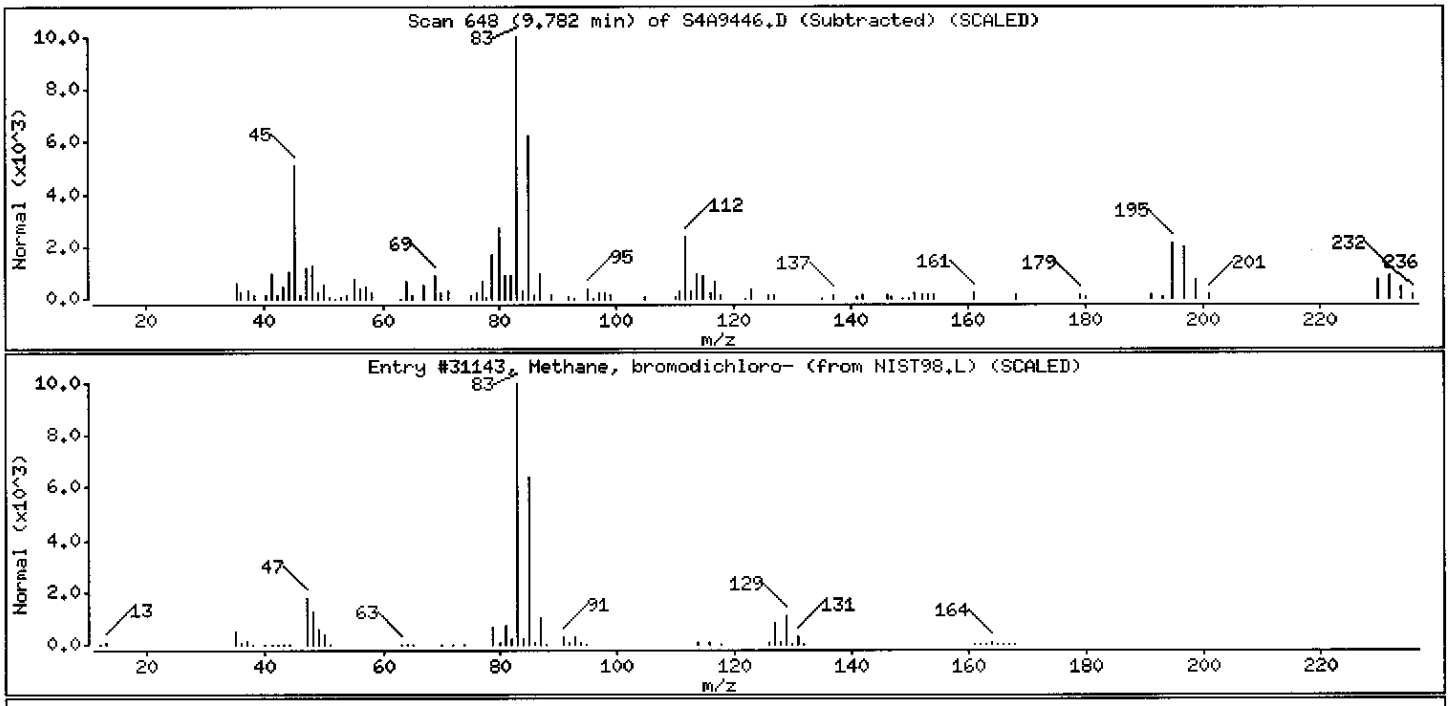
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Methane, bromodichloro-	75-27-4	NIST98.L	31143	43	CHBrCl2	162



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D

Date : 25-AUG-2005 02:11

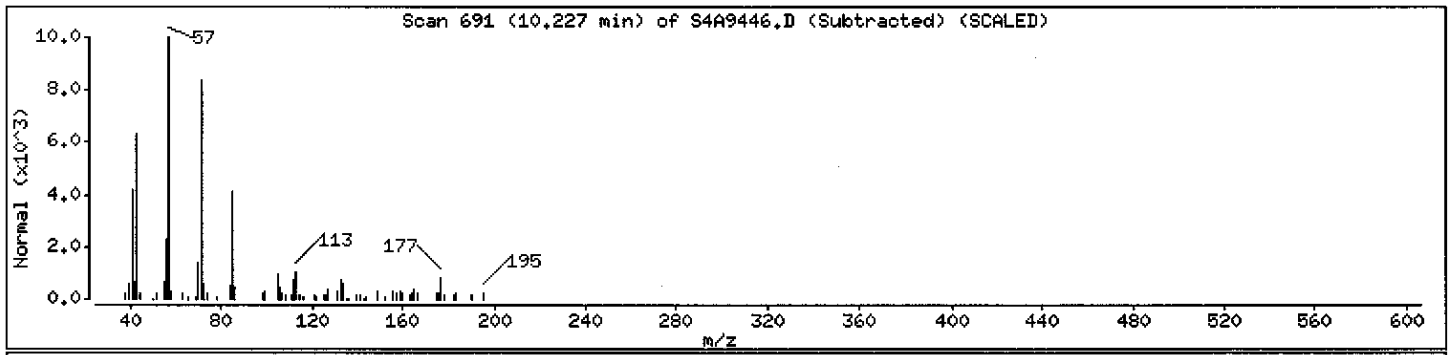
Client ID: SD05-S-0 Instrument: S4.i

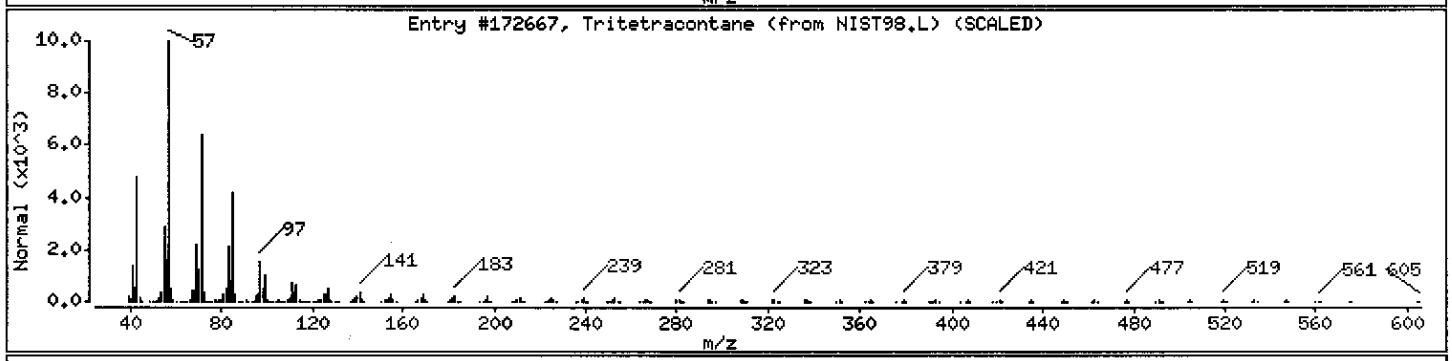
Sample Info: D0926-08A,,19468,,

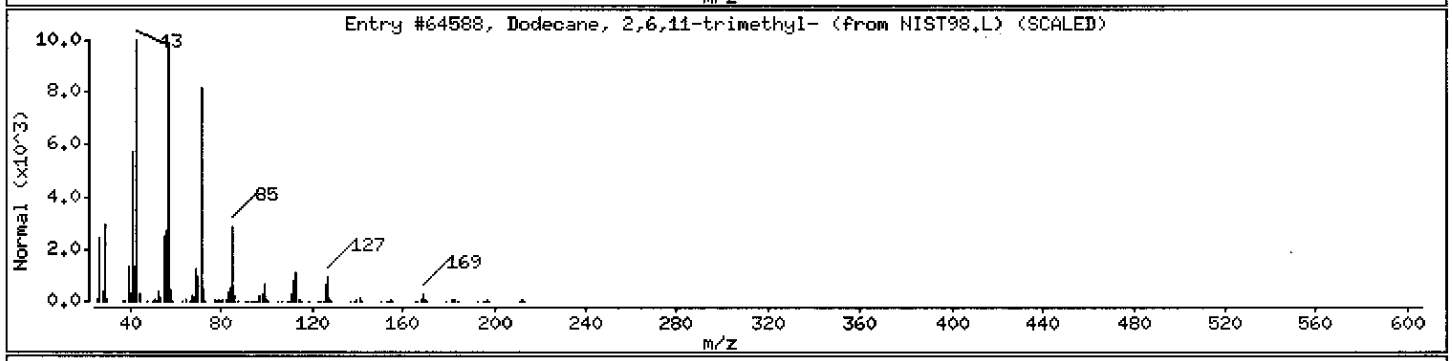
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

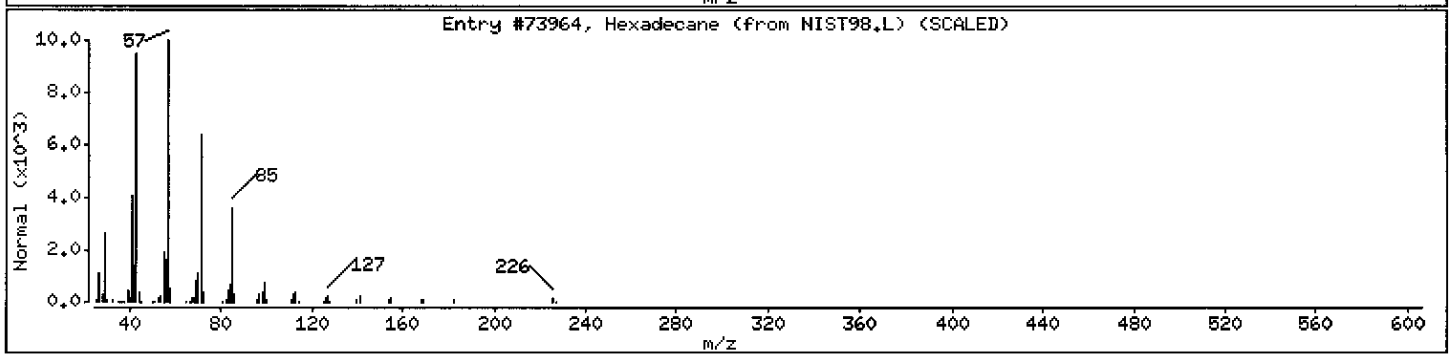
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Tritetracontane	7098-21-7	NIST98.L	172667	78	C43H88	605
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST98.L	64588	78	C15H32	212
Hexadecane	544-76-3	NIST98.L	73964	72	C16H34	226









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D

Date : 25-AUG-2005 02:11

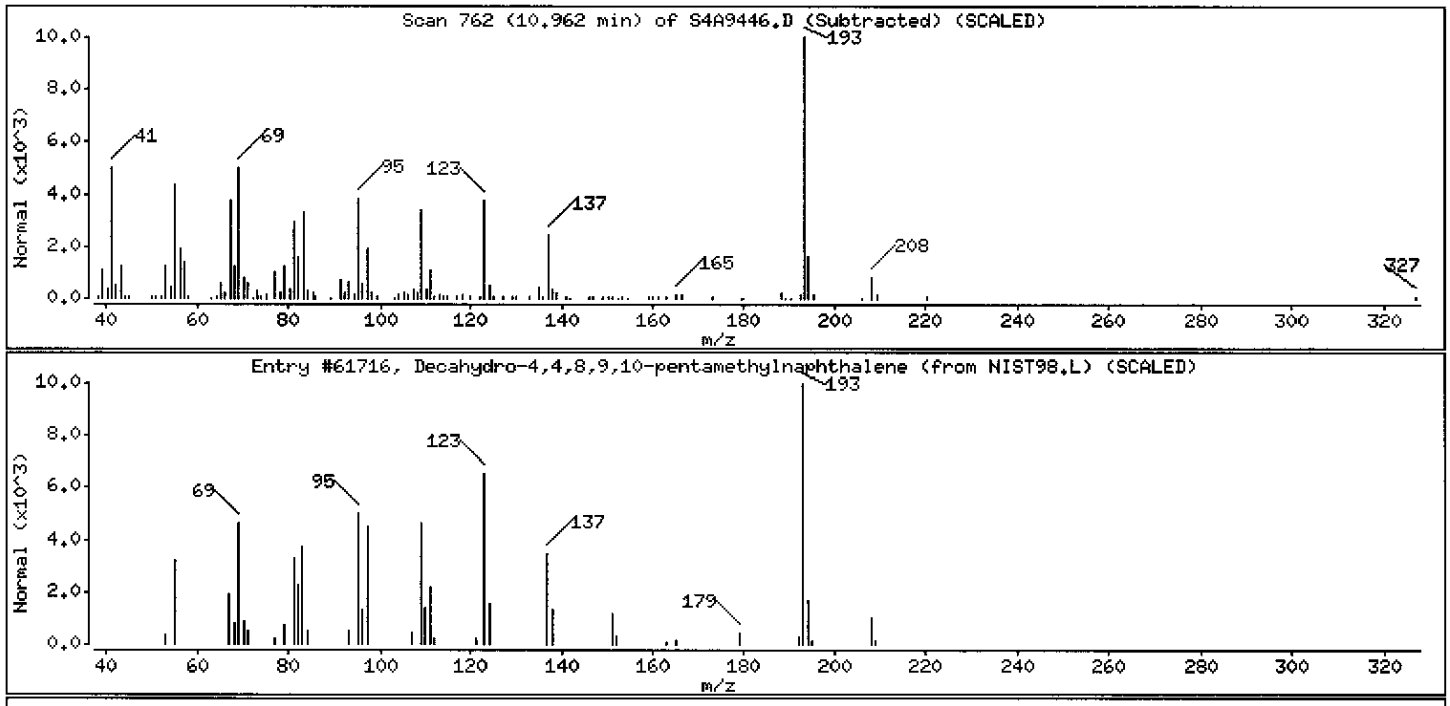
Client ID: SD05-S-O Instrument: S4.i

Sample Info: D0926-08A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST98.L	61716	64	C15H28	208



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D

Date : 25-AUG-2005 02:11

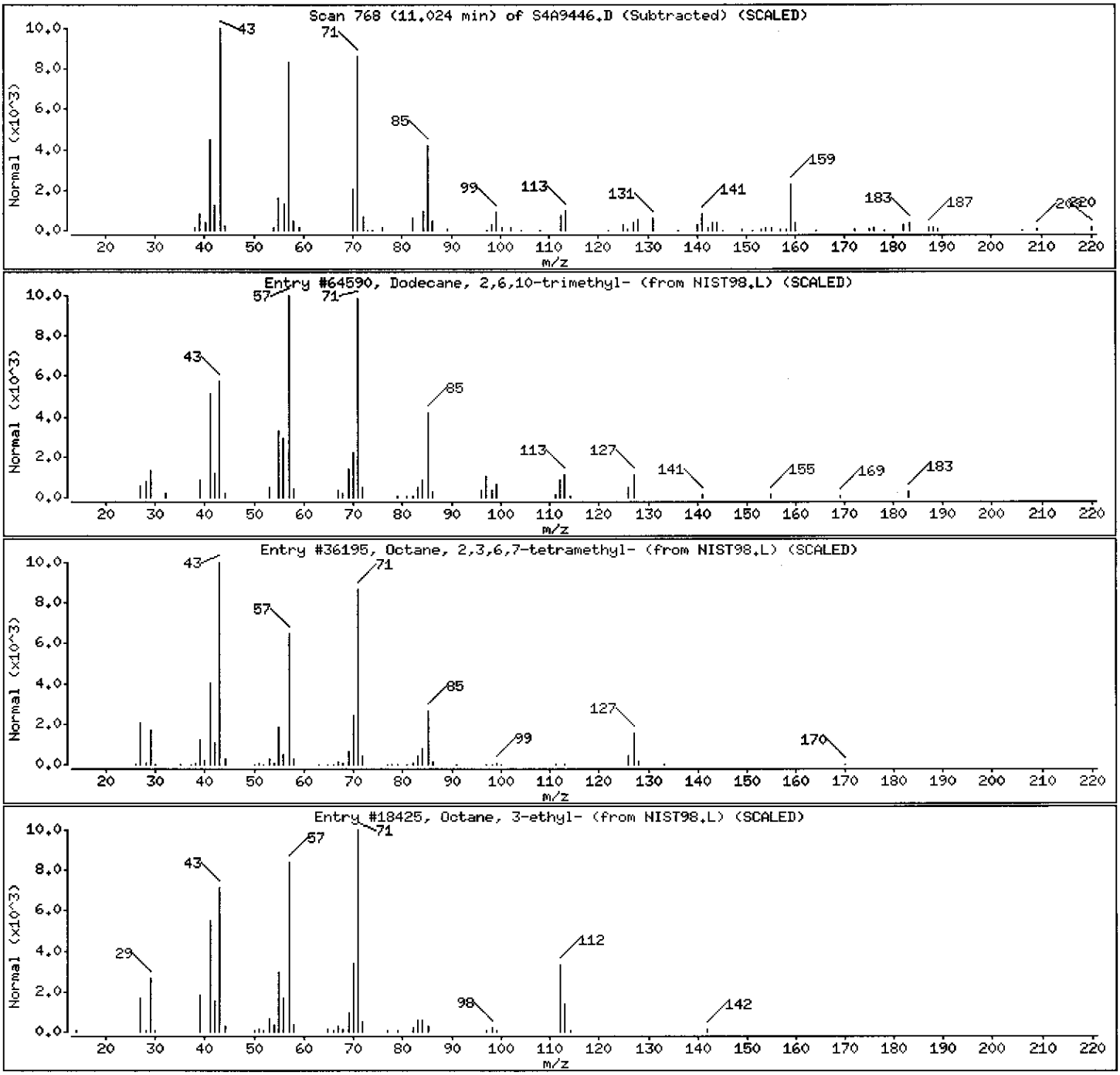
Client ID: SD05-S-0 Instrument: S4.i

Sample Info: D0926-08A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST98.L	64590	80	C15H32	212
Octane, 2,3,6,7-tetramethyl-	52670-34-5	NIST98.L	36195	53	C12H26	170
Octane, 3-ethyl-	5881-17-4	NIST98.L	18425	49	C10H22	142



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D

Date : 25-AUG-2005 02:11

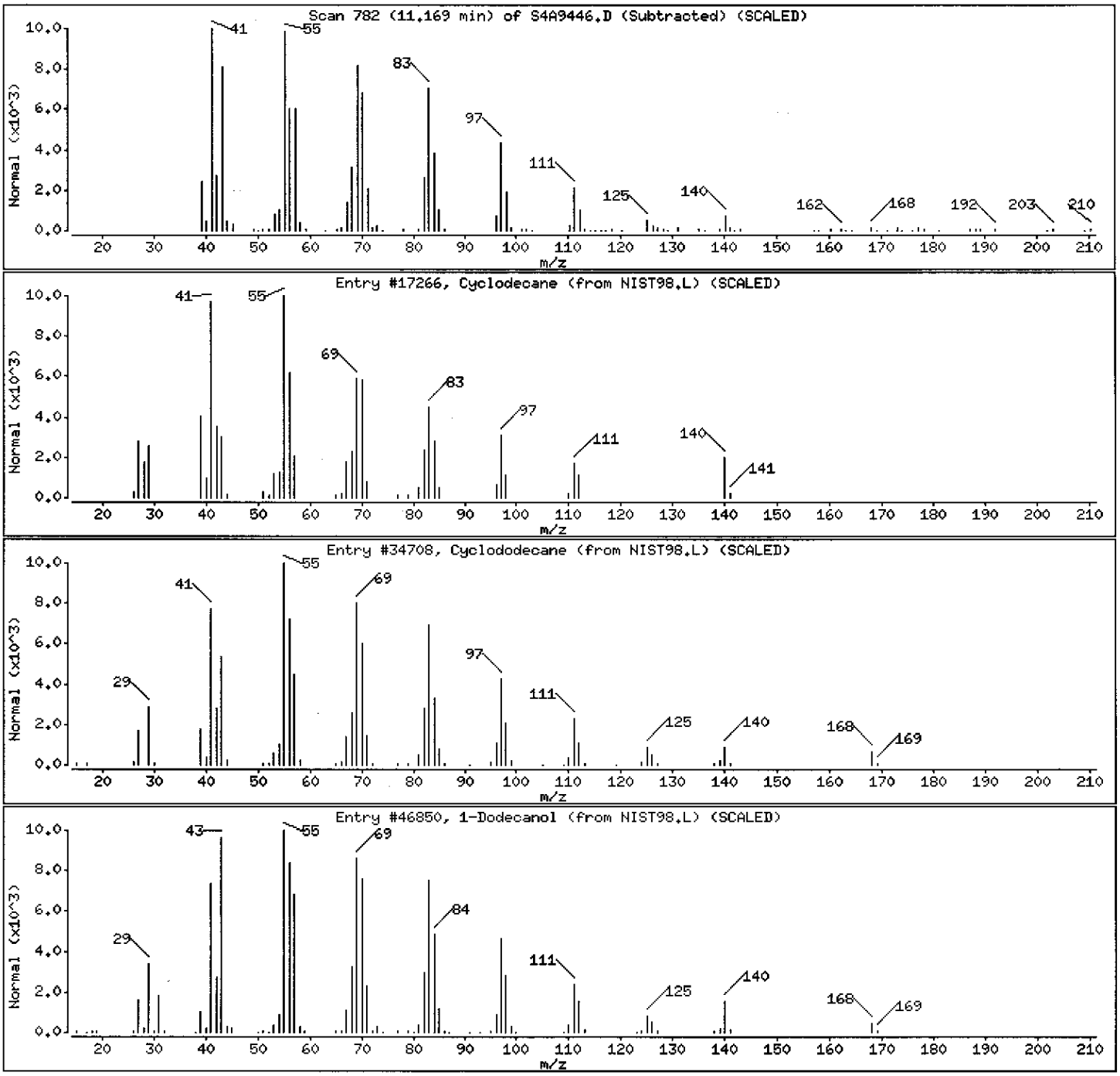
Client ID: SD05-S-0 Instrument: S4.i

Sample Info: D0926-08A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclodecane	293-96-9	NIST98.L	17266	94	C10H20	140
Cyclododecane	294-62-2	NIST98.L	34708	91	C12H24	168
1-Dodecanol	112-53-8	NIST98.L	46850	91	C12H26O	186



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D

Date : 25-AUG-2005 02:11

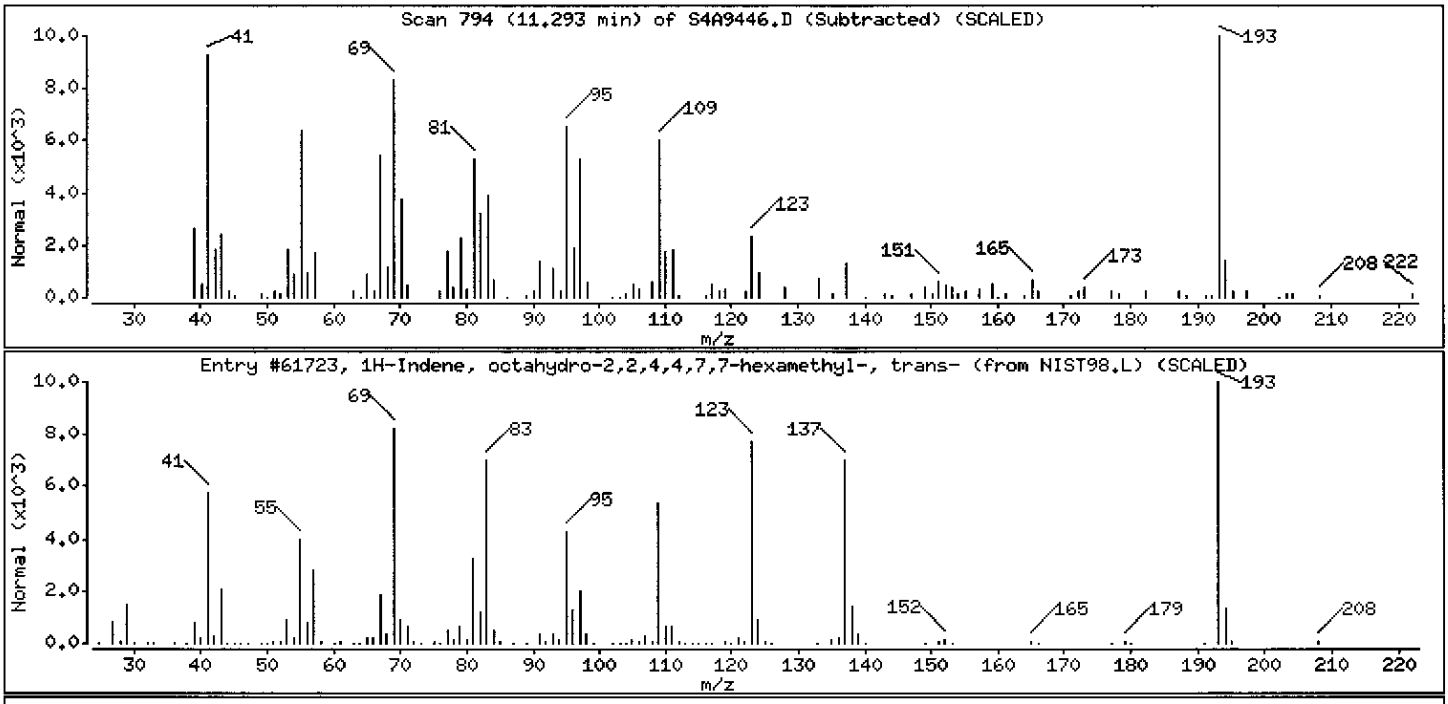
Client ID: SD05-S-0 Instrument: S4.i

Sample Info: D0926-08A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1H-Indene, octahydro-2,2,4,4,7,7-hexamet	54832-83-6	NIST98.L	61723	49	C15H28	208



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D

Date : 25-AUG-2005 02:11

Client ID: SD05-S-O

Instrument: S4.i

Sample Info: D0926-08A,,19468,,

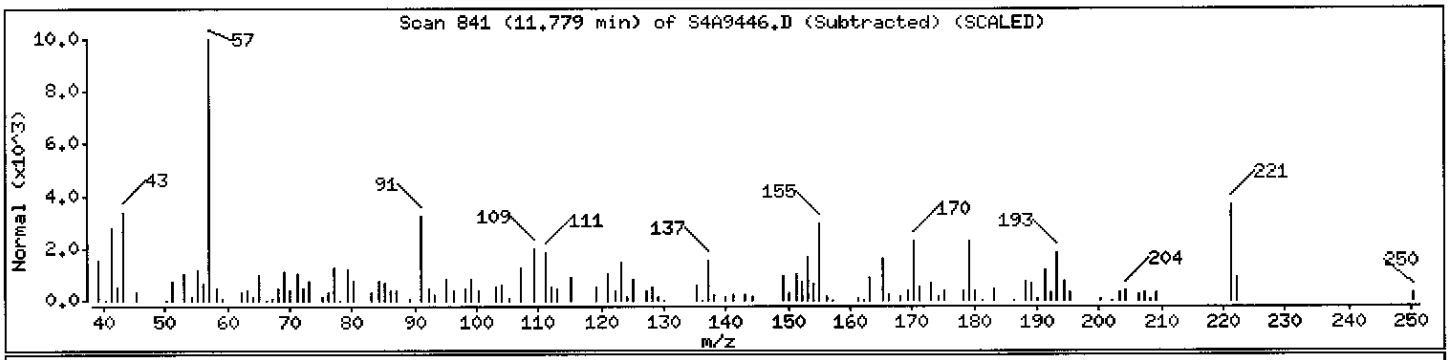
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D

Date : 25-AUG-2005 02:11

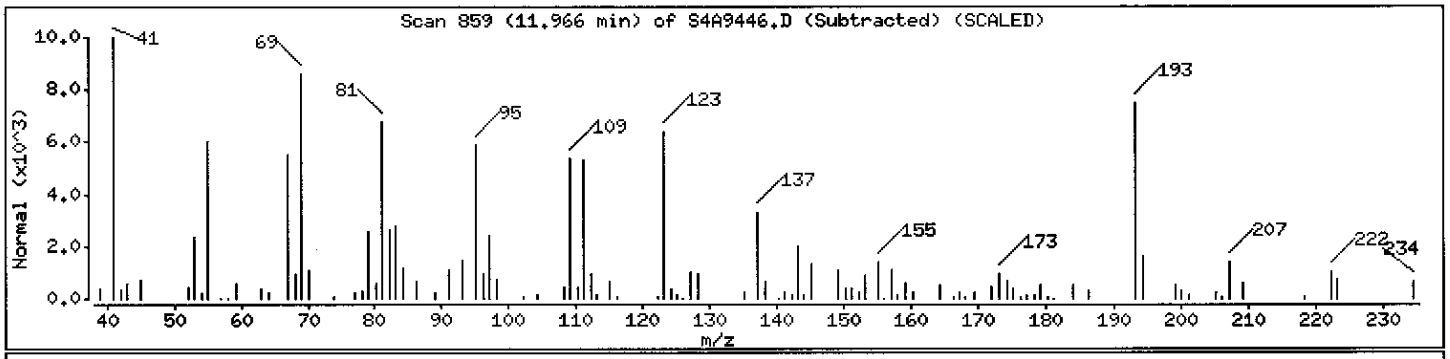
Client ID: SD05-S-0 Instrument: S4.i

Sample Info: D0926-08A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D

Date : 25-AUG-2005 02:11

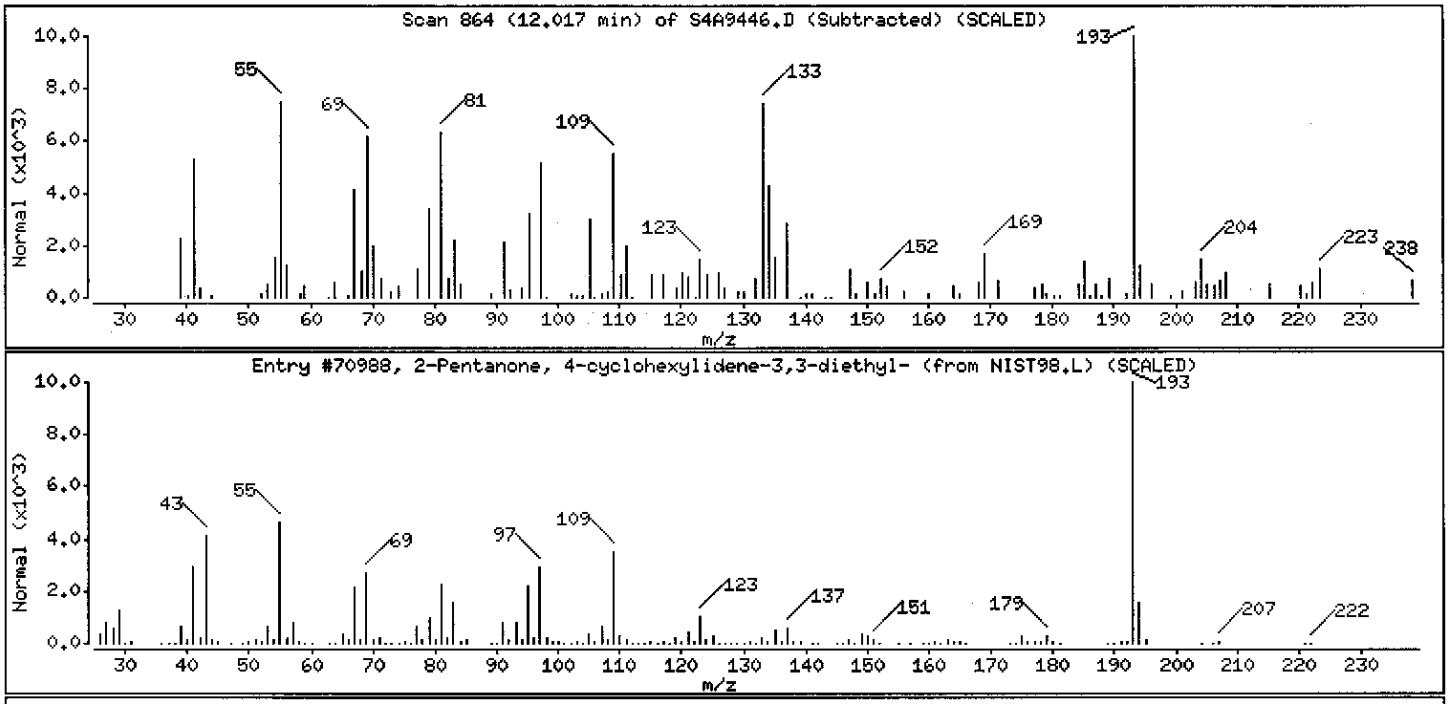
Client ID: SD05-S-0 Instrument: S4.i

Sample Info: D0926-08A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Pentanone, 4-cyclohexylidene-3,3-dieth	313253-65-5	NIST98.L	70988	43	C15H26O	222



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Date : 25-AUG-2005 02:11

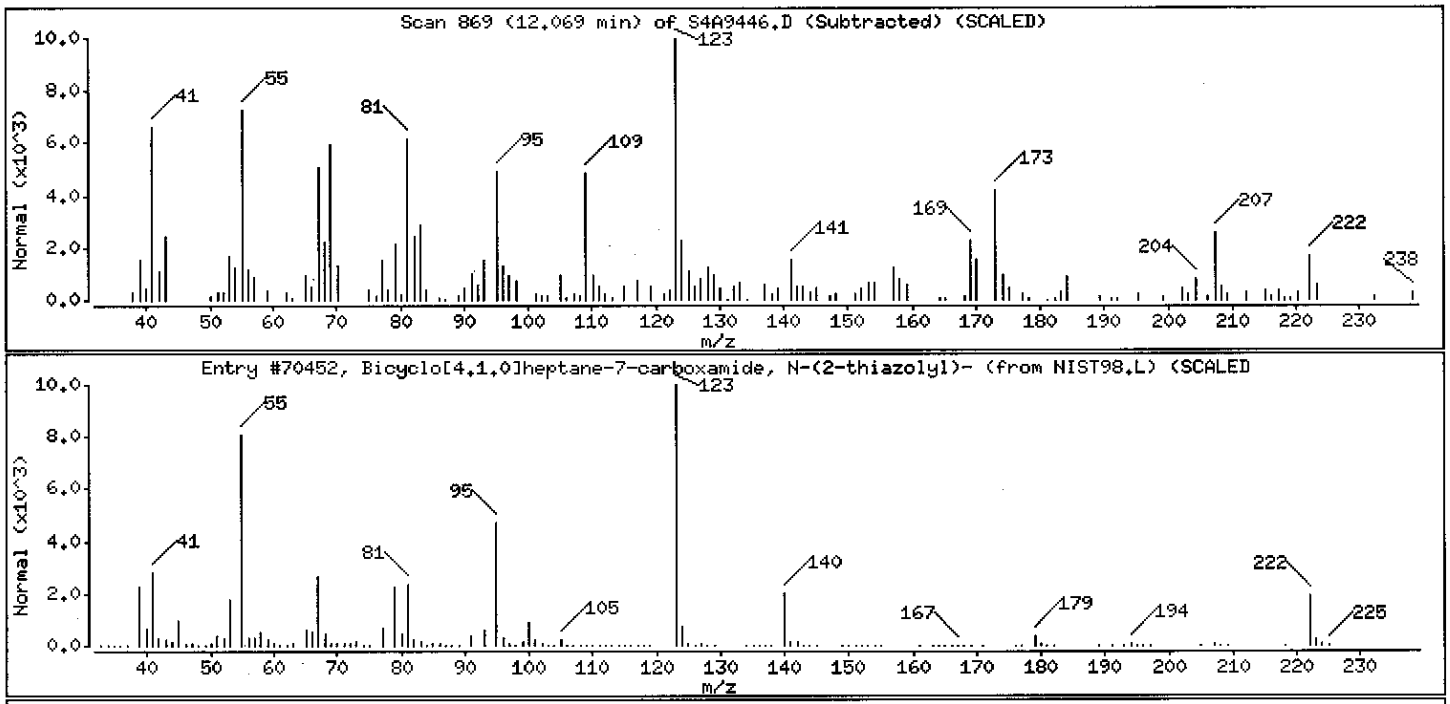
Client ID: SD05-S-0 Instrument: S4.i

Sample Info: D0926-08A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Bicyclo[4.1.0]heptane-7-carboxamide, N-(	329912-72-3	NIST98.L	70452	46	C11H14N2OS	222



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Date : 25-AUG-2005 02:11

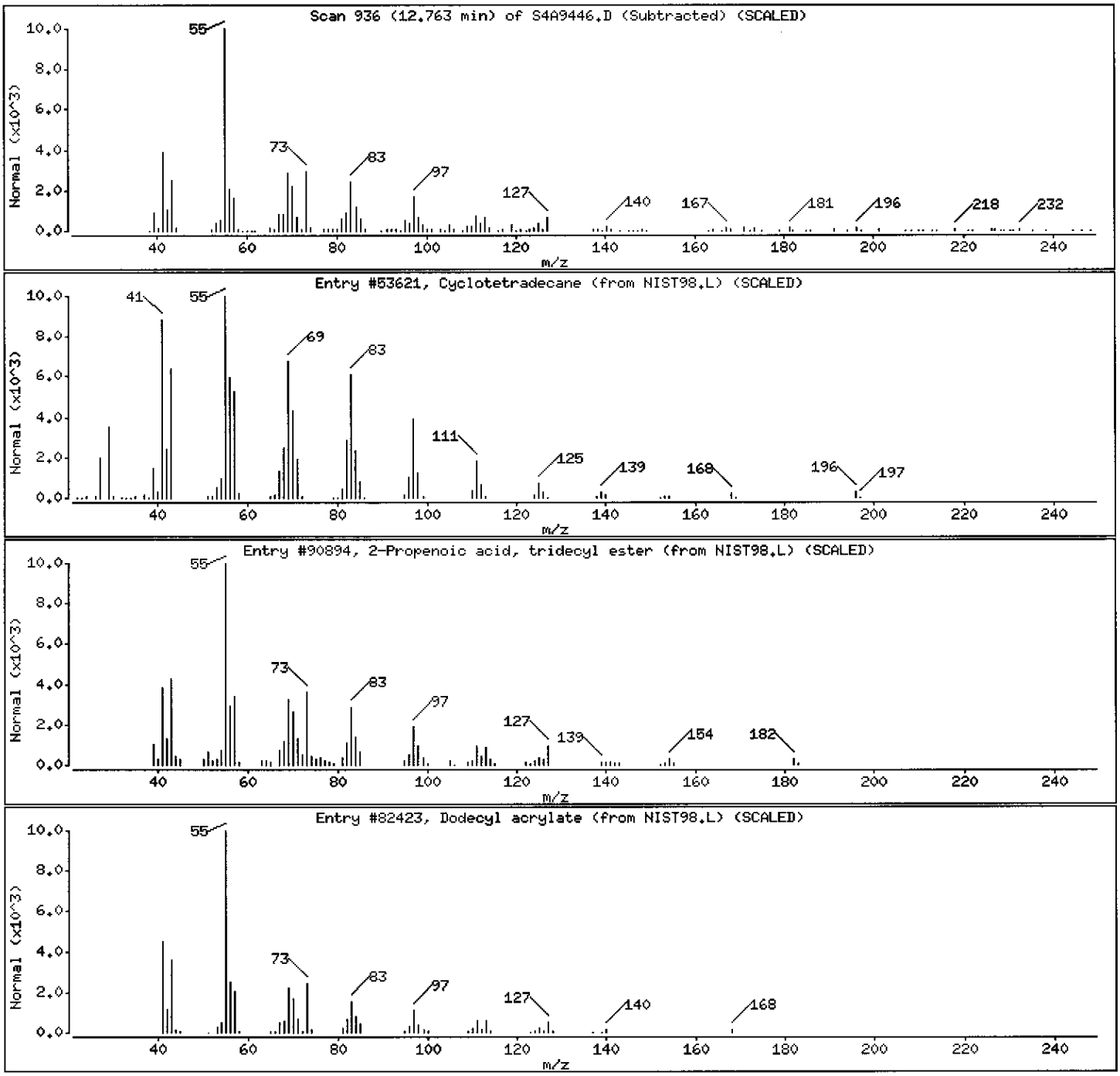
Client ID: SD05-S-0 Instrument: S4.i

Sample Info: D0926-08A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclotetradecane	295-17-0	NIST98.L	53621	92	C14H28	196
2-Propenoic acid, tridecyl ester	3076-04-8	NIST98.L	90894	87	C16H3002	254
Dodecyl acrylate	2156-97-0	NIST98.L	82423	72	C15H2802	240



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Date : 25-AUG-2005 02:11

Client ID: SD05-S-O

Instrument: S4.i

Sample Info: D0926-08A,,19468,,

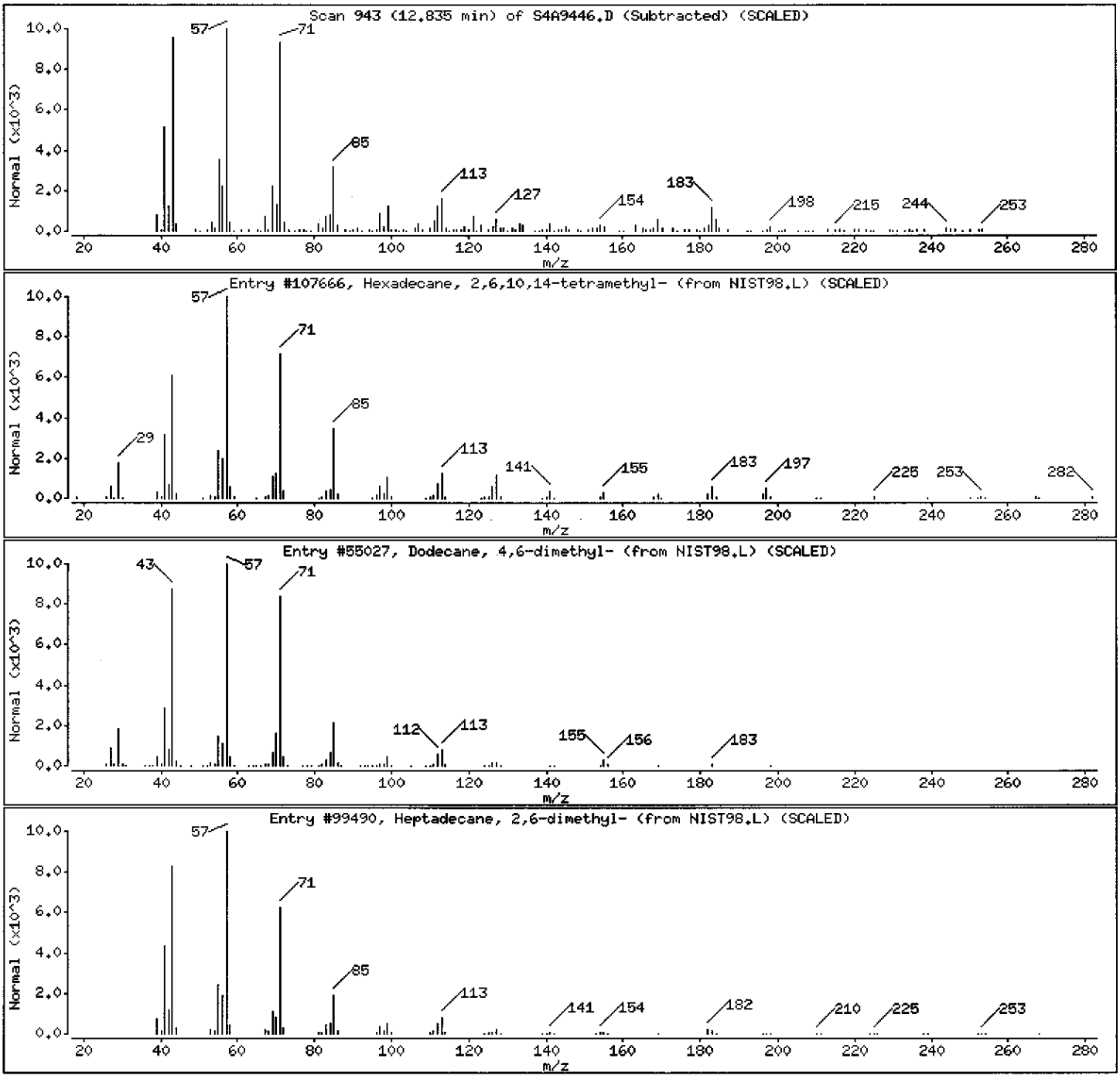
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST98.L	107666	91	C20H42	282
Dodecane, 4,6-dimethyl-	61141-72-8	NIST98.L	55027	90	C14H30	198
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST98.L	99490	90	C19H40	268



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Date : 25-AUG-2005 02:11

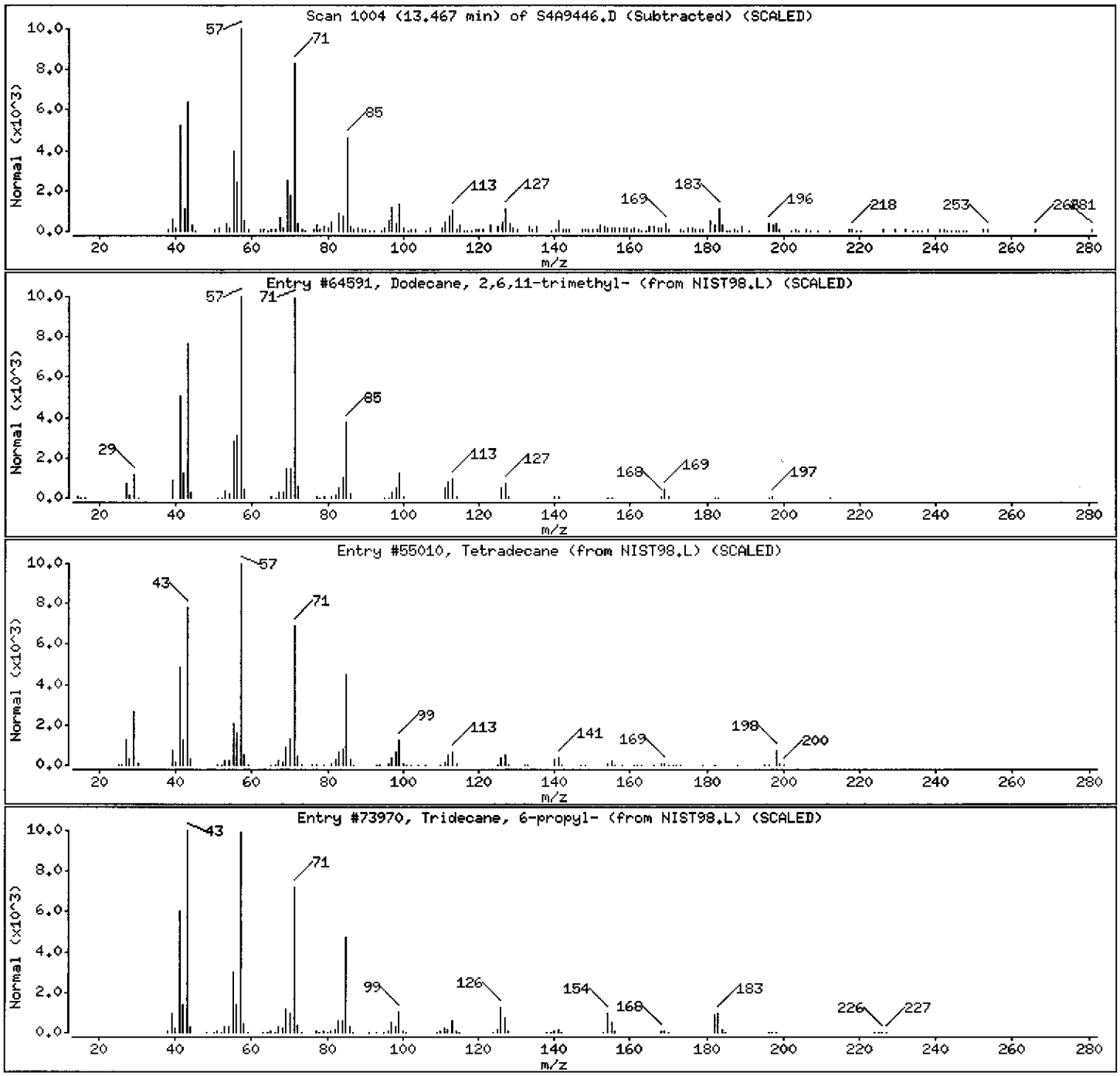
Client ID: SD05-S-0 Instrument: S4.i

Sample Info: D0926-08A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST98.L	64591	92	C15H32	212
Tetradecane	629-59-4	NIST98.L	55010	91	C14H30	198
Tridecane, 6-propyl-	55045-10-8	NIST98.L	73970	90	C16H34	226



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Date : 25-AUG-2005 02:11

Client ID: SD05-S-O

Instrument: S4.i

Sample Info: D0926-08A,,19468,,

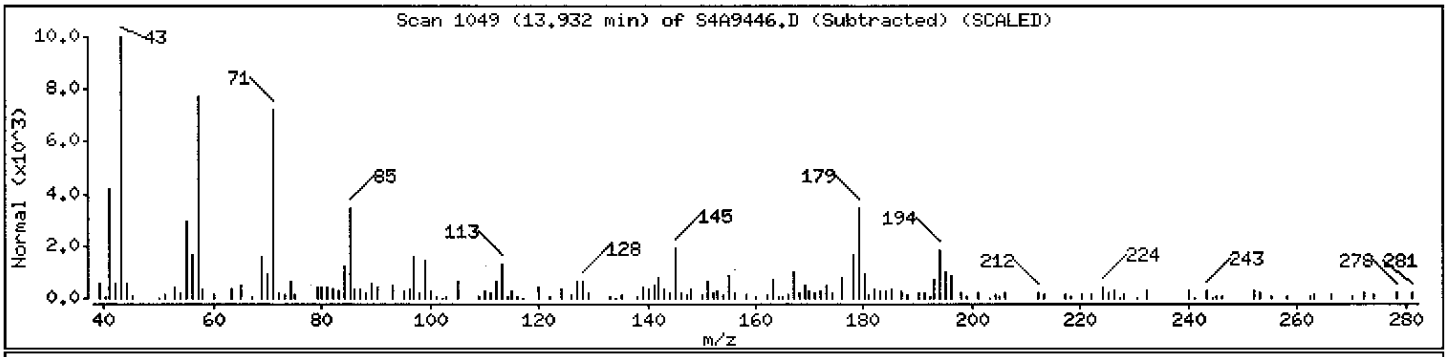
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 02:11

Client ID: SD05-S-O

Instrument: S4.i

Sample Info: D0926-08A,,19468,,

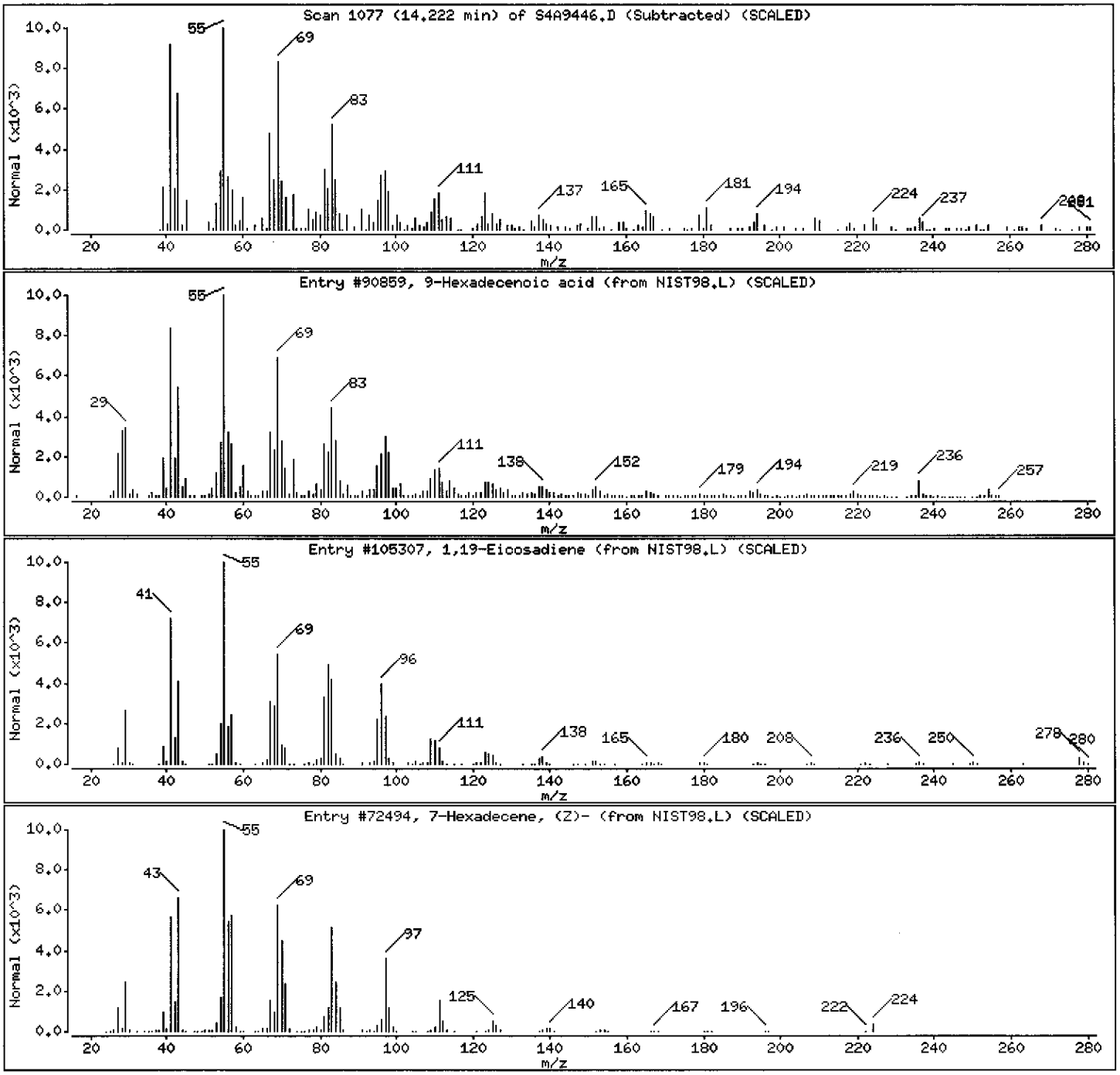
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
9-Hexadecenoic acid	2091-29-4	NIST98.L	90859	89	C16H30O2	254
1,19-Eicosadiene	14811-95-1	NIST98.L	105307	62	C20H38	278
7-Hexadecene, (Z)-	35507-09-6	NIST98.L	72494	58	C16H32	224



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Date : 25-AUG-2005 02:11

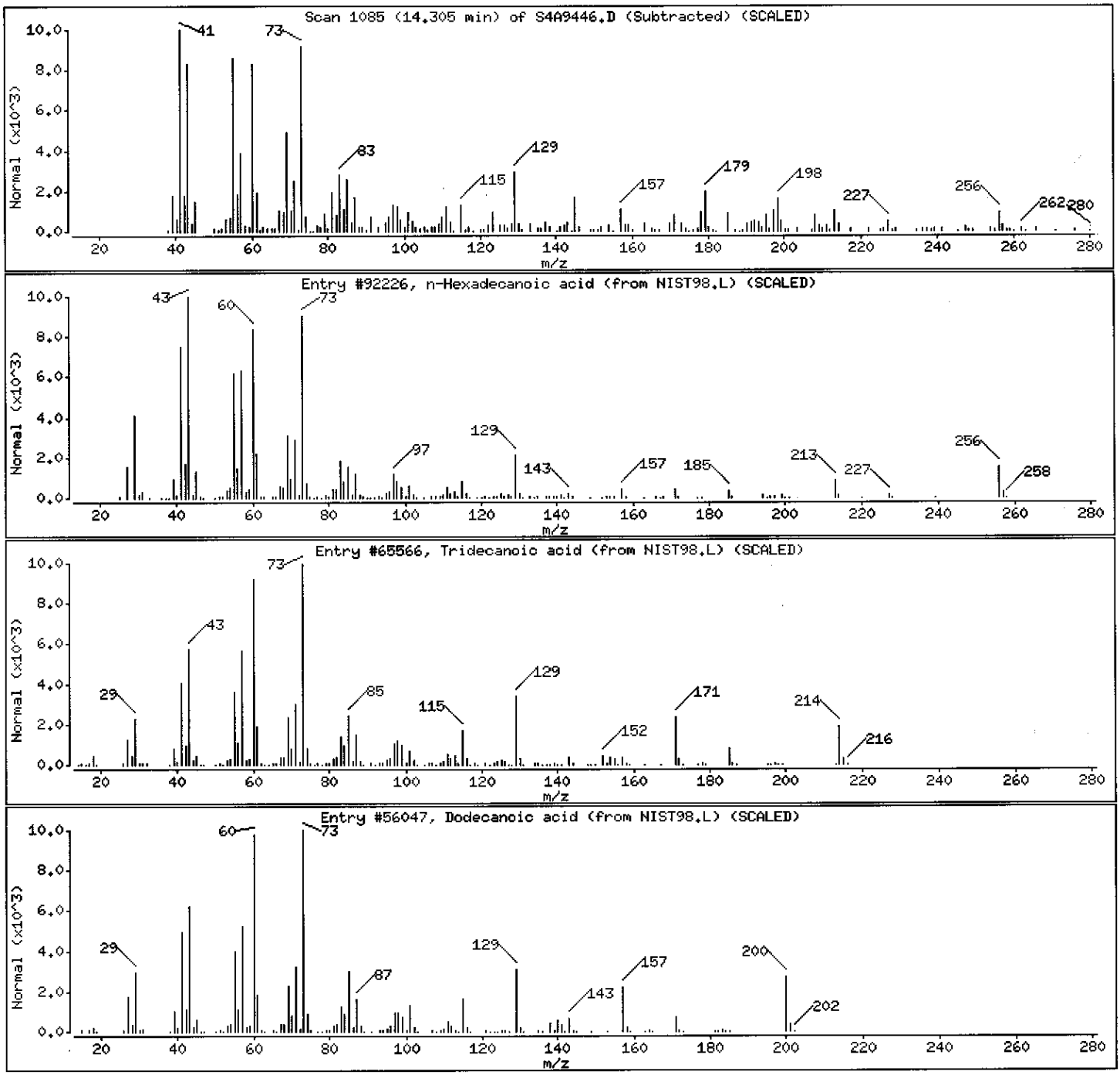
Client ID: SD05-S-0 Instrument: S4.i

Sample Info: D0926-08A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
n-Hexadecanoic acid	57-10-3	NIST98.L	92226	95	C16H3202	256
Tridecanoic acid	638-53-9	NIST98.L	65566	68	C13H2602	214
Dodecanoic acid	143-07-7	NIST98.L	56047	59	C12H2402	200



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Date : 25-AUG-2005 02:11

Client ID: SD05-S-O

Instrument: S4.i

Sample Info: D0926-08A,,19468,,

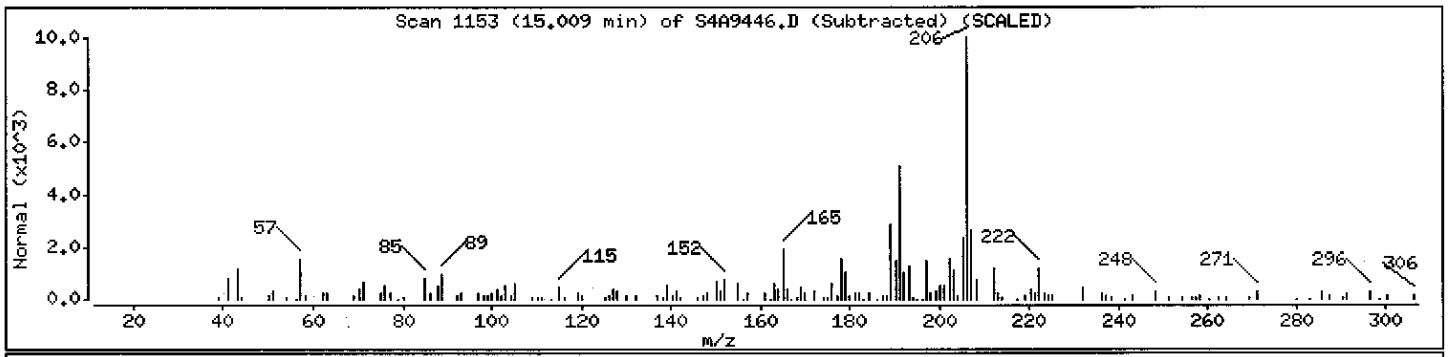
Volume Injected (uL): 2.0

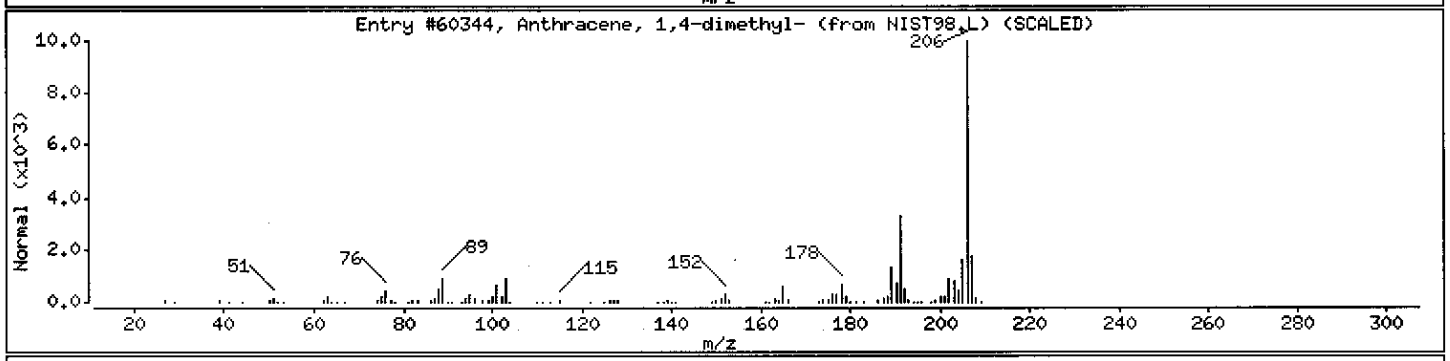
Operator: AW SRC: LIMS

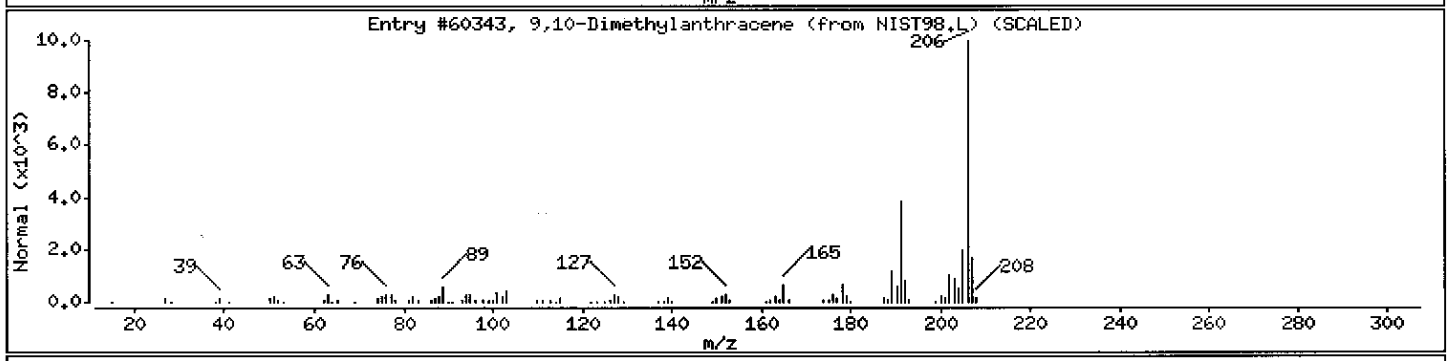
Column phase: DB-5MS

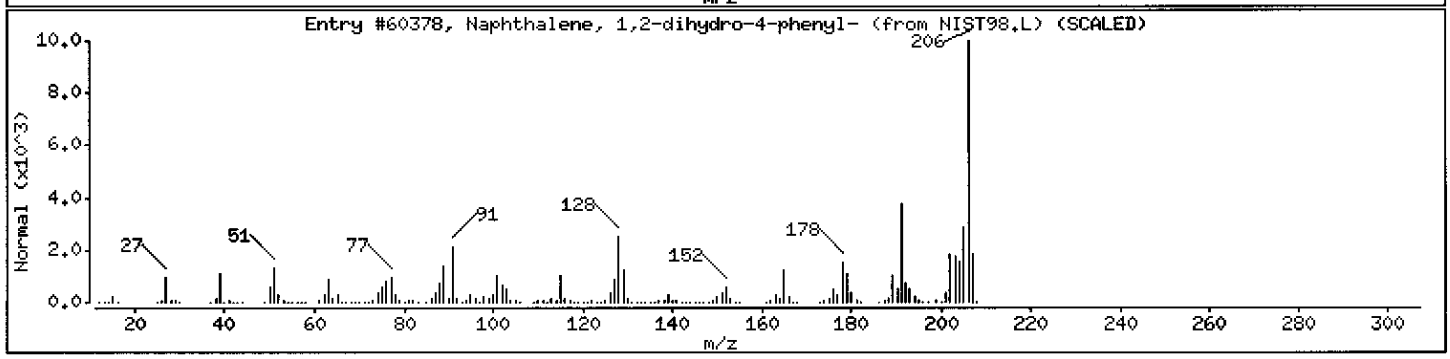
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Anthracene, 1,4-dimethyl-	781-92-0	NIST98.L	60344	81	C16H14	206
9,10-Dimethylanthracene	781-43-1	NIST98.L	60343	76	C16H14	206
Naphthalene, 1,2-dihydro-4-phenyl-	7469-40-1	NIST98.L	60378	70	C16H14	206









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Date : 25-AUG-2005 02:11

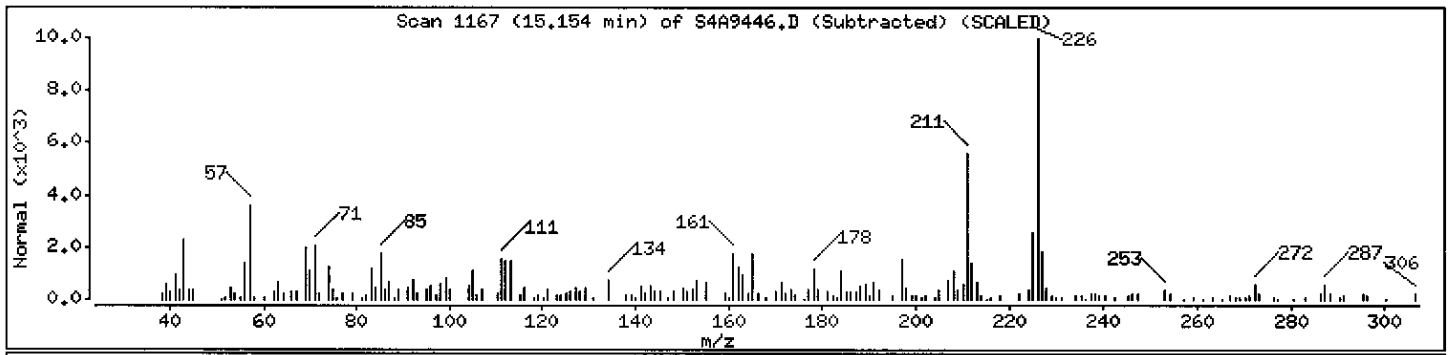
Client ID: SD05-S-O Instrument: S4.i

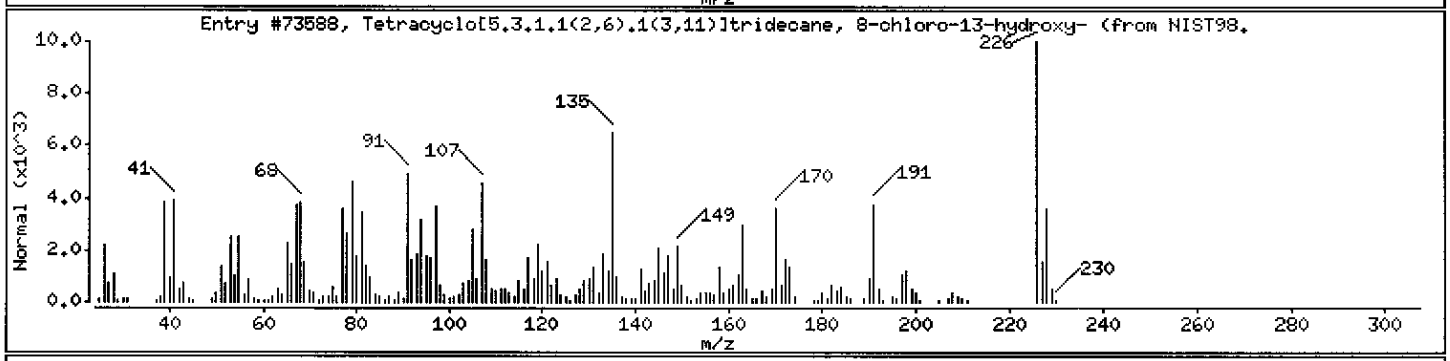
Sample Info: D0926-08A,,19468,,

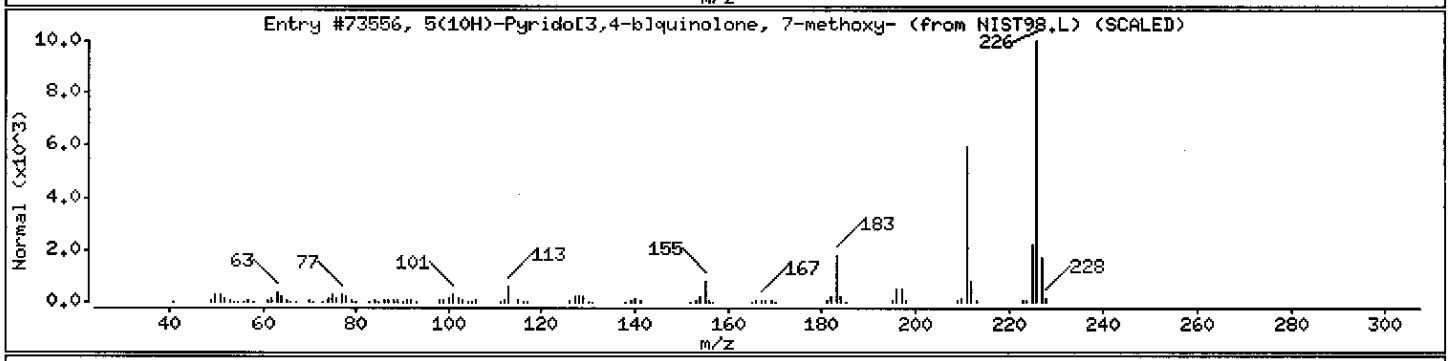
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

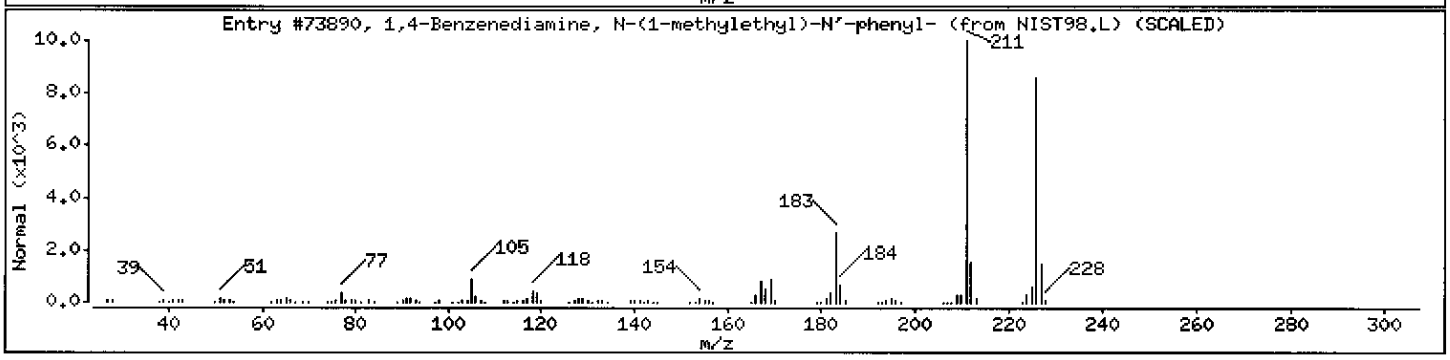
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Tetracyclo[5.3.1.1(2,6).1(3,11)]tridecan	1000185-11-5	NIST98.L	73588	80	C13H19ClO	226
5(10H)-Pyrido[3,4-b]quinolone, 7-methoxy	1000256-99-5	NIST98.L	73556	72	C13H10N2O2	226
1,4-Benzenediamine, N-(1-methylethyl)-N'	101-72-4	NIST98.L	73890	64	C15H18N2	226









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Date : 25-AUG-2005 02:11

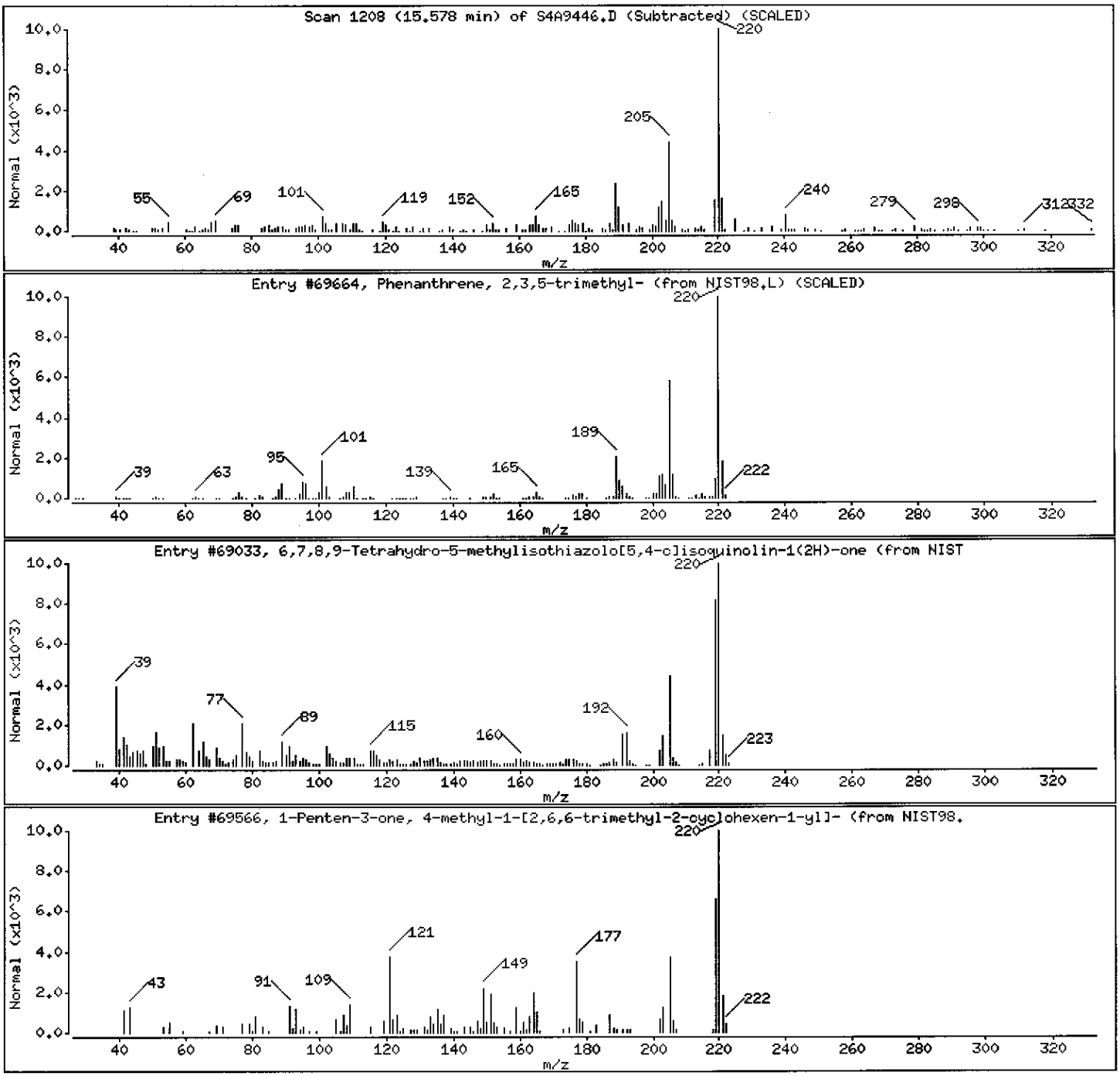
Client ID: SD05-S-0 Instrument: S4.i

Sample Info: D0926-08A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 2,3,5-trimethyl-	3674-73-5	NIST98.L	69664	86	C17H16	220
6,7,8,9-Tetrahydro-5-methylisothiazolo[5	339156-87-5	NIST98.L	69033	53	C11H12N2OS	220
1-Penten-3-one, 4-methyl-1-[2,6,6-trimet	1000132-20-9	NIST98.L	69566	50	C15H24O	220



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Date : 25-AUG-2005 02:11

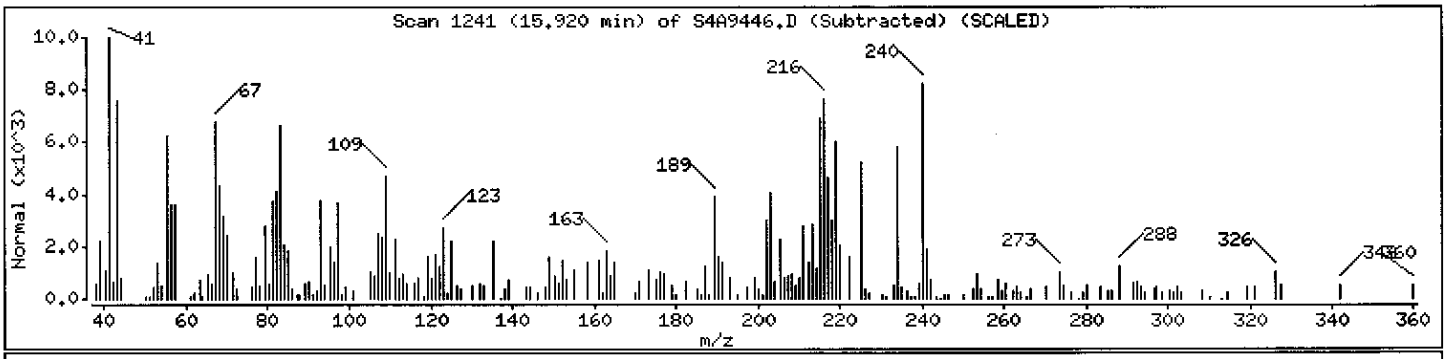
Client ID: SD05-S-0 Instrument: S4.i

Sample Info: D0926-08A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 02:11

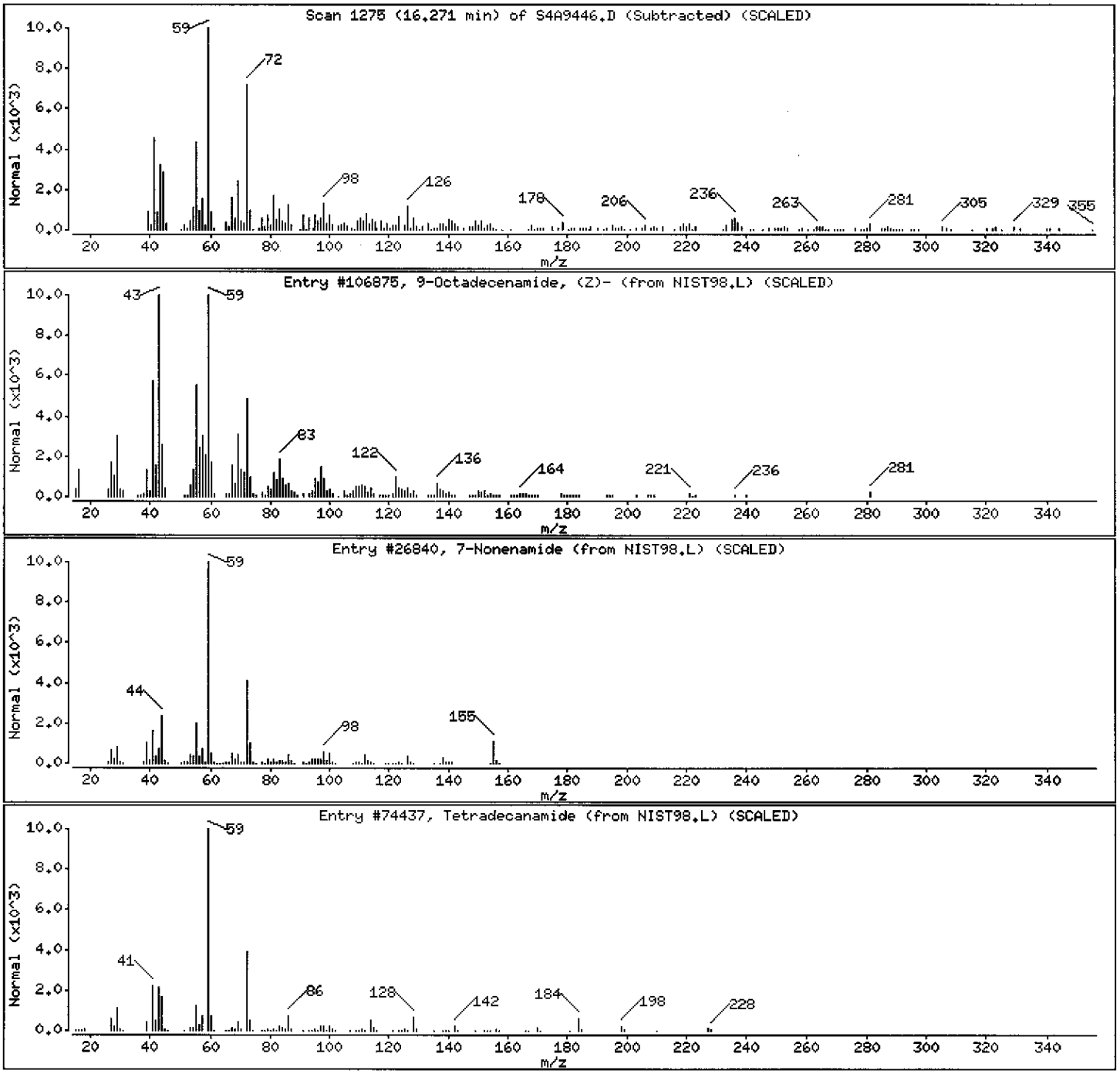
Client ID: SD05-S-0 Instrument: S4.i

Sample Info: D0926-08A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
9-Octadecenamide, (Z)-	301-02-0	NIST98.L	106875	74	C18H35NO	281
7-Nonenamide	90949-53-4	NIST98.L	26840	64	C9H17NO	155
Tetradecanamide	638-58-4	NIST98.L	74437	59	C14H29NO	227



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Date : 25-AUG-2005 02:11

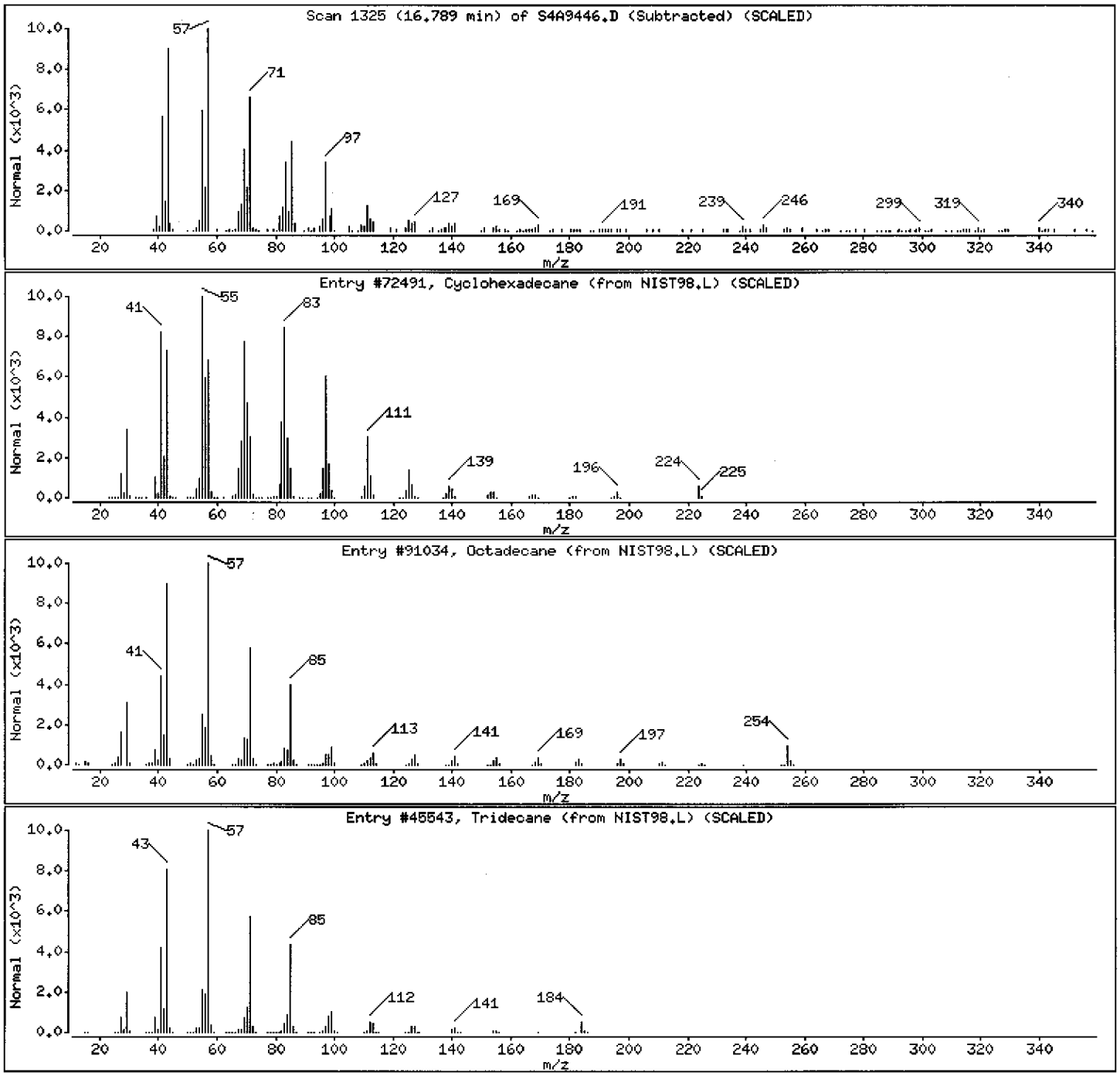
Client ID: SD05-S-0 Instrument: S4.i

Sample Info: D0926-08A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclohexadecane	295-65-8	NIST98.L	72491	86	C16H32	224
Octadecane	593-45-3	NIST98.L	91034	62	C18H38	254
Tridecane	629-50-5	NIST98.L	45543	62	C13H28	184



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Date : 25-AUG-2005 02:11

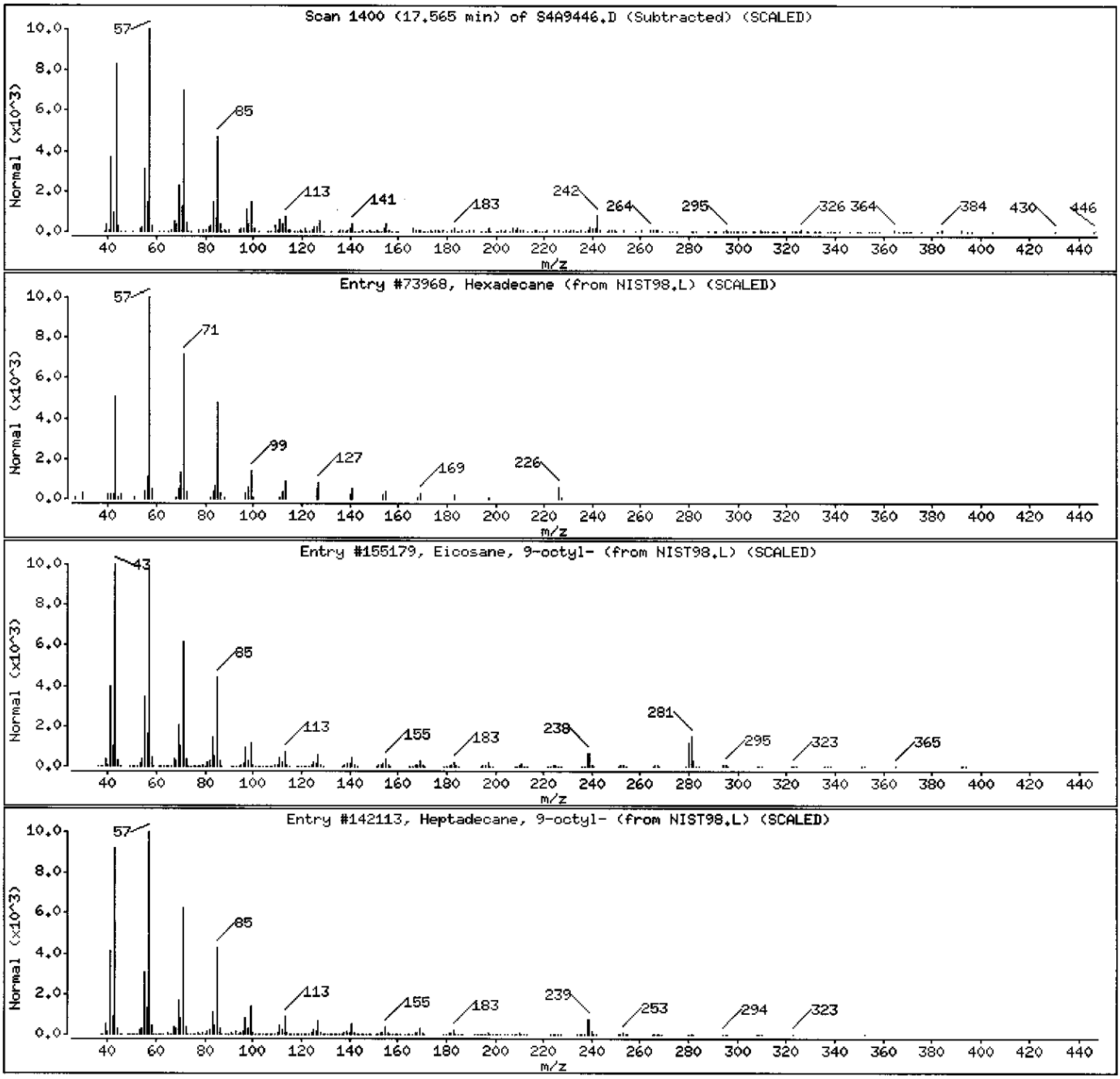
Client ID: SD05-S-0 Instrument: S4.i

Sample Info: D0926-08A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Hexadecane	544-76-3	NIST98.L	73968	90	C16H34	226
Eicosane, 9-octyl-	13475-77-9	NIST98.L	155179	87	C28H58	394
Heptadecane, 9-octyl-	7225-64-1	NIST98.L	142113	87	C25H52	352



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Date : 25-AUG-2005 02:11

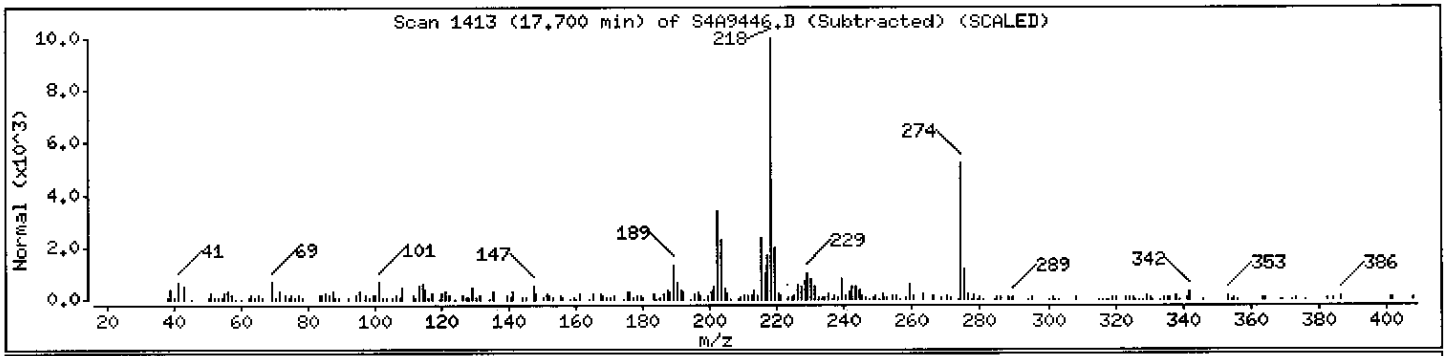
Client ID: SD05-S-0 Instrument: S4.i

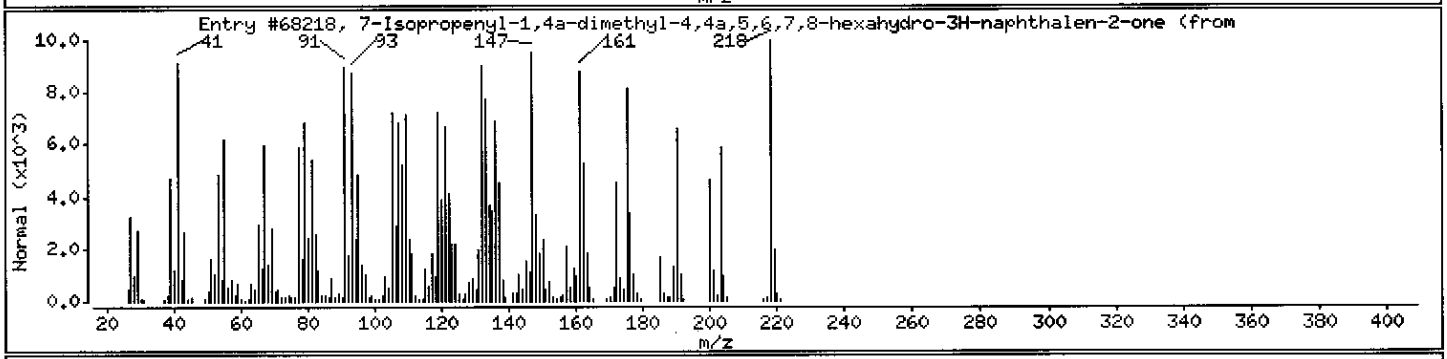
Sample Info: D0926-08A,,19468,,

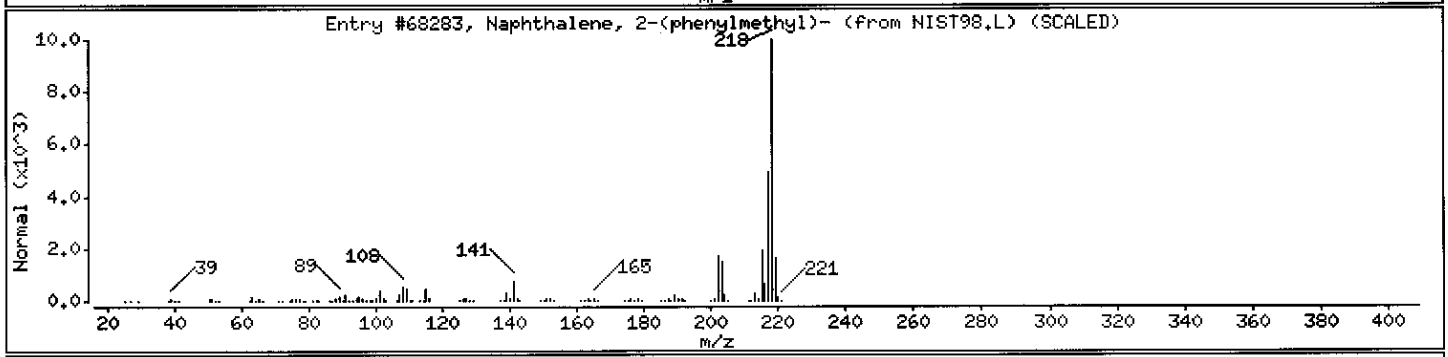
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

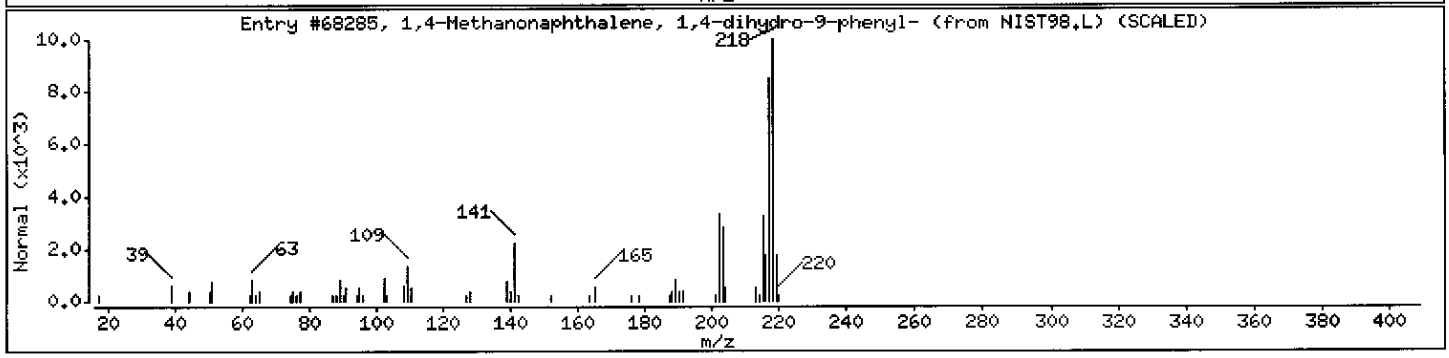
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
7-Isopropenyl-1,4a-dimethyl-4,4a,5,6,7,8	473-08-5	NIST98.L	68218	74	C15H220	218
Naphthalene, 2-(phenylmethyl)-	613-59-2	NIST98.L	68283	64	C17H14	218
1,4-Methanonaphthalene, 1,4-dihydro-9-ph	55028-73-4	NIST98.L	68285	49	C17H14	218









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Date : 25-AUG-2005 02:11

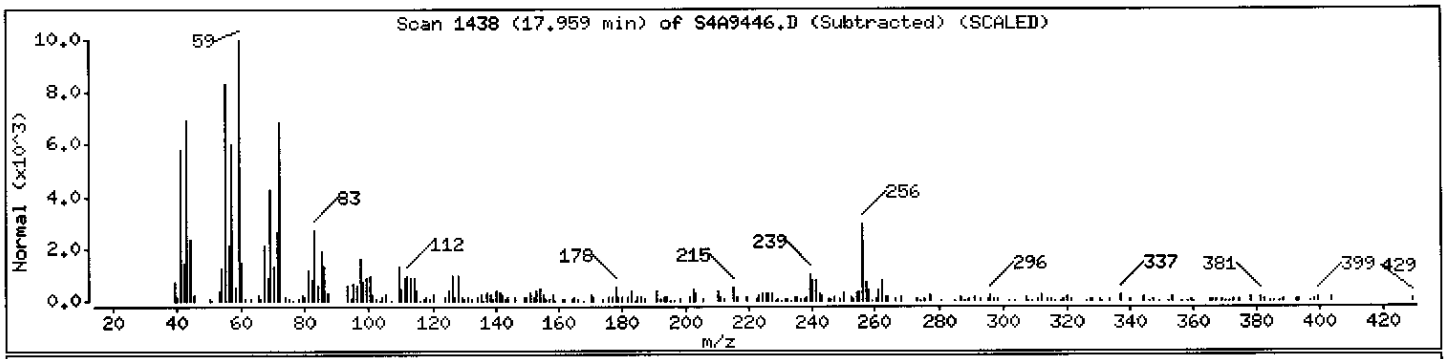
Client ID: SD05-S-0 Instrument: S4.i

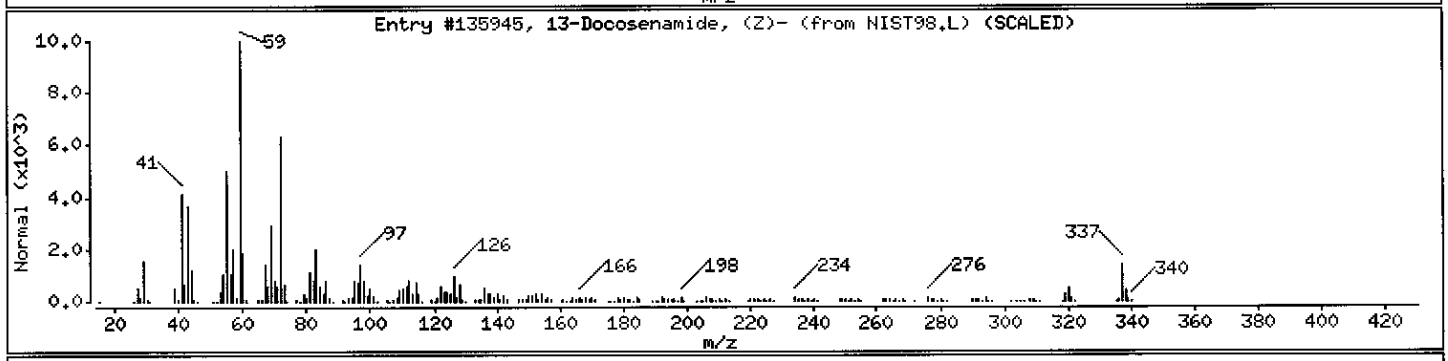
Sample Info: D0926-08A,,19468,,

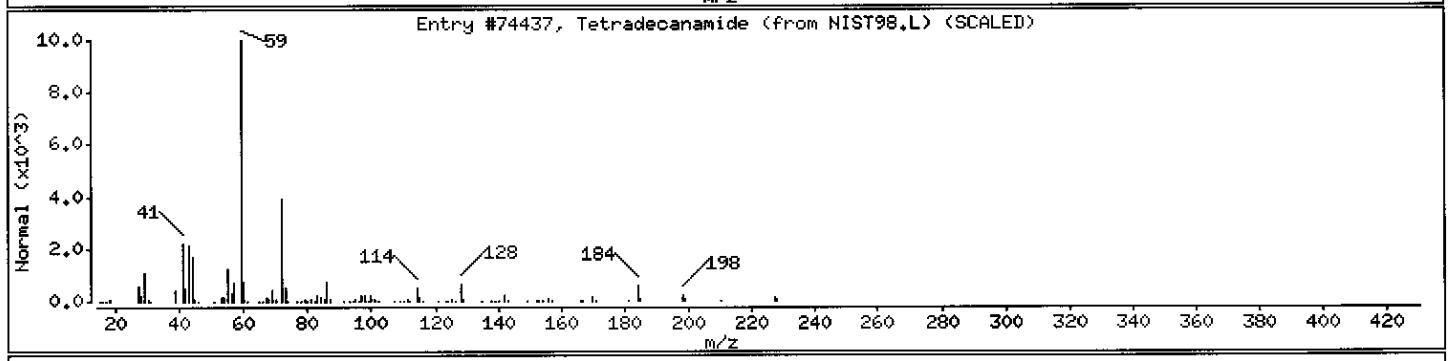
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

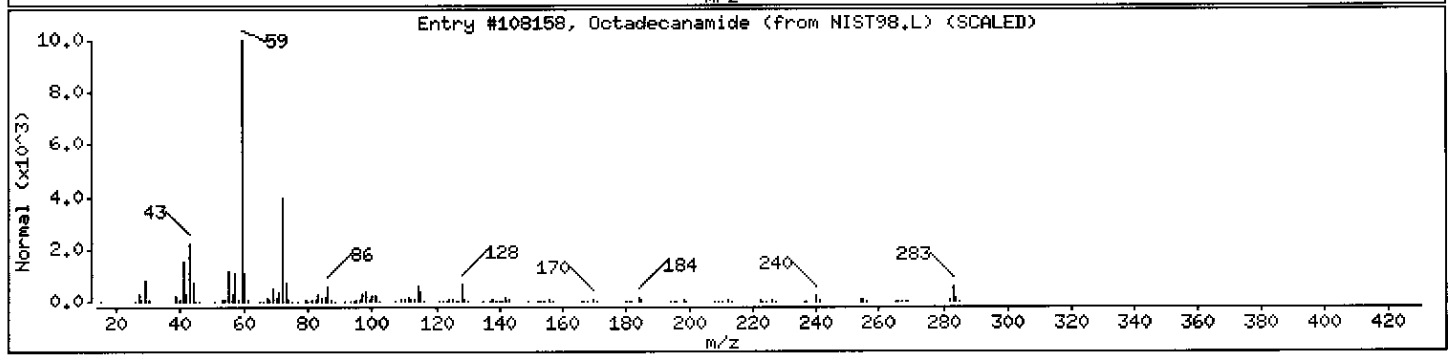
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
13-Docosenamide, (Z)-	112-84-5	NIST98.L	135945	70	C22H43NO	337
Tetradecanamide	638-58-4	NIST98.L	74437	58	C14H29NO	227
Octadecanamide	124-26-5	NIST98.L	108158	53	C18H37NO	283









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Date : 25-AUG-2005 02:11

Client ID: SD05-S-O

Instrument: S4.i

Sample Info: D0926-08A,,19468,,

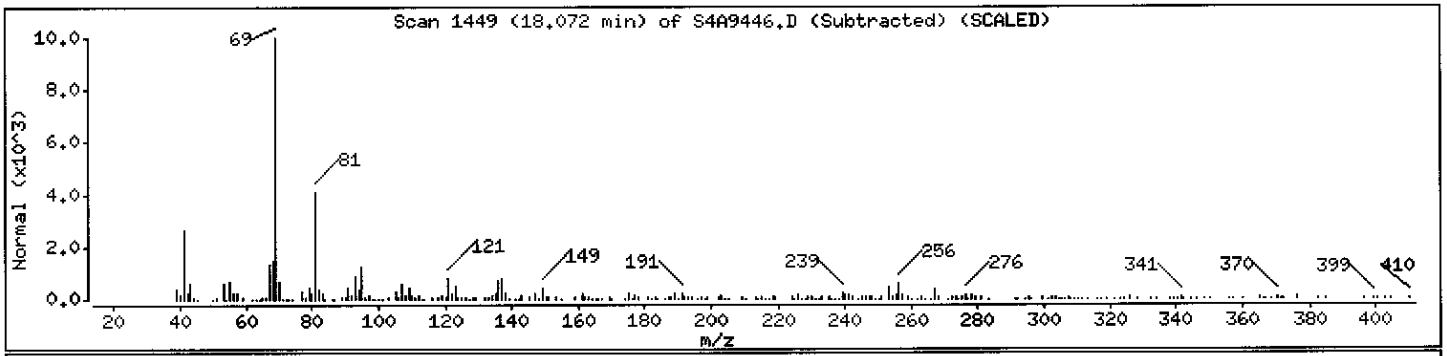
Volume Injected (uL): 2.0

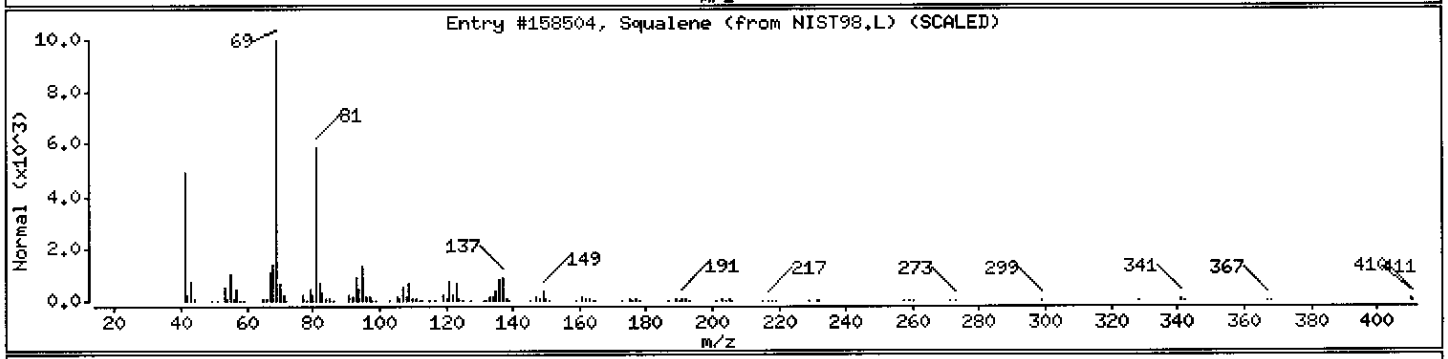
Operator: AW SRC: LIMS

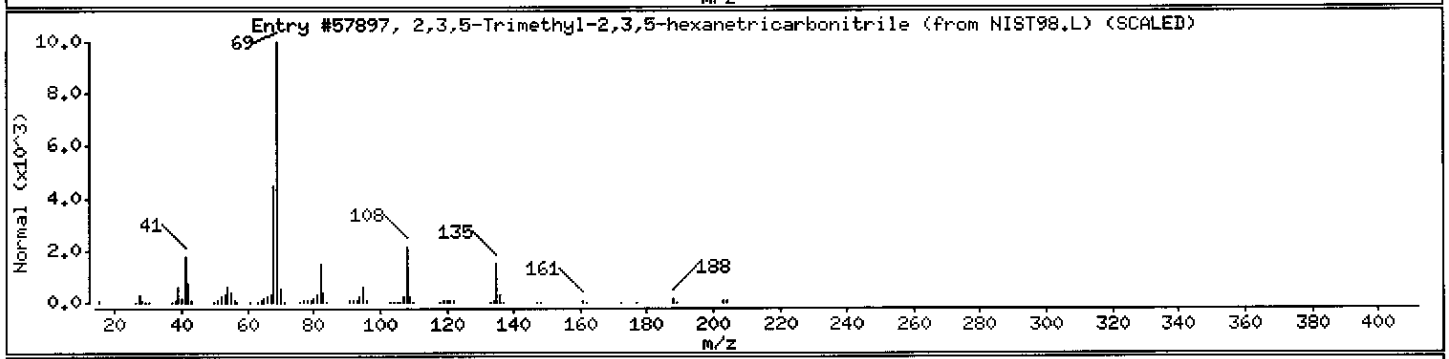
Column phase: DB-5MS

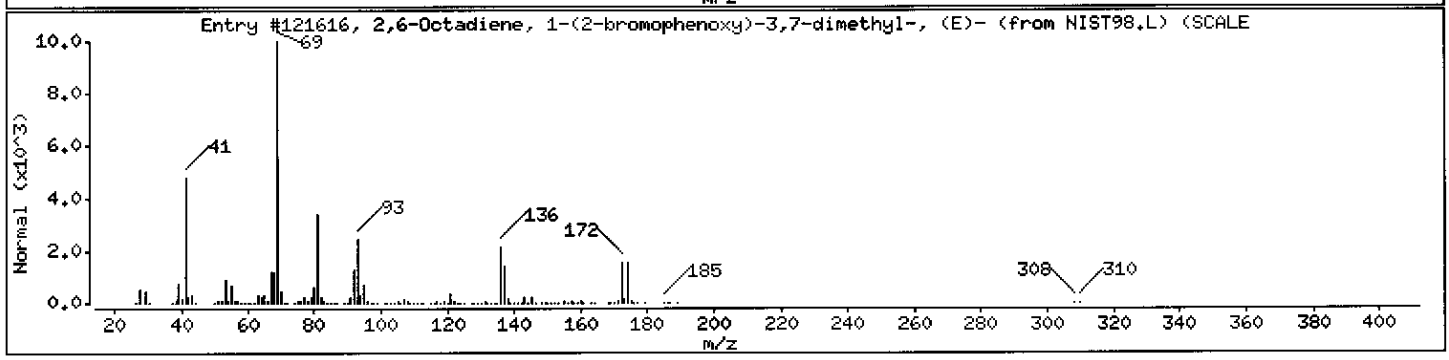
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Squalene	7683-64-9	NIST98.L	158504	64	C30H50	410
2,3,5-Trimethyl-2,3,5-hexanetricarbonitr	3974-79-6	NIST98.L	57897	64	C12H17N3	203
2,6-Octadiene, 1-(2-bromophenoxy)-3,7-di	1000163-04-5	NIST98.L	121616	64	C16H21BrO	308









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D

Date : 25-AUG-2005 02:11

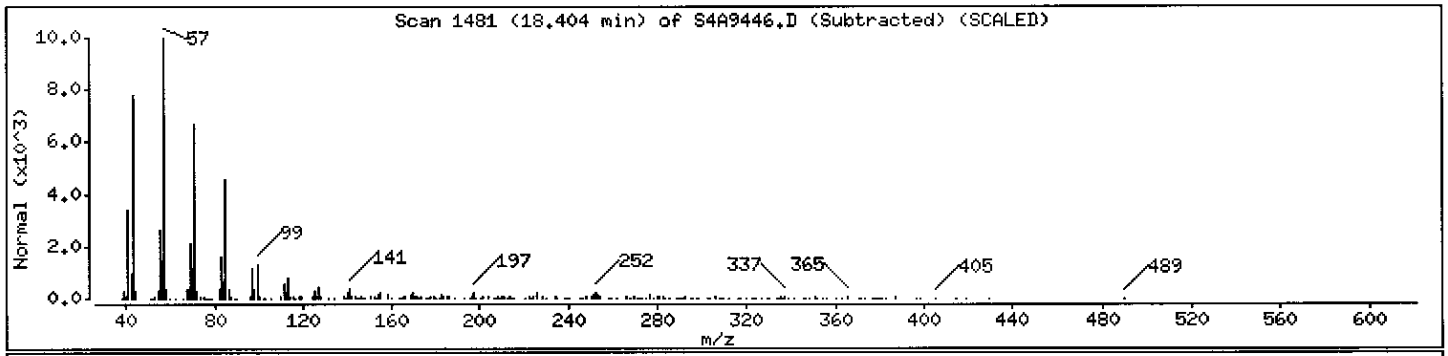
Client ID: SD05-S-0 Instrument: S4.i

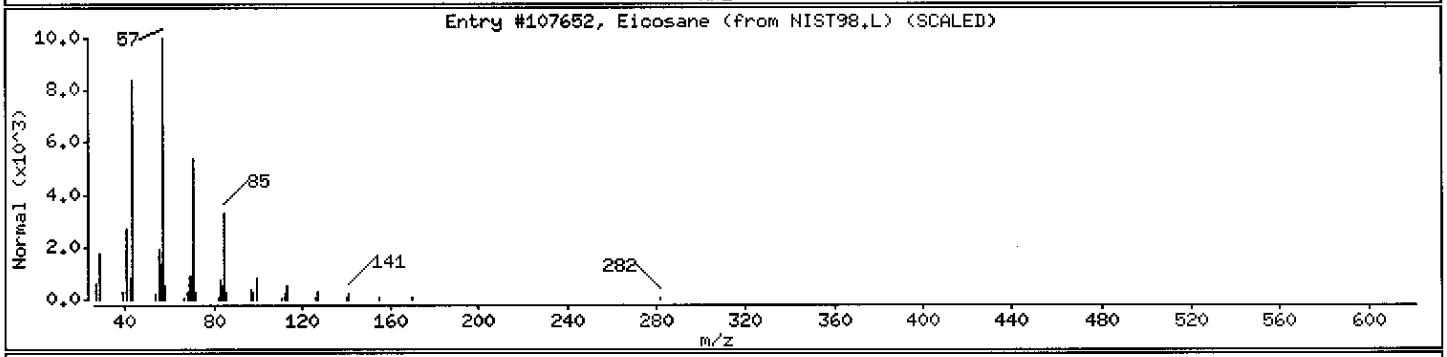
Sample Info: D0926-08A,,19468,,

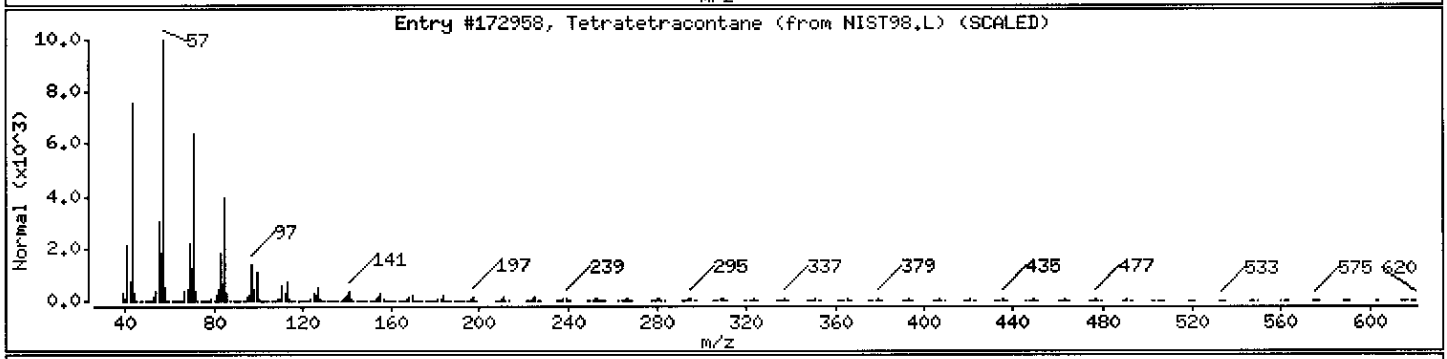
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

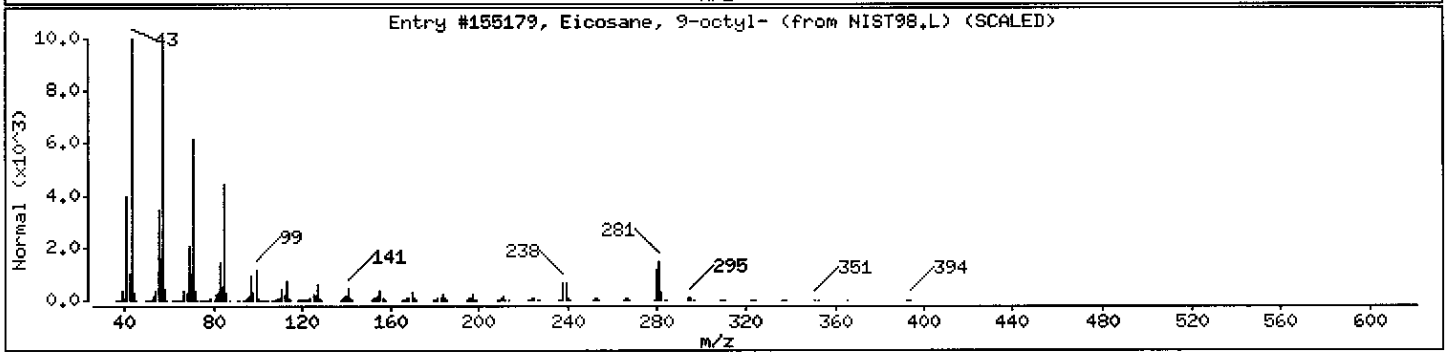
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Eicosane	112-95-8	NIST98.L	107652	96	C20H42	282
Tetratetracontane	7098-22-8	NIST98.L	172958	90	C44H90	619
Eicosane, 9-octyl-	13475-77-9	NIST98.L	155179	87	C28H58	394









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D

Date : 25-AUG-2005 02:11

Client ID: SD05-S-O

Instrument: S4.i

Sample Info: D0926-08A,,19468,,

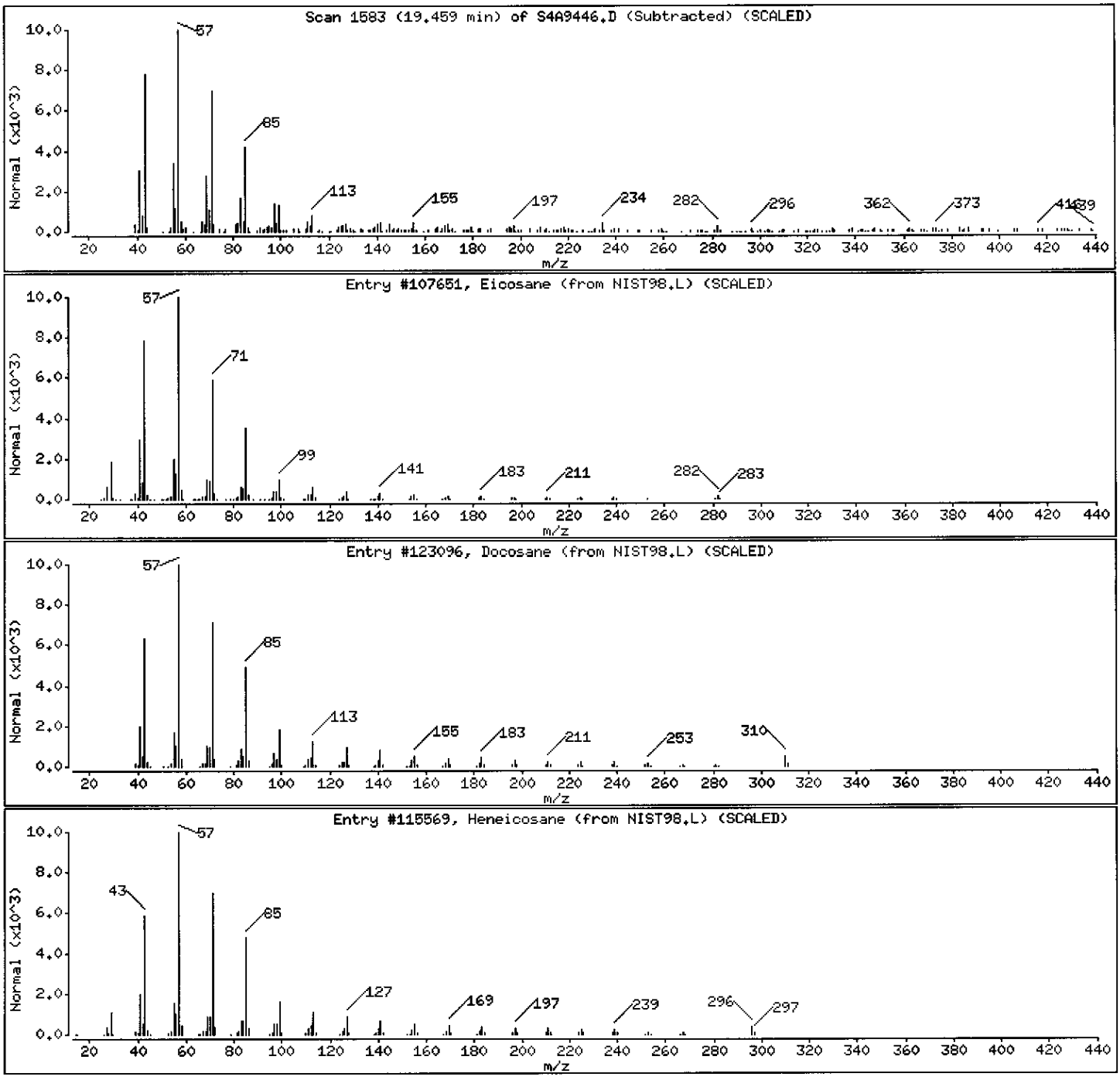
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Eicosane	112-95-8	NIST98.L	107651	96	C20H42	282
Docosane	629-97-0	NIST98.L	123096	91	C22H46	310
Heneicosane	629-94-7	NIST98.L	115569	91	C21H44	296



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Date : 25-AUG-2005 02:11

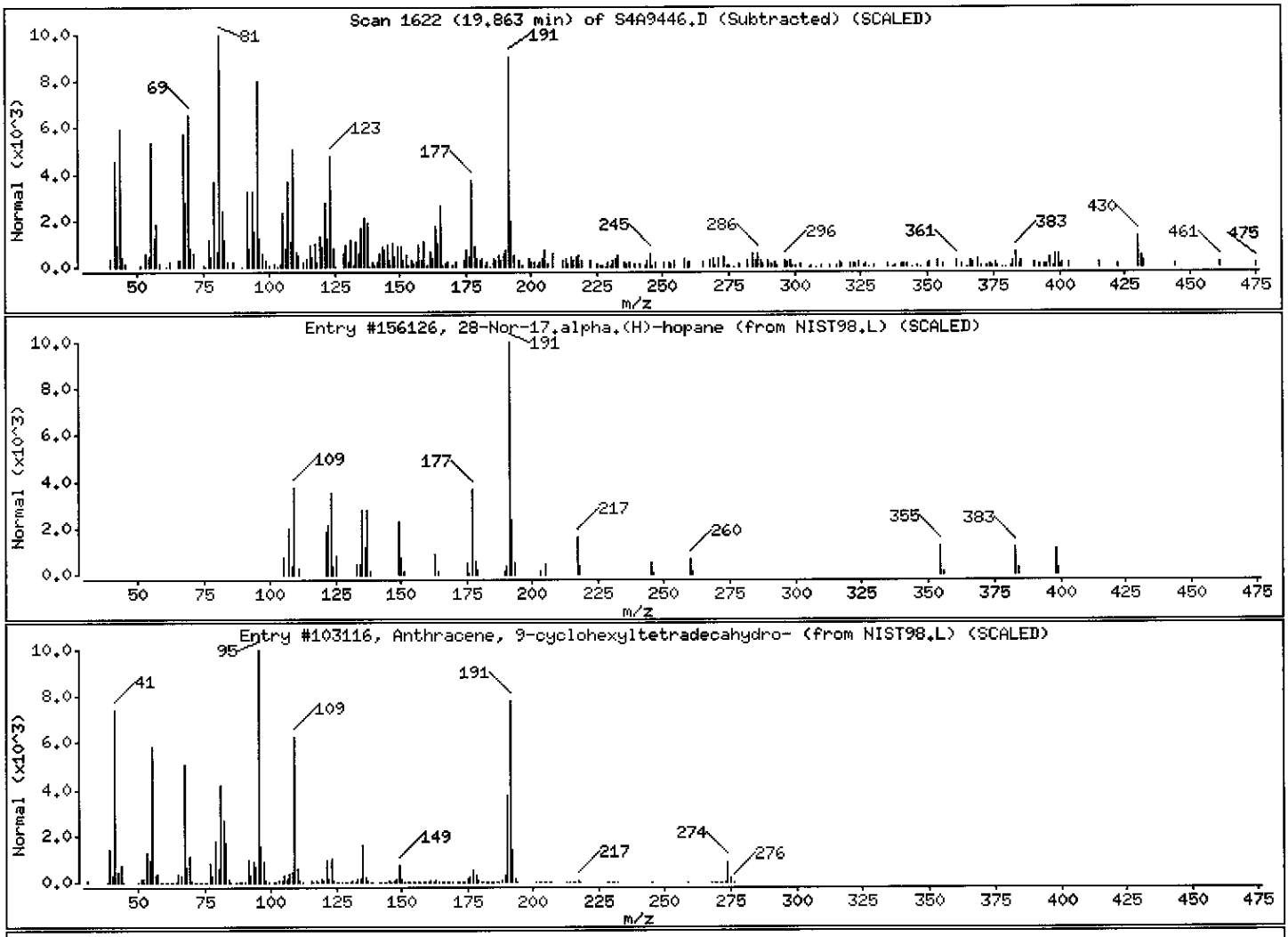
Client ID: SD05-S-0 Instrument: S4.i

Sample Info: D0926-08A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
28-Nor-17.alpha.(H)-hopane	53584-60-4	NIST98.L	156126	91	C29H50	398
Anthracene, 9-cyclohexyltetradecahydro-	55255-70-4	NIST98.L	103116	43	C20H34	274



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D

Date : 25-AUG-2005 02:11

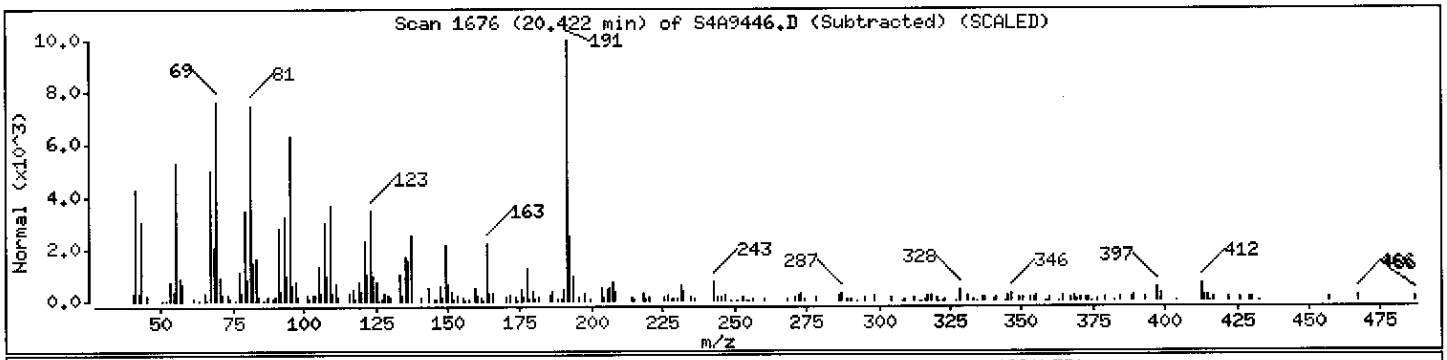
Client ID: SD05-S-0 Instrument: S4.i

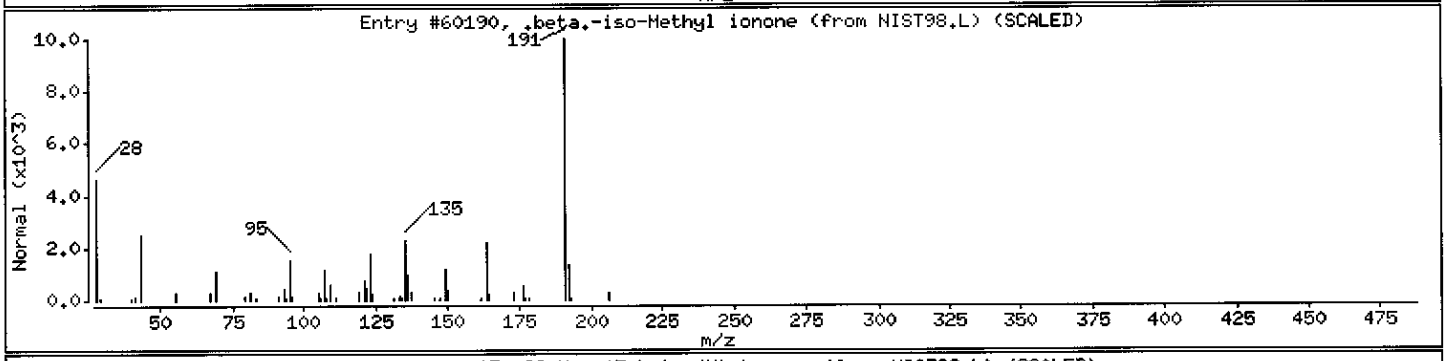
Sample Info: D0926-08A,,19468,,

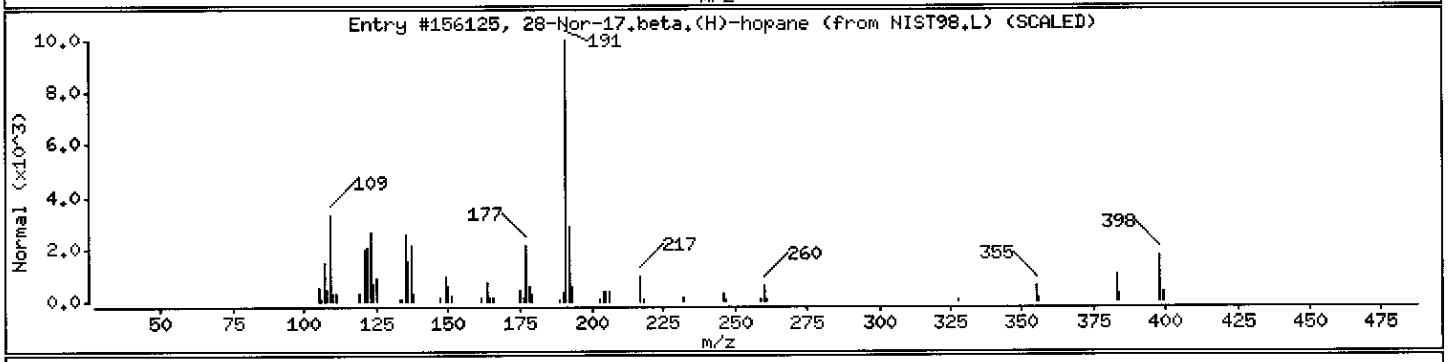
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
.beta.-iso-Methyl ionone	1000285-40-2	NIST98.L	60190	83	C14H22O	206
28-Nor-17.beta.(H)-hopane	36728-72-0	NIST98.L	156125	72	C29H50	398







Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D

Date : 25-AUG-2005 02:11

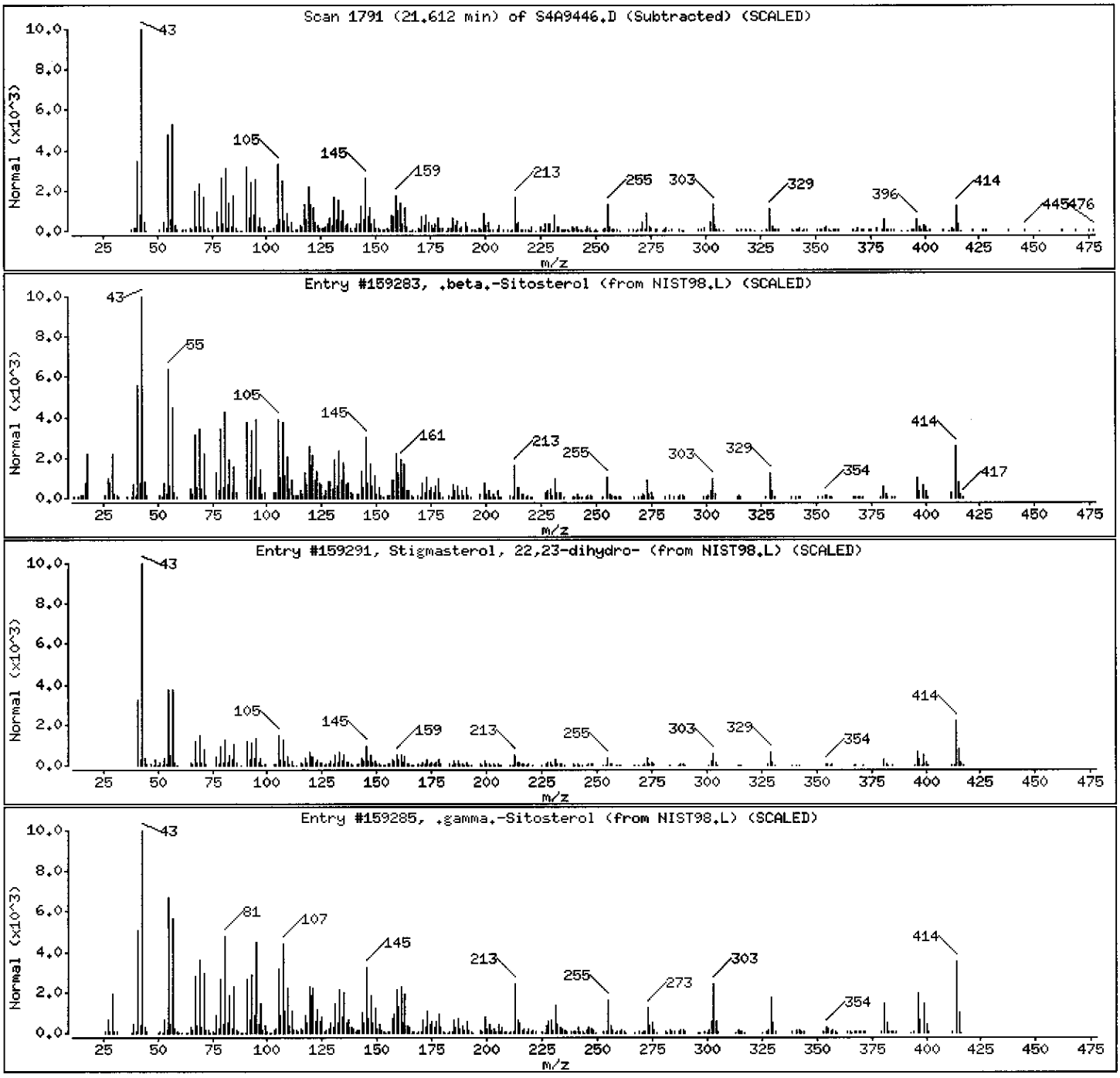
Client ID: SD05-S-0 Instrument: S4.i

Sample Info: D0926-08A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.beta.-Sitosterol	83-46-5	NIST98.L	159283	93	C29H50O	414
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST98.L	159291	90	C29H50O	414
.gamma.-Sitosterol	83-47-6	NIST98.L	159285	78	C29H50O	414



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D

Date : 25-AUG-2005 02:11

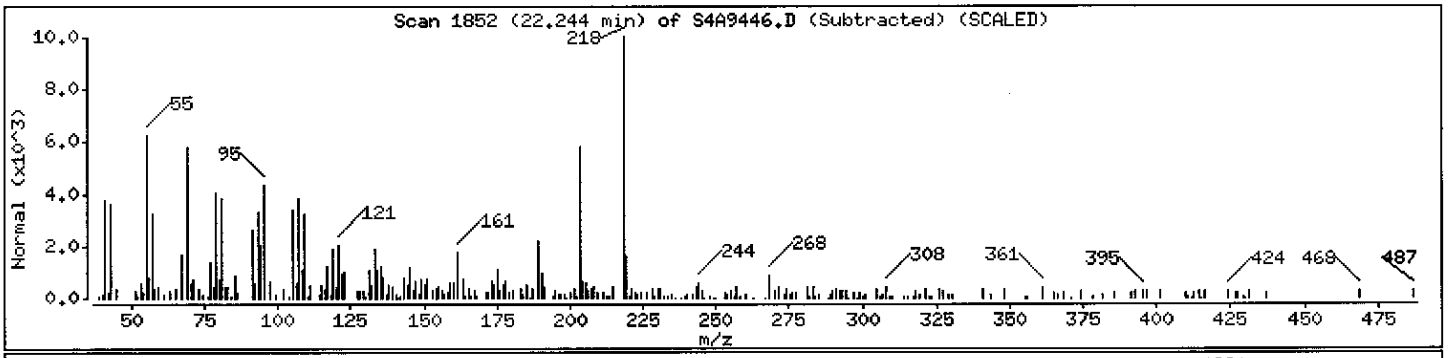
Client ID: SD05-S-0 Instrument: S4.i

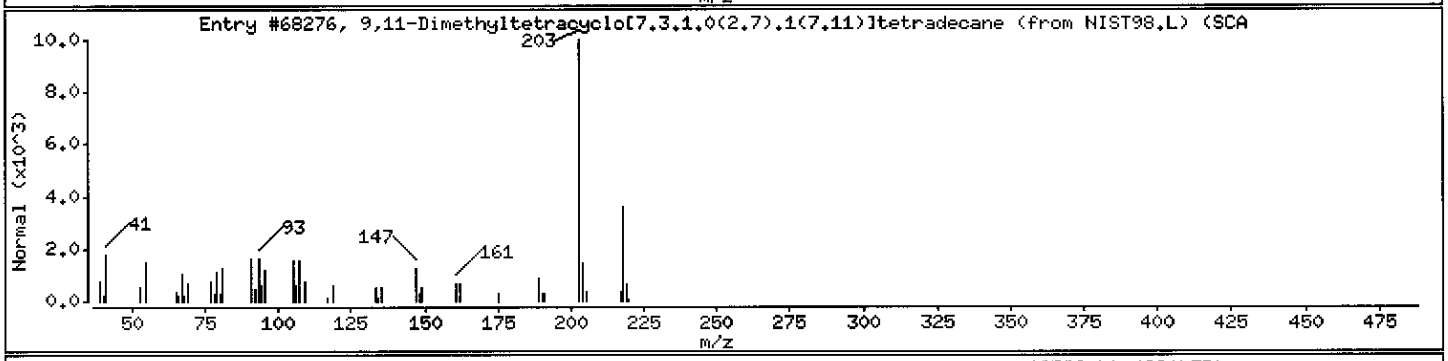
Sample Info: D0926-08A,,19468,,

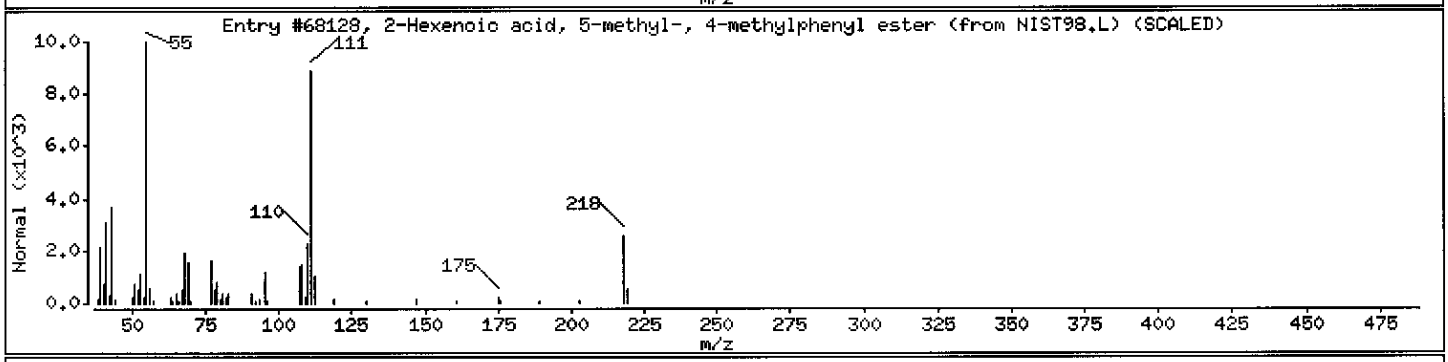
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
9,11-Dimethyltetracyclo[7.3.1.0(2.7).1(7	53263-99-3	NIST98.L	68276	46	C16H26	218
2-Hexenoic acid, 5-methyl-, 4-methylphen	72060-09-4	NIST98.L	68128	43	C14H1802	218







Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D

Date : 25-AUG-2005 02:11

Client ID: SD05-S-O

Instrument: S4.i

Sample Info: D0926-08A,,19468,,

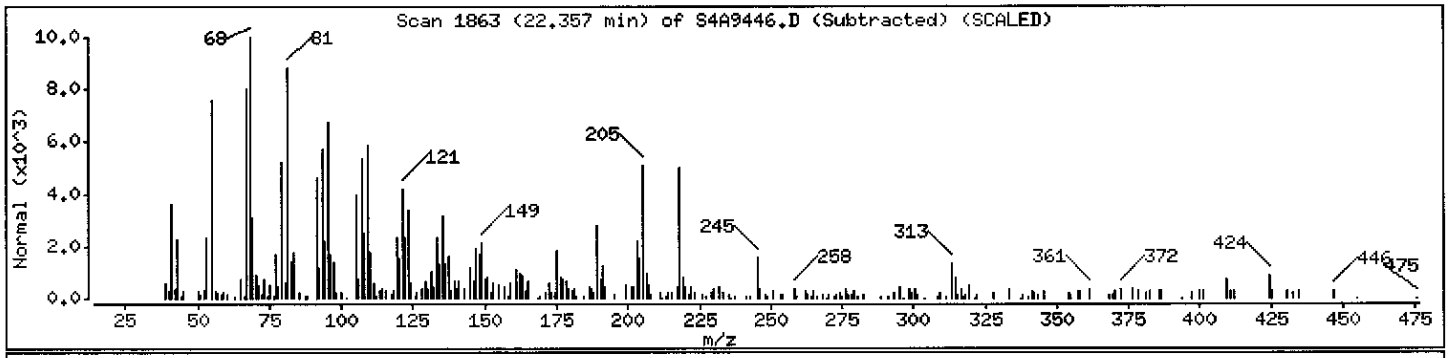
Volume Injected (uL): 2.0

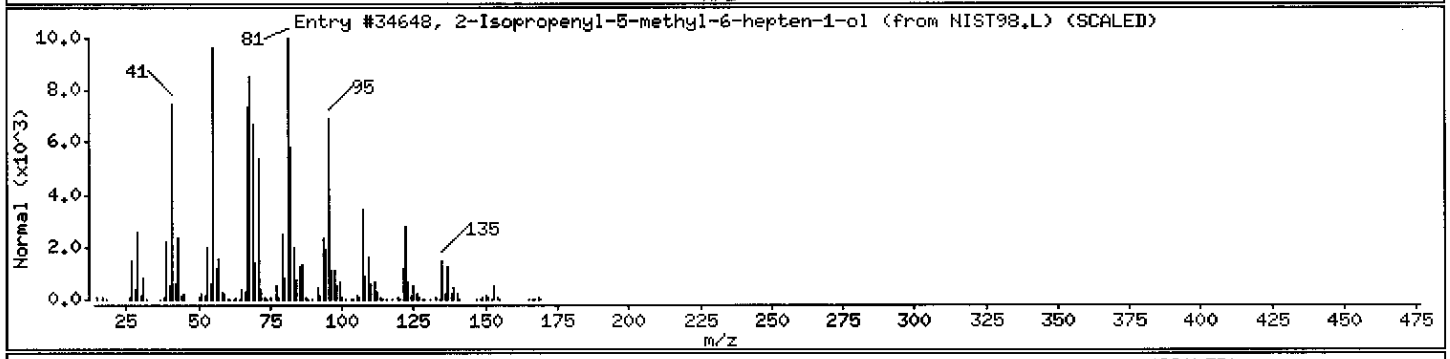
Operator: AW SRC: LIMS

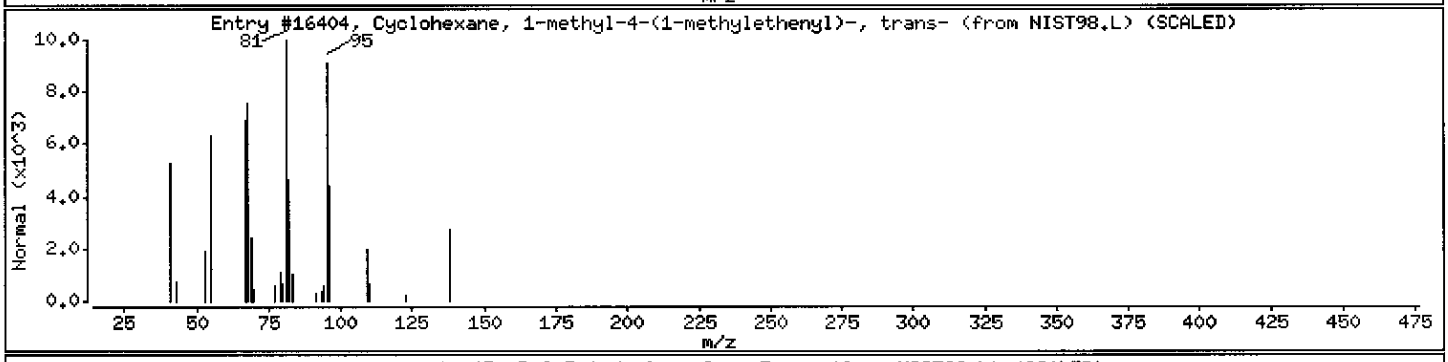
Column phase: DB-5MS

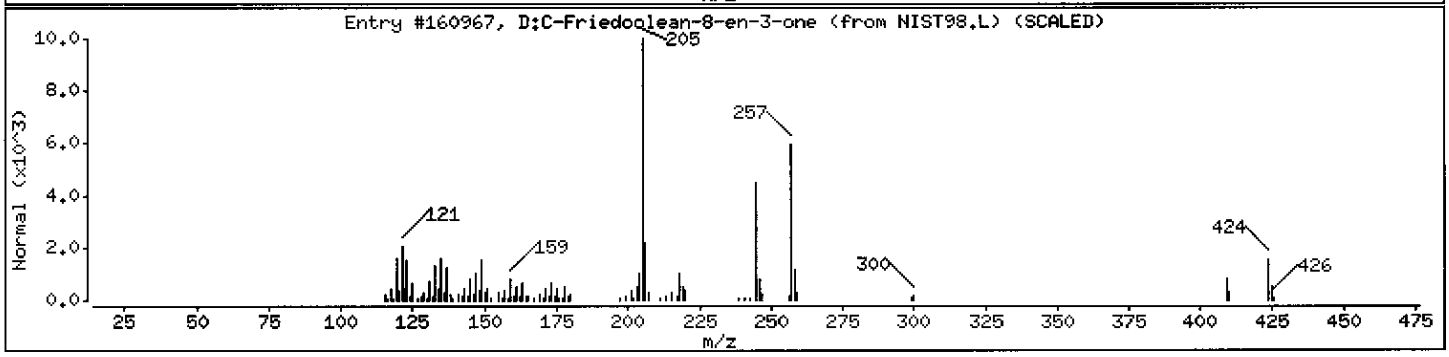
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Isopropenyl-5-methyl-6-hepten-1-ol	13066-55-2	NIST98.L	34648	53	C11H20O	168
Cyclohexane, 1-methyl-4-(1-methylethenyl	1124-25-0	NIST98.L	16404	49	C10H18	138
D:C-Friedoolean-8-en-3-one	22611-26-3	NIST98.L	160967	46	C30H48O	424









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D

Date : 25-AUG-2005 02:11

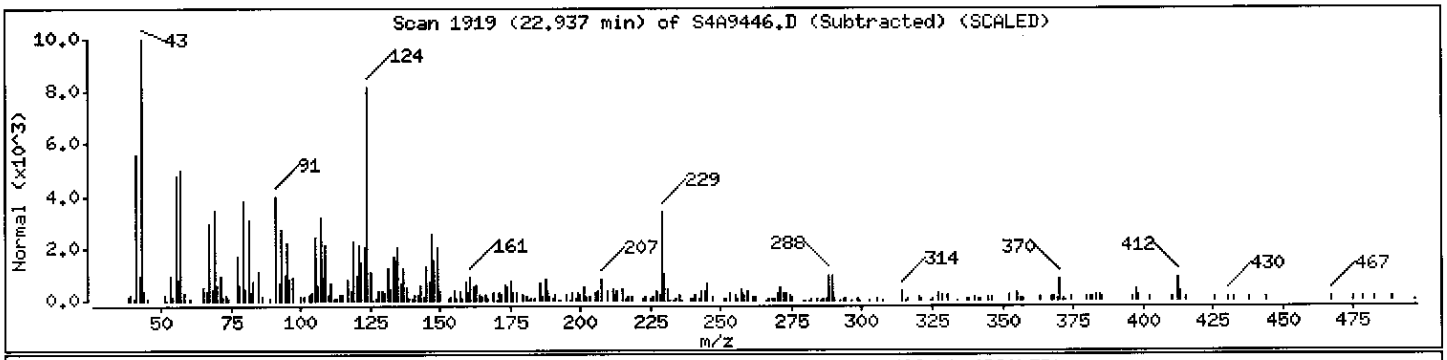
Client ID: SD05-S-0 Instrument: S4.i

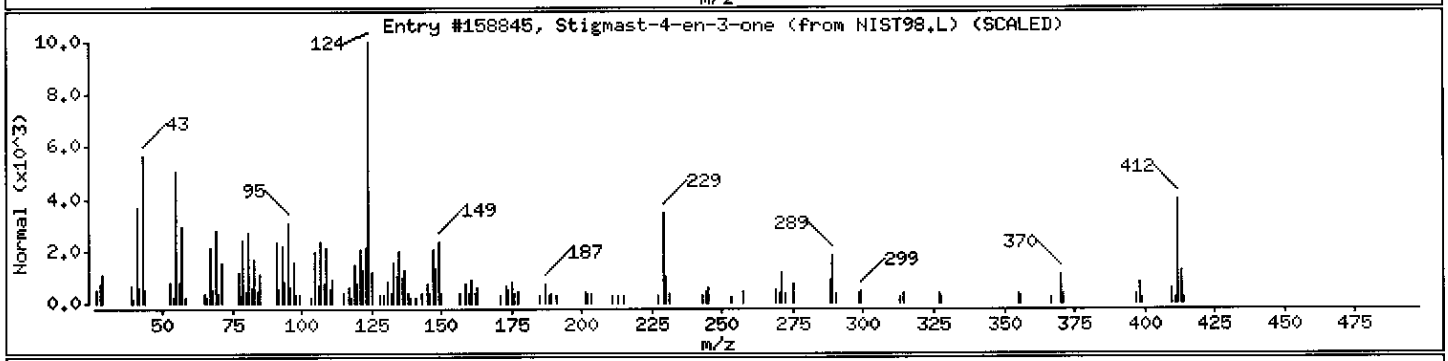
Sample Info: D0926-08A,,19468,,

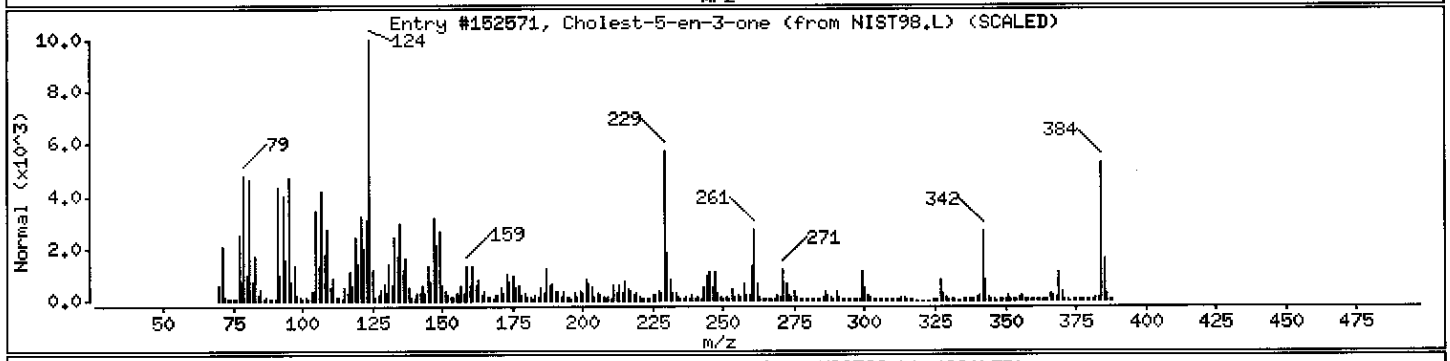
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

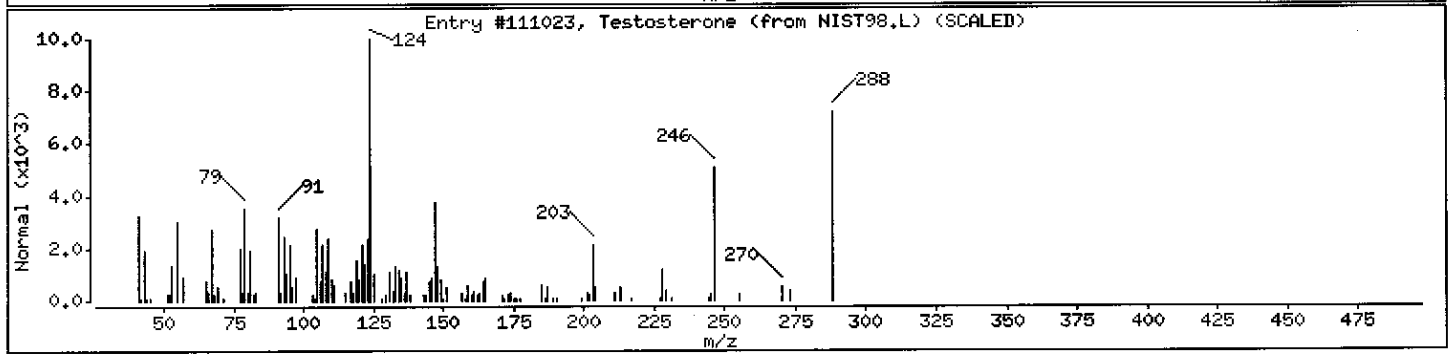
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Stigmast-4-en-3-one	1058-61-3	NIST98.L	158845	95	C29H480	412
Cholest-5-en-3-one	601-54-7	NIST98.L	152571	83	C27H440	384
Testosterone	58-22-0	NIST98.L	111023	70	C19H2802	288









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9446.D

Date : 25-AUG-2005 02:11

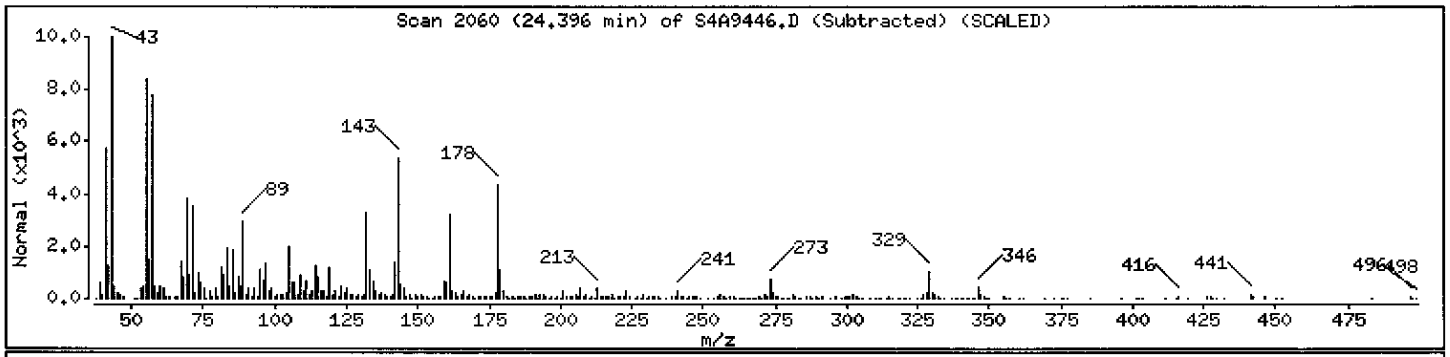
Client ID: SD05-S-0 Instrument: S4.i

Sample Info: D0926-08A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD06-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-09A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A9438

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 55 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	730	U
108-95-2	Phenol	730	U
111-44-4	bis(2-Chloroethyl)Ether	730	U
95-57-8	2-Chlorophenol	730	U
95-48-7	2-Methylphenol	730	U
108-60-1	2,2'-oxybis(1-Chloropropane)	730	U
98-86-2	Acetophenone	730	U
106-44-5	4-Methylphenol	730	U
621-64-7	N-Nitroso-di-n-propylamine	730	U
67-72-1	Hexachloroethane	730	U
98-95-3	Nitrobenzene	730	U
78-59-1	Isophorone	730	U
88-75-5	2-Nitrophenol	730	U
105-67-9	2,4-Dimethylphenol	730	U
111-91-1	bis(2-Chloroethoxy)methane	730	U
120-83-2	2,4-Dichlorophenol	730	U
91-20-3	Naphthalene	730	U
106-47-8	4-Chloroaniline	730	U
87-68-3	Hexachlorobutadiene	730	U
105-60-2	Caprolactam	730	U
59-50-7	4-Chloro-3-Methylphenol	730	U
91-57-6	2-Methylnaphthalene	730	U
77-47-4	Hexachlorocyclopentadiene	730	U
88-06-2	2,4,6-Trichlorophenol	730	U
95-95-4	2,4,5-Trichlorophenol	1800	U
92-52-4	1,1'-Biphenyl	730	U
91-58-7	2-Chloronaphthalene	730	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	730	U
606-20-2	2,6-Dinitrotoluene	730	U
208-96-8	Acenaphthylene	730	U
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	730	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD06-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-09A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A9438

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 55 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	730	U
121-14-2	2,4-Dinitrotoluene	730	U
84-66-2	Diethylphthalate	730	U
86-73-7	Fluorene	730	U
7005-72-3	4-Chlorophenyl-phenylether	730	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	730	U
101-55-3	4-Bromophenyl-phenylether	730	U
118-74-1	Hexachlorobenzene	730	U
1912-24-9	Atrazine	730	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	150	J
120-12-7	Anthracene	730	U
86-74-8	Carbazole	730	U
84-74-2	Di-n-butylphthalate	730	U
206-44-0	Fluoranthene	230	J
129-00-0	Pyrene	190	J
85-68-7	Butylbenzylphthalate	730	U
91-94-1	3,3'-Dichlorobenzidine	730	U
56-55-3	Benzo(a)anthracene	110	J
218-01-9	Chrysene	130	J
117-81-7	bis(2-Ethylhexyl)phthalate	92	JB
117-84-0	Di-n-octylphthalate	730	U
205-99-2	Benzo(b)fluoranthene	150	J
207-08-9	Benzo(k)fluoranthene	81	J
50-32-8	Benzo(a)pyrene	110	J
193-39-5	Indeno(1,2,3-cd)pyrene	730	U
53-70-3	Dibenzo(a,h)anthracene	730	U
191-24-2	Benzo(g,h,i)perylene	730	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD06-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-09A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A9438

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 55 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

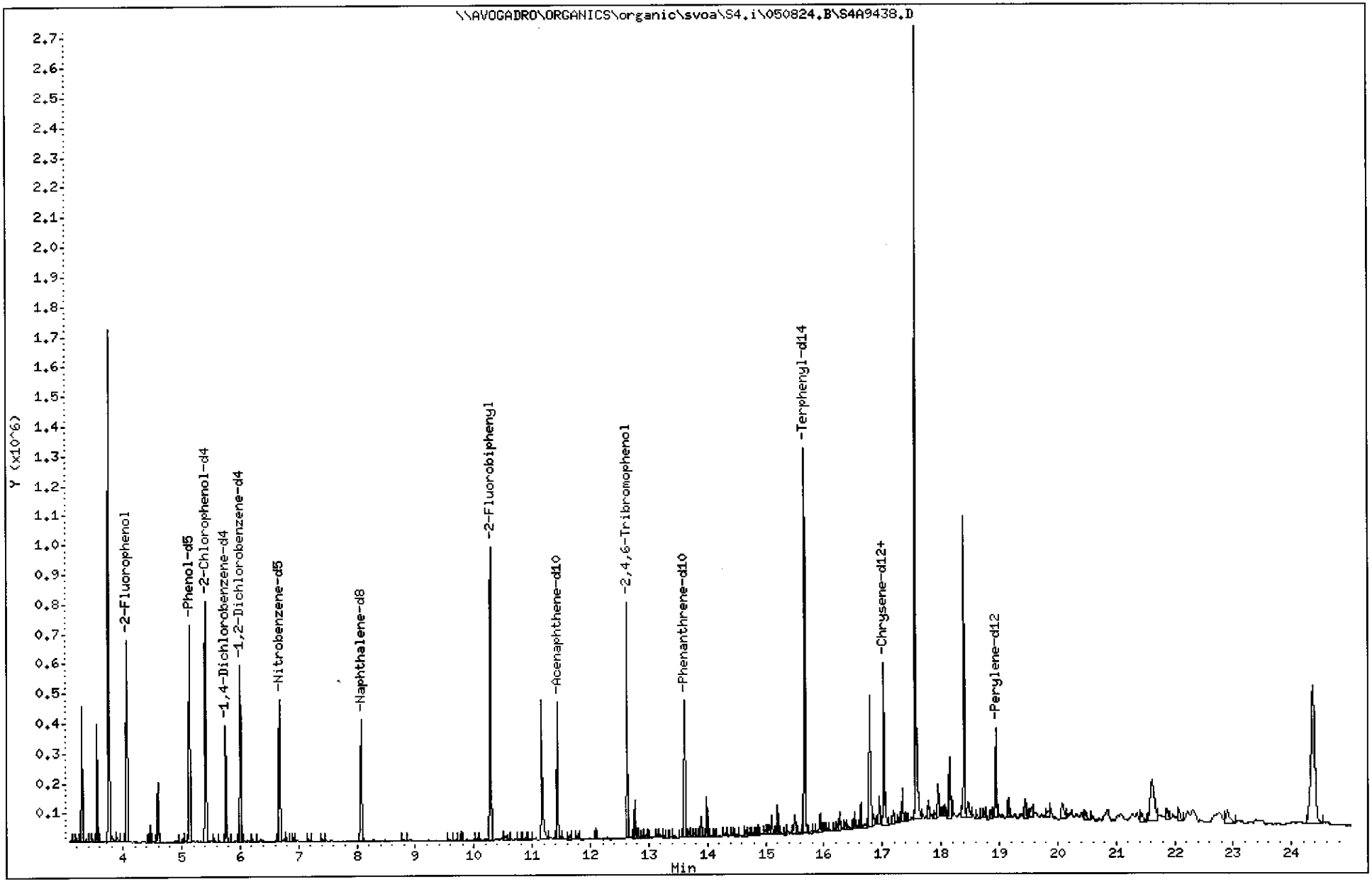
Number TICs found: 18

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	13.88	210	J
2.		UNKNOWN	15.10	200	J
3.		UNKNOWN	16.26	150	J
4.		UNKNOWN	16.63	200	J
5.	67860-04-2	OXIRANE, HEPTADECYL-	17.34	230	NJ
6.	480-40-0	CHRYSIN	17.78	170	NJ
7.	638-66-4	OCTADECANAL	18.15	780	NJ
8.		UNKNOWN	18.47	410	J
9.	18633-25-5	OXIRANE, TRIDECYL-	19.16	270	NJ
10.		UNKNOWN	19.55	340	J
11.		UNKNOWN	19.83	150	J
12.	7494-34-0	26-NOR-5-CHOLESTEN-3.BETA.-O	20.08	520	NJ
13.		UNKNOWN	20.47	210	J
14.	83-46-5	.BETA.-SITOSTEROL	21.61	2000	NJ
15.		UNKNOWN	21.88	290	J
16.		UNKNOWN	22.08	360	J
17.		UNKNOWN	22.90	590	J
18.		UNKNOWN	24.37	6300	JB
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9438.D
Date : 24-AUG-2005 21:40
Client ID: SD06-S-0
Sample Info: D0926-09A,,19468,,
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S4.i
Operator: AW SRC: LIMS
Column diameter: 0.25



Data File: S4A9438.D
Report Date: 31-Aug-2005 13:43

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9438.D
Lab Smp Id: D0926-09A Client Smp ID: SD06-S-O
Inj Date : 24-AUG-2005 21:40
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-09A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D ✓
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	55.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	4.058	4.048	(0.705)	195263	106.747	3900
$	3 Phenol-d5	99	5.134	5.135	(0.892)	285903	109.385	4000
$	6 2-Chlorophenol-d4	132	5.414	5.414	(0.941)	241021	109.315	4000
*	8 1,4-Dichlorobenzene-d4	152	5.755	5.755	(1.000)	65775	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	6.004	6.004	(1.043)	102009	66.8473	2500
$	16 Nitrobenzene-d5	82	6.676	6.677	(0.827)	218035	73.3503	2700
*	23 Naphthalene-d8	136	8.074	8.074	(1.000)	258997	40.0000	
$	33 2-Fluorobiphenyl	172	10.289	10.289	(0.900)	404678	85.9127	3200
*	41 Acenaphthene-d10	164	11.438	11.438	(1.000)	137097	40.0000	
$	53 2,4,6-Tribromophenol	330	12.628	12.628	(0.928)	79710	139.851	5200
*	58 Phenanthrene-d10	188	13.611	13.611	(1.000)	216898	40.0000	
	59 Phenanthrene	178	13.642	13.642	(1.002)	26451	4.11667	150(a)
	63 Fluoranthene	202	15.205	15.205	(1.117)	41225	6.28900	230(a)

Data File: S4A9438.D
Report Date: 31-Aug-2005 13:43

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
	64 Pyrene	202	15.505	15.505	(0.911)	31231	5.10155	190(a)
$	65 Terphenyl-d14	244	15.671	15.671	(0.920)	420599	94.9155	3500
	68 Benzo(a)anthracene	228	17.016	17.017	(0.999)	16630	2.99314	110(a)
*	69 Chrysene-d12	240	17.027	17.027	(1.000)	176316	40.0000	
	70 Chrysene	228	17.058	17.068	(1.002)	17841	3.42979	130(a)
	71 bis(2-Ethylhexyl)phthalate	149	16.954	16.954	(0.996)	11317	2.49002	92(a)
	73 Benzo(b)fluoranthene	252	18.372	18.372	(0.970)	21653	3.93640	150(aM)
	74 Benzo(k)fluoranthene	252	18.403	18.414	(0.972)	12698	2.18868	81(aM)
	75 Benzo(a)pyrene	252	18.859	18.859	(0.996)	14055	3.07498	110(a)
*	76 Perylene-d12	264	18.942	18.942	(1.000)	143682	40.0000	

MZ 08/31/05 AW

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

08/31/05 AW

Data File: S4A9438.D
Report Date: 31-Aug-2005 13:43

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9438.D
Lab Smp Id: D0926-09A Client Smp ID: SD06-S-O
Inj Date : 24-AUG-2005 21:40
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-09A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	55.000	% Moisture

ISTD	RT	AREA	AMOUNT
* 41 Acenaphthene-d10	11.438	644728	40.000
* 58 Phenanthrene-d10	13.611	692616	40.000
* 69 Chrysene-d12	17.027	781929	40.000
* 76 Perylene-d12	18.942	501443	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9438.D
Report Date: 31-Aug-2005 13:43

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Cyclic Alkane				CAS #:			
11.158	761056	47.2171831	1700	0		0	41
Cyclic Alkane				CAS #:			
12.762	133177	7.69124594	280	0		0	58
Unknown				CAS #:			
13.880	96241	5.55811590	210	0		0	58
Straight-Chain Alkane				CAS #:			
13.984	150436	8.68798873	320	0		0	58
Unknown				CAS #:			
15.102	91656	5.29332271	200	0		0	58
Straight-Chain Alkane				CAS #:			
15.940	118960	6.08546300	220	0		0	69
Unknown				CAS #:			
16.261	81329	4.16042889	150	0		0	69
Unknown				CAS #:			
16.633	107082	5.47783750	200	0		0	69
Straight-Chain Alkane				CAS #:			
16.778	733974	37.5468361	1400	0		0	69
Straight-Chain Alkane				CAS #:			
17.182	78572	4.01939307	150	0		0	69
Oxirane, heptadecyl-				CAS #:	67860-04-2		
17.337	124255	6.35633159	230	93	NIST98.L	107629	69
Branched Alkane				CAS #:			
17.565	3080277	157.573232	5800	0		0	69
Chrysin				CAS #:	480-40-0		
17.782	89253	4.56578538	170	94	NIST98.L	90684	69
Branched Alkane				CAS #:			
17.958	151447	7.74735302	290	0		0	69
Octadecanal				CAS #:	638-66-4		
18.155	264660	21.1118711	780	91	NIST98.L	99445	76

Data File: S4A9438.D
Report Date: 31-Aug-2005 13:43

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Straight-Chain Alkane				CAS #:			
18.403	1351732	107.827370	4000	0		0	76
Unknown				CAS #:			
18.465	137839	10.9953873	410	0		0	76
Oxirane, tridecyl-				CAS #:	18633-25-5		
19.159	92381	7.36921245	270	96	NIST98.L	73914	76
Straight-Chain Alkane				CAS #:			
19.449	122330	9.75823773	360	0		0	76
Unknown				CAS #:			
19.552	113993	9.09319703	340	0		0	76
Unknown				CAS #:			
19.832	51496	4.10782482	150	0		0	76
26-Nor-5-cholesten-3.beta.-ol-25-one				CAS #:	7494-34-0		
20.080	176911	14.1121523	520	93	NIST98.L	153148	76
Unknown				CAS #:			
20.473	70143	5.59529199	210	0		0	76
.beta.-Sitosterol				CAS #:	83-46-5		
21.612	686742	54.7812613	2000	97	NIST98.L	159282	76
Unknown				CAS #:			
21.881	97206	7.75410166	290	0		0	76
Unknown				CAS #:			
22.078	120780	9.63459456	360	0		0	76
Unknown				CAS #:			
22.895	201938	16.1085507	590	0		0	76
Unknown				CAS #:			
24.365	2152386	171.695367	6300	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9438.D

Date : 24-AUG-2005 21:40

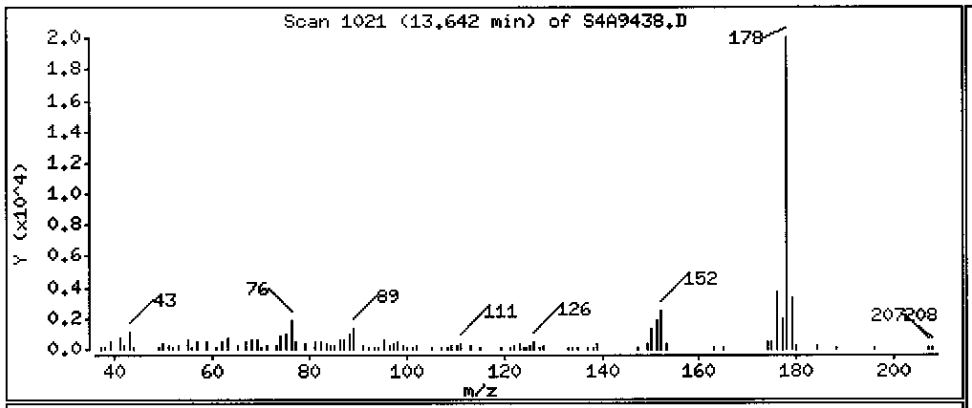
Client ID: SD06-S-0 Instrument: S4.i

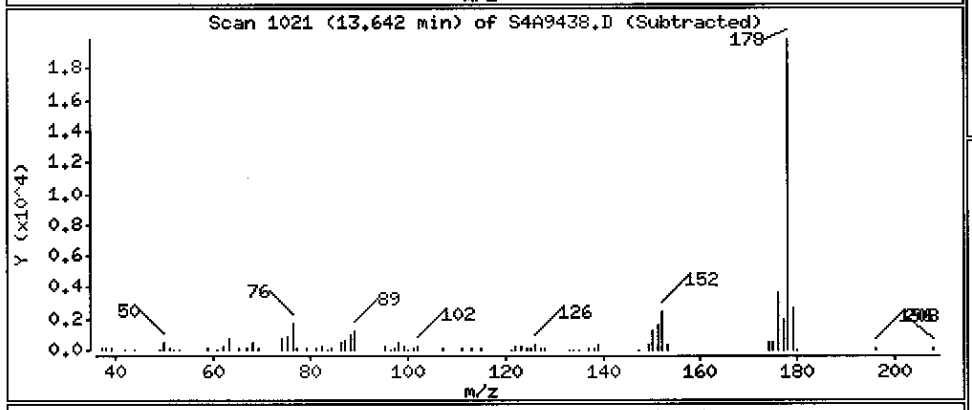
Sample Info: D0926-09A,,19468,,

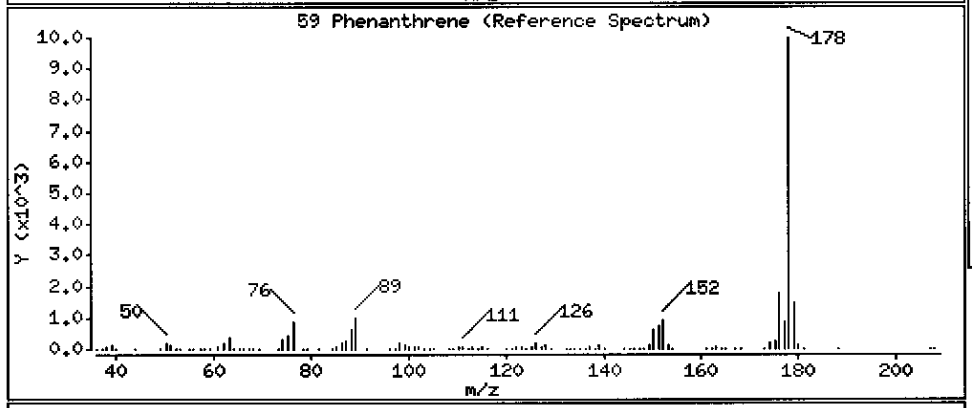
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

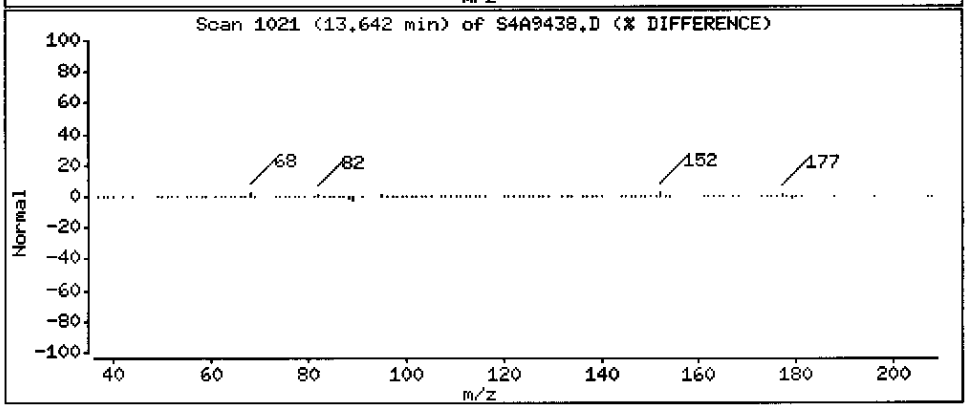
Column phase: DB-5MS Column diameter: 0.25

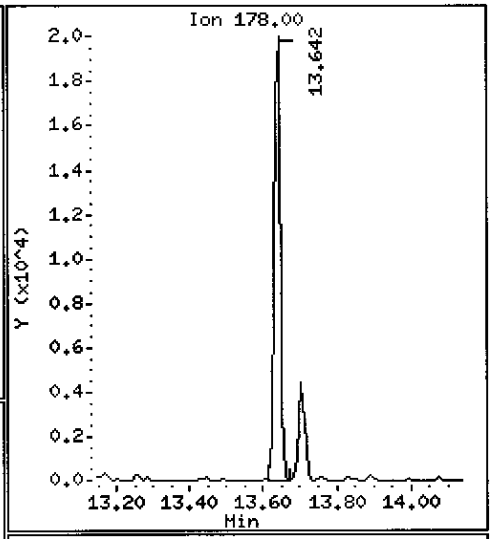
59 Phenanthrene Concentration: 150 ug/Kg

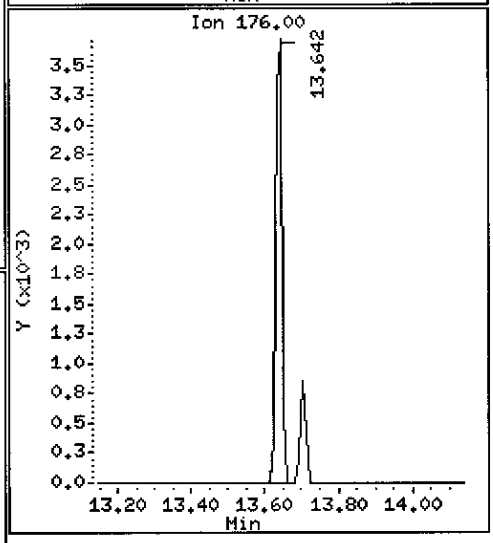












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9438.D

Date : 24-AUG-2005 21:40

Client ID: SD06-S-0

Instrument: S4.i

Sample Info: D0926-09A,,19468,,

Volume Injected (uL): 2.0

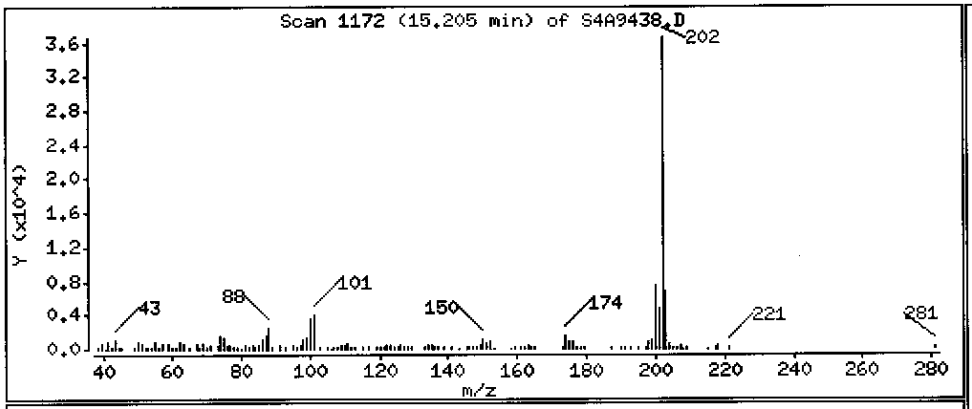
Operator: AW SRC: LIMS

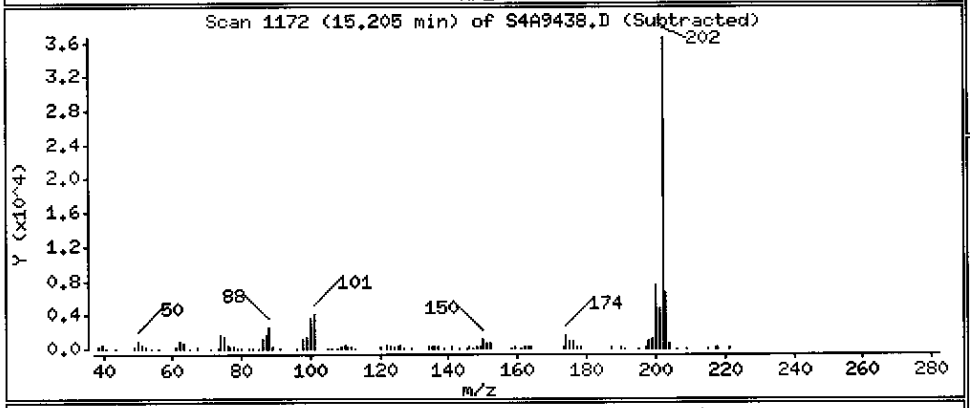
Column phase: DB-5MS

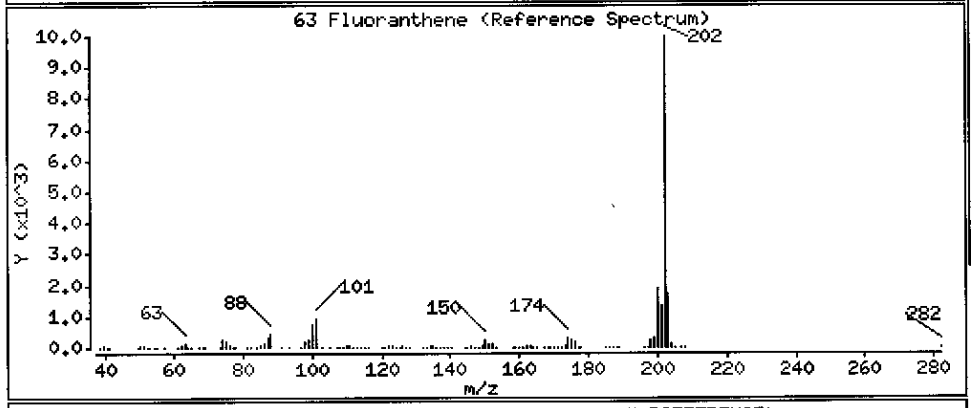
Column diameter: 0.25

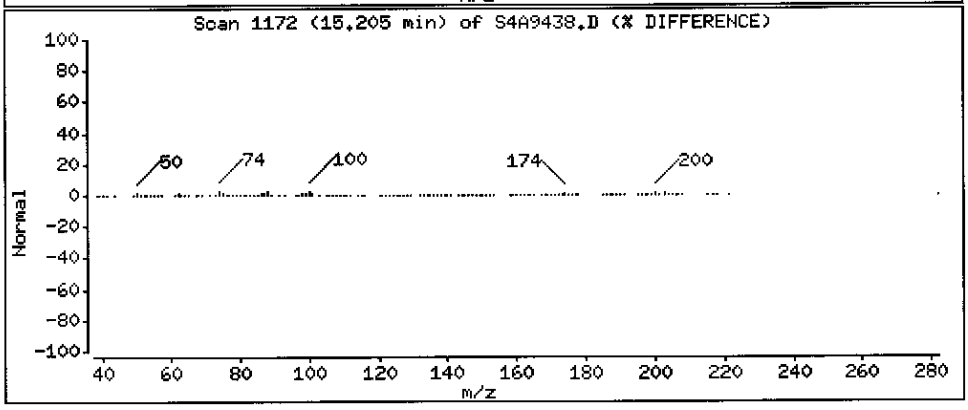
63 Fluoranthene

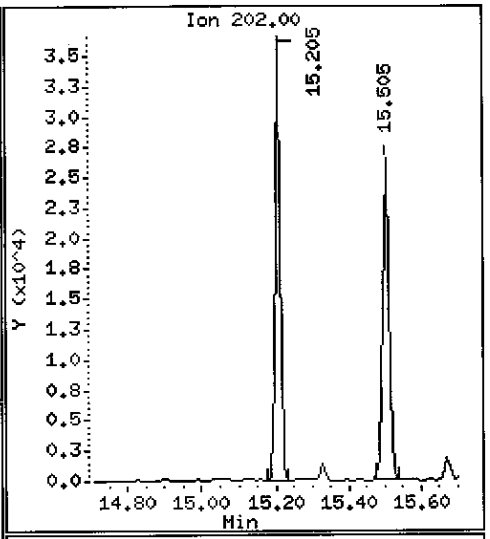
Concentration: 230 ug/Kg

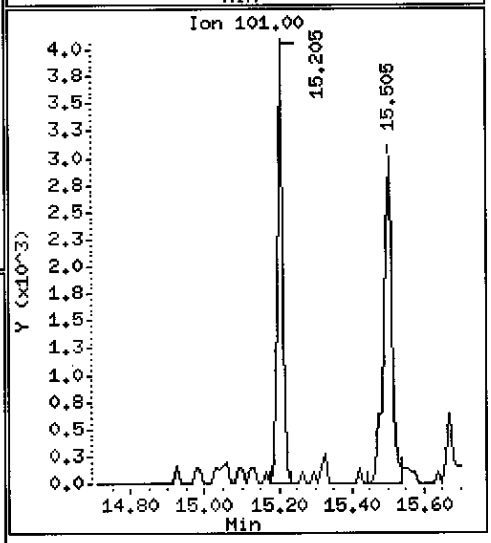












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9438.D

Date : 24-AUG-2005 21:40

Client ID: SD06-S-0

Instrument: S4.i

Sample Info: D0926-09A,,19468,,

Volume Injected (uL): 2.0

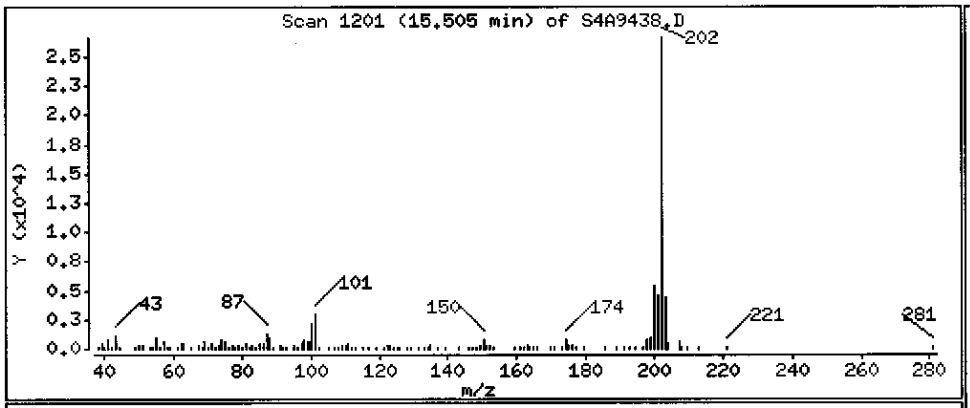
Operator: AW SRC: LIMS

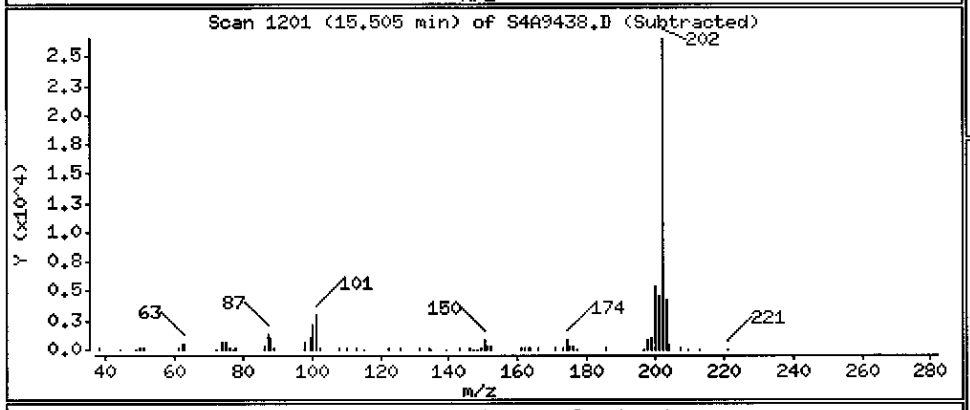
Column phase: DB-5MS

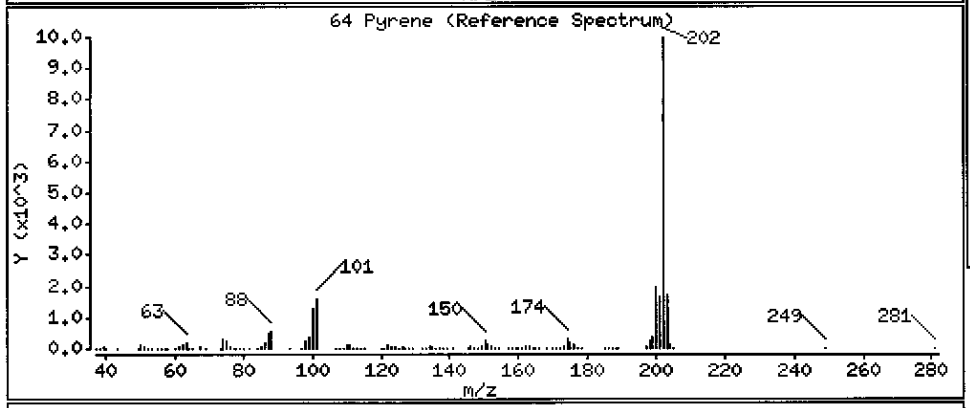
Column diameter: 0.25

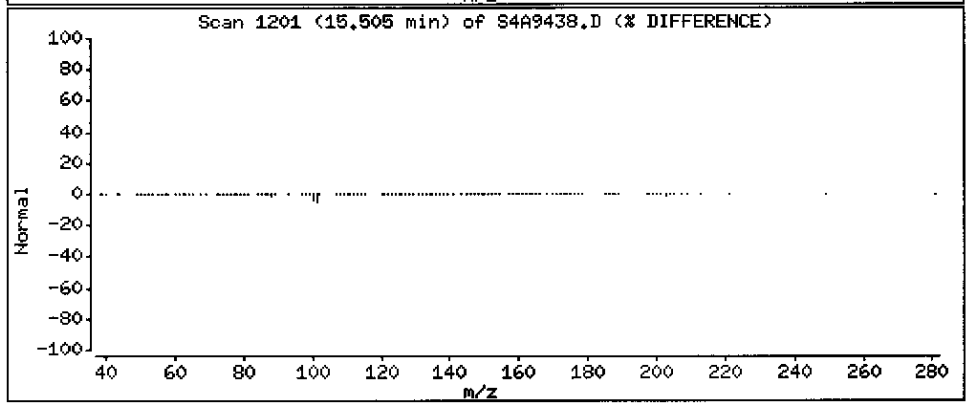
64 Pyrene

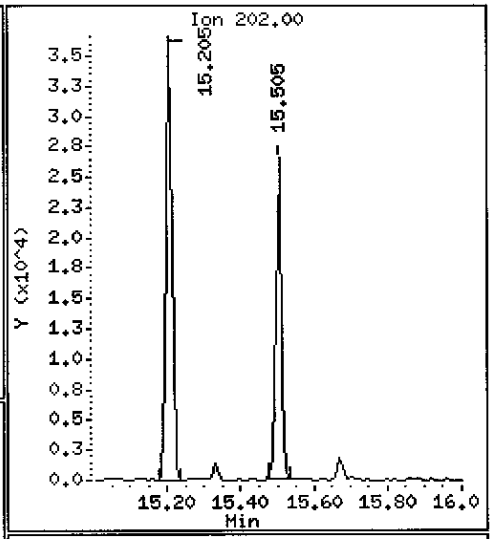
Concentration: 190 ug/Kg

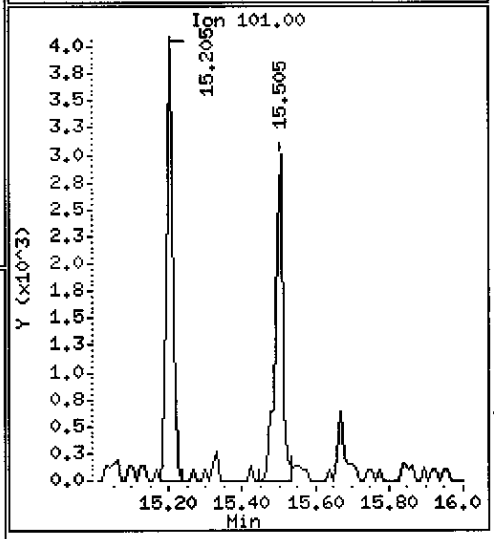












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9438.D

Date : 24-AUG-2005 21:40

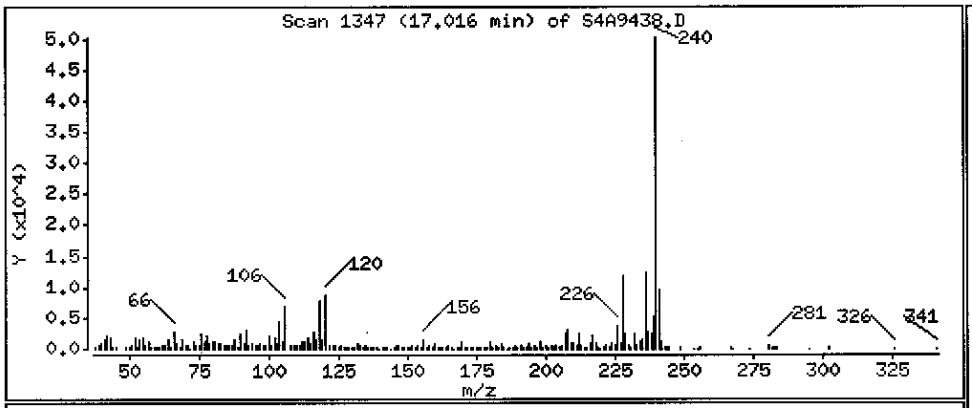
Client ID: SD06-S-0 Instrument: S4.i

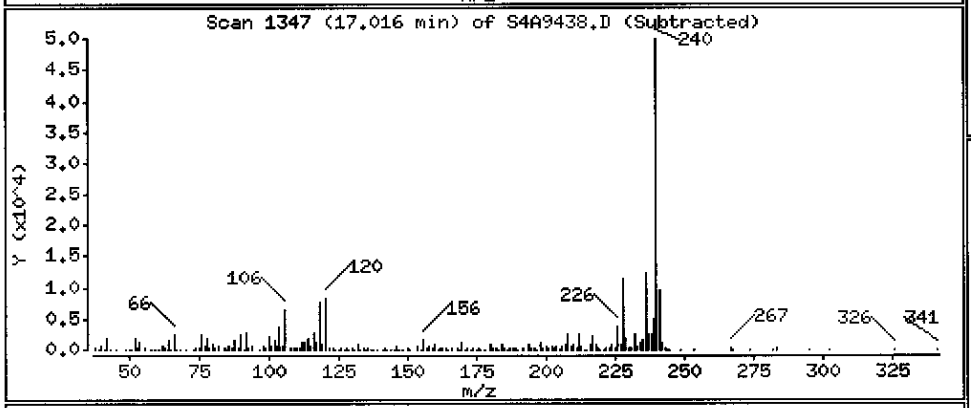
Sample Info: D0926-09A,,19468,,

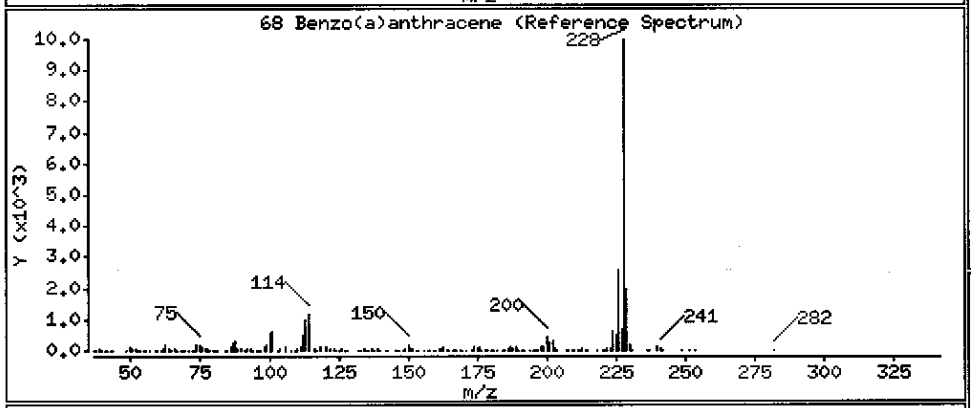
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

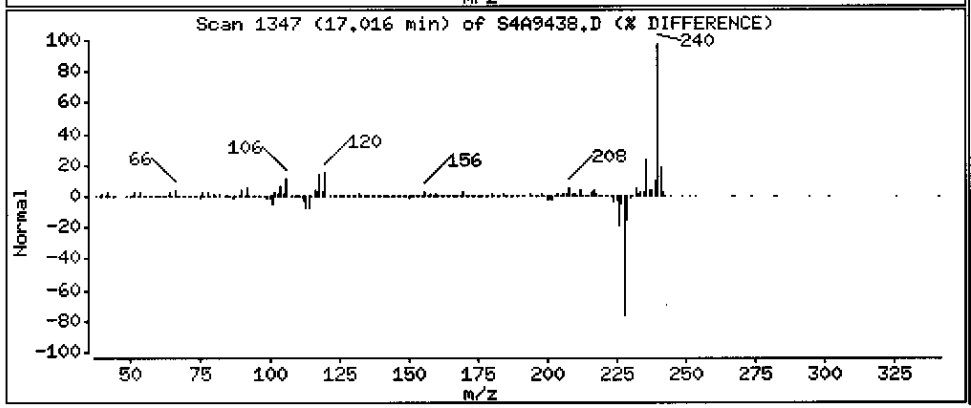
Column phase: DB-5MS Column diameter: 0.25

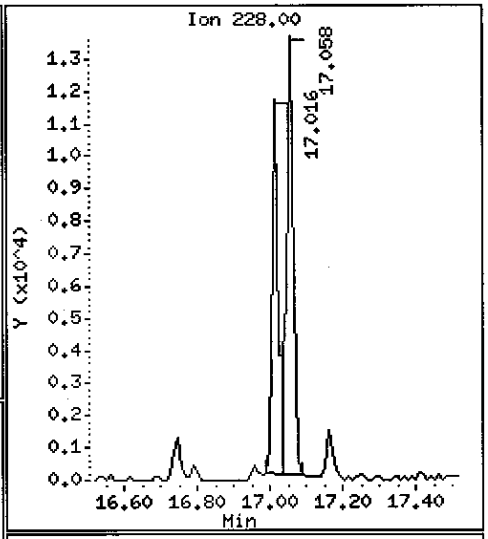
68 Benzo(a)anthracene Concentration: 110 ug/Kg

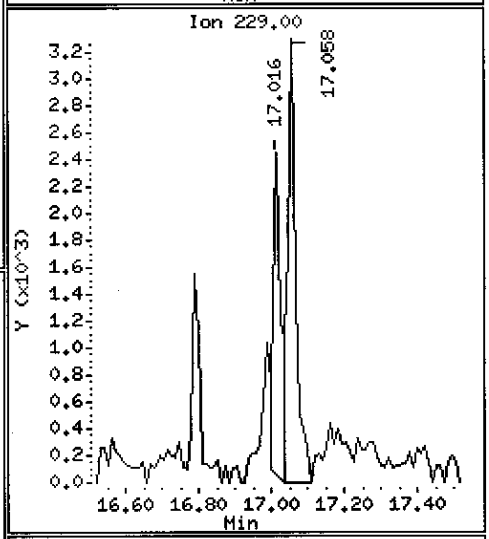


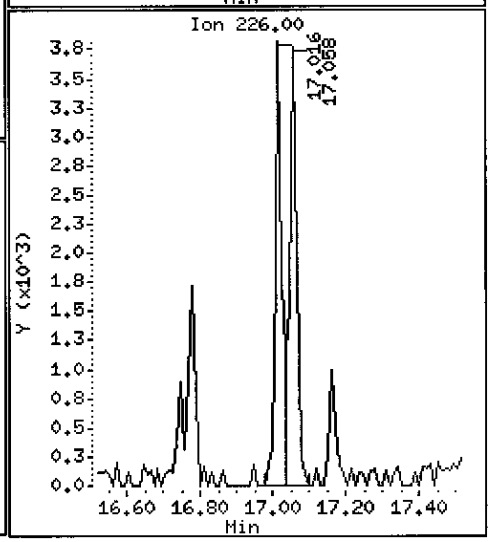












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9438.D

Date : 24-AUG-2005 21:40

Client ID: SD06-S-0

Instrument: S4.i

Sample Info: D0926-09A,,19468,,

Volume Injected (uL): 2.0

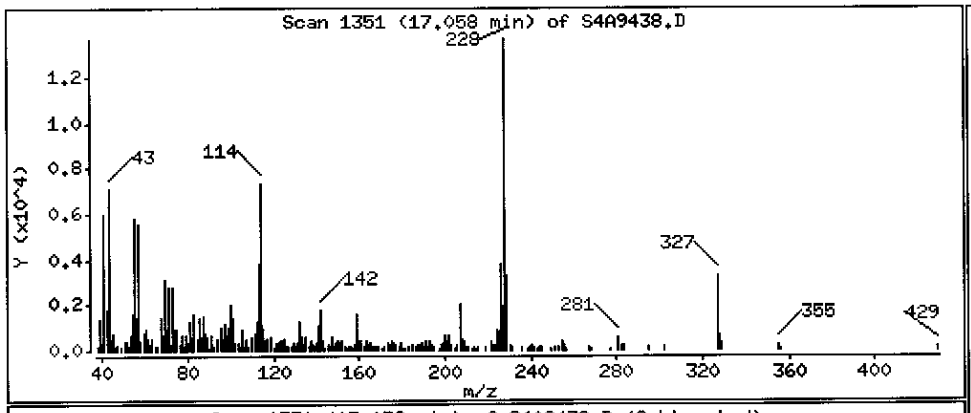
Operator: AW SRC: LIMS

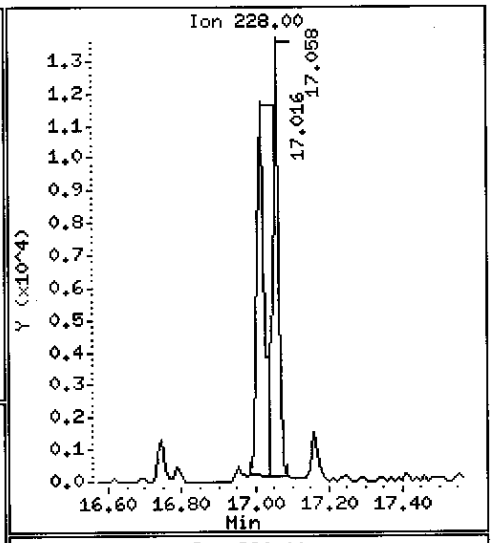
Column phase: DB-5MS

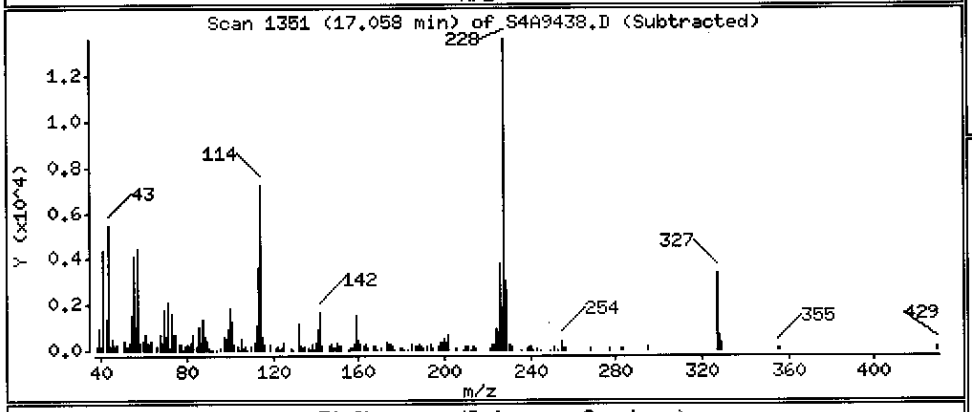
Column diameter: 0.25

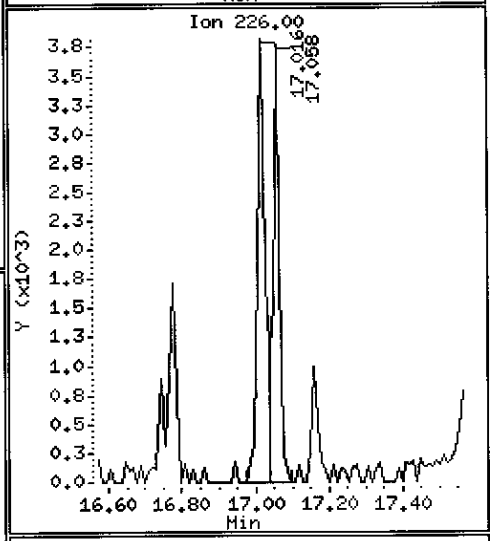
70 Chrysene

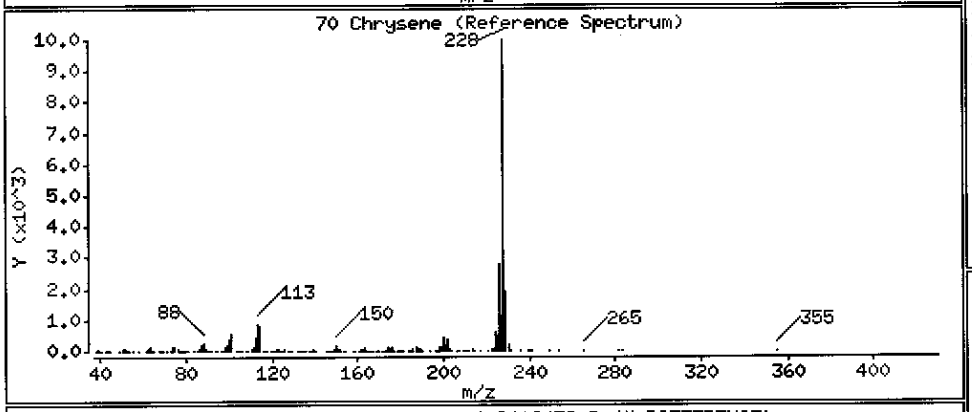
Concentration: 130 ug/Kg

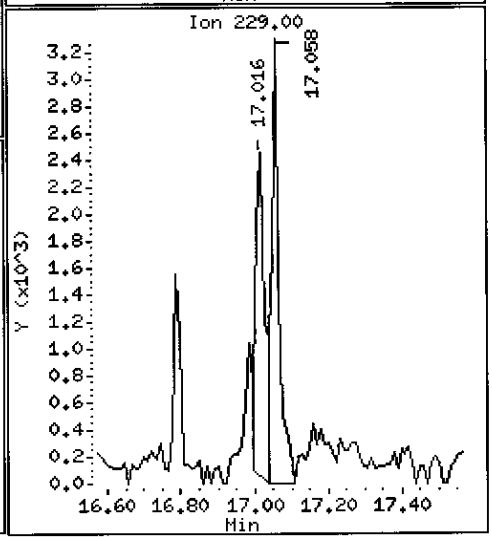


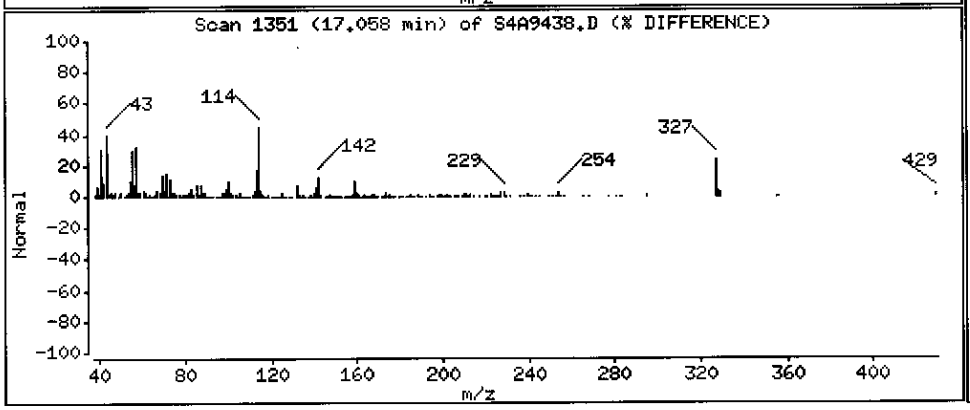












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9438.D

Date : 24-AUG-2005 21:40

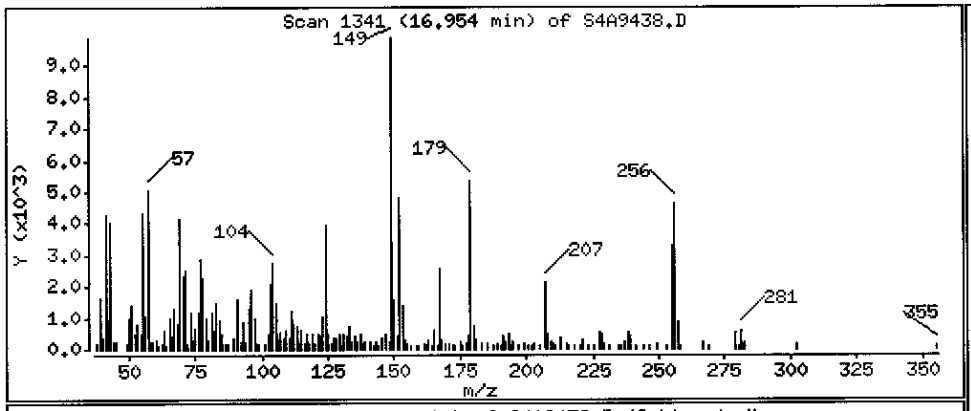
Client ID: SD06-S-0 Instrument: S4.i

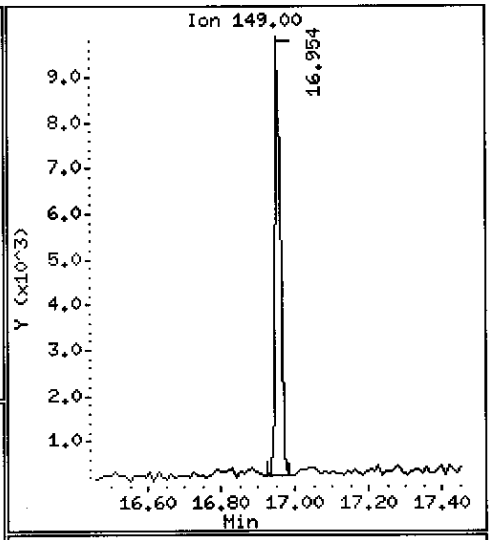
Sample Info: D0926-09A,,19468,,

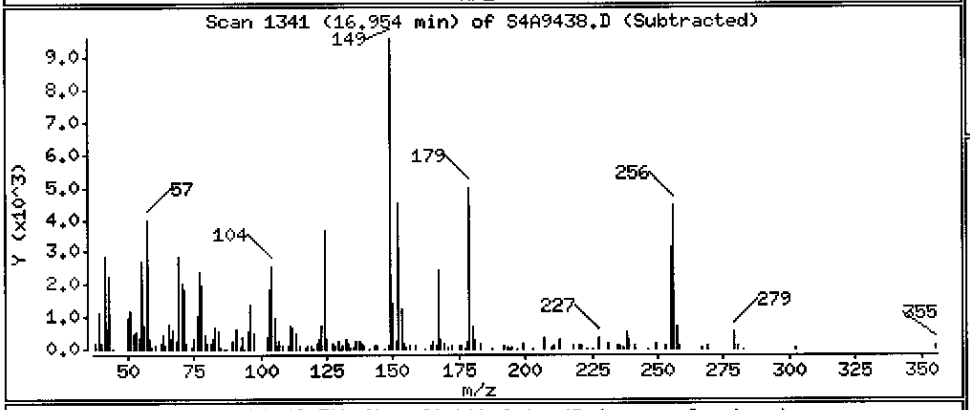
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

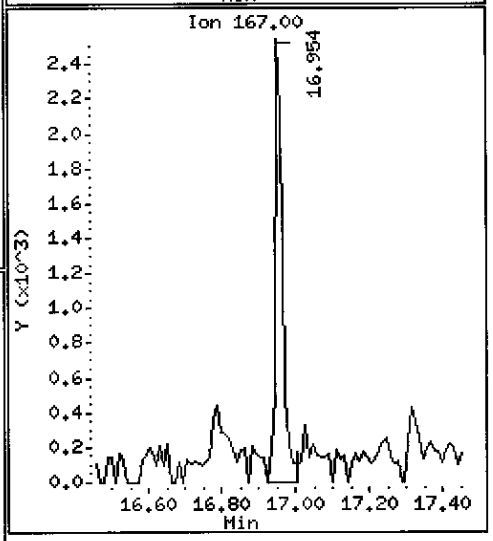
Column phase: DB-5MS Column diameter: 0.25

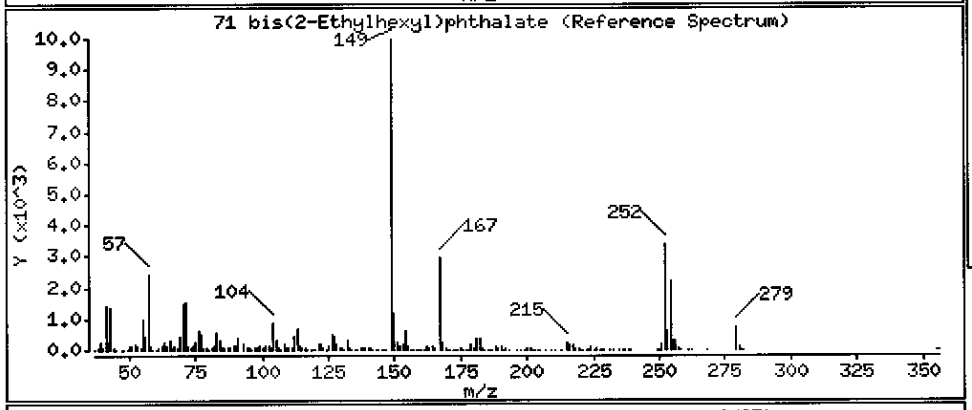
71 bis(2-Ethylhexyl)phthalate Concentration: 92 ug/Kg

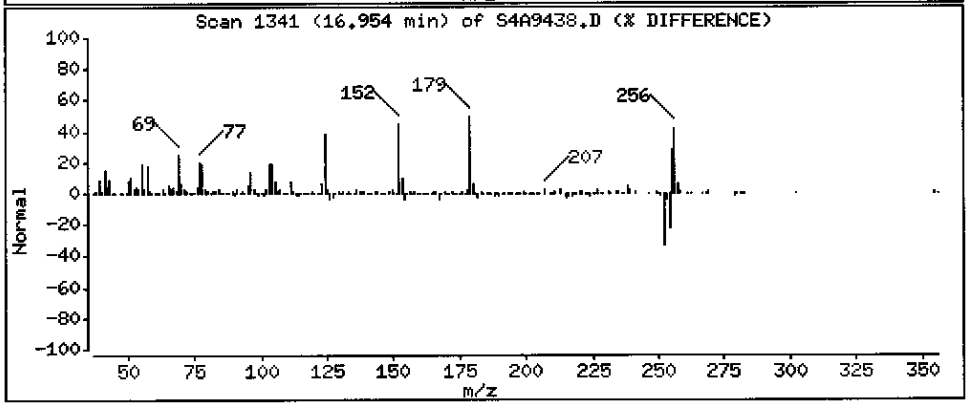












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9438.D

Date : 24-AUG-2005 21:40

Client ID: SD06-S-O

Instrument: S4.i

Sample Info: D0926-09A,,19468,,

Volume Injected (uL): 2.0

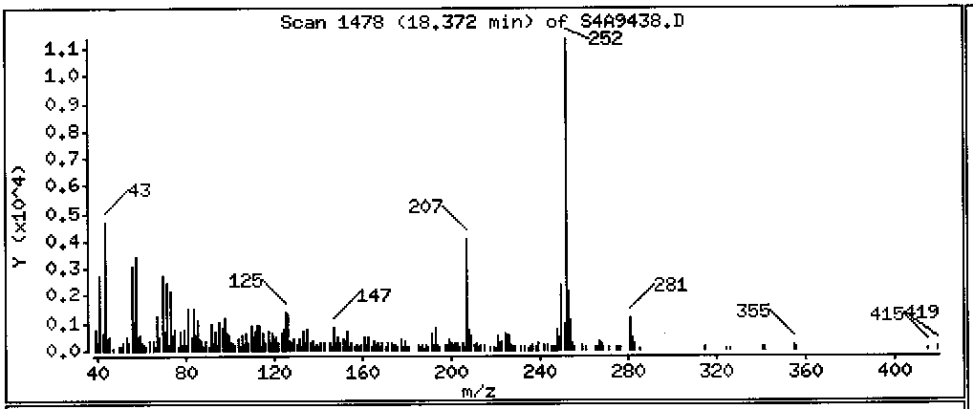
Operator: AW SRC: LIMS

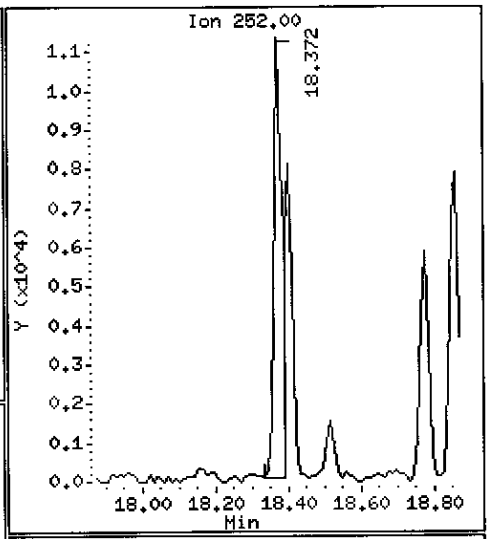
Column phase: DB-5MS

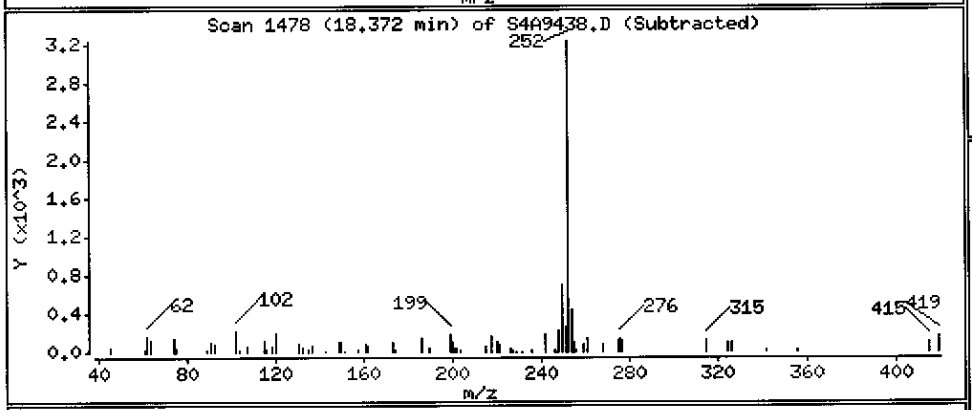
Column diameter: 0.25

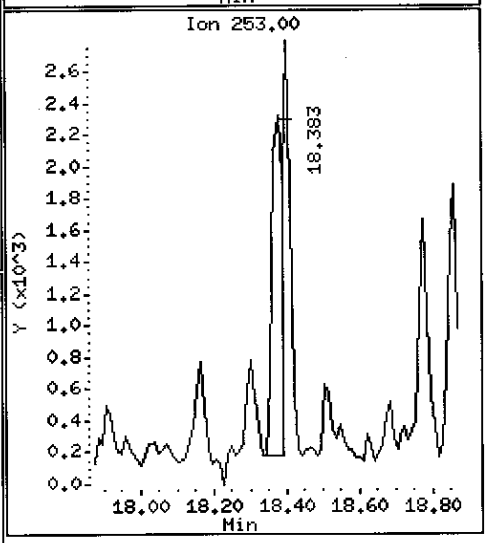
73 Benzo(b)fluoranthene

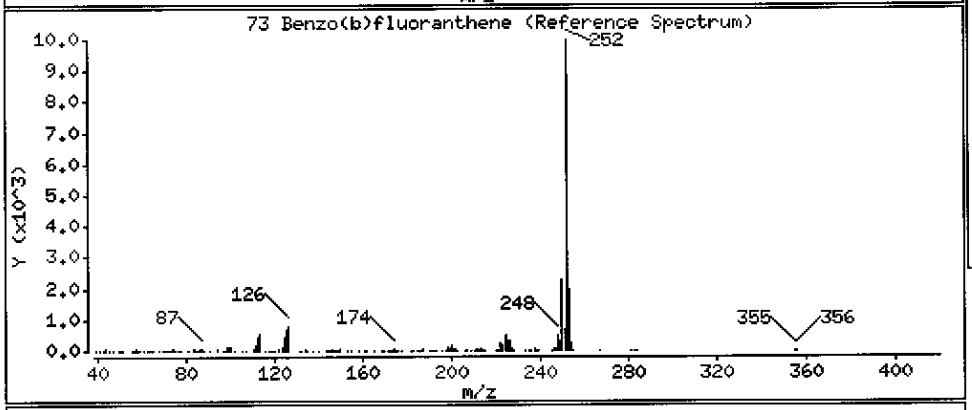
Concentration: 150 ug/Kg

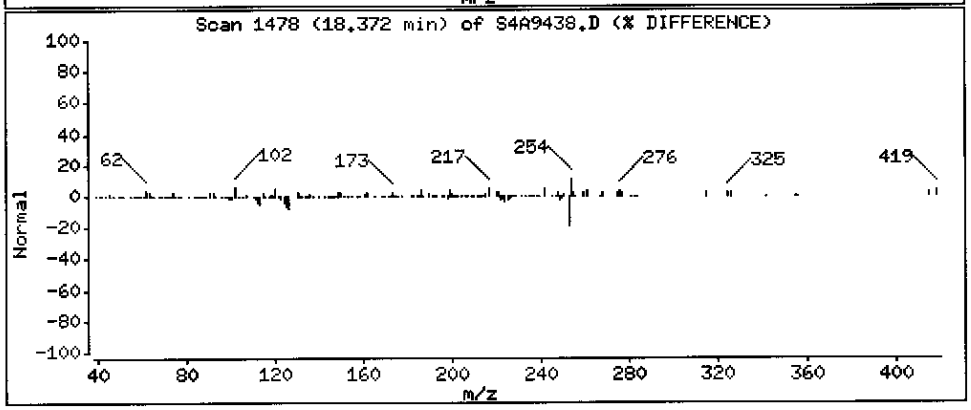












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9438.D

Date : 24-AUG-2005 21:40

Client ID: SD06-S-0

Instrument: S4.i

Sample Info: D0926-09A,,19468,,

Volume Injected (uL): 2.0

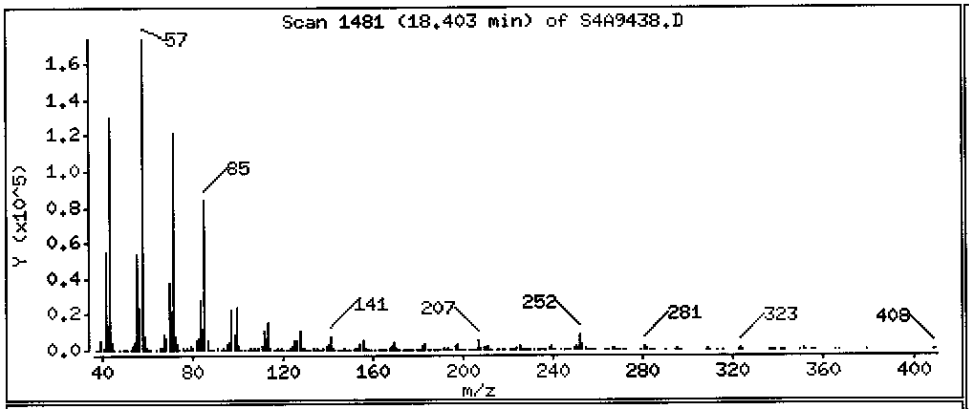
Operator: AW SRC: LIMS

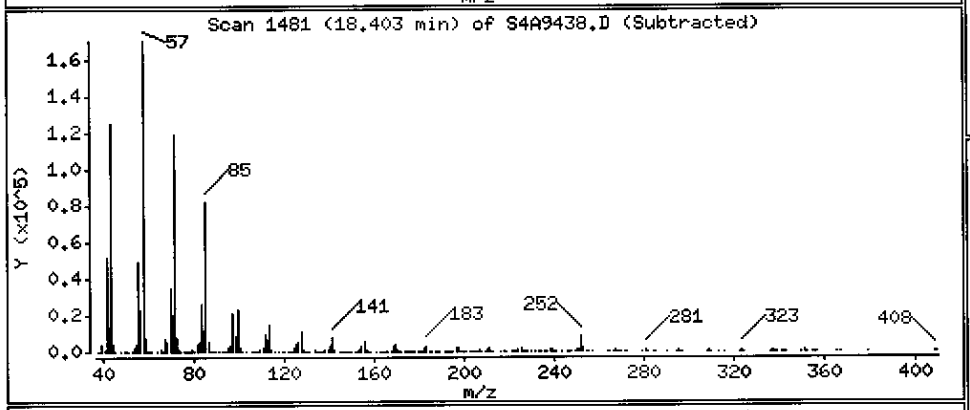
Column phase: DB-5MS

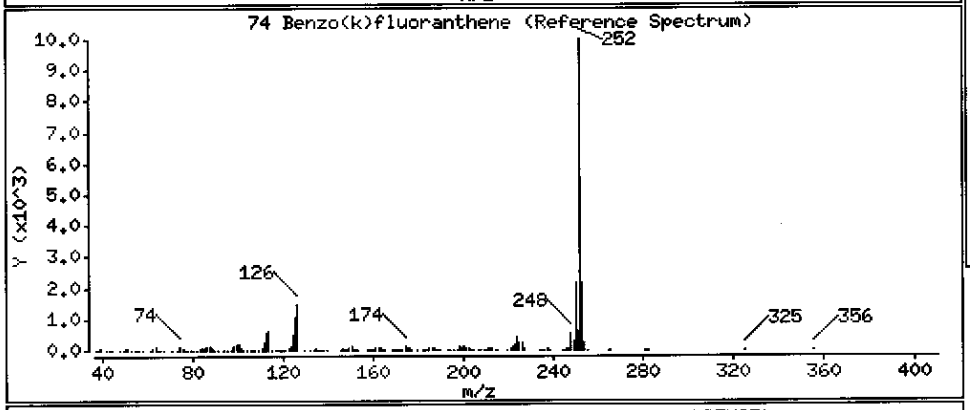
Column diameter: 0.25

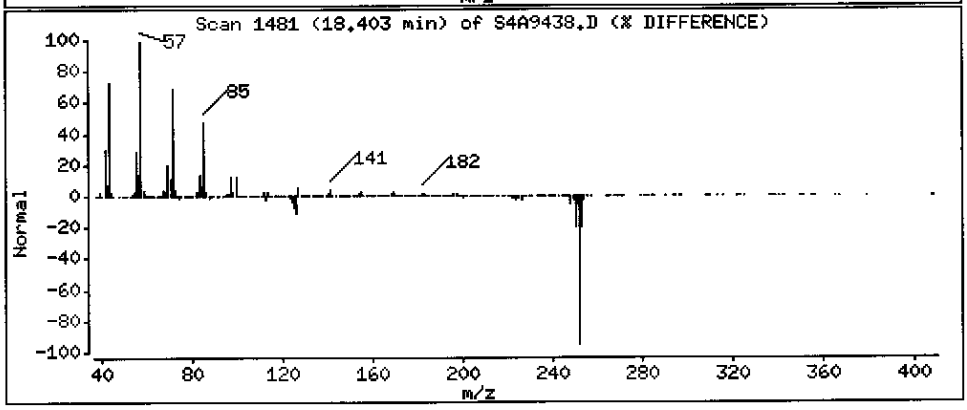
74 Benzo(k)fluoranthene

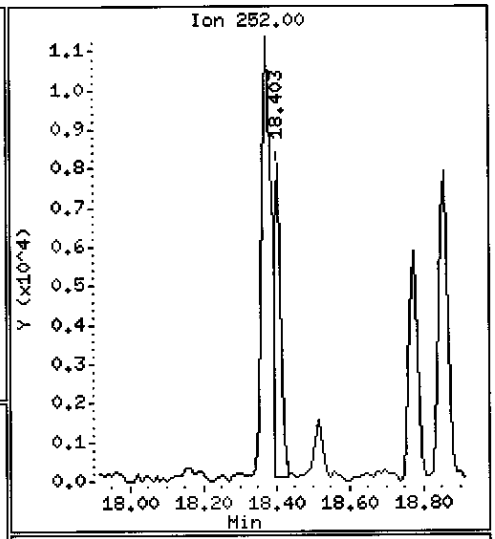
Concentration: 81 ug/Kg

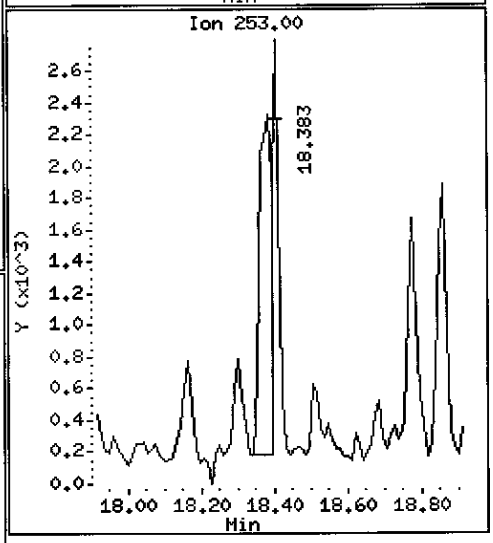












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9438.D

Date : 24-AUG-2005 21:40

Client ID: SD06-S-O

Instrument: S4.i

Sample Info: D0926-09A,,19468,,

Volume Injected (uL): 2.0

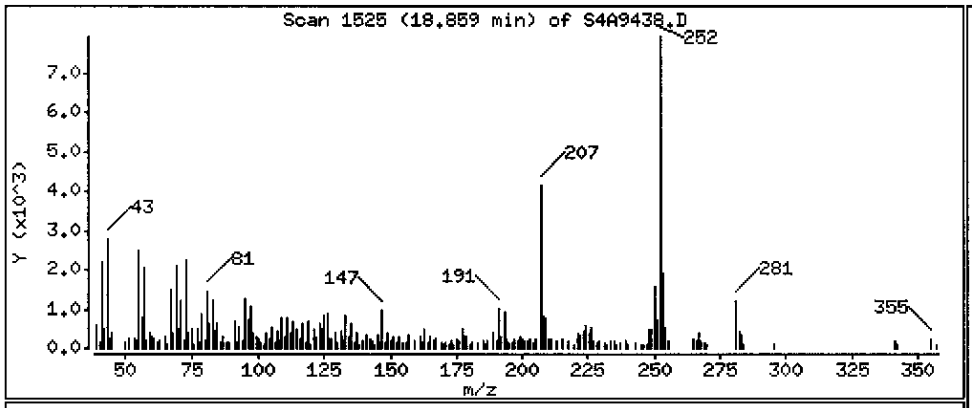
Operator: AW SRC: LIMS

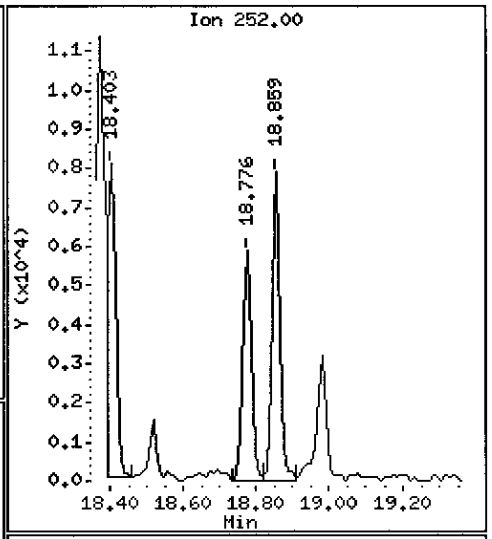
Column phase: DB-5MS

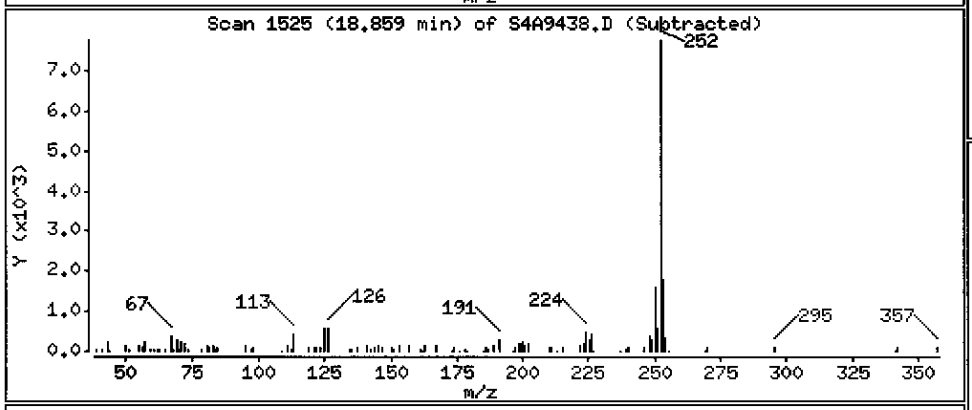
Column diameter: 0.25

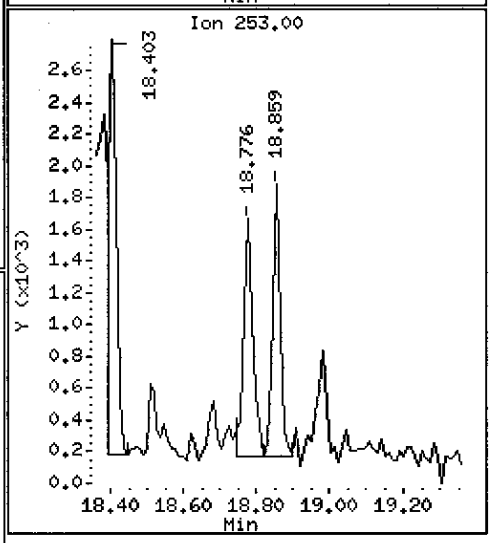
75 Benzo(a)pyrene

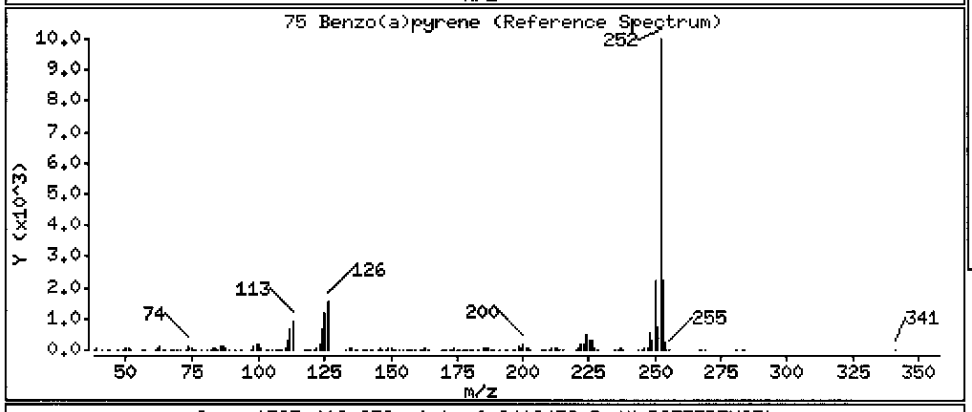
Concentration: 110 ug/Kg

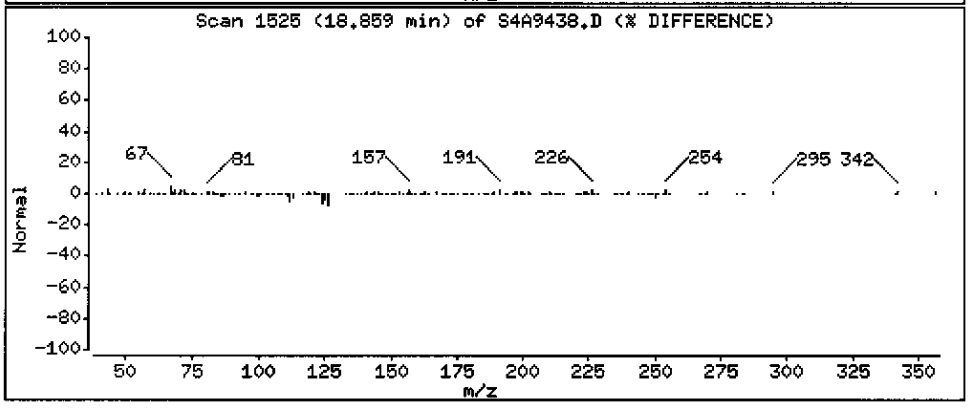












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9438.D

Date : 24-AUG-2005 21:40

Client ID: SD06-S-O

Instrument: S4.i

Sample Info: D0926-09A,,19468,,

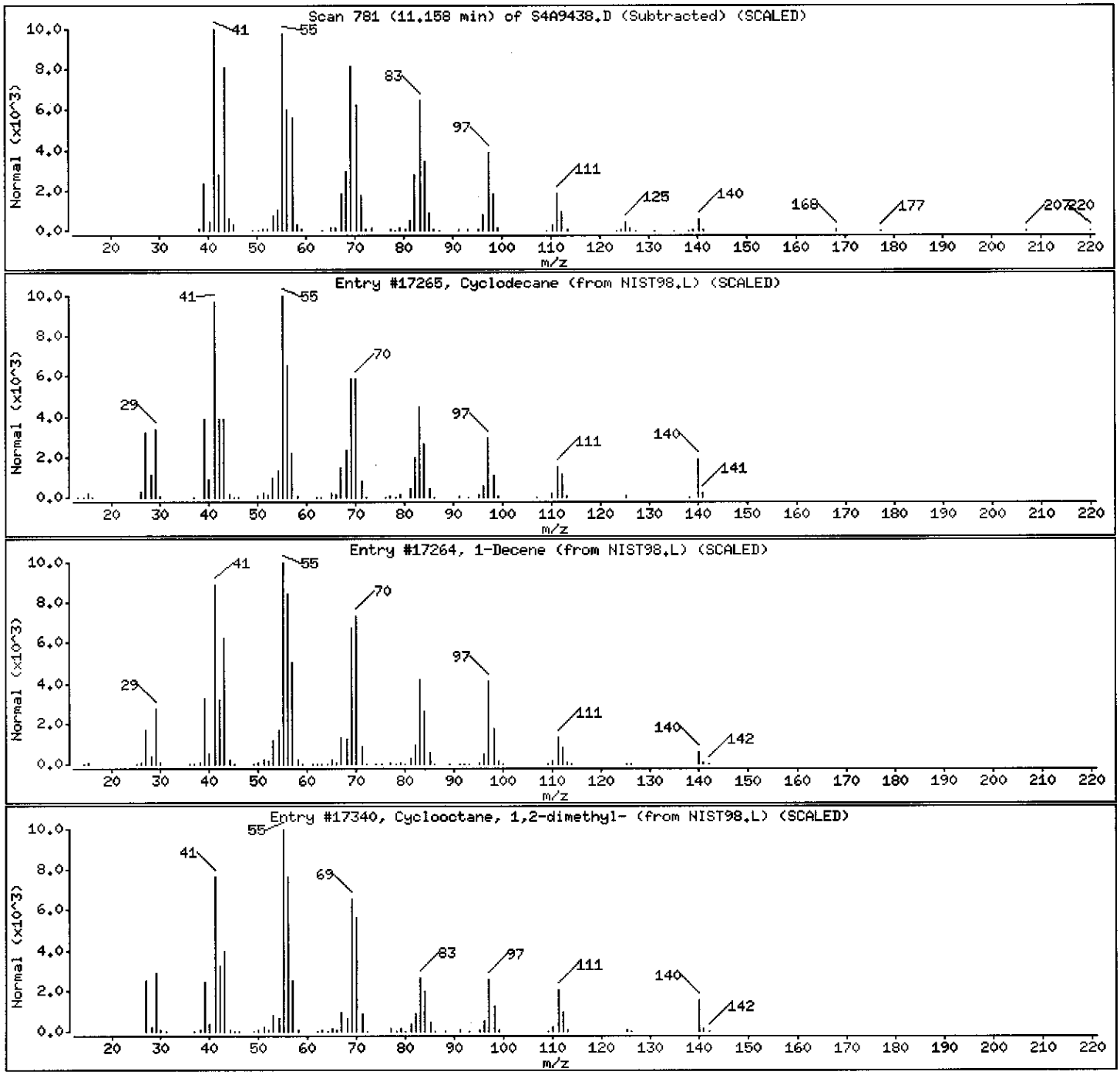
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclodecane	293-96-9	NIST98.L	17265	94	C10H20	140
1-Decene	872-05-9	NIST98.L	17264	94	C10H20	140
Cyclooctane, 1,2-dimethyl-	13151-94-5	NIST98.L	17340	93	C10H20	140



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9438.D

Date : 24-AUG-2005 21:40

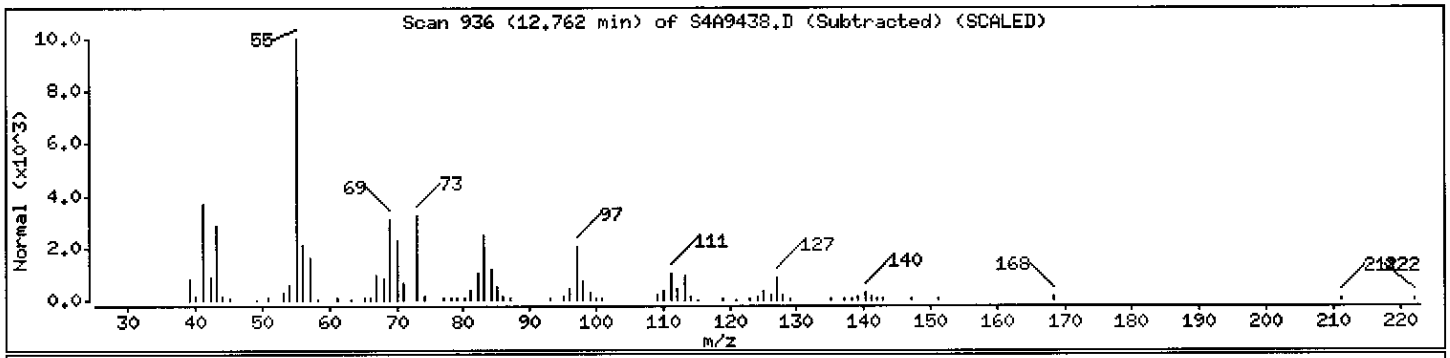
Client ID: SD06-S-0 Instrument: S4.i

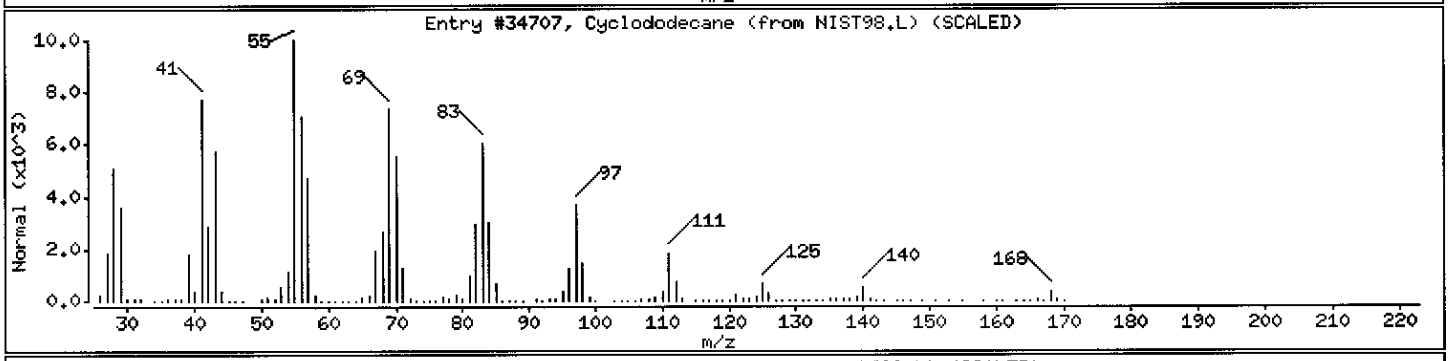
Sample Info: D0926-09A,,19468,,

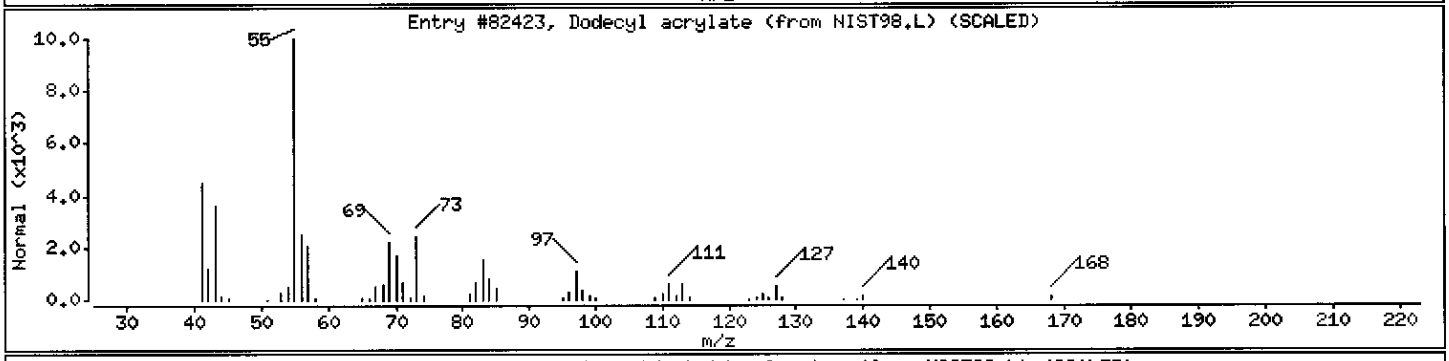
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

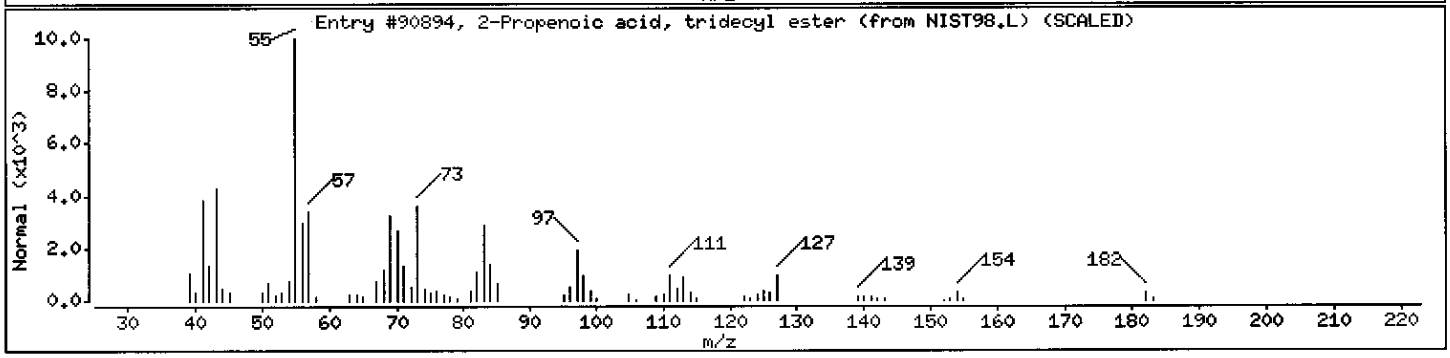
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34707	91	C12H24	168
Dodecyl acrylate	2156-97-0	NIST98.L	82423	91	C15H2802	240
2-Propenoic acid, tridecyl ester	3076-04-8	NIST98.L	90894	83	C16H3002	254









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9438.D

Date : 24-AUG-2005 21:40

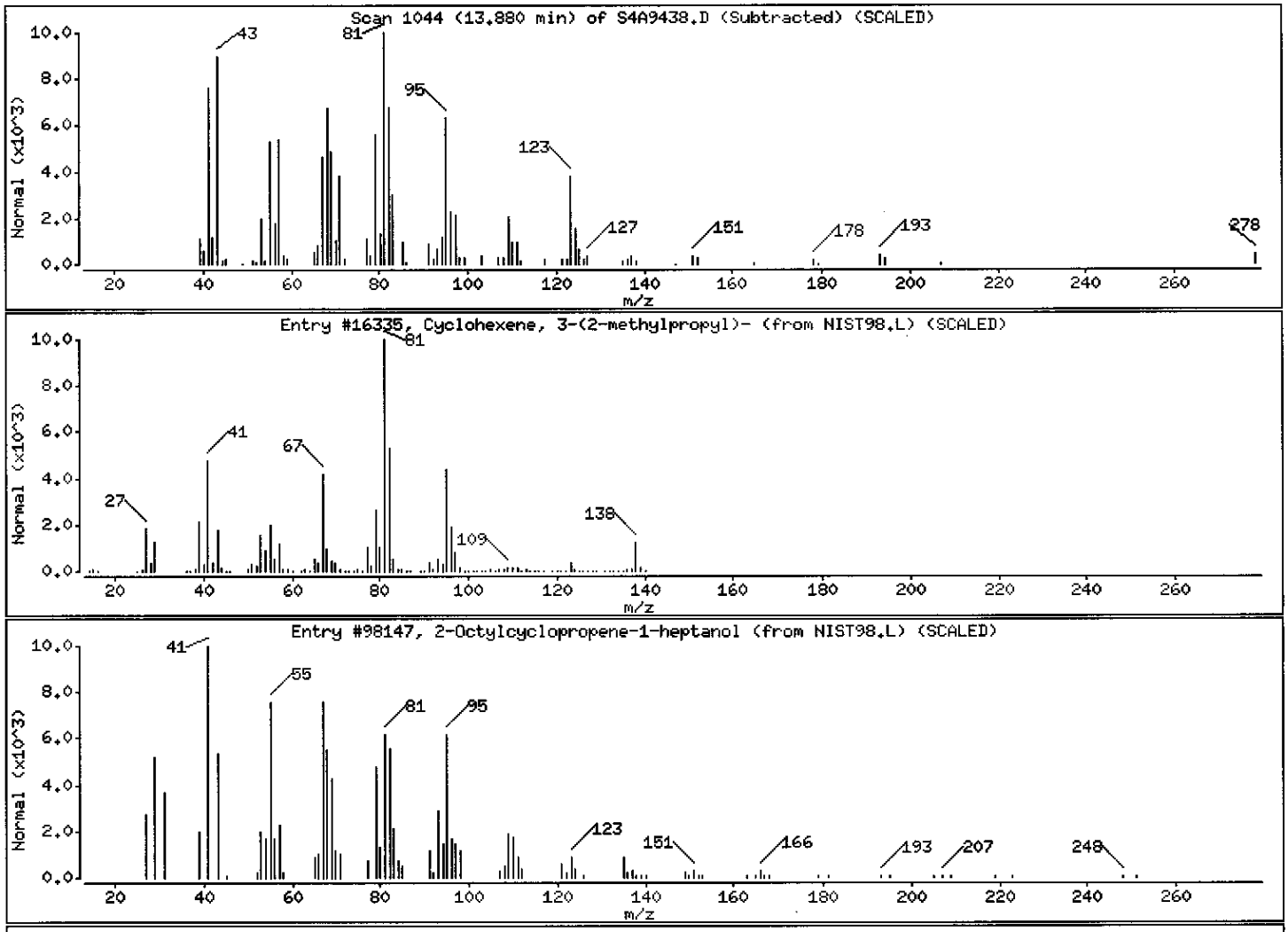
Client ID: SD06-S-0 Instrument: S4.i

Sample Info: D0926-09A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclohexene, 3-(2-methylpropyl)-	4104-56-7	NIST98.L	16335	46	C10H18	138
2-Octylcyclopropene-1-heptanol	54467-85-5	NIST98.L	98147	46	C18H340	266



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9438.D

Date : 24-AUG-2005 21:40

Client ID: SD06-S-O

Instrument: S4.i

Sample Info: D0926-09A,,19468,,

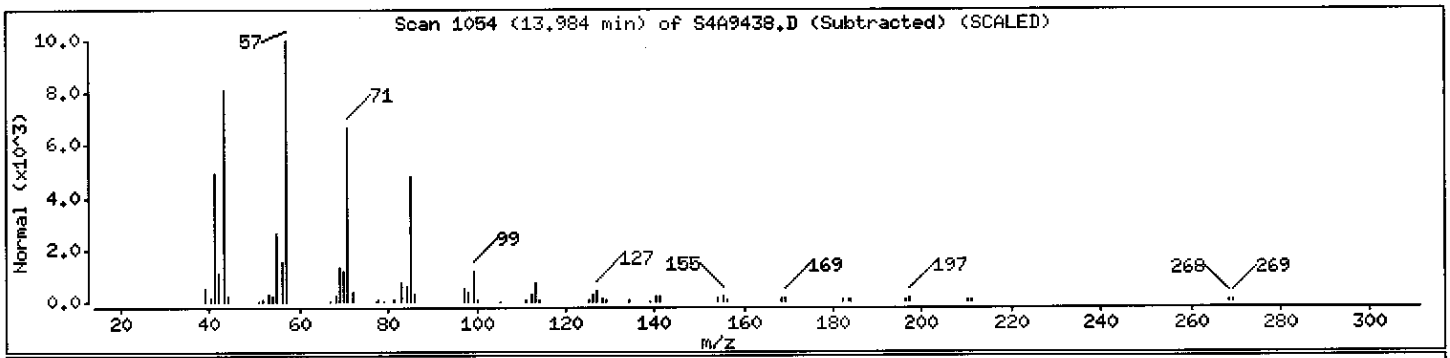
Volume Injected (uL): 2.0

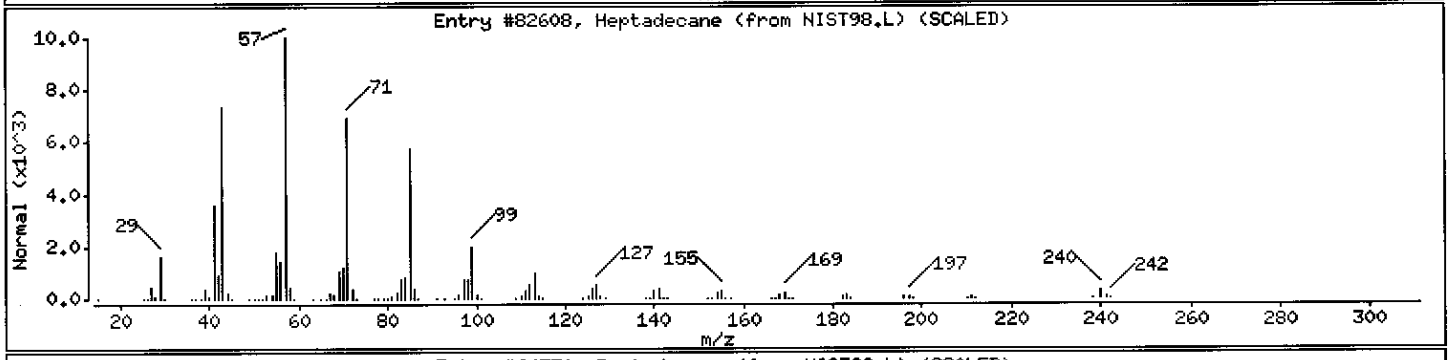
Operator: AW SRC: LIMS

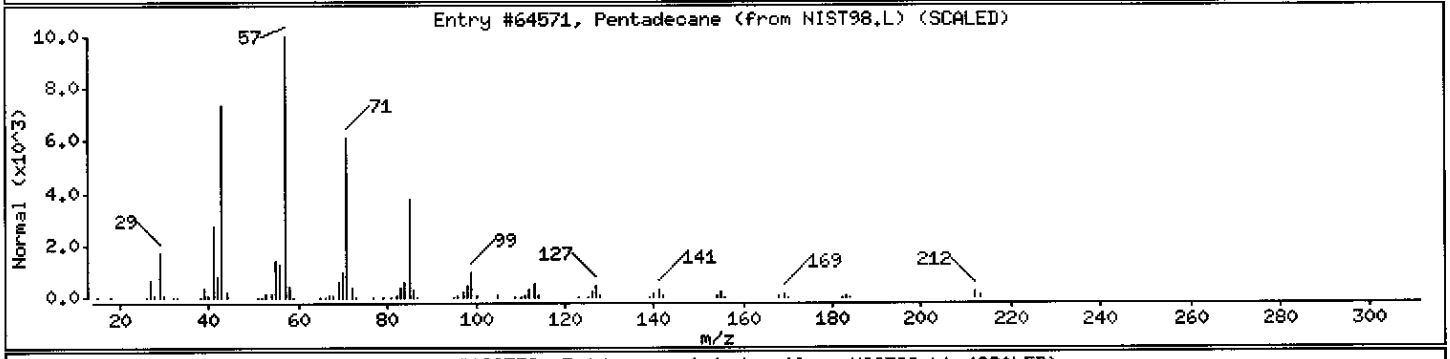
Column phase: DB-5MS

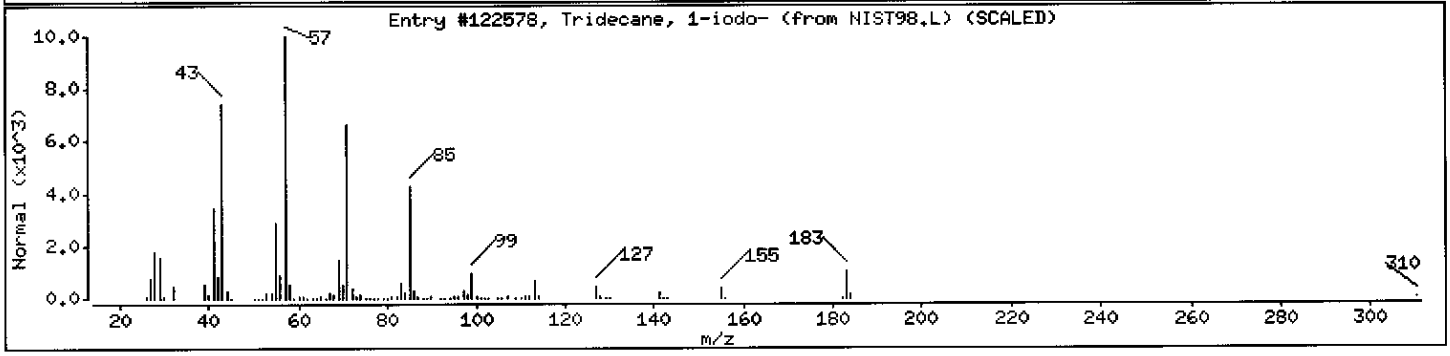
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Heptadecane	629-78-7	NIST98.L	82608	91	C17H36	240
Pentadecane	629-62-9	NIST98.L	64571	91	C15H32	212
Tridecane, 1-iodo-	35599-77-0	NIST98.L	122578	90	C13H27I	310









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9438.D

Date : 24-AUG-2005 21:40

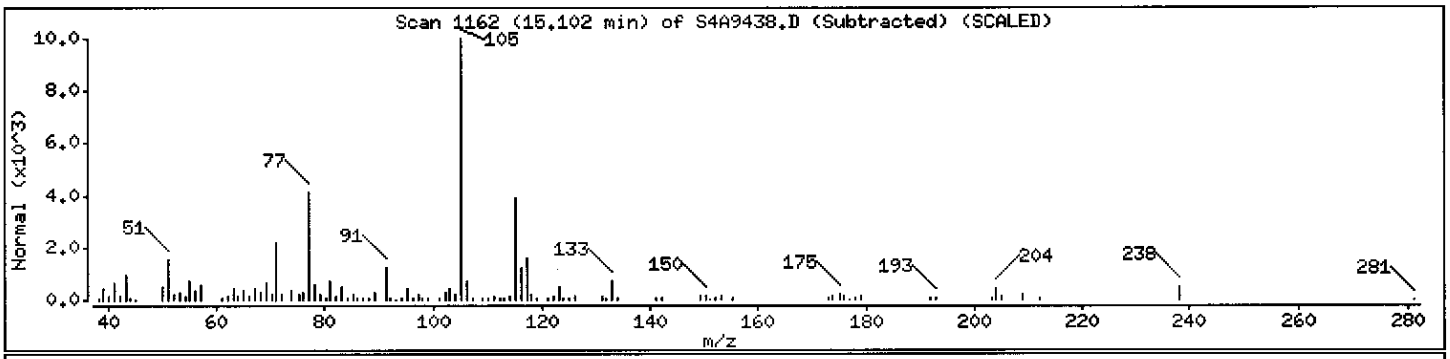
Client ID: SD06-S-0 Instrument: S4.i

Sample Info: D0926-09A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9438.D

Date : 24-AUG-2005 21:40

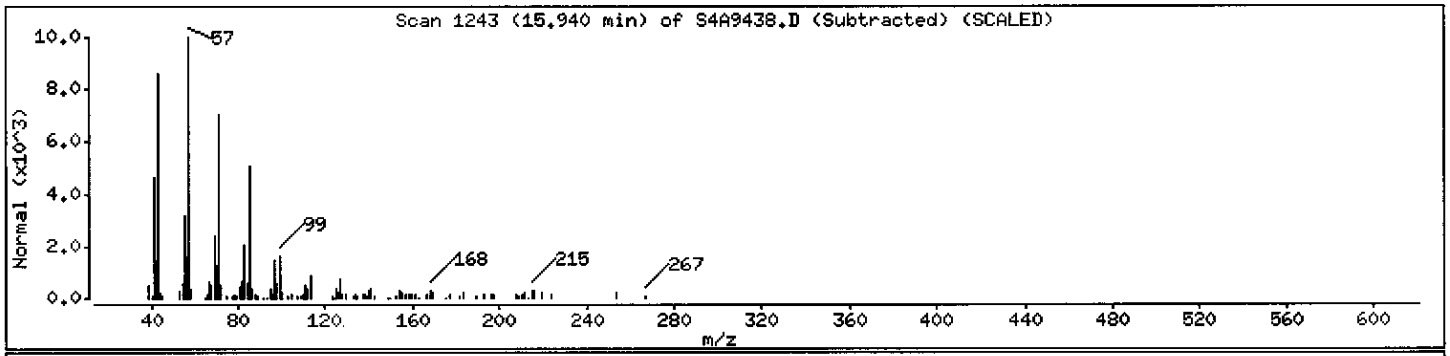
Client ID: SD06-S-0 Instrument: S4.i

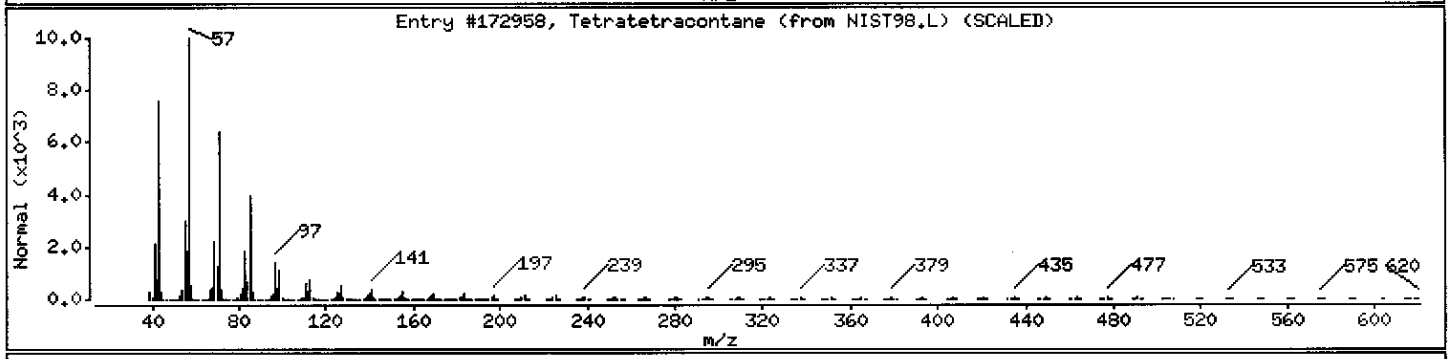
Sample Info: D0926-09A,,19468,,

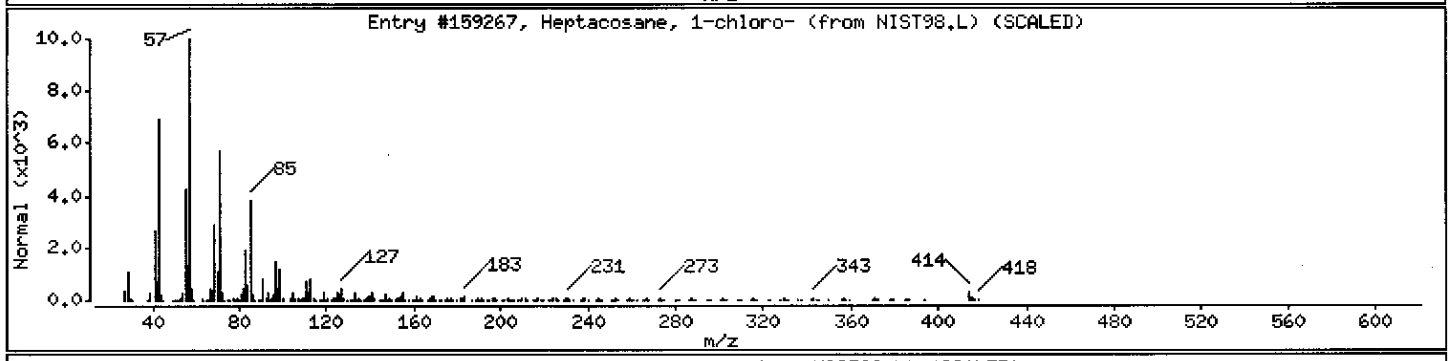
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

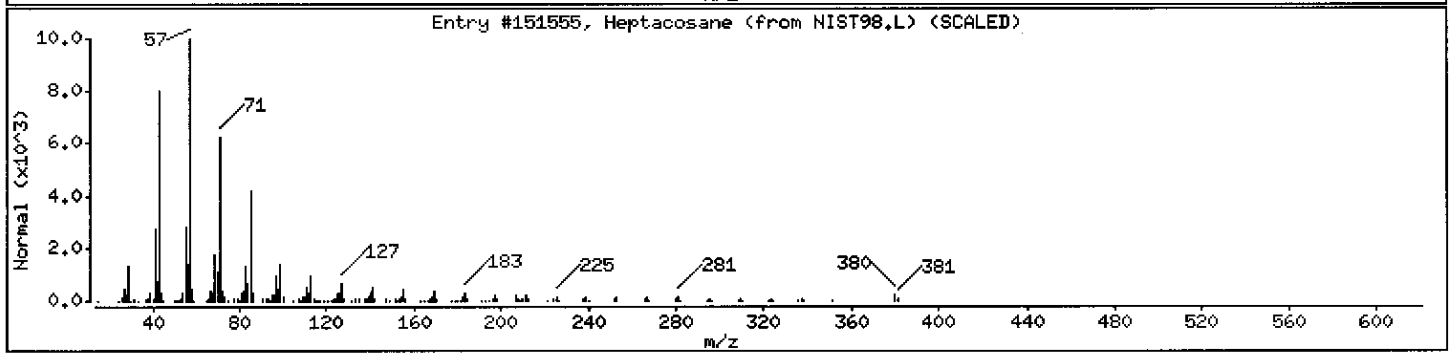
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Tetratetracontane	7098-22-8	NIST98.L	172958	87	C44H90	619
Heptacosane, 1-chloro-	62016-79-9	NIST98.L	159267	87	C27H55Cl	414
Heptacosane	593-49-7	NIST98.L	151555	83	C27H56	380









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Date : 24-AUG-2005 21:40

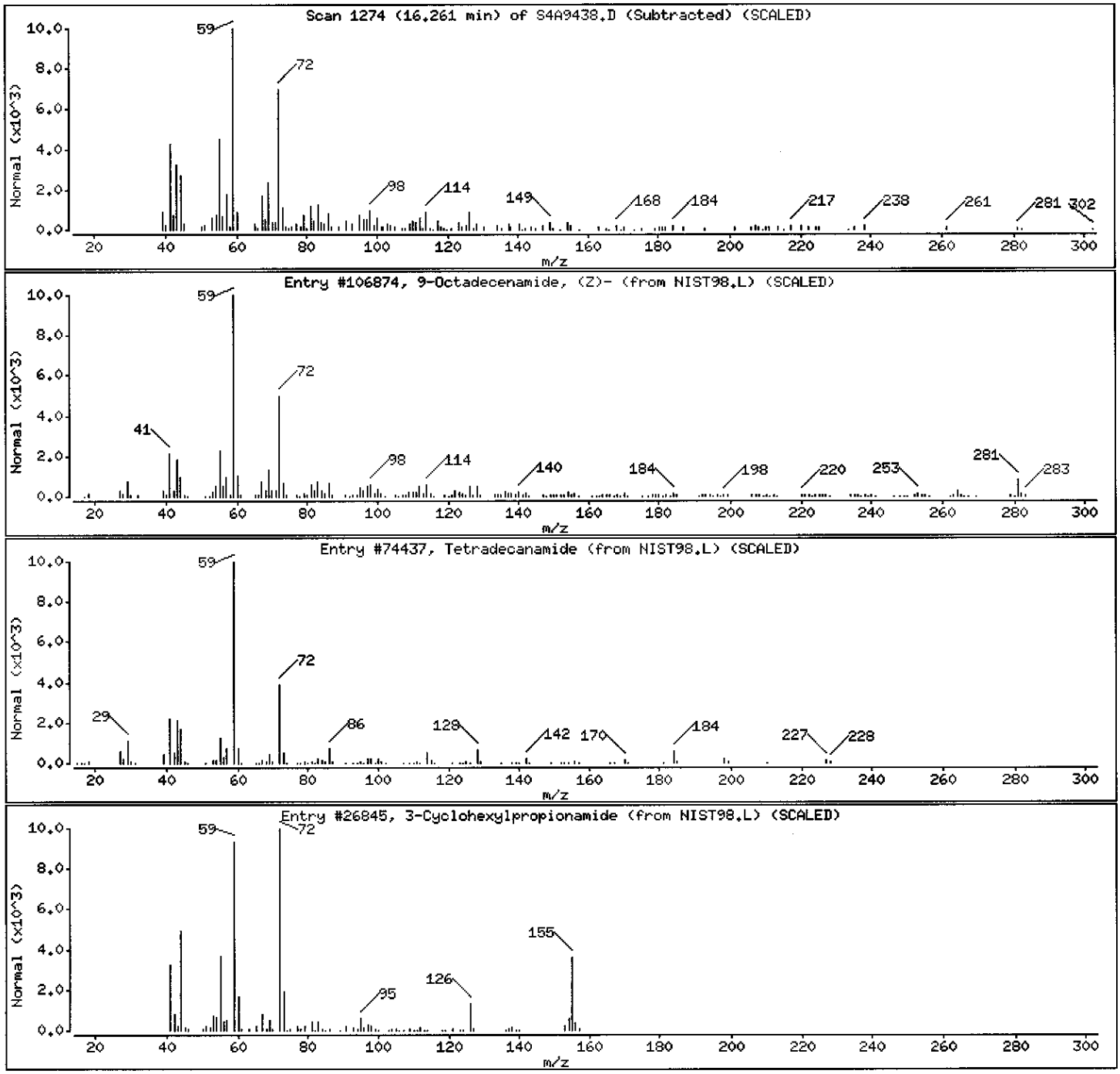
Client ID: SD06-S-0 Instrument: S4.i

Sample Info: D0926-09A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
9-Octadecenamide, (Z)-	301-02-0	NIST98.L	106874	80	C18H35NO	281
Tetradecanamide	638-58-4	NIST98.L	74437	64	C14H29NO	227
3-Cyclohexylpropionamide	4361-29-9	NIST98.L	26845	50	C9H17NO	155



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Date : 24-AUG-2005 21:40

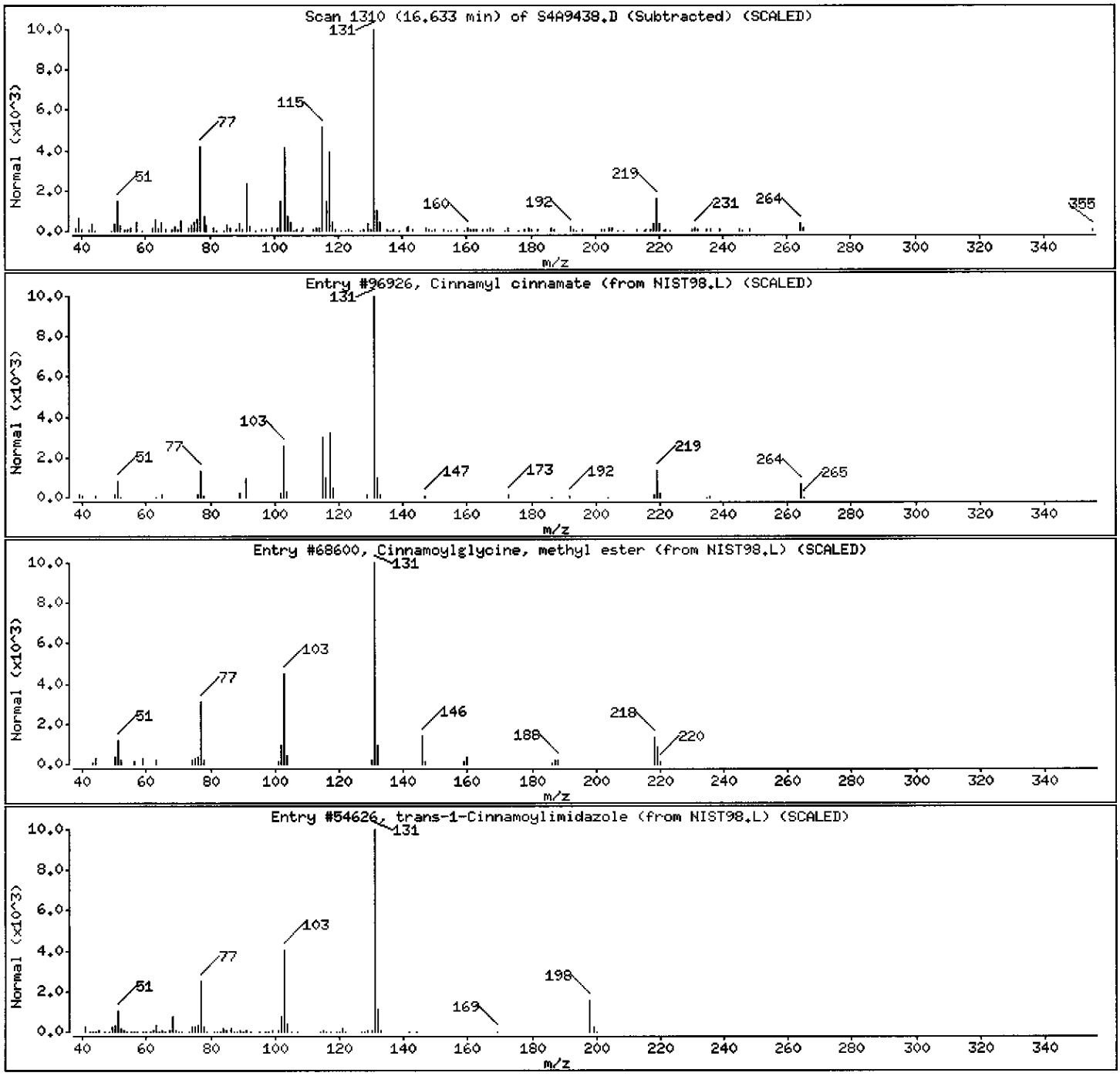
Client ID: SD06-S-0 Instrument: S4.i

Sample Info: D0926-09A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cinnamyl cinnamate	122-69-0	NIST98.L	96926	72	C18H16O2	264
Cinnamoylglycine, methyl ester	40778-04-9	NIST98.L	68600	64	C12H13NO3	219
trans-1-Cinnamoylimidazole	1138-15-4	NIST98.L	54626	47	C12H10N2O	198



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Date : 24-AUG-2005 21:40

Client ID: SD06-S-O

Instrument: S4.i

Sample Info: D0926-09A,,19468,,

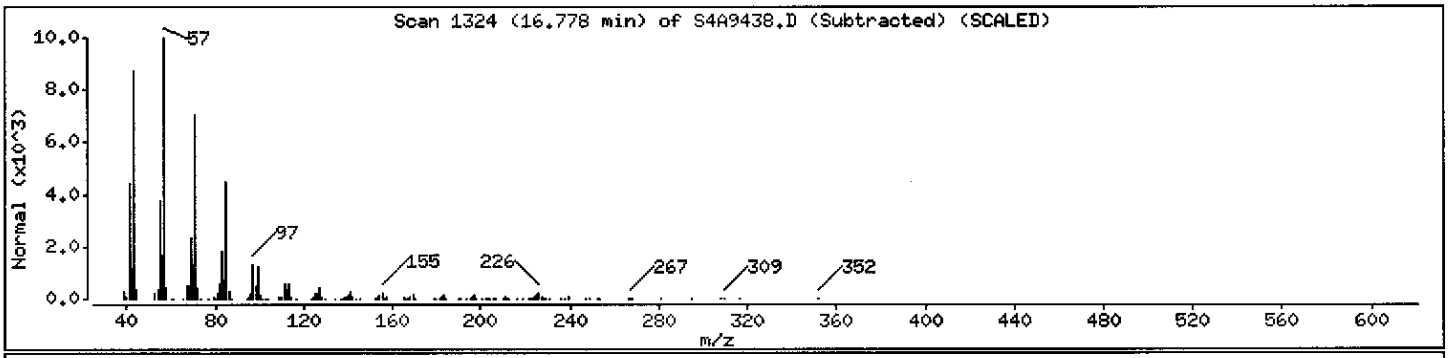
Volume Injected (uL): 2.0

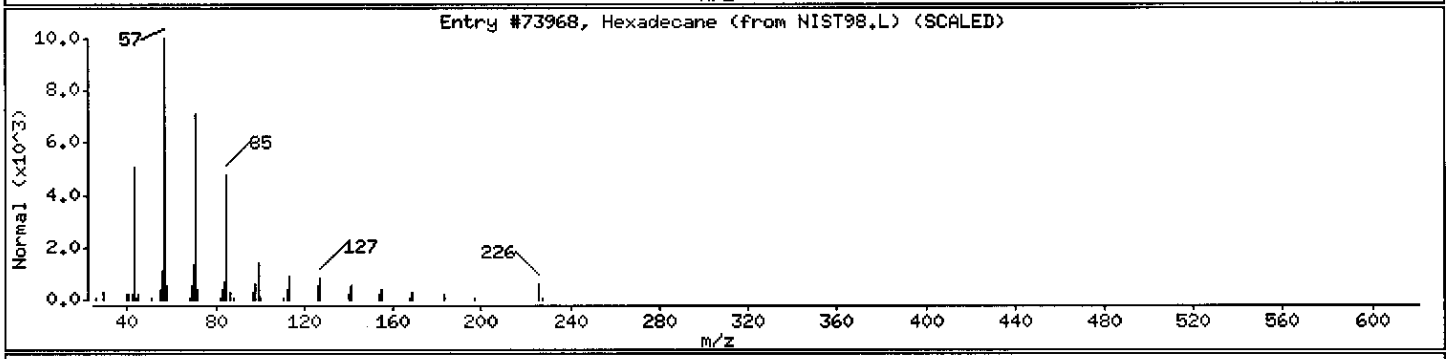
Operator: AW SRC: LIMS

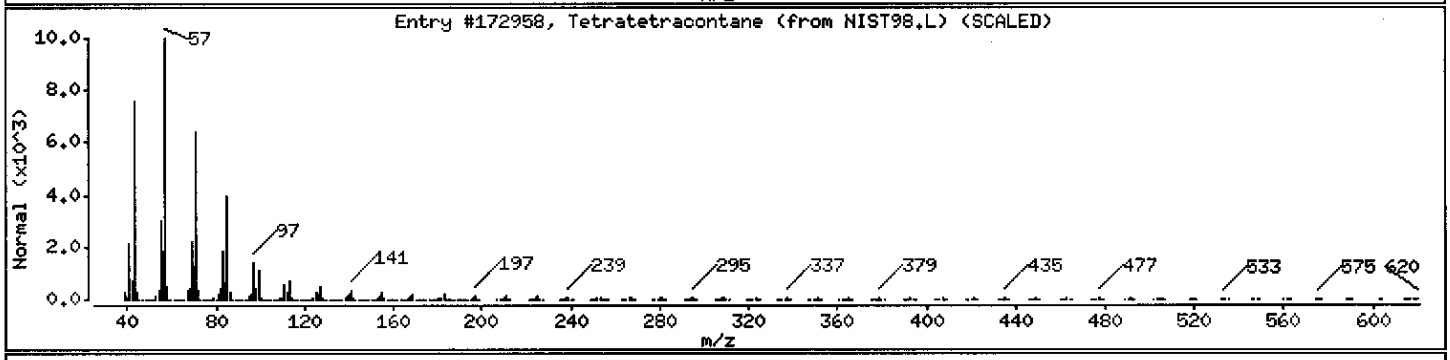
Column phase: DB-5MS

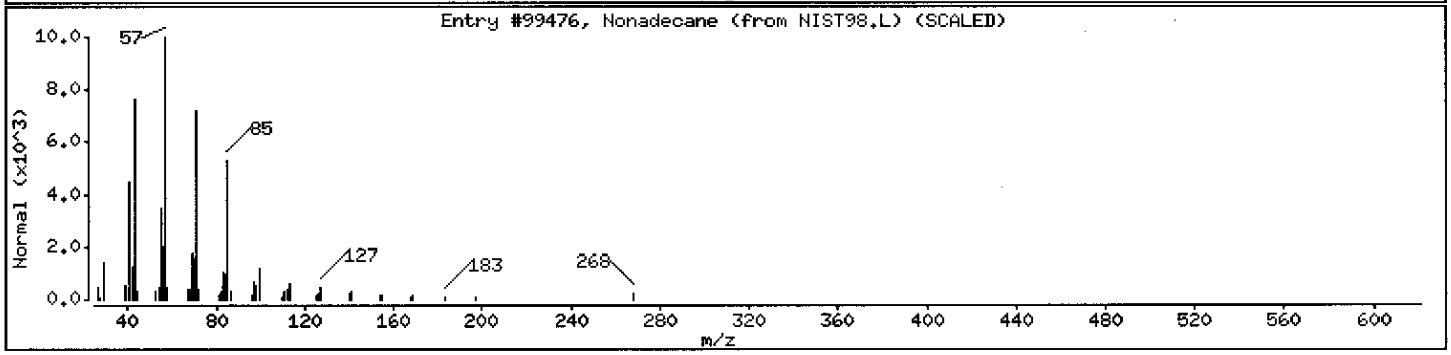
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Hexadecane	544-76-3	NIST98.L	73968	97	C16H34	226
Tetratetracontane	7098-22-8	NIST98.L	172958	91	C44H90	619
Nonadecane	629-92-5	NIST98.L	99476	90	C19H40	268









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Date : 24-AUG-2005 21:40

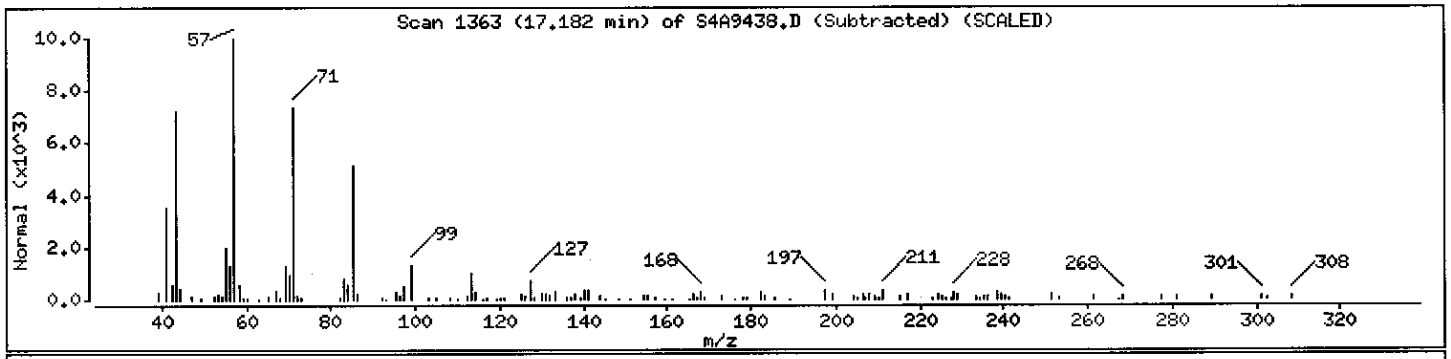
Client ID: SD06-S-0 Instrument: S4.i

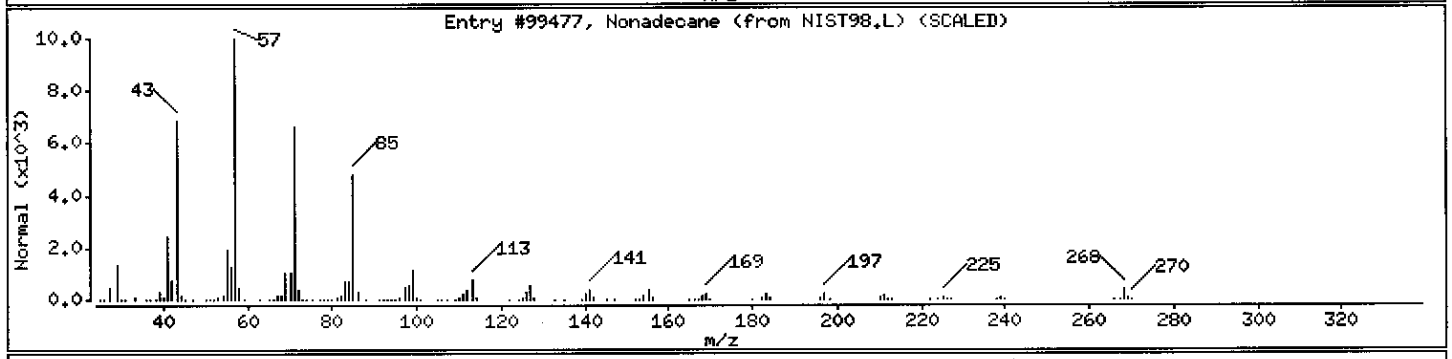
Sample Info: D0926-09A,,19468,,

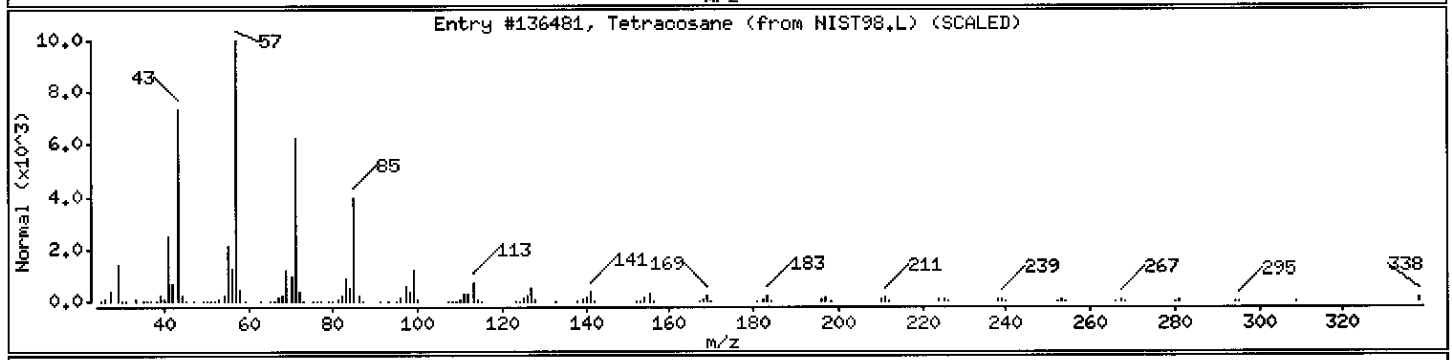
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

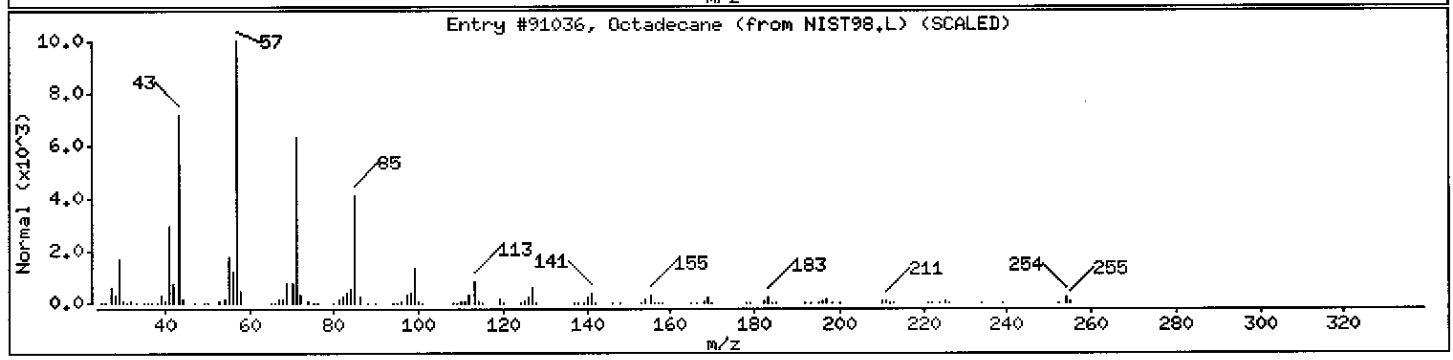
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Nonadecane	629-92-5	NIST98.L	99477	90	C19H40	268
Tetracosane	646-31-1	NIST98.L	136481	87	C24H50	338
Octadecane	593-45-3	NIST98.L	91036	86	C18H38	254









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Date : 24-AUG-2005 21:40

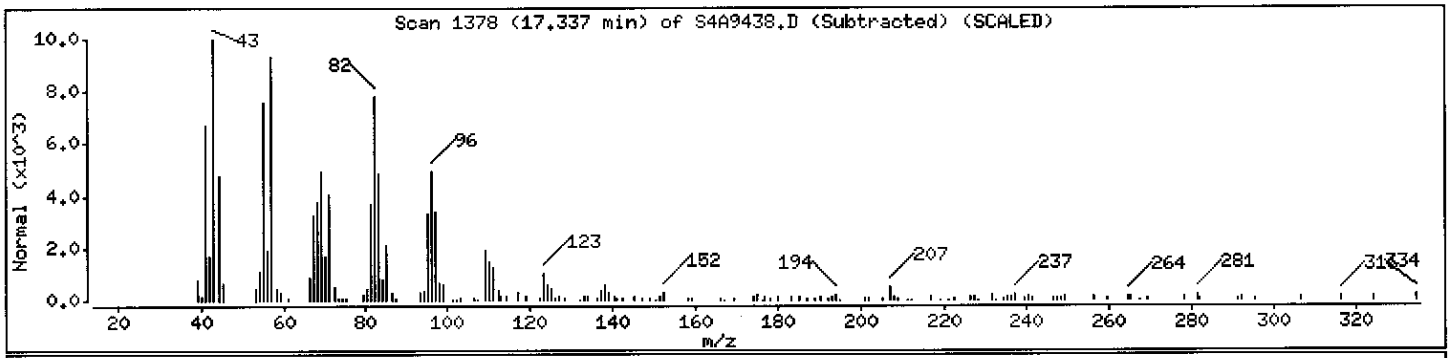
Client ID: SD06-S-0 Instrument: S4.i

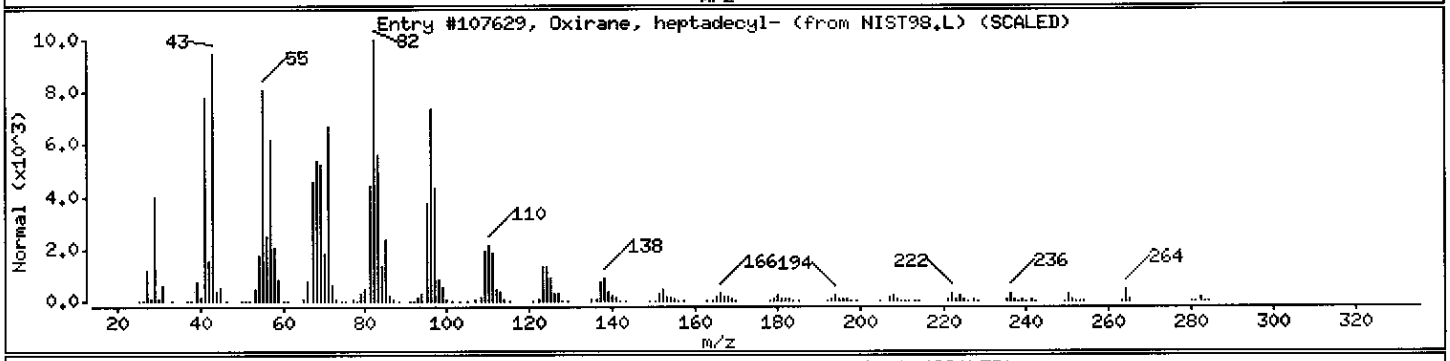
Sample Info: D0926-09A,,19468,,

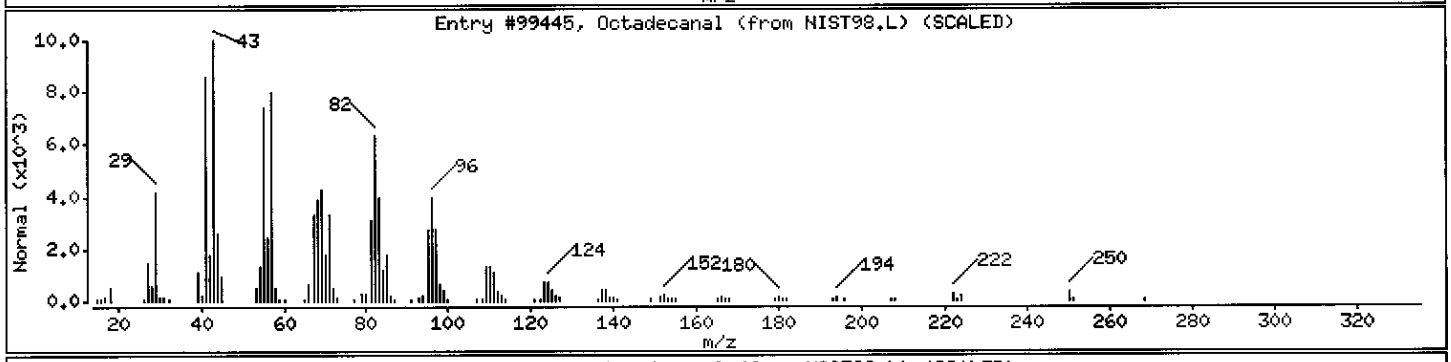
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

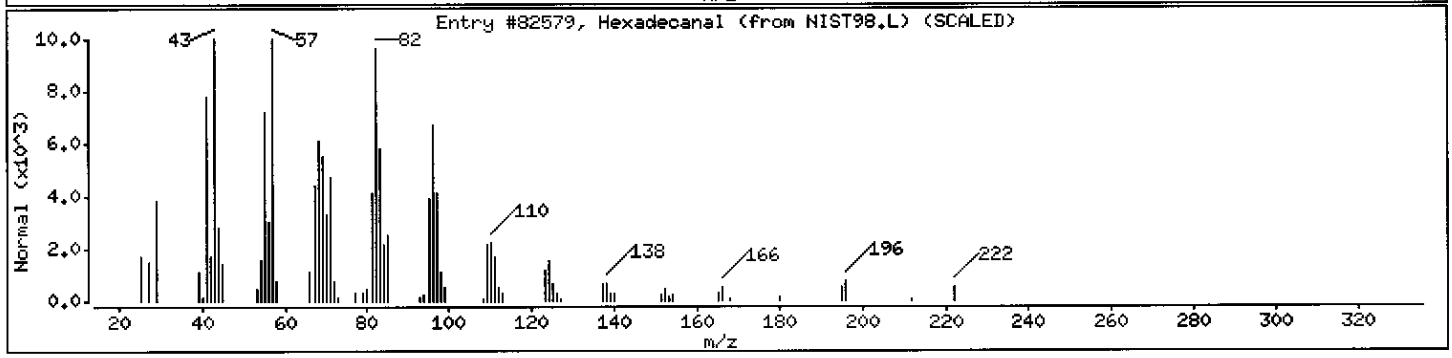
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Oxirane, heptadecyl-	67860-04-2	NIST98.L	107629	93	C19H380	282
Octadecanal	638-66-4	NIST98.L	99445	87	C18H360	268
Hexadecanal	629-80-1	NIST98.L	82579	83	C16H320	240









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Date : 24-AUG-2005 21:40

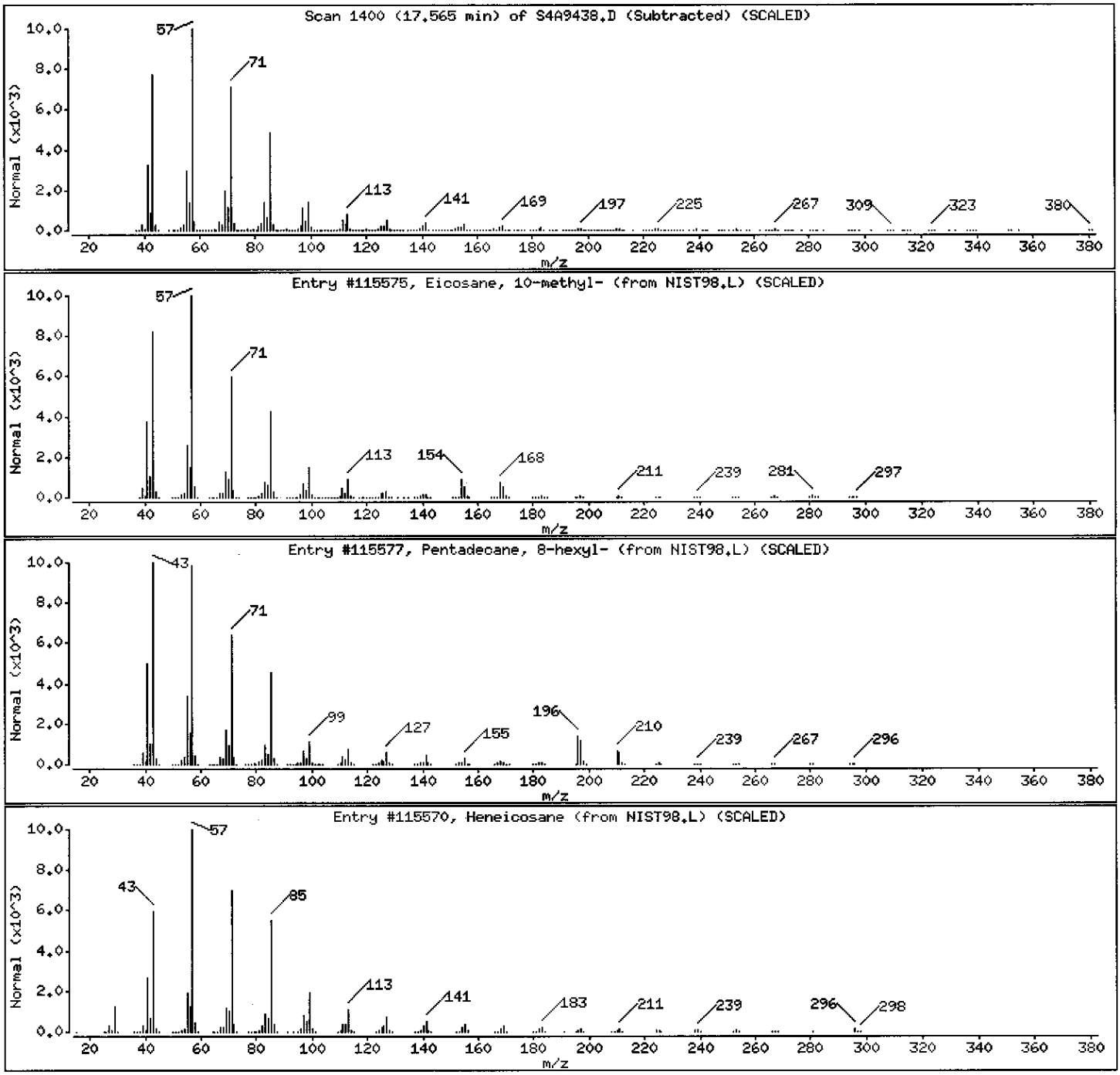
Client ID: SD06-S-0 Instrument: S4.i

Sample Info: D0926-09A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Eicosane, 10-methyl-	54833-23-7	NIST98.L	115575	93	C21H44	296
Pentadecane, 8-hexyl-	13475-75-7	NIST98.L	115577	93	C21H44	296
Heneicosane	629-94-7	NIST98.L	115570	91	C21H44	296



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Date : 24-AUG-2005 21:40

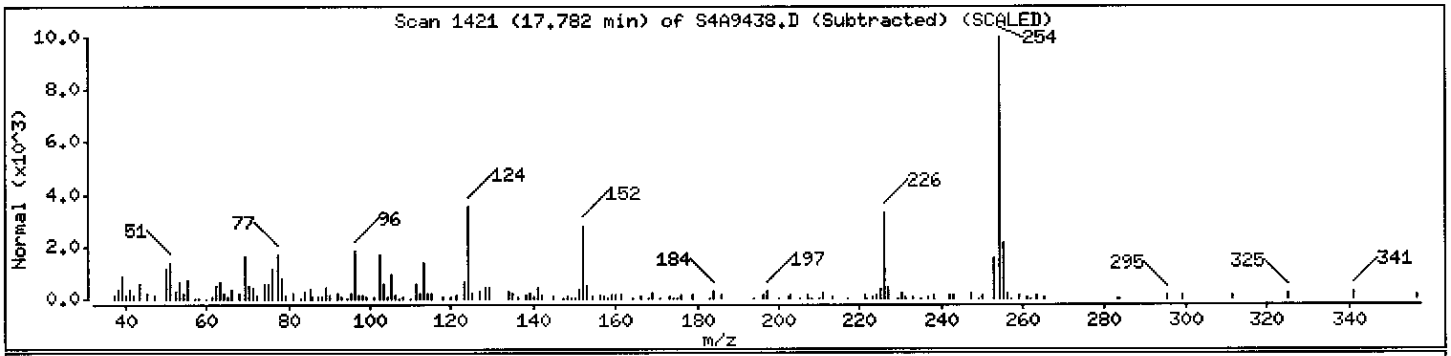
Client ID: SD06-S-0 Instrument: S4.i

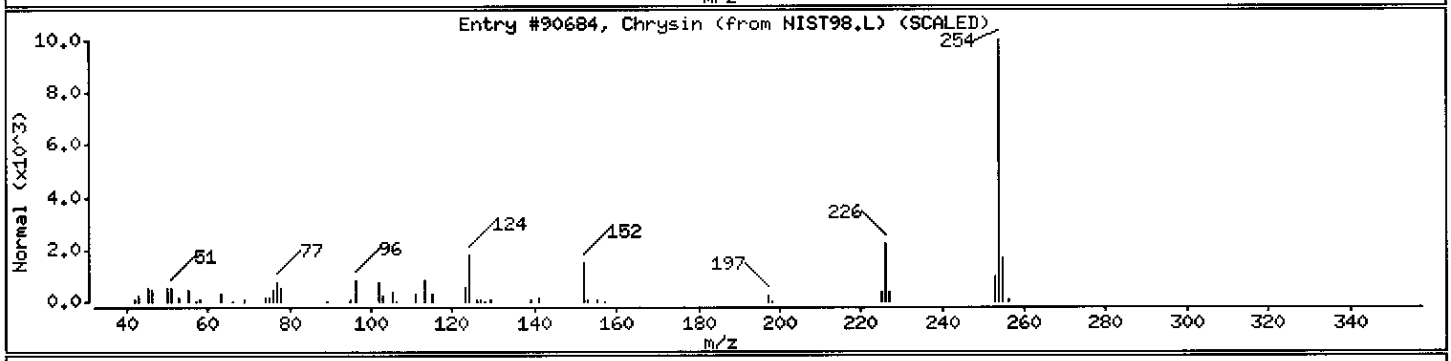
Sample Info: D0926-09A,,19468,,

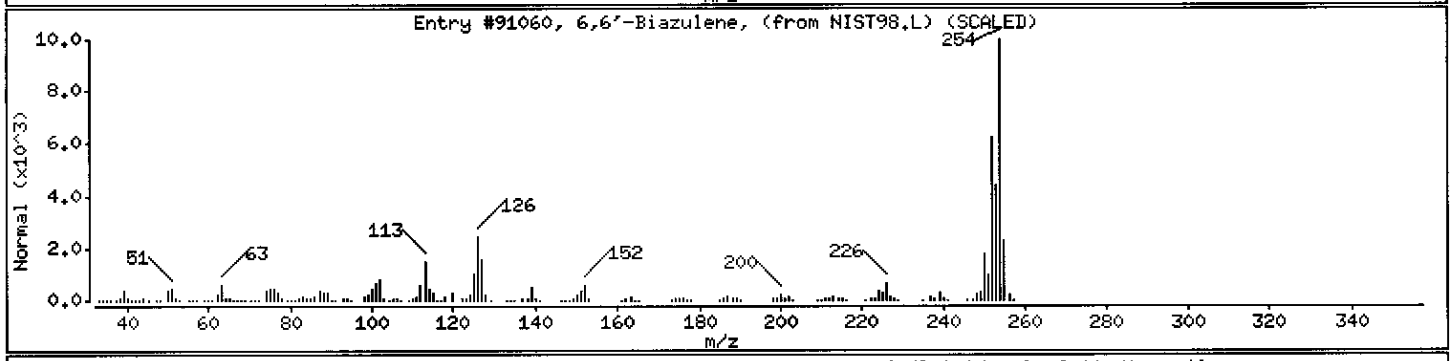
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

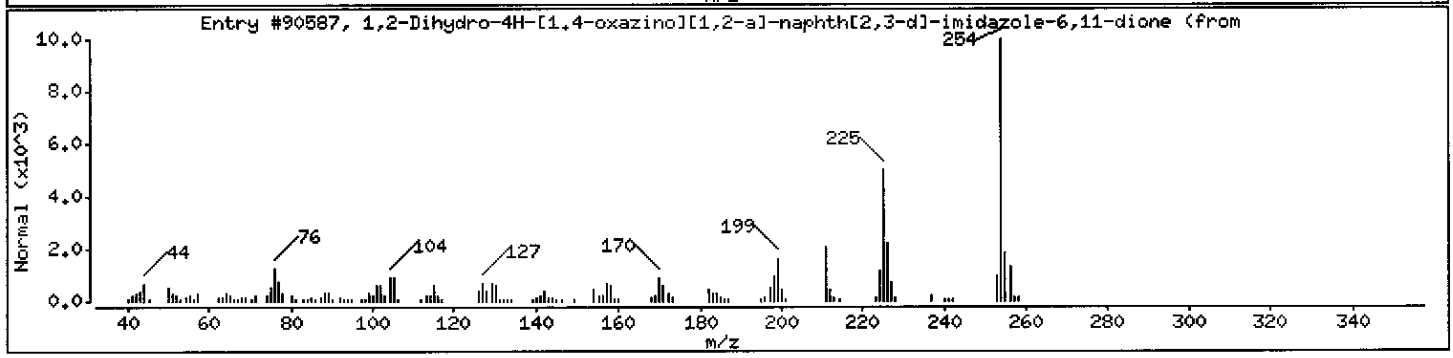
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Chrysin	480-40-0	NIST98.L	90684	94	C15H10O4	254
6,6'-Biazulene,	73393-11-0	NIST98.L	91060	47	C20H14	254
1,2-Dihydro-4H-[1,4-oxazino][1,2-a]-naph	38066-84-1	NIST98.L	90587	47	C14H10N2O3	254









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Date : 24-AUG-2005 21:40

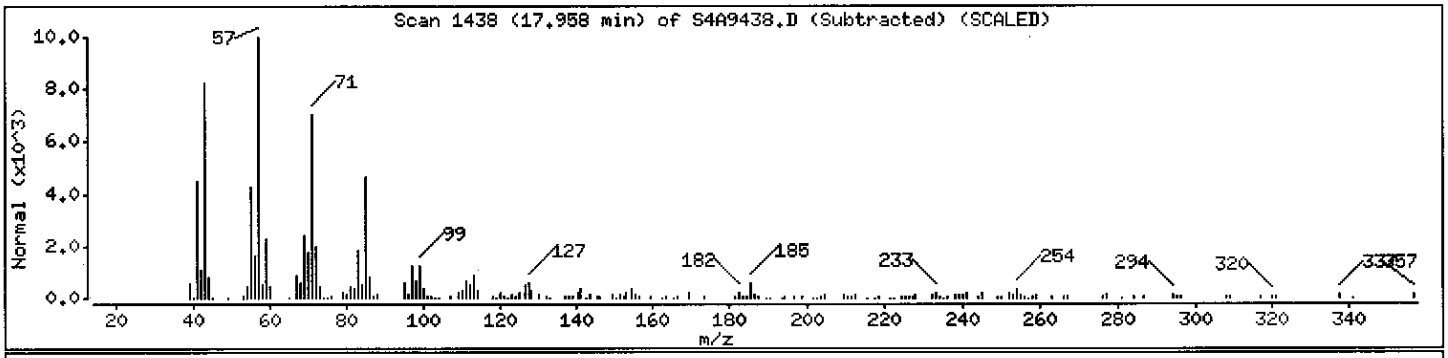
Client ID: SD06-S-0 Instrument: S4.i

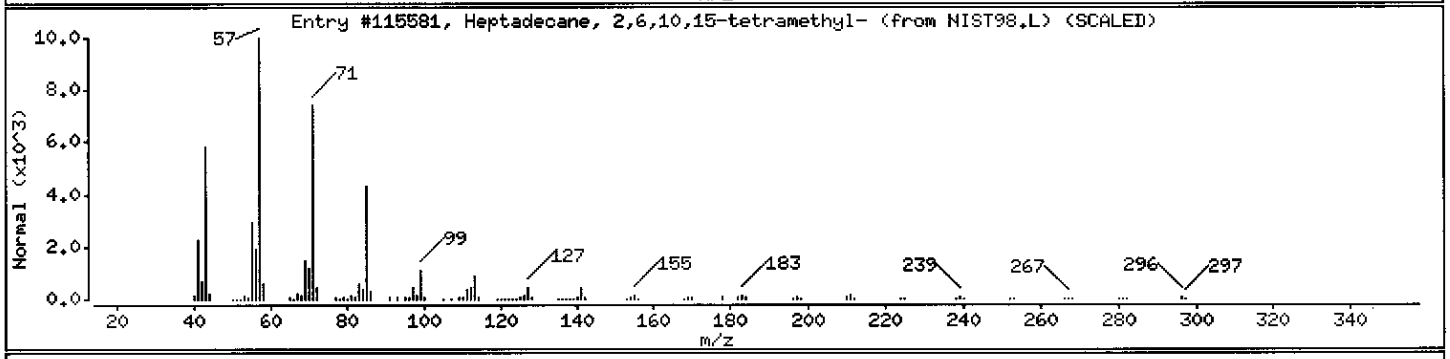
Sample Info: D0926-09A,,19468,,

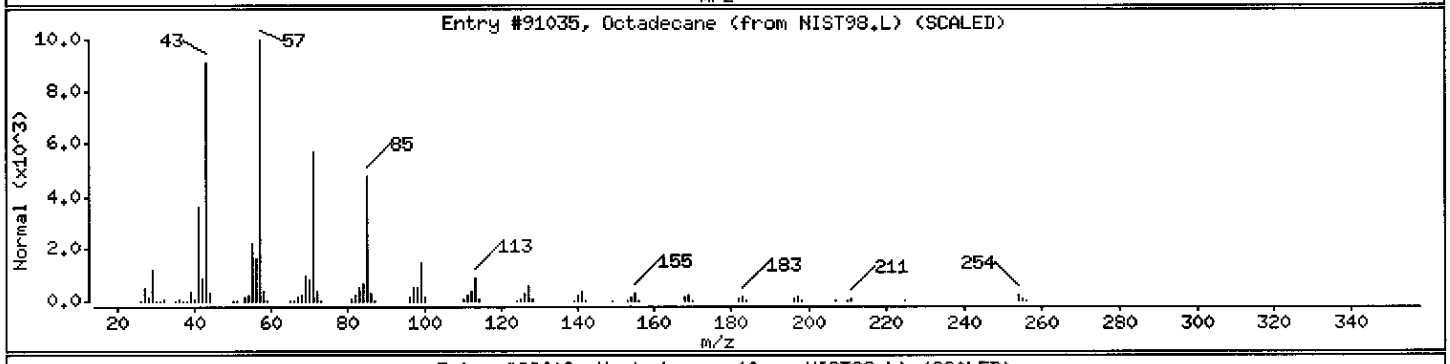
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

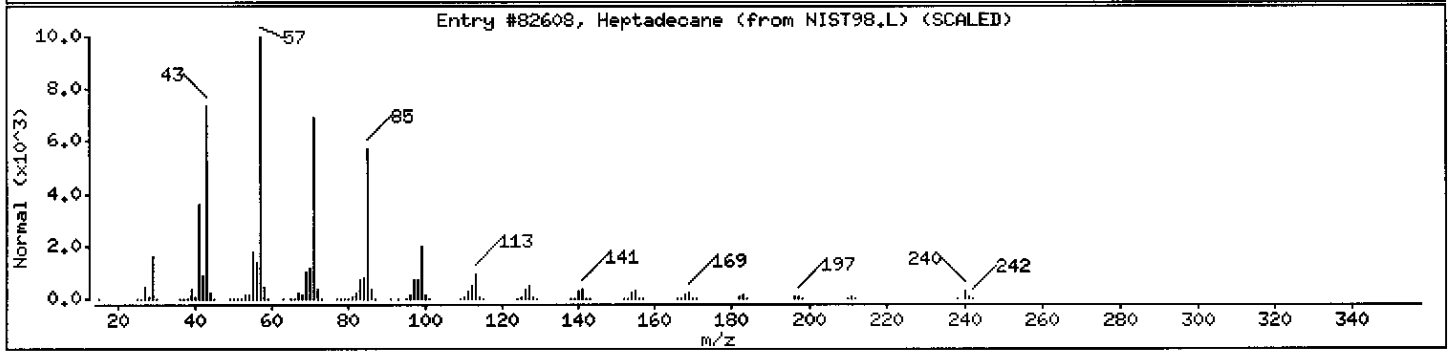
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST98.L	115581	96	C21H44	296
Octadecane	593-45-3	NIST98.L	91035	83	C18H38	254
Heptadecane	629-78-7	NIST98.L	82608	70	C17H36	240









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Date : 24-AUG-2005 21:40

Client ID: SD06-S-0

Instrument: S4.i

Sample Info: D0926-09A,,19468,,

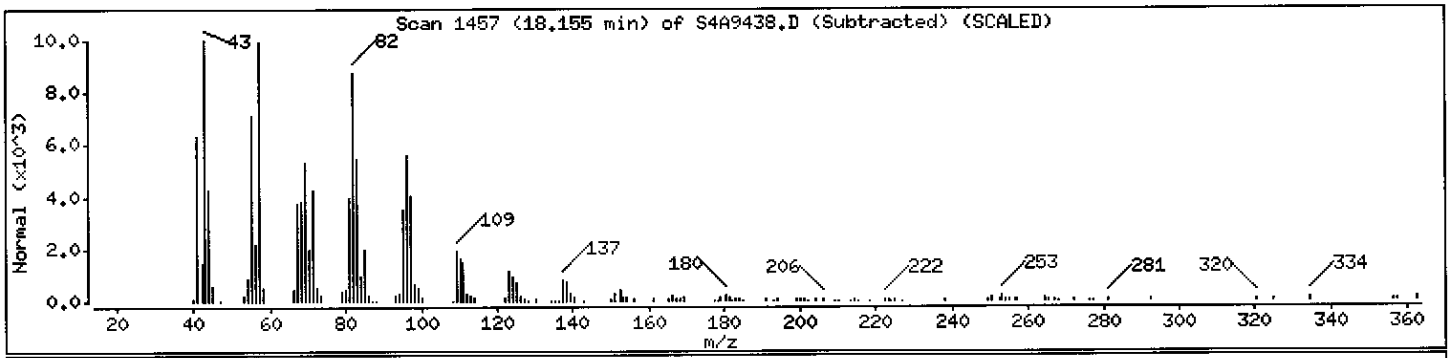
Volume Injected (uL): 2.0

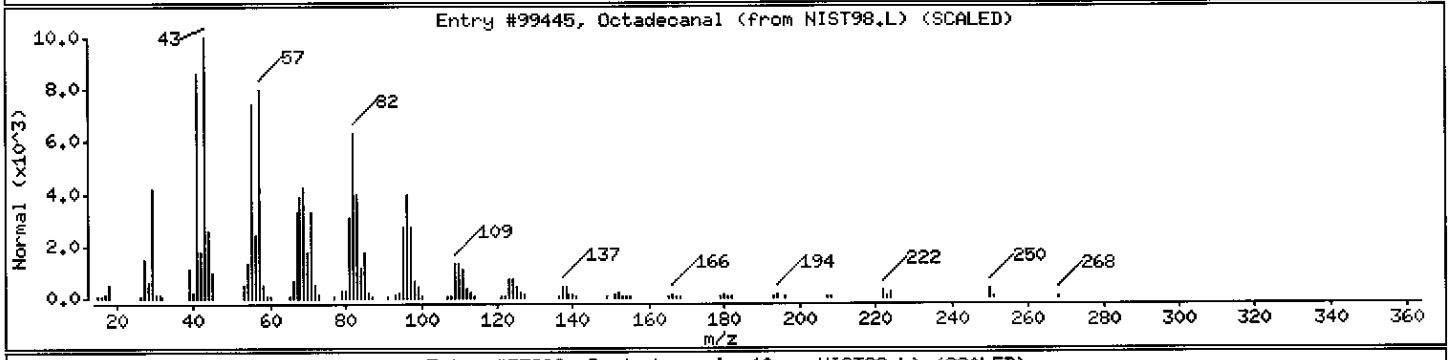
Operator: AW SRC: LIMS

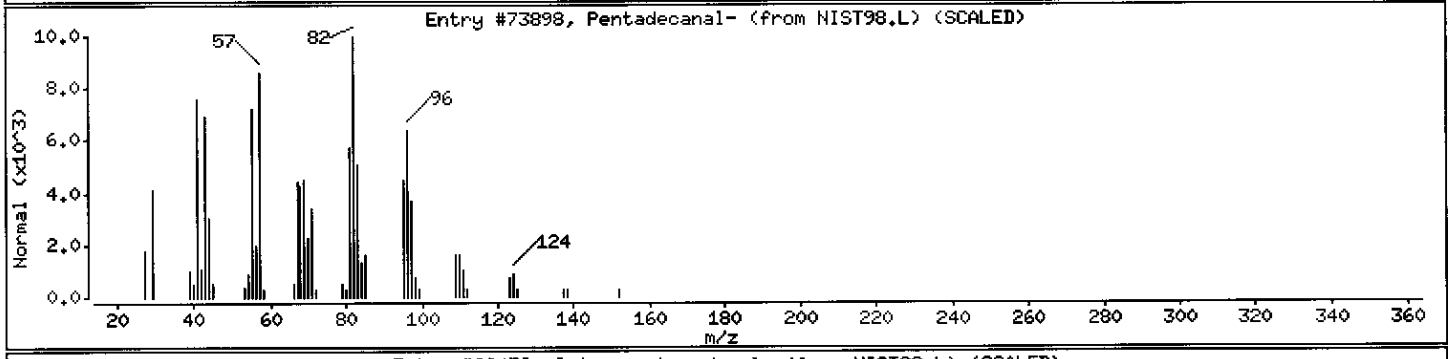
Column phase: DB-5MS

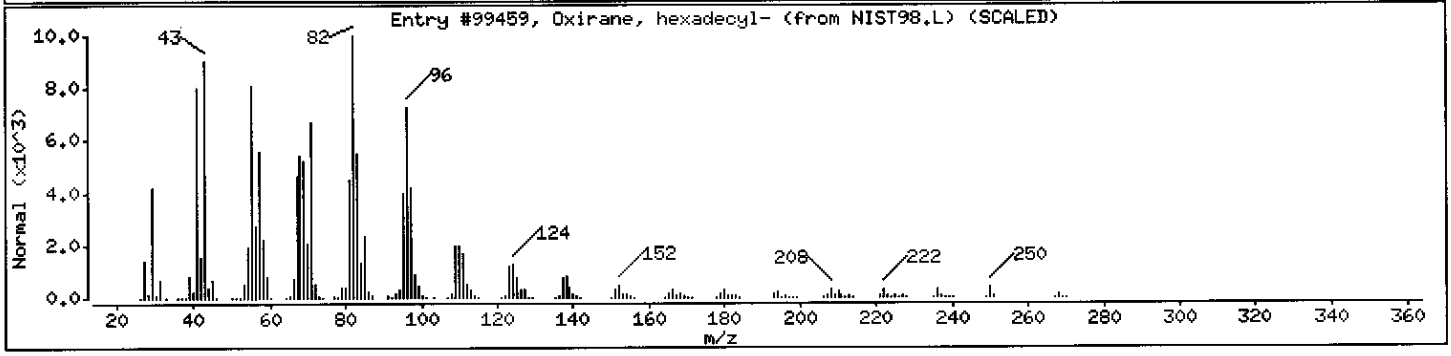
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octadecanal	638-66-4	NIST98.L	99445	91	C18H360	268
Pentadecanal-	2765-11-9	NIST98.L	73898	90	C15H300	226
Oxirane, hexadecyl-	7390-81-0	NIST98.L	99459	90	C18H360	268









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Date : 24-AUG-2005 21:40

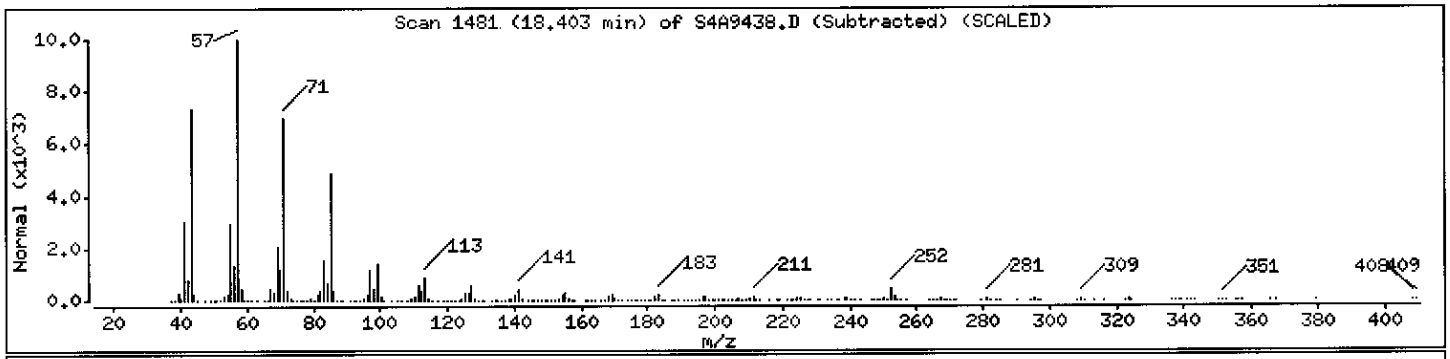
Client ID: SD06-S-0 Instrument: S4.i

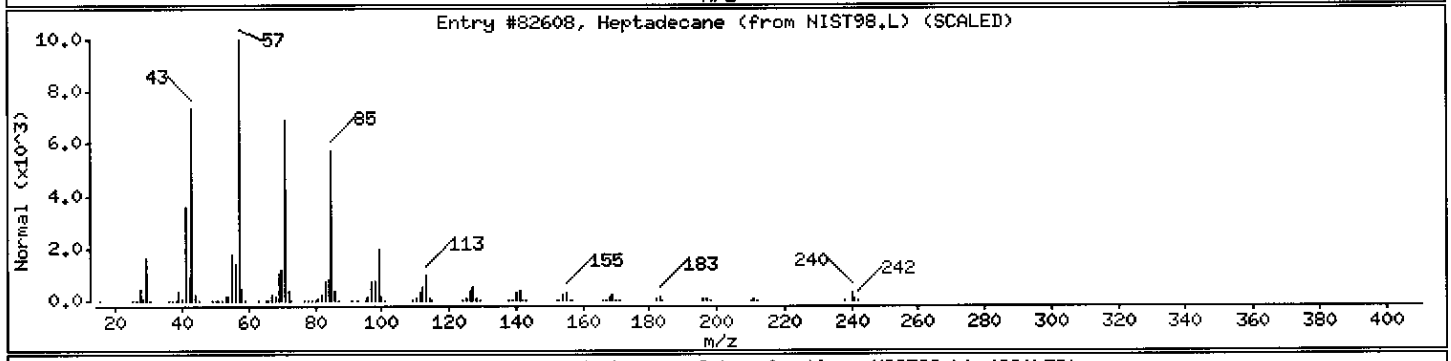
Sample Info: D0926-09A,,19468,,

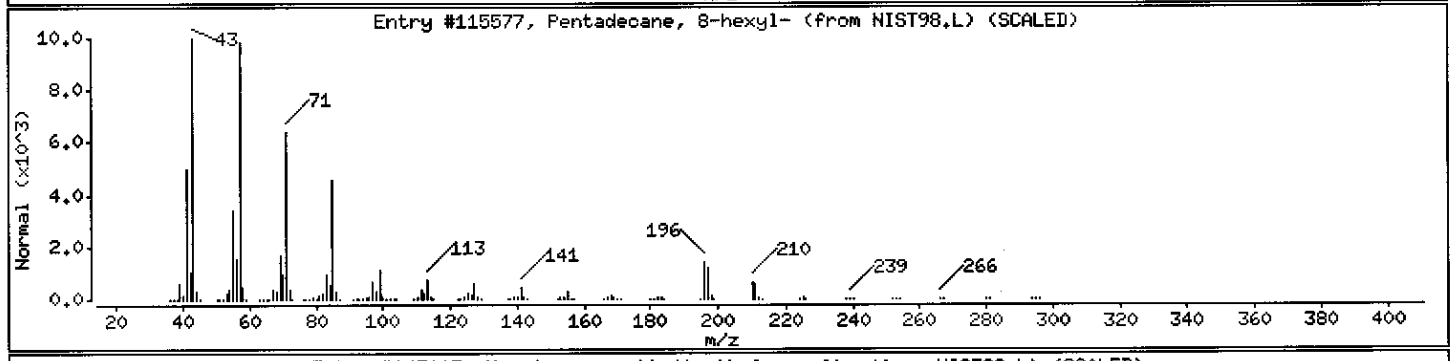
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

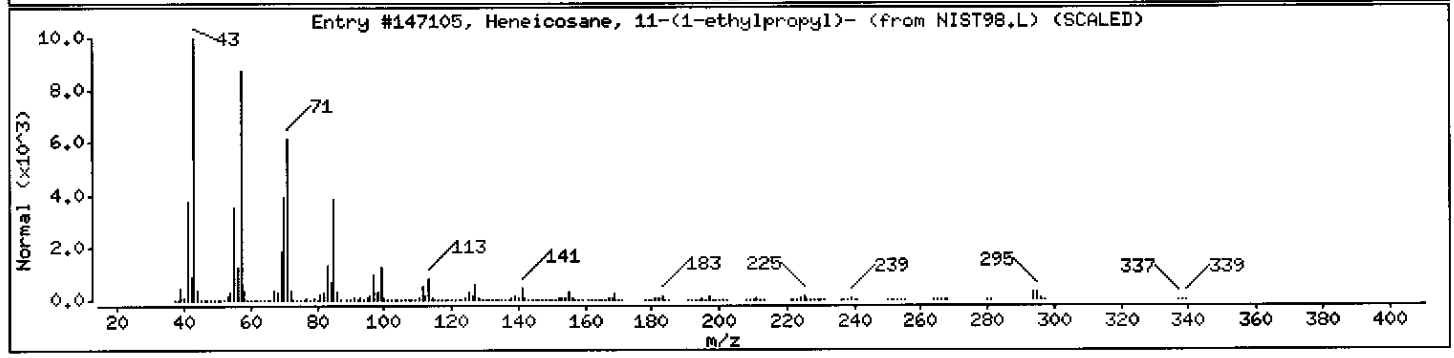
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Heptadecane	629-78-7	NIST98.L	82608	95	C17H36	240
Pentadecane, 8-hexyl-	13475-75-7	NIST98.L	115577	94	C21H44	296
Heneicosane, 11-(1-ethylpropyl)-	55282-11-6	NIST98.L	147105	91	C26H54	366









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Date : 24-AUG-2005 21:40

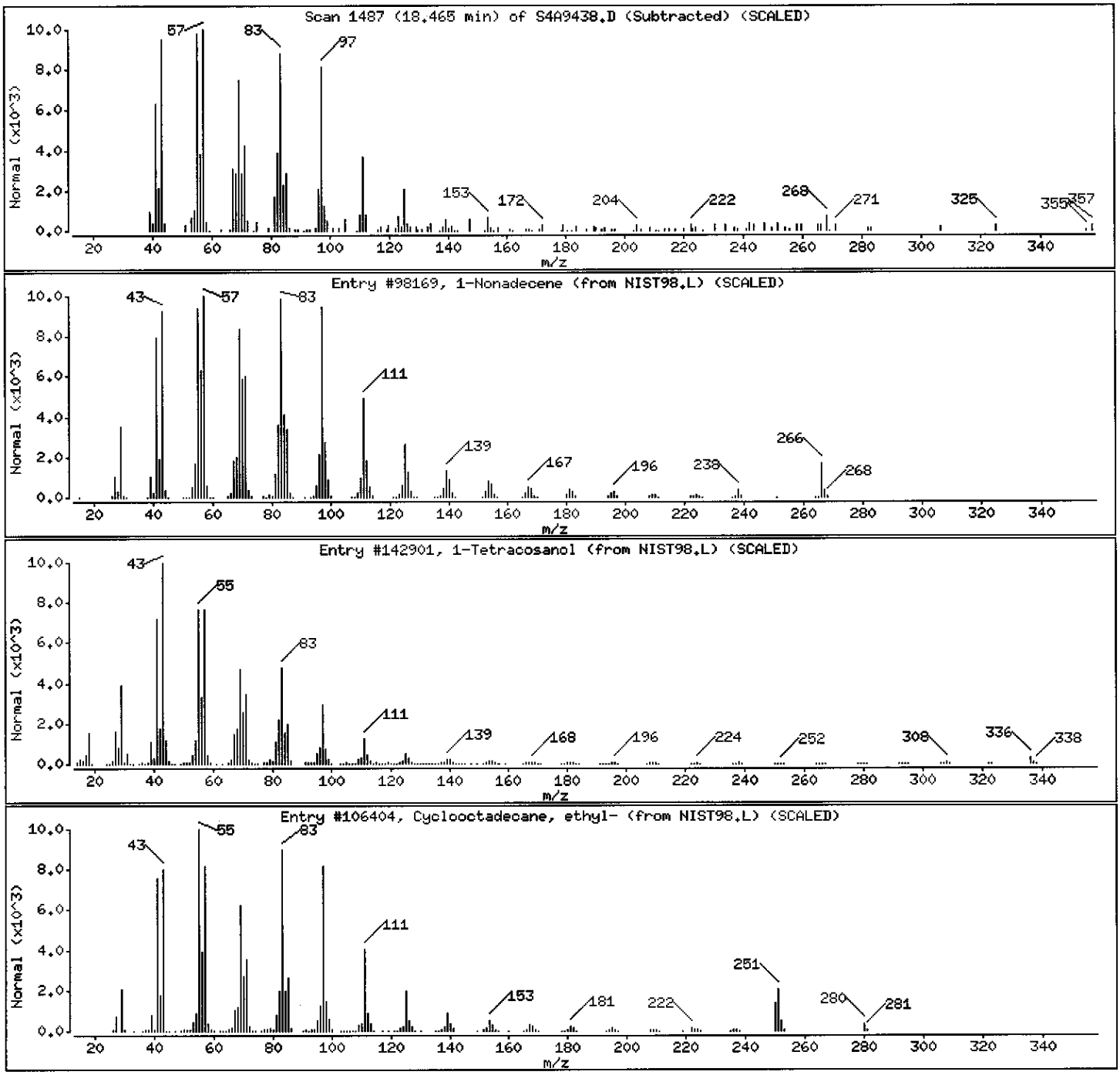
Client ID: SD06-S-0 Instrument: S4.i

Sample Info: D0926-09A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Nonadecene	18435-45-5	NIST98.L	98169	83	C19H38	266
1-Tetracosanol	506-51-4	NIST98.L	142901	80	C24H50O	354
Cyclooctadecane, ethyl-	1000151-22-5	NIST98.L	106404	70	C20H40	280



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9438.D

Date : 24-AUG-2005 21:40

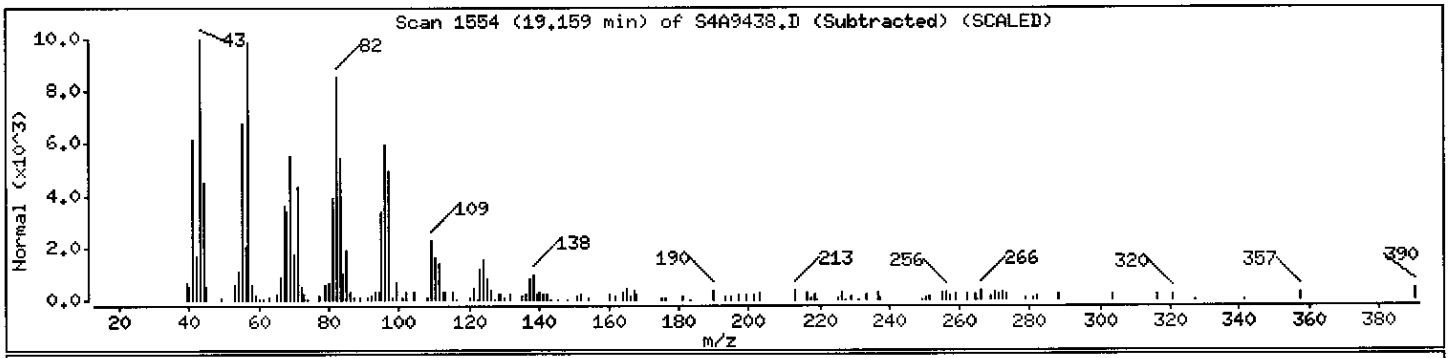
Client ID: SD06-S-0 Instrument: S4.i

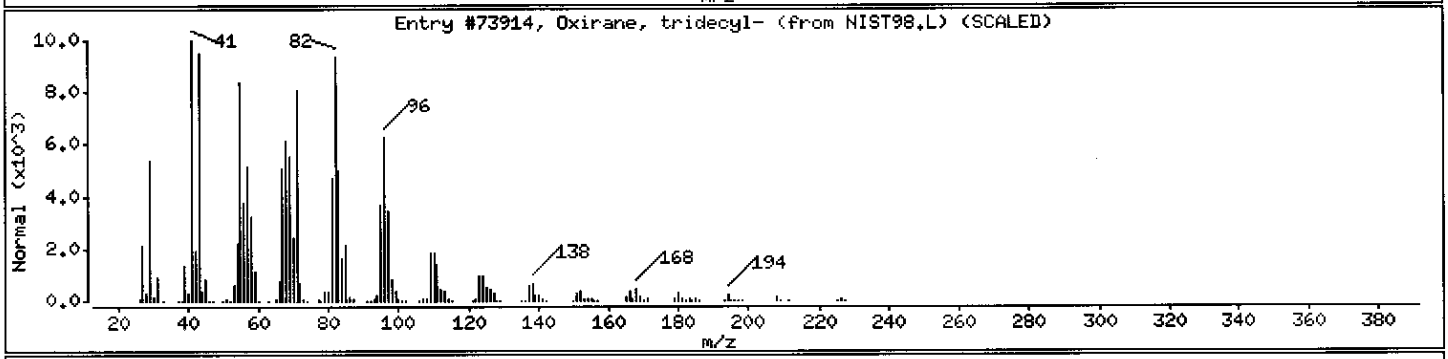
Sample Info: D0926-09A,,19468,,

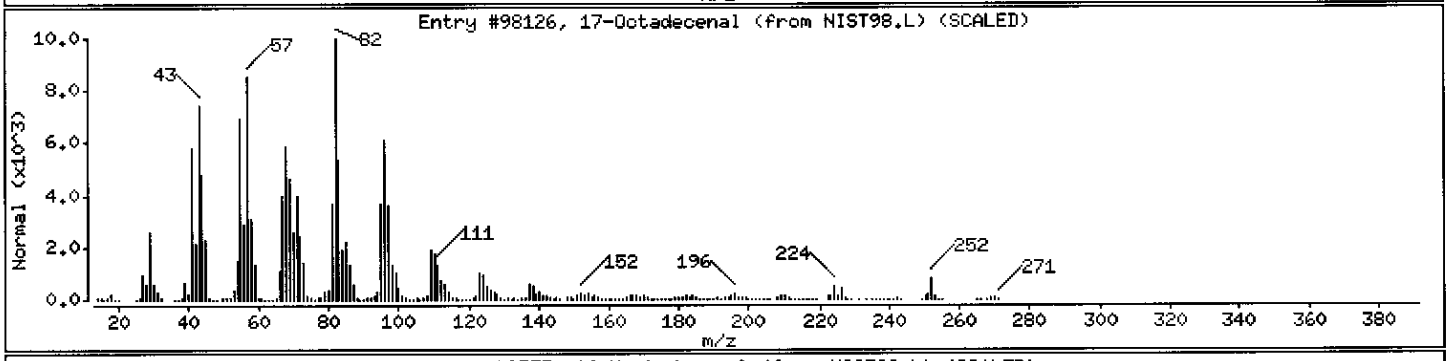
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

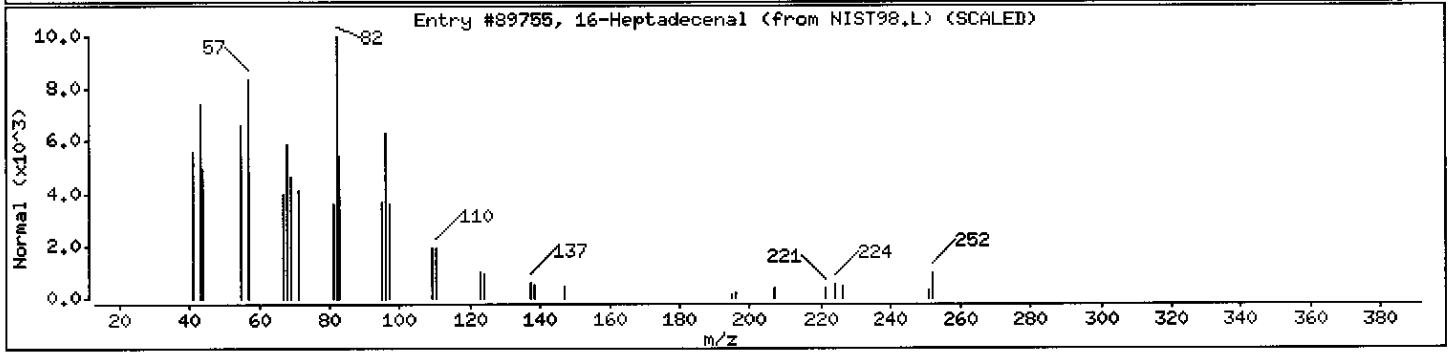
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Oxirane, tridecyl-	18633-25-5	NIST98.L	73914	96	C15H30O	226
17-Octadecenal	56554-86-0	NIST98.L	98126	86	C18H34O	266
16-Heptadecenal	1000144-57-9	NIST98.L	89755	80	C17H32O	252









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Date : 24-AUG-2005 21:40

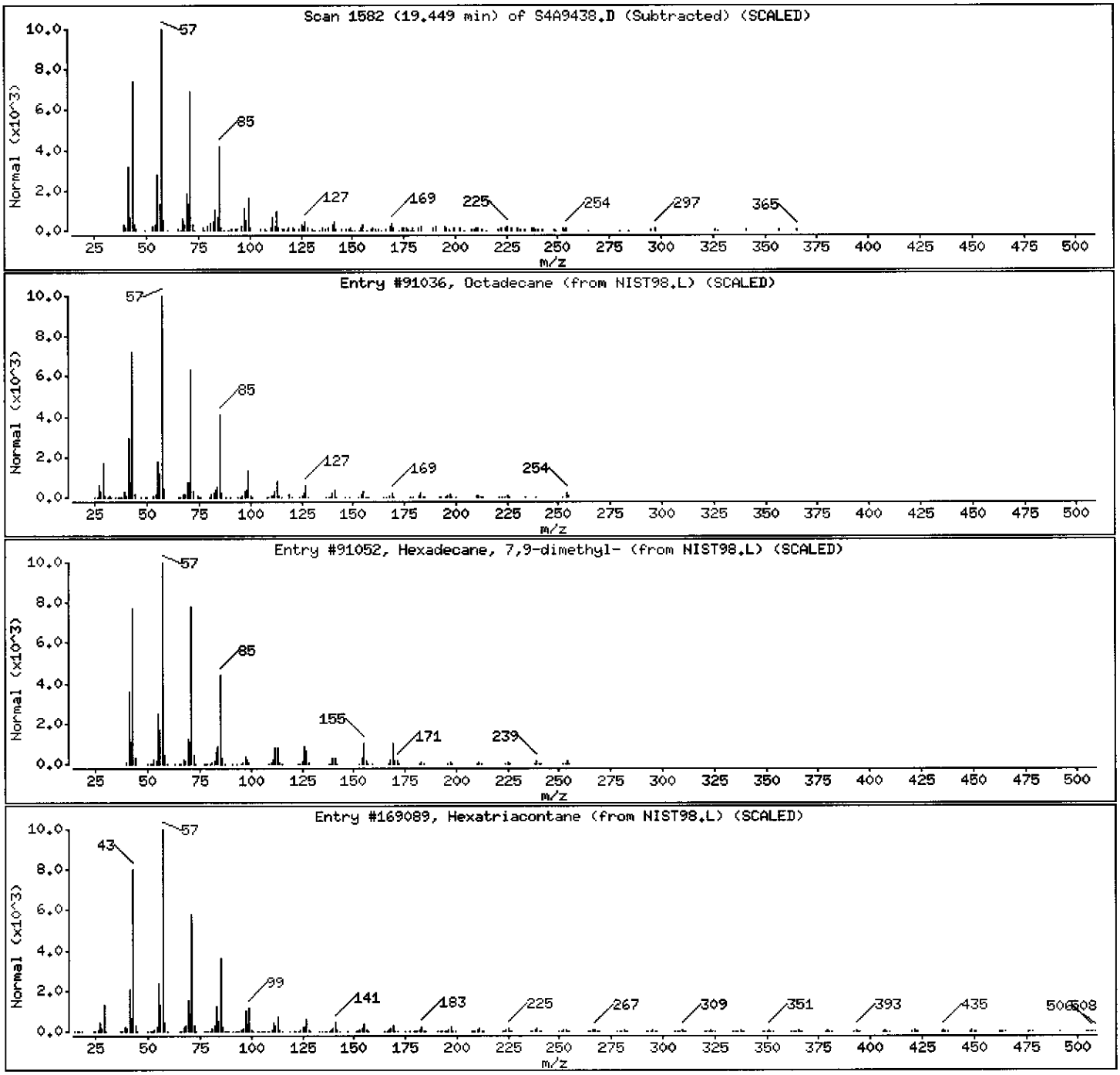
Client ID: SD06-S-0 Instrument: S4.i

Sample Info: D0926-09A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Octadecane	593-45-3	NIST98.L	91036	94	C18H38	254
Hexadecane, 7,9-dimethyl-	21164-95-4	NIST98.L	91052	90	C18H38	254
Hexatriacontane	630-06-8	NIST98.L	169089	90	C36H74	507



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Date : 24-AUG-2005 21:40

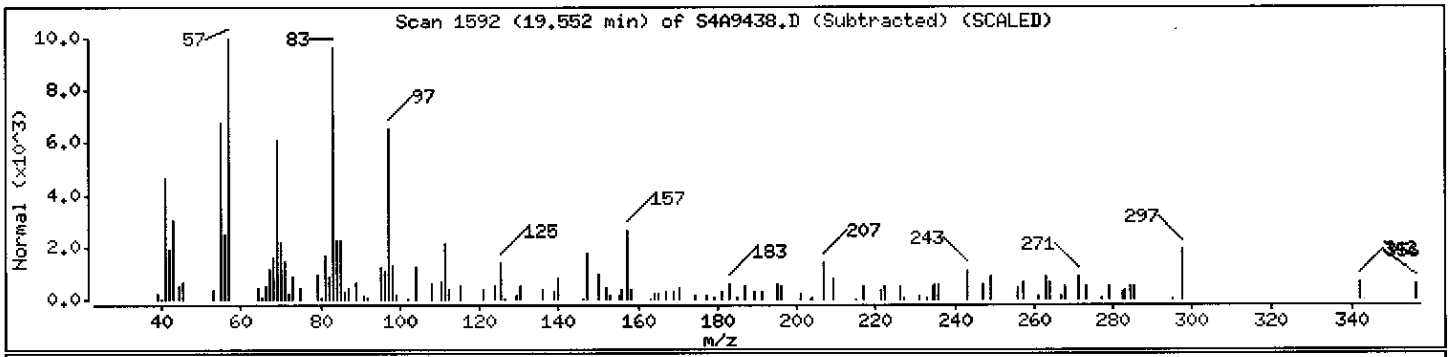
Client ID: SD06-S-0 Instrument: S4.i

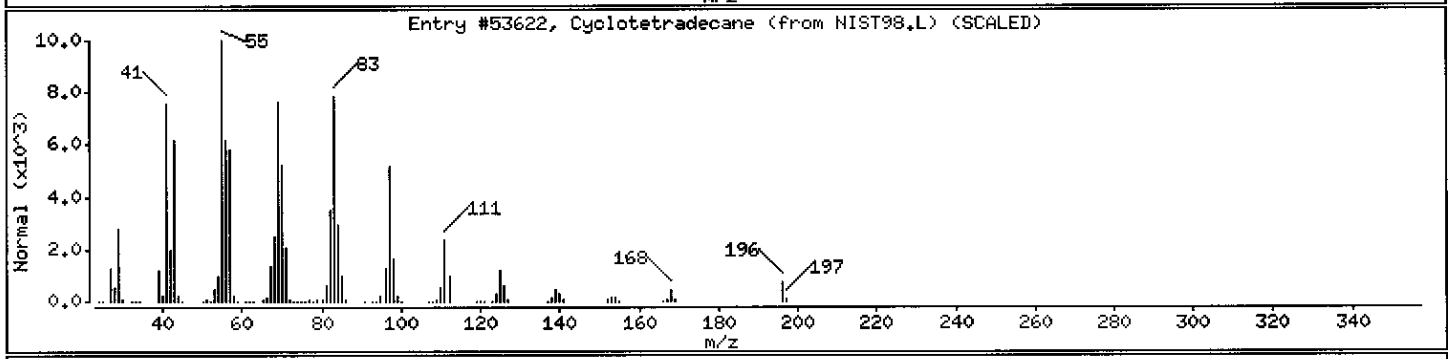
Sample Info: D0926-09A,,19468,,

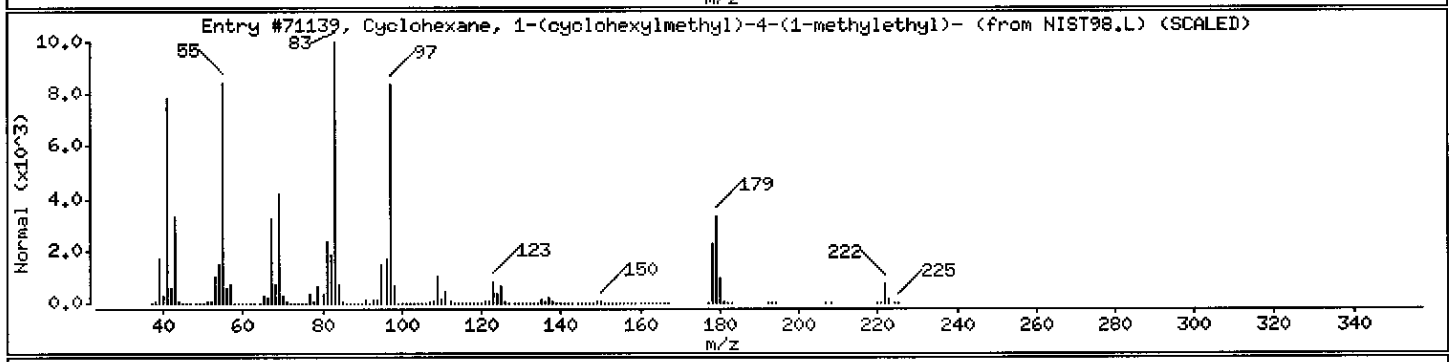
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

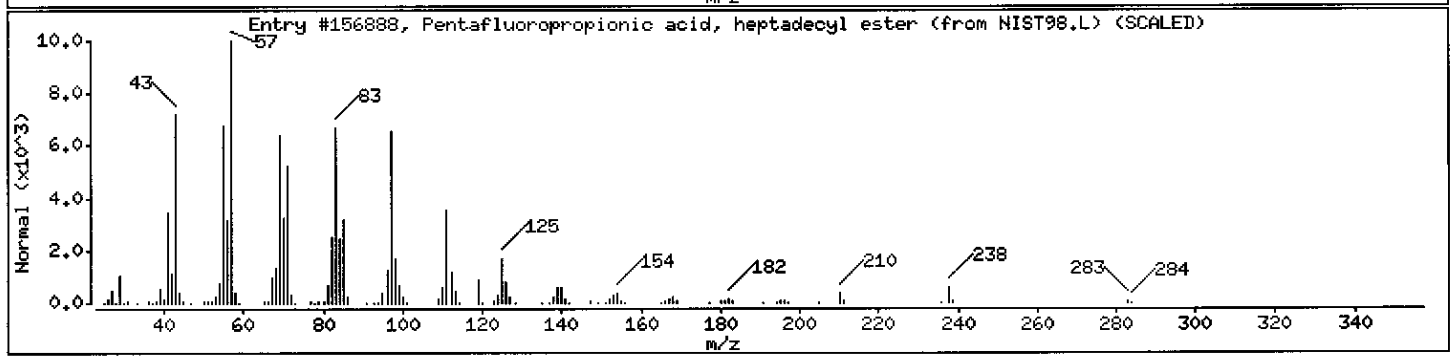
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclotetradecane	295-17-0	NIST98.L	53622	53	C14H28	196
Cyclohexane, 1-(cyclohexylmethyl)-4-(1-m	54965-61-6	NIST98.L	71139	46	C16H30	222
Pentafluoropropionic acid, heptadecyl es	1000283-04-2	NIST98.L	156888	43	C20H35F5O2	402









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Date : 24-AUG-2005 21:40

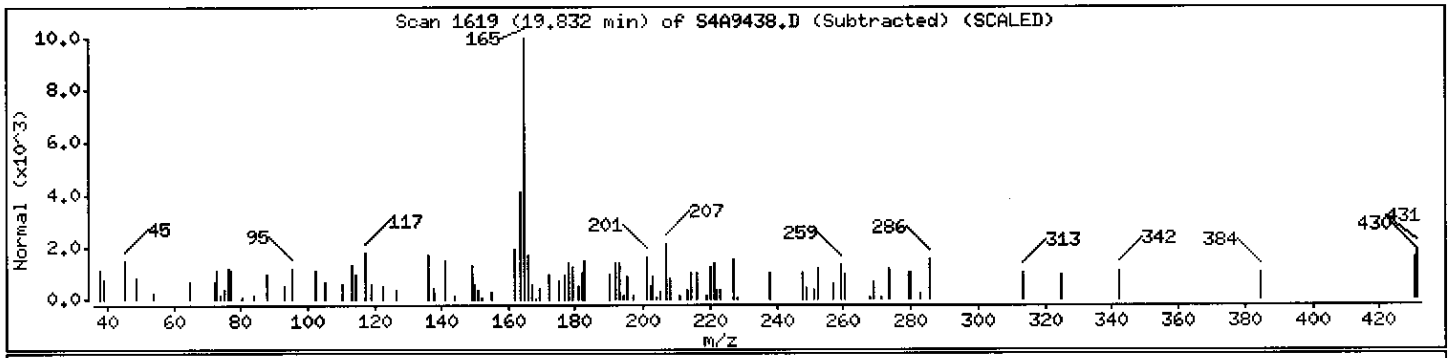
Client ID: SD06-S-0 Instrument: S4.i

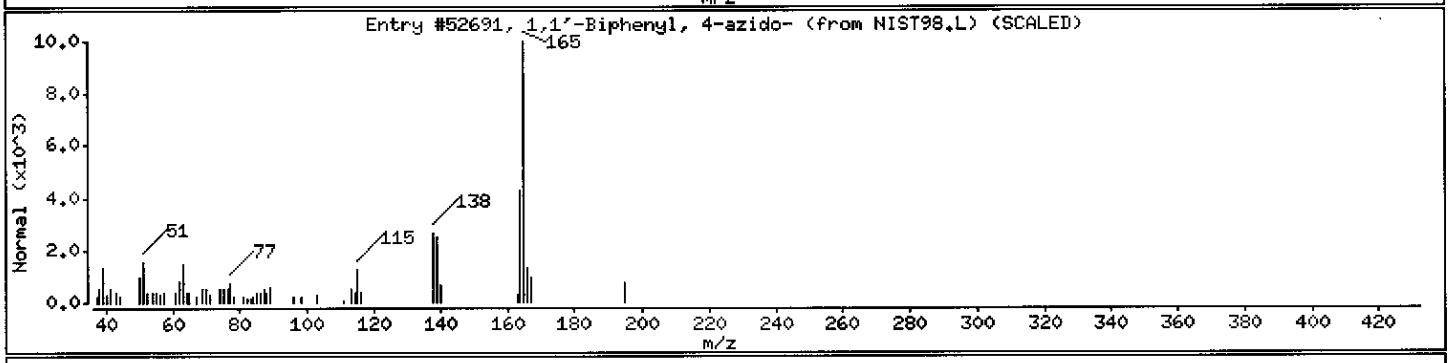
Sample Info: D0926-09A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1,1'-Biphenyl, 4-azido-	31656-91-4	NIST98.L	52691	47	C12H9N3	195





Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9438.D

Date : 24-AUG-2005 21:40

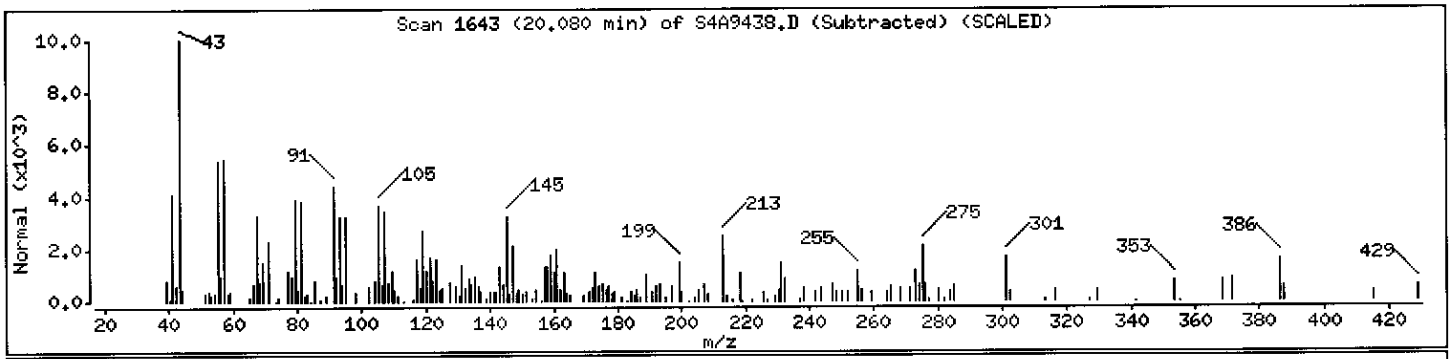
Client ID: SD06-S-0 Instrument: S4.i

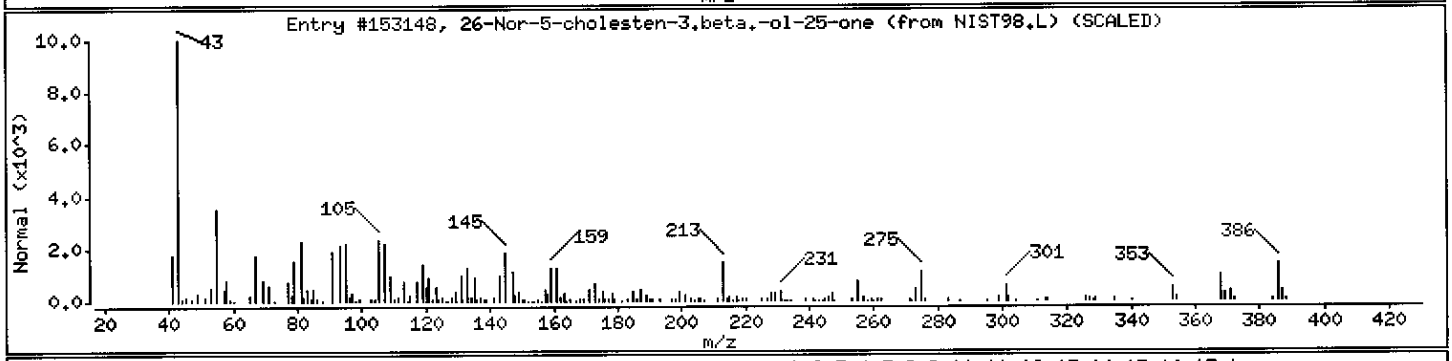
Sample Info: D0926-09A,,19468,,

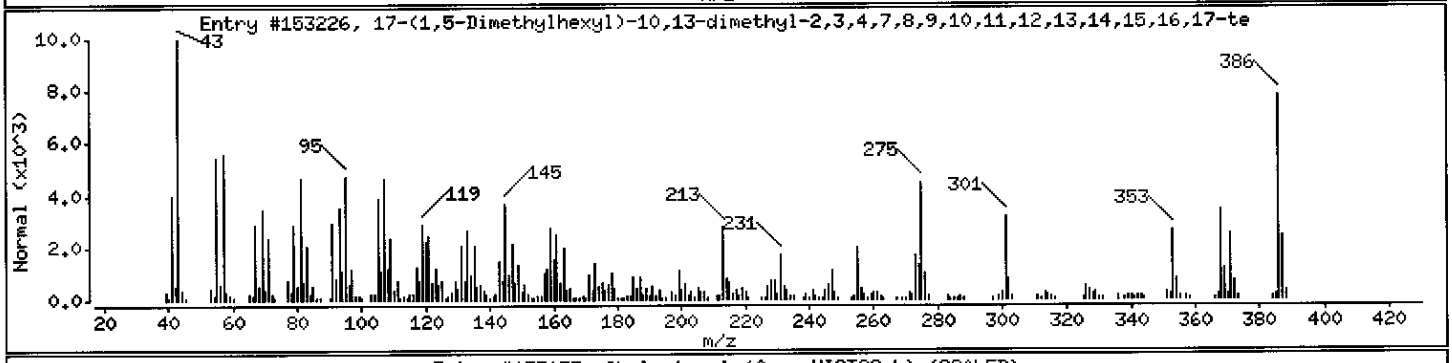
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

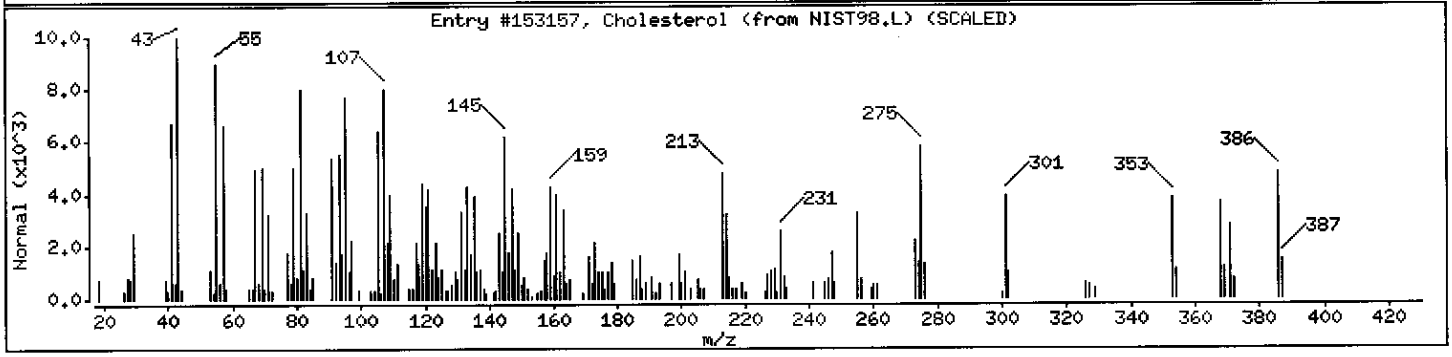
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
26-Nor-5-cholesten-3.beta.-ol-25-one	7494-34-0	NIST98.L	153148	93	C26H4202	386
17-(1,5-Dimethylhexyl)-10,13-dimethyl-2,	1000210-38-4	NIST98.L	153226	87	C27H460	386
Cholesterol	57-88-5	NIST98.L	153157	68	C27H460	386









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Date : 24-AUG-2005 21:40

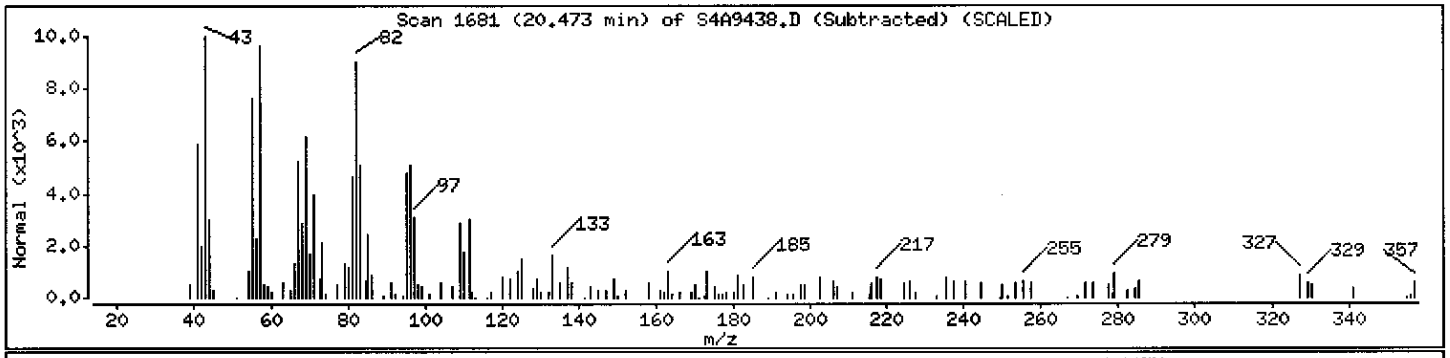
Client ID: SD06-S-0 Instrument: S4.i

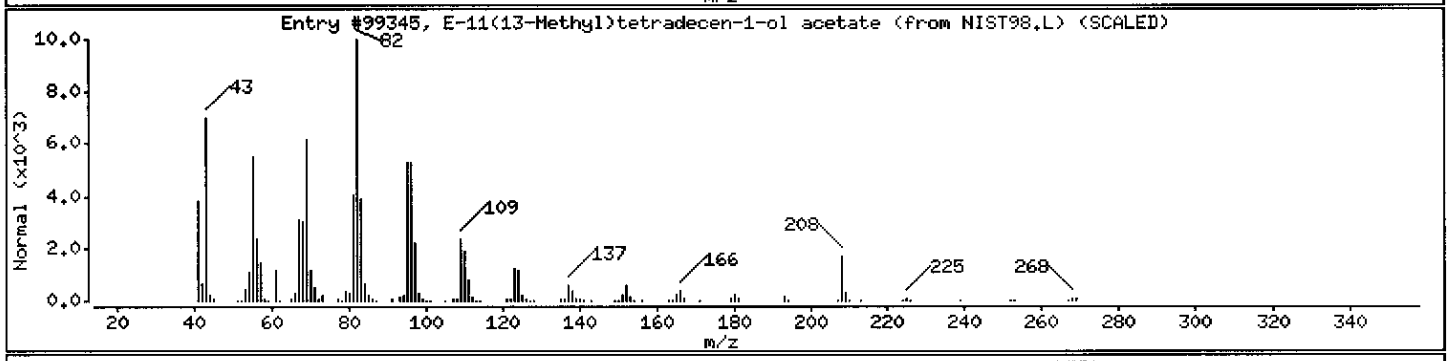
Sample Info: D0926-09A,,19468,,

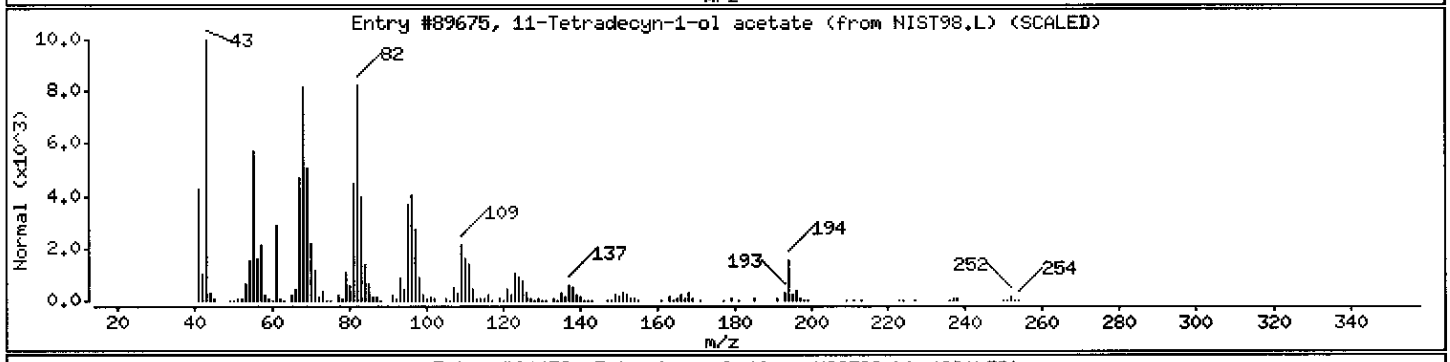
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

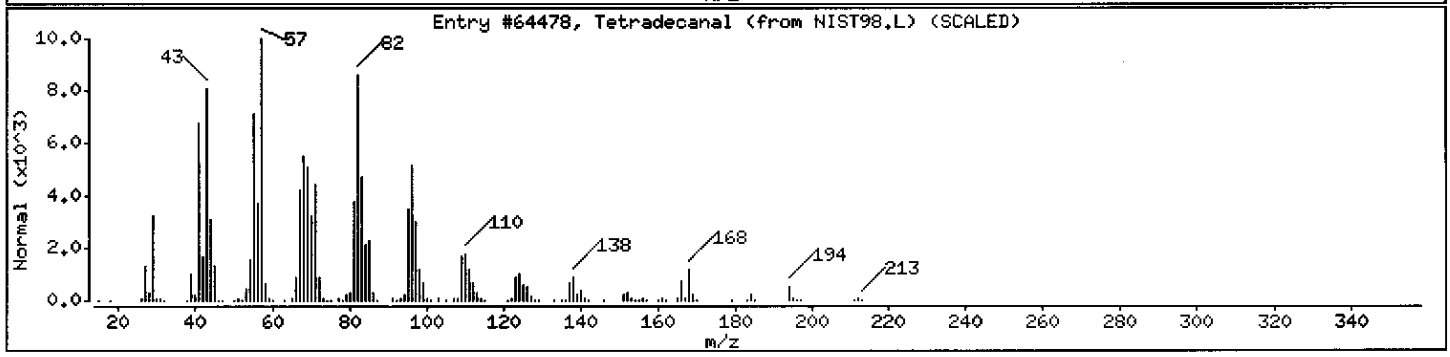
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
E-11(13-Methyl)tetradecen-1-ol acetate	1000130-80-4	NIST98.L	99345	72	C17H32O2	268
11-Tetradecyn-1-ol acetate	33925-72-3	NIST98.L	89675	72	C16H28O2	252
Tetradecanal	124-25-4	NIST98.L	64478	64	C14H28O	212









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Date : 24-AUG-2005 21:40

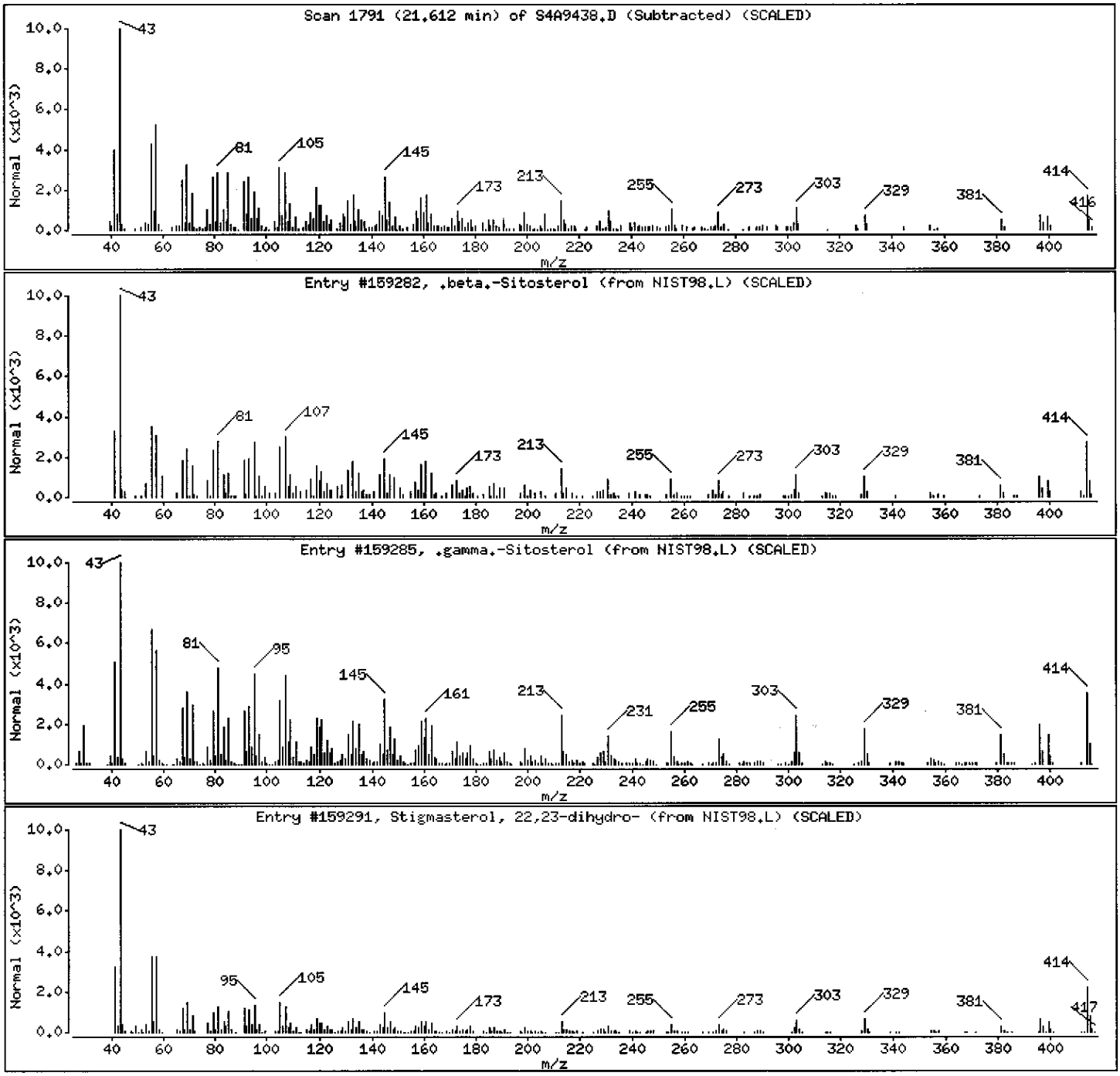
Client ID: SD06-S-0 Instrument: S4.i

Sample Info: D0926-09A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.beta.-Sitosterol	83-46-5	NIST98.L	159282	97	C29H500	414
.gamma.-Sitosterol	83-47-6	NIST98.L	159285	96	C29H500	414
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST98.L	159291	89	C29H500	414



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Date : 24-AUG-2005 21:40

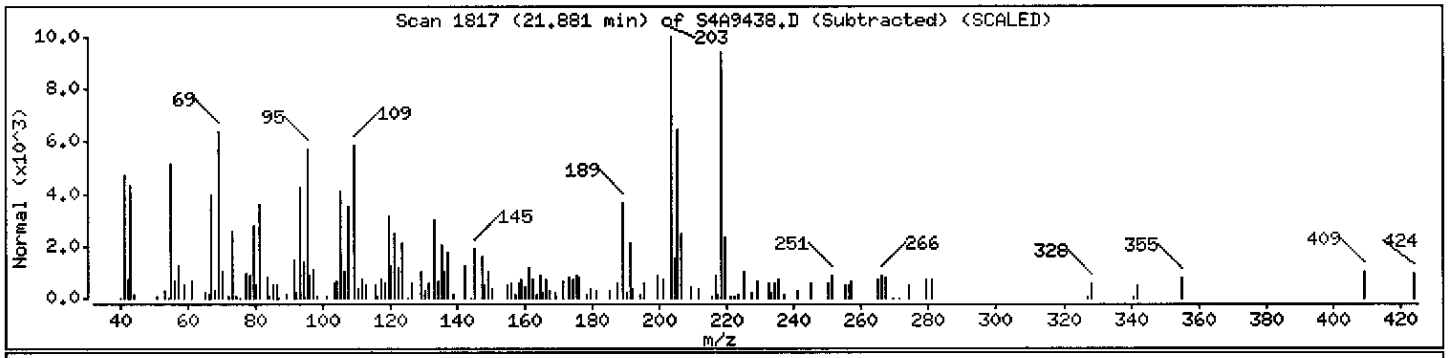
Client ID: SD06-S-0 Instrument: S4.i

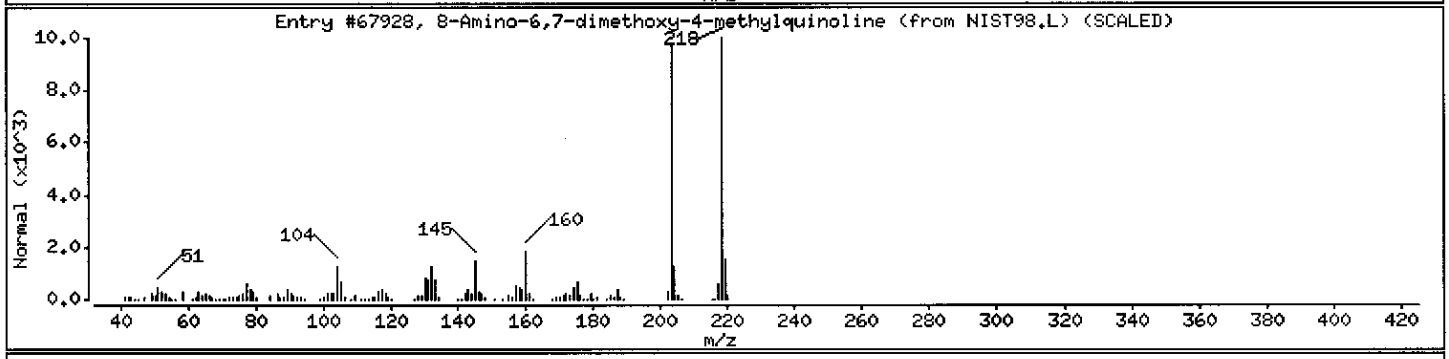
Sample Info: D0926-09A,,19468,,

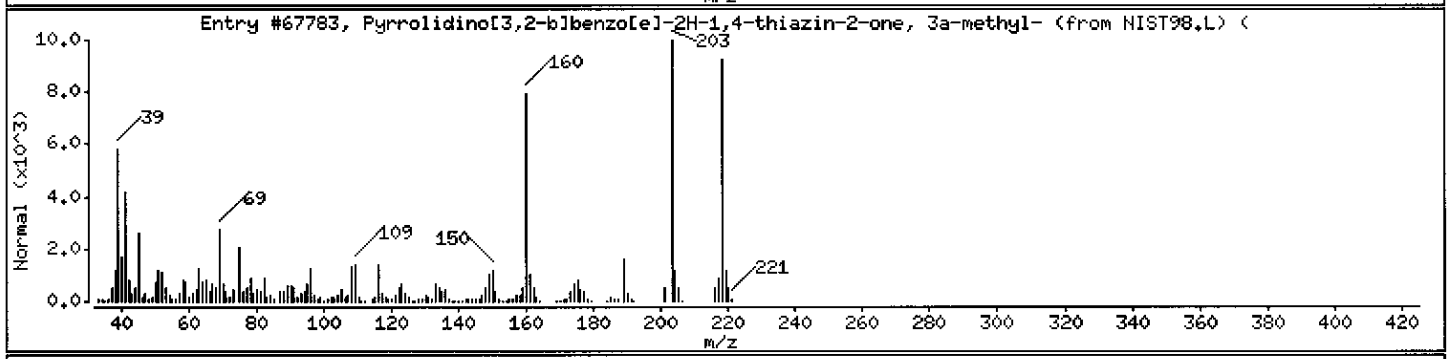
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
8-Amino-6,7-dimethoxy-4-methylquinoline	1000213-07-2	NIST98.L	67928	46	C12H14N2O2	218
Pyrrolidino[3,2-b]benzo[e]-2H-1,4-thiazi	17163-68-7	NIST98.L	67783	43	C11H10N2OS	218







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Date : 24-AUG-2005 21:40

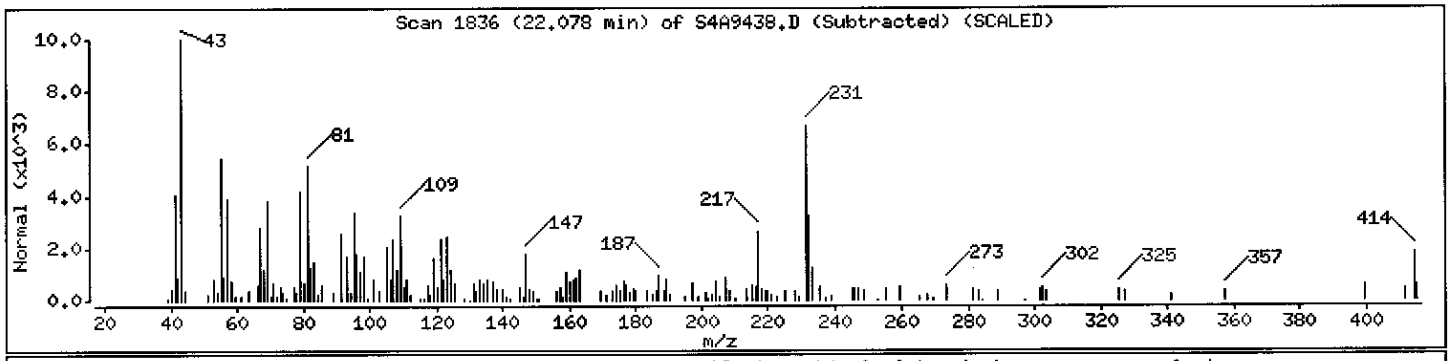
Client ID: SD06-S-0 Instrument: S4.i

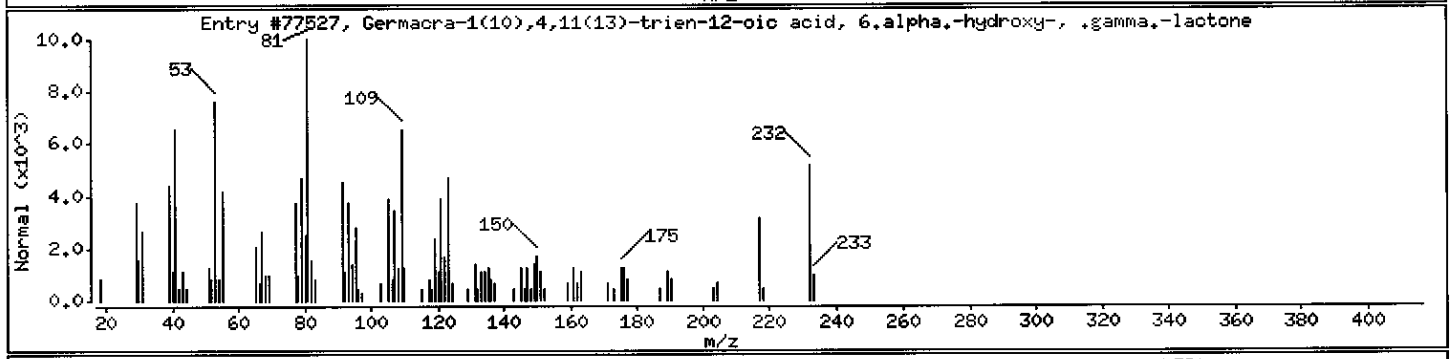
Sample Info: D0926-09A,,19468,,

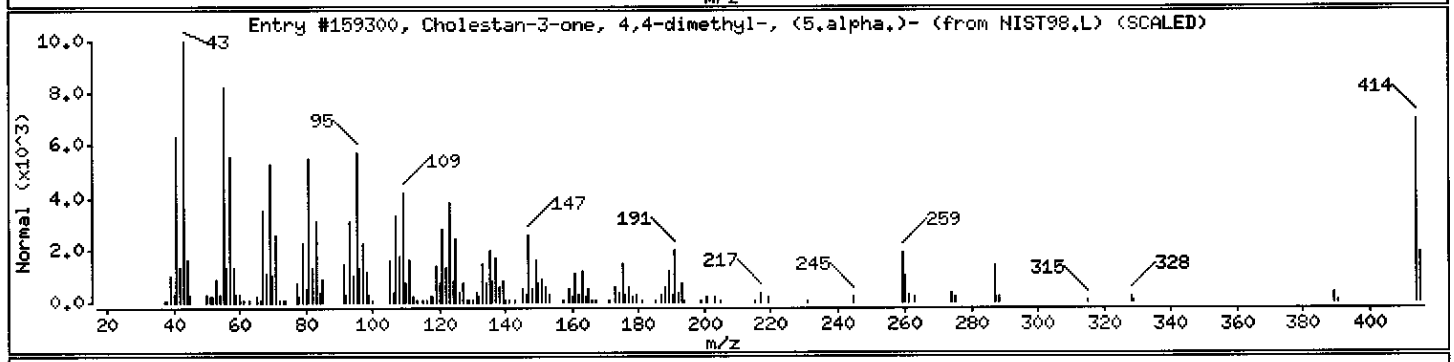
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Germacra-1(10),4,11(13)-trien-12-oic aci	553-21-9	NIST98.L	77527	49	C15H2002	232
Cholestan-3-one, 4,4-dimethyl-, (5.alpha	2097-85-0	NIST98.L	159300	41	C29H500	414







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Date : 24-AUG-2005 21:40

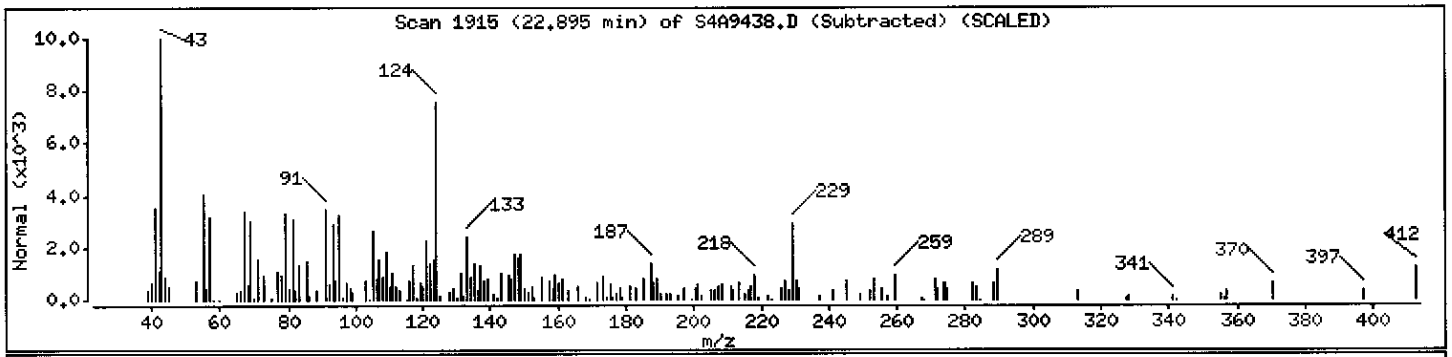
Client ID: SD06-S-0 Instrument: S4.i

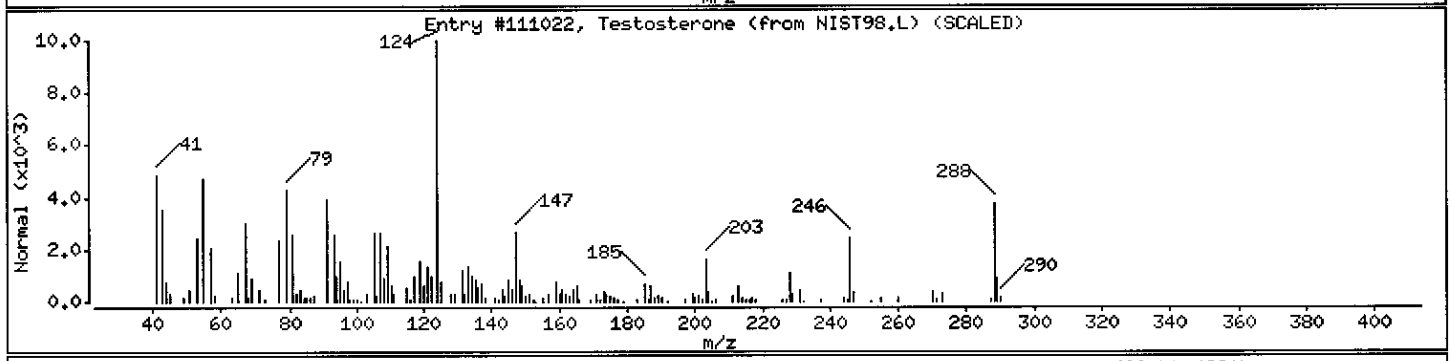
Sample Info: D0926-09A,,19468,,

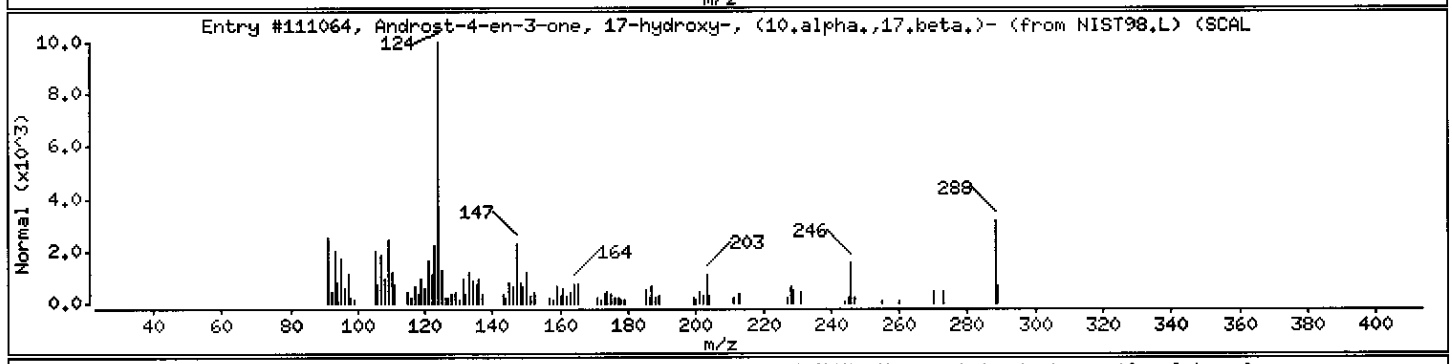
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

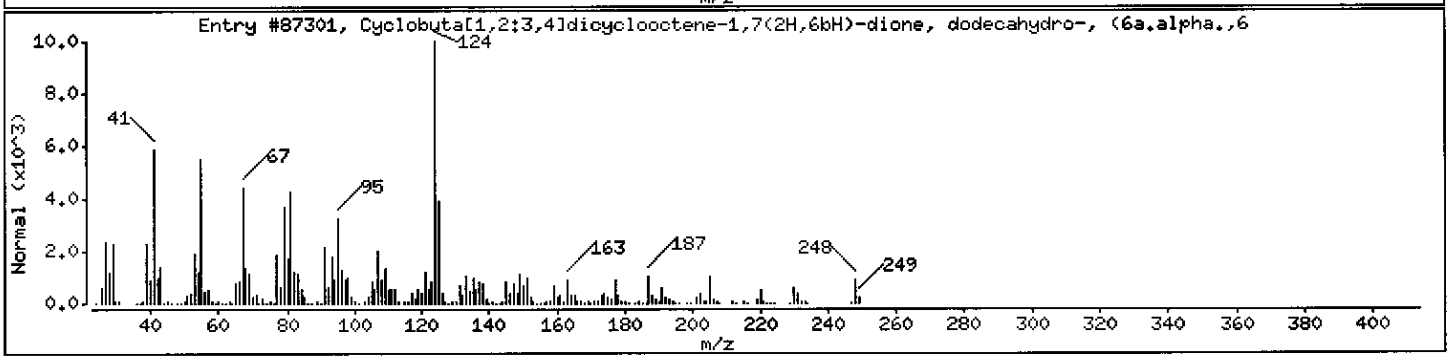
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Testosterone	58-22-0	NIST98.L	111022	70	C19H2802	288
Androst-4-en-3-one, 17-hydroxy-, (10.alp	604-39-7	NIST98.L	111064	45	C19H2802	288
Cyclobuta[1,2:3,4]dicyclooctene-1,7(2H,6	69926-83-6	NIST98.L	87301	43	C16H2402	248









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Date : 24-AUG-2005 21:40

Client ID: SD06-S-0

Instrument: S4.i

Sample Info: D0926-09A,,19468,,

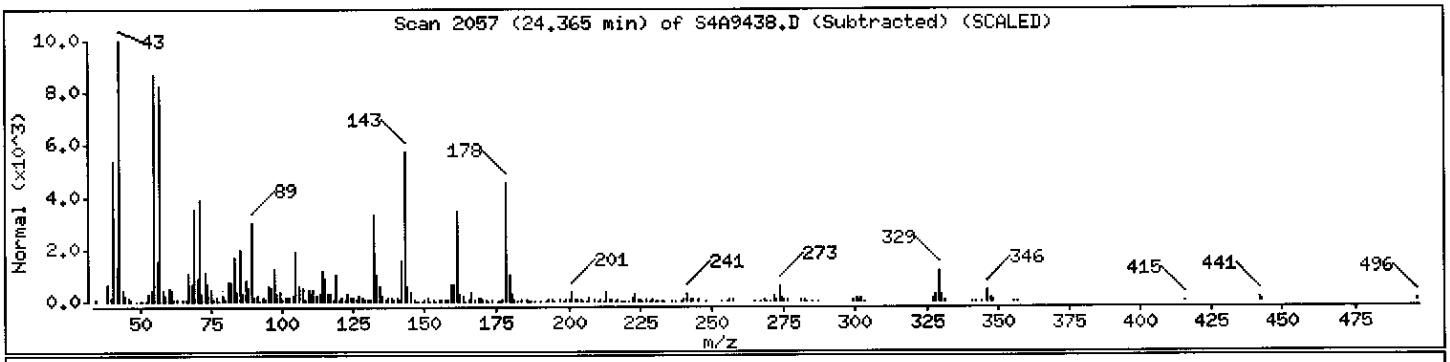
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SD07-S-M

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9441

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	620	U
108-95-2	Phenol	620	U
111-44-4	bis(2-Chloroethyl)Ether	620	U
95-57-8	2-Chlorophenol	620	U
95-48-7	2-Methylphenol	620	U
108-60-1	2,2'-oxybis(1-Chloropropane)	620	U
98-86-2	Acetophenone	620	U
106-44-5	4-Methylphenol	620	U
621-64-7	N-Nitroso-di-n-propylamine	620	U
67-72-1	Hexachloroethane	620	U
98-95-3	Nitrobenzene	620	U
78-59-1	Isophorone	620	U
88-75-5	2-Nitrophenol	620	U
105-67-9	2,4-Dimethylphenol	620	U
111-91-1	bis(2-Chloroethoxy)methane	620	U
120-83-2	2,4-Dichlorophenol	620	U
91-20-3	Naphthalene	77	J
106-47-8	4-Chloroaniline	620	U
87-68-3	Hexachlorobutadiene	620	U
105-60-2	Caprolactam	620	U
59-50-7	4-Chloro-3-Methylphenol	620	U
91-57-6	2-Methylnaphthalene	67	J
77-47-4	Hexachlorocyclopentadiene	620	U
88-06-2	2,4,6-Trichlorophenol	620	U
95-95-4	2,4,5-Trichlorophenol	1600	U
92-52-4	1,1'-Biphenyl	620	U
91-58-7	2-Chloronaphthalene	620	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	620	U
606-20-2	2,6-Dinitrotoluene	620	U
208-96-8	Acenaphthylene	120	J
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	360	J

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SD07-S-M

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9441

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	240	J
121-14-2	2,4-Dinitrotoluene	620	U
84-66-2	Diethylphthalate	620	U
86-73-7	Fluorene	390	J
7005-72-3	4-Chlorophenyl-phenylether	620	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	620	U
101-55-3	4-Bromophenyl-phenylether	620	U
118-74-1	Hexachlorobenzene	620	U
1912-24-9	Atrazine	620	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	4600	
120-12-7	Anthracene	1000	
86-74-8	Carbazole	530	J
84-74-2	Di-n-butylphthalate	2600	
206-44-0	Fluoranthene	5300	E
129-00-0	Pyrene	3800	
85-68-7	Butylbenzylphthalate	620	U
91-94-1	3,3'-Dichlorobenzidine	620	U
56-55-3	Benzo(a)anthracene	2300	
218-01-9	Chrysene	1900	
117-81-7	bis(2-Ethylhexyl)phthalate	90	JB
117-84-0	Di-n-octylphthalate	620	U
205-99-2	Benzo(b)fluoranthene	2500	
207-08-9	Benzo(k)fluoranthene	890	
50-32-8	Benzo(a)pyrene	1900	
193-39-5	Indeno(1,2,3-cd)pyrene	900	
53-70-3	Dibenzo(a,h)anthracene	310	J
191-24-2	Benzo(g,h,i)perylene	950	

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD07-S-M

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9441

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

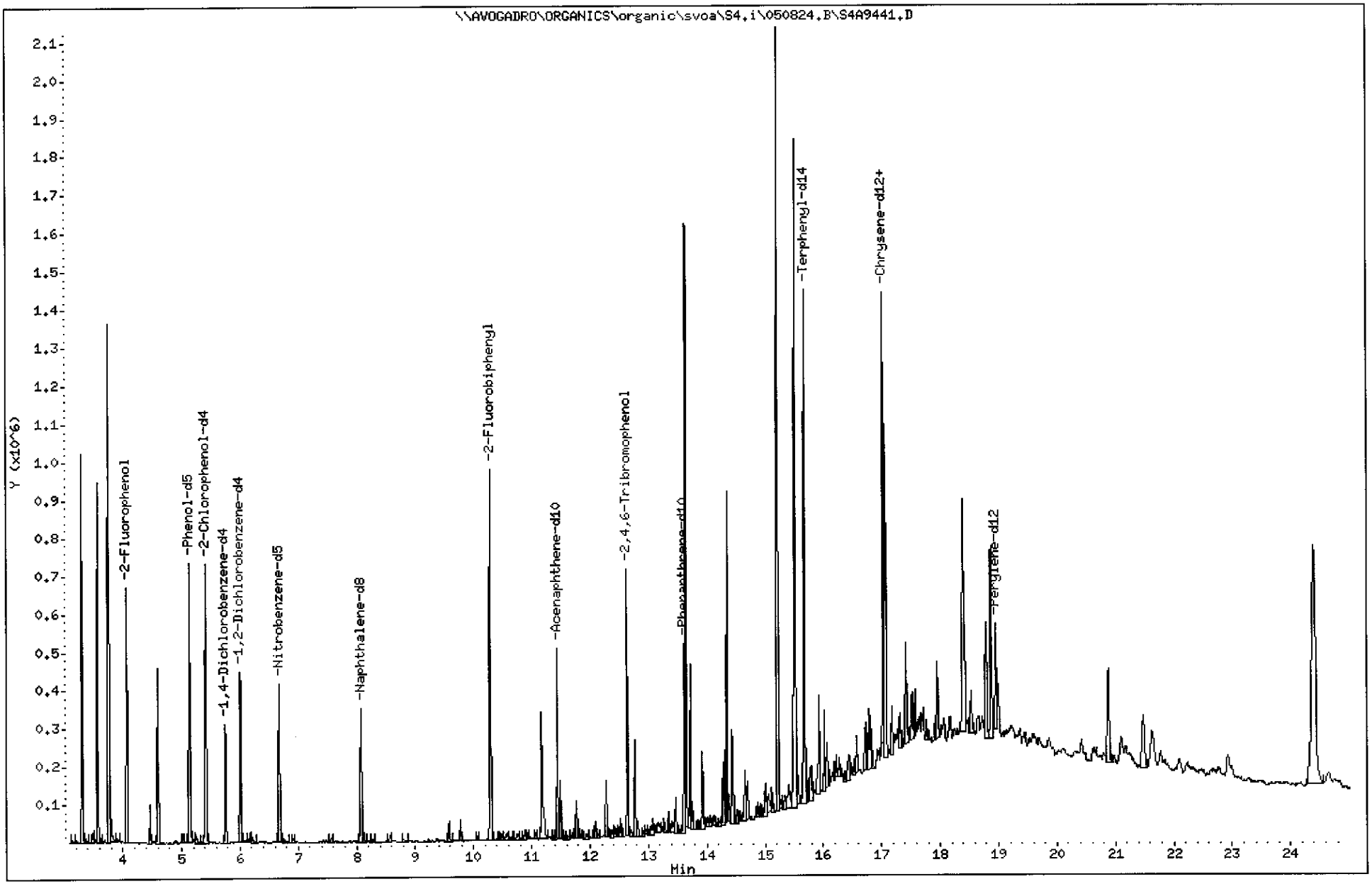
Number TICs found: 30

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	9.78	170	J
2.	872-05-9	1-DECENE	11.17	1400	NJ
3.		UNKNOWN	12.09	150	J
4.		UNKNOWN	12.81	180	J
5.		UNKNOWN	13.07	180	J
6.		UNKNOWN	13.18	170	J
7.		UNKNOWN	13.40	150	J
8.	132-65-0	DIBENZOTHIOPHENE	13.47	300	NJ
9.	230-27-3	BENZO[H]QUINOLINE	13.76	170	NJ
10.		UNKNOWN	14.28	520	J
11.	2531-84-2	PHENANTHRENE, 2-METHYL-	14.32	680	NJ
12.		UNKNOWN	14.38	210	J
13.		UNKNOWN	14.43	1000	J
14.	35465-71-5	2-PHENYLNAPHTHALENE	14.67	480	NJ
15.	84-65-1	9,10-ANTHRACENEDIONE	14.70	280	NJ
16.	781-92-0	ANTHRACENE, 1,4-DIMETHYL-	15.00	400	NJ
17.		UNKNOWN	15.05	220	J
18.	132545-36-9	1-METHYL-4-ETHYL 2-PHENYLSUC	15.11	220	NJ
19.	2381-21-7	PYRENE, 1-METHYL-	15.80	150	NJ
20.	33543-31-6	FLUORANTHENE, 2-METHYL-	15.93	320	NJ
21.	243-17-4	11H-BENZO[B]FLUORENE	16.01	160	NJ
22.		UNKNOWN	16.06	130	J
23.	239-35-0	BENZO[B]NAPHTHO[2,1-D]THIOPH	16.72	130	NJ
24.		UNKNOWN	16.79	200	J
25.		UNKNOWN	17.17	130	J
26.		UNKNOWN	17.42	260	J
27.	6111-78-0	BENZ[A]ANTHRACENE, 11-METHYL	17.52	140	NJ
28.	112-84-5	13-DOCOSENAMIDE, (Z)-	17.96	200	NJ
29.	192-97-2	BENZO[E]PYRENE	18.53	440	NJ
30.		UNKNOWN	24.40	7100	JB

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D
Date : 24-AUG-2005 23:23
Client ID: SD07-S-M
Sample Info: D0926-07A,,19468,,
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S4.i
Operator: AW SRC: LIMS
Column diameter: 0.25



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Data File: S4A9441.D
Report Date: 31-Aug-2005 14:01

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D
Lab Smp Id: D0926-07A Client Smp ID: SD07-S-M
Inj Date : 24-AUG-2005 23:23
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-07A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D ✓
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	47.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	4.069	4.048	(0.707)	170358	99.6480	3100
$	3 Phenol-d5	99	5.145	5.135	(0.894)	259171	106.095	3300
$	6 2-Chlorophenol-d4	132	5.414	5.414	(0.941)	219300	106.422	3300
*	8 1,4-Dichlorobenzene-d4	152	5.756	5.755	(1.000)	61474	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	6.014	6.004	(1.045)	88699	62.1918	2000
$	16 Nitrobenzene-d5	82	6.677	6.677	(0.827)	200307	73.2015	2300
*	23 Naphthalene-d8	136	8.074	8.074	(1.000)	238422	40.0000	
	24 Naphthalene	128	8.126	8.126	(1.006)	14592	2.45173	77(a)
	29 2-Methylnaphthalene	142	9.585	9.585	(1.187)	8707	2.11560	67(a)
$	33 2-Fluorobiphenyl	172	10.289	10.289	(0.900)	364846	84.4974	2700
	39 Acenaphthylene	152	11.210	11.210	(0.980)	20980	3.75927	120(a)
*	41 Acenaphthene-d10	164	11.438	11.438	(1.000)	125673	40.0000	
	42 Acenaphthene	153	11.490	11.490	(1.005)	41237	11.3871	360(a)

Data File: S4A9441.D
Report Date: 31-Aug-2005 14:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
	45 Dibenzofuran	168	11.759	11.759	(1.028)	40117	7.63036	240(a)
	48 Fluorene	166	12.287	12.287	(1.074)	58658	12.2958	390(a)
$	53 2,4,6-Tribromophenol	330	12.638	12.628	(0.929)	77018	149.839	4700
*	58 Phenanthrene-d10	188	13.611	13.611	(1.000)	195603	40.0000	
	59 Phenanthrene	178	13.653	13.642	(1.003)	853735	147.335	4600
	60 Anthracene	178	13.715	13.715	(1.008)	184645	33.3636	1000
	61 Carbazole	167	13.922	13.922	(1.023)	82590	16.9983	530(a)
	62 Di-n-butylphthalate	149	14.357	14.346	(1.055)	569665	82.1029	2600
	63 Fluoranthene	202	15.216	15.205	(1.118)	999993	169.160	5300(A)
	64 Pyrene	202	15.516	15.505	(0.911)	789147	121.008	3800
$	65 Terphenyl-d14	244	15.681	15.671	(0.920)	397756	84.2609	2600
	68 Benzo(a)anthracene	228	17.027	17.017	(0.999)	426069	71.9871	2300
*	69 Chrysene-d12	240	17.037	17.027	(1.000)	187824	40.0000	
	70 Chrysene	228	17.068	17.068	(1.002)	337820	60.9642	1900
	71 bis(2-Ethylhexyl)phthalate	149	16.965	16.954	(0.996)	13797	2.84968	90(a)
	73 Benzo(b)fluoranthene	252	18.393	18.372	(0.971)	435328	78.7010	2500(M)
	74 Benzo(k)fluoranthene	252	18.414	18.414	(0.972)	166009	28.4552	890(QM)
	75 Benzo(a)pyrene	252	18.880	18.859	(0.996)	283811	61.7480	1900
*	76 Perylene-d12	264	18.952	18.942	(1.000)	144484	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	20.888	20.877	(1.102)	163804	28.7357	900
	78 Dibenzo(a,h)anthracene	278	20.888	20.877	(1.102)	48600	9.86903	310(a)
	79 Benzo(g,h,i)perylene	276	21.467	21.457	(1.133)	134026	30.0561	950

) M2
08/31/07
AW

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

08/31/07
AW

Data File: S4A9441.D
Report Date: 31-Aug-2005 14:01

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D
Lab Smp Id: D0926-07A Client Smp ID: SD07-S-M
Inj Date : 24-AUG-2005 23:23
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-07A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	47.000	% Moisture

ISTD	RT	AREA	AMOUNT
* 41 Acenaphthene-d10	11.438	617338	40.000
* 58 Phenanthrene-d10	13.611	603967	40.000
* 69 Chrysene-d12	17.037	1901720	40.000
* 76 Perylene-d12	18.952	514943	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9441.D
Report Date: 31-Aug-2005 14:01

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
9.782	82412	5.33983004	170	0		0	41
1-Decene				CAS #:	872-05-9		
11.169	708869	45.9306895	1400	94	NIST98.L	17264	41
Unknown				CAS #:			
12.090	74144	4.80411055	150	0		0	41
Cyclic Alkane				CAS #:			
12.763	247493	16.3911604	520	0		0	58
Unknown				CAS #:			
12.814	87134	5.77077887	180	0		0	58
Unknown				CAS #:			
13.073	86923	5.75680459	180	0		0	58
Unknown				CAS #:			
13.177	82952	5.49381009	170	0		0	58
Unknown				CAS #:			
13.404	70117	4.64376365	150	0		0	58
Dibenzothiophene				CAS #:	132-65-0		
13.466	141683	9.38349281	300	96	NIST98.L	45492	58
Benzo[h]quinoline				CAS #:	230-27-3		
13.756	79642	5.27459282	170	93	NIST98.L	41991	58
Unknown				CAS #:			
14.284	251539	16.6591221	520	0		0	58
Phenanthrene, 2-methyl-				CAS #:	2531-84-2		
14.315	324225	21.4730275	680	96	NIST98.L	50627	58
Unknown				CAS #:			
14.377	101697	6.73526865	210	0		0	58
Unknown				CAS #:			
14.429	488948	32.3824315	1000	0		0	58
2-Phenylnaphthalene				CAS #:	35465-71-5		
14.667	229044	15.1693056	480	93	NIST98.L	58952	58

Data File: S4A9441.D
Report Date: 31-Aug-2005 14:01

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
9,10-Anthracenedione					CAS #: 84-65-1		
14.698	133557	8.84531771	280	98	NIST98.L	61654	58
Anthracene, 1,4-dimethyl-					CAS #: 781-92-0		
14.998	190949	12.6463201	400	91	NIST98.L	60344	58
Unknown					CAS #:		
15.050	105350	6.97720240	220	0		0	58
1-Methyl-4-ethyl 2-phenylsuccinate					CAS #: 132545-36-9		
15.112	105444	6.98342790	220	89	NIST98.L	79573	58
Pyrene, 1-methyl-					CAS #: 2381-21-7		
15.795	233722	4.91601287	150	93	NIST98.L	67023	69
Fluoranthene, 2-methyl-					CAS #: 33543-31-6		
15.930	489686	10.2998549	320	94	NIST98.L	67036	69
11H-Benzo[b]fluorene					CAS #: 243-17-4		
16.013	246357	5.18177229	160	87	NIST98.L	67030	69
Unknown					CAS #:		
16.064	198383	4.17270681	130	0		0	69
Benzo[b]naphtho[2,1-d]thiophene					CAS #: 239-35-0		
16.716	190681	4.01070610	130	87	NIST98.L	78650	69
Unknown					CAS #:		
16.789	305773	6.43150411	200	0		0	69
Unknown					CAS #:		
17.172	195914	4.12077488	130	0		0	69
Unknown					CAS #:		
17.420	387153	8.14321772	260	0		0	69
Benz[a]anthracene, 11-methyl-					CAS #: 6111-78-0		
17.524	211785	4.45459899	140	90	NIST98.L	83870	69
13-Docosenamide, (Z)-					CAS #: 112-84-5		
17.958	300001	6.31009823	200	94	NIST98.L	135943	69
Benzo[e]pyrene					CAS #: 192-97-2		
18.528	179638	13.9540104	440	97	NIST98.L	89816	76

Data File: S4A9441.D
Report Date: 31-Aug-2005 14:01

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Unknown				CAS #:			
24.396	2899055	225.194245	7100	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0

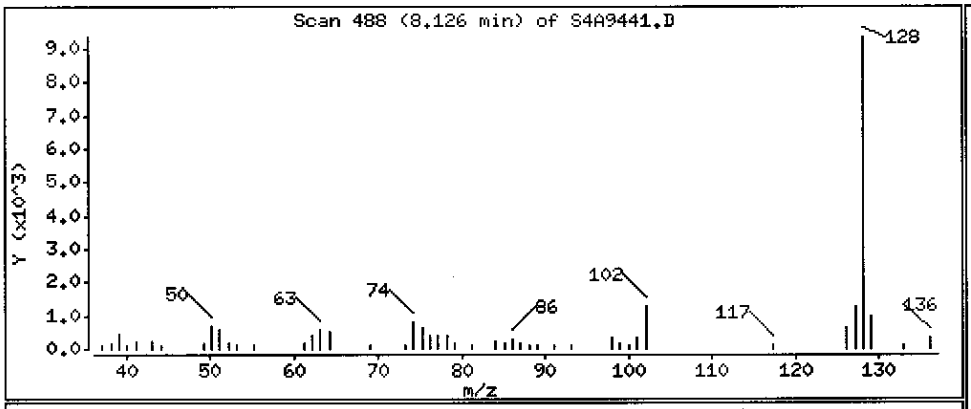
Operator: AW SRC: LIMS

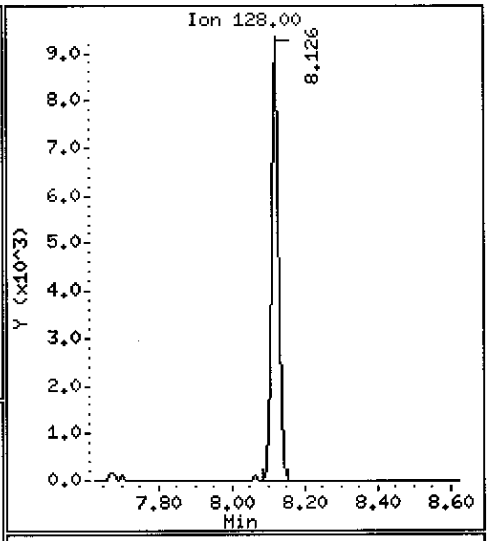
Column phase: DB-5MS

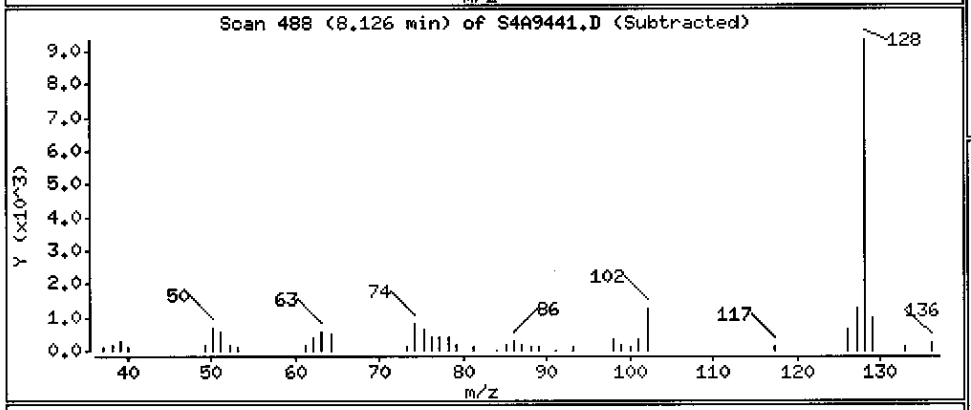
Column diameter: 0.25

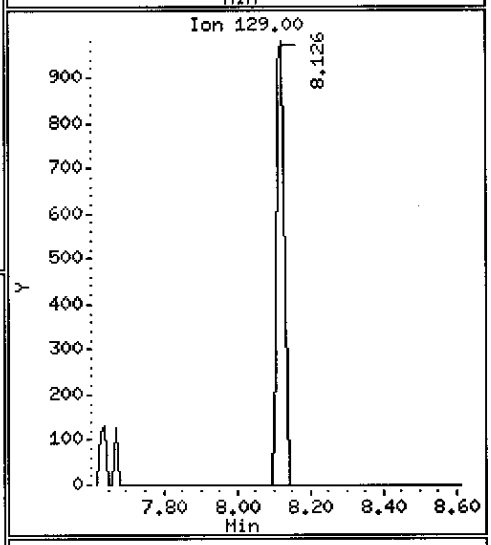
24 Naphthalene

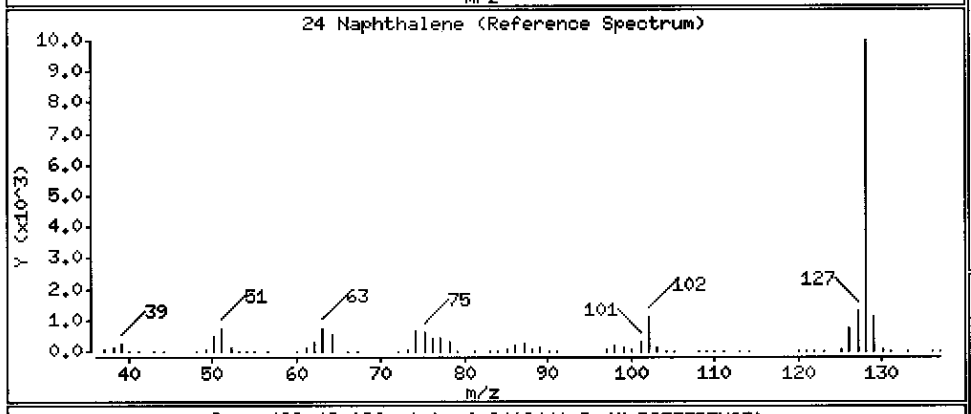
Concentration: 77 ug/Kg

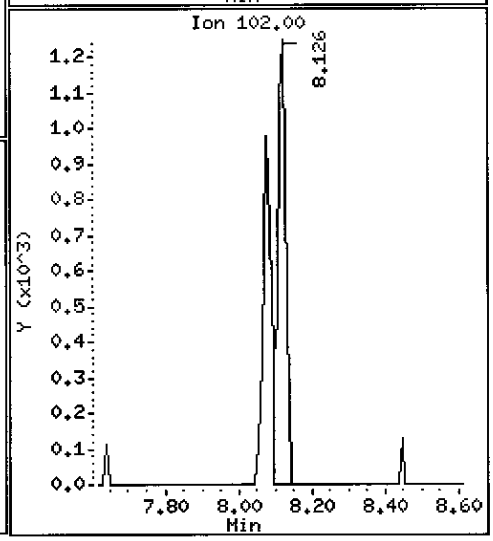


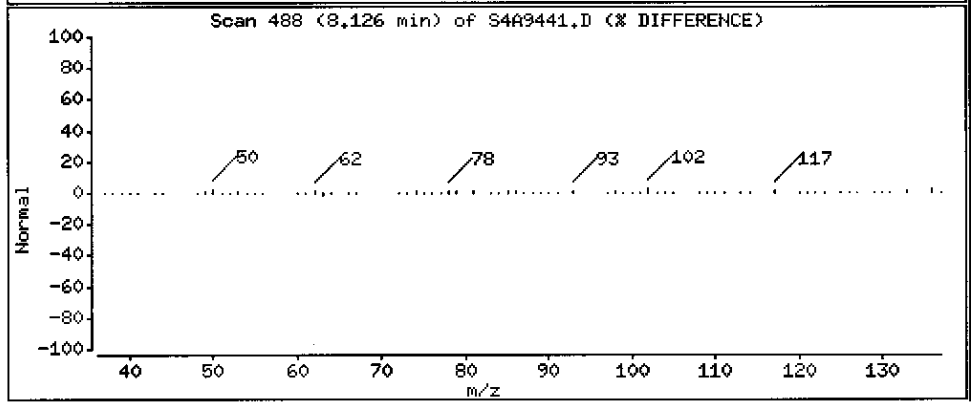












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0

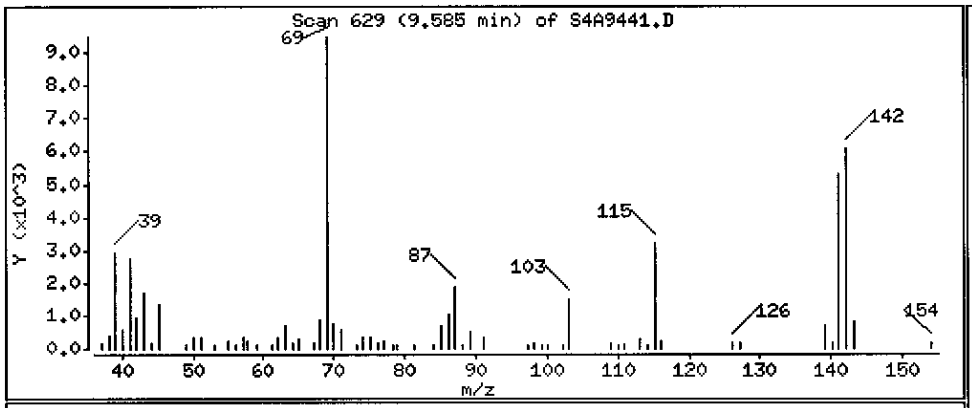
Operator: AW SRC: LIMS

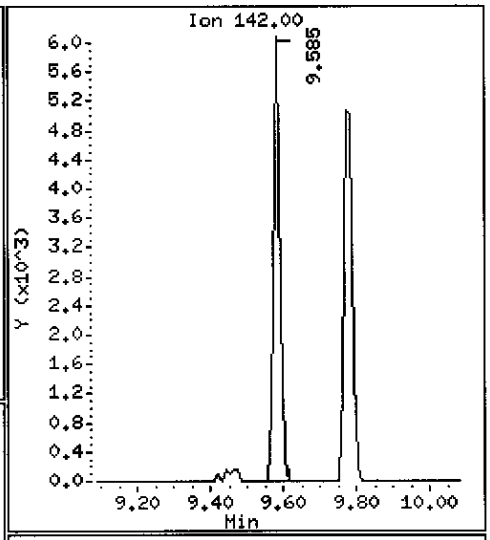
Column phase: DB-5MS

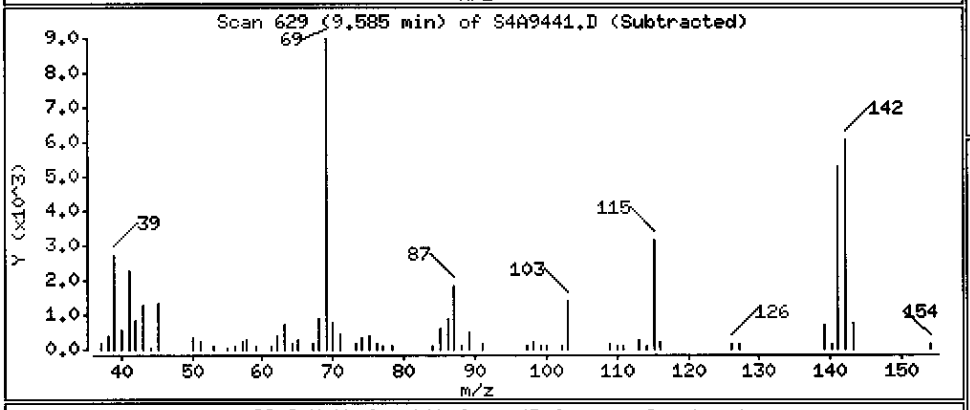
Column diameter: 0.25

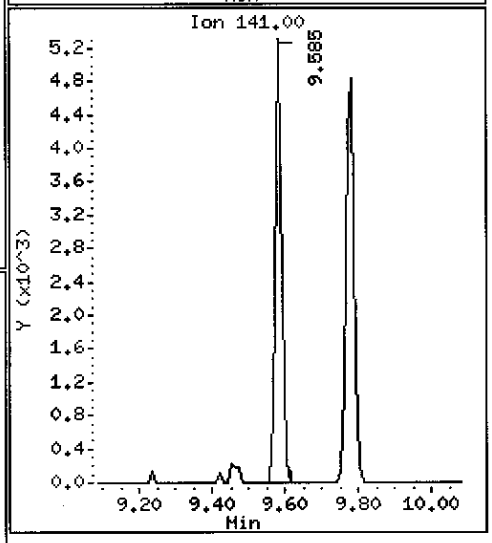
29 2-Methylnaphthalene

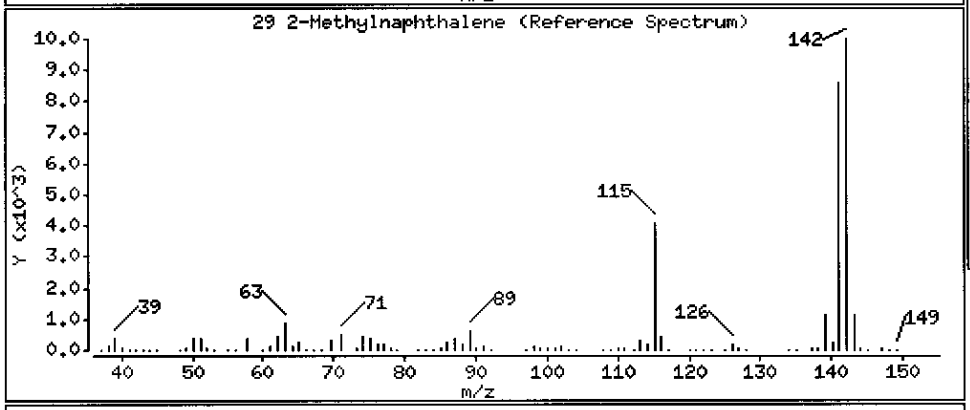
Concentration: 67 ug/Kg

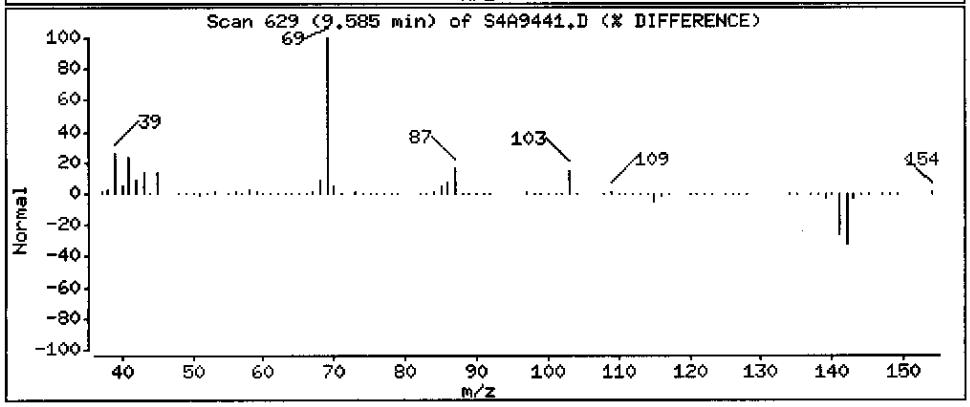












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0

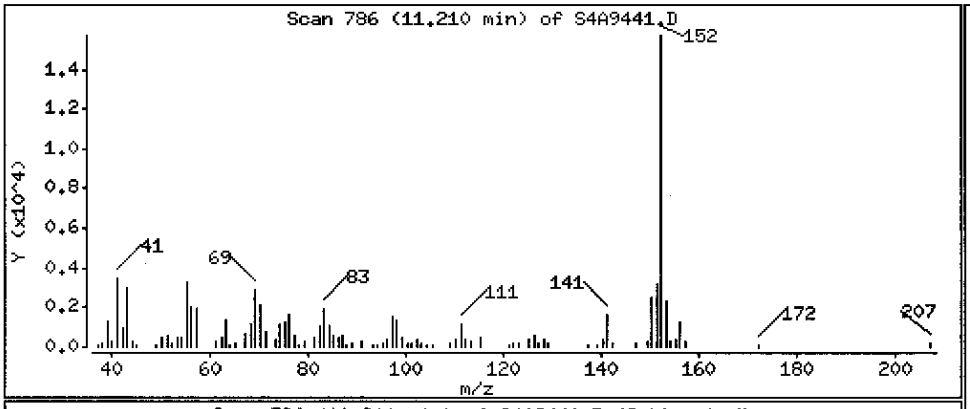
Operator: AW SRC: LIMS

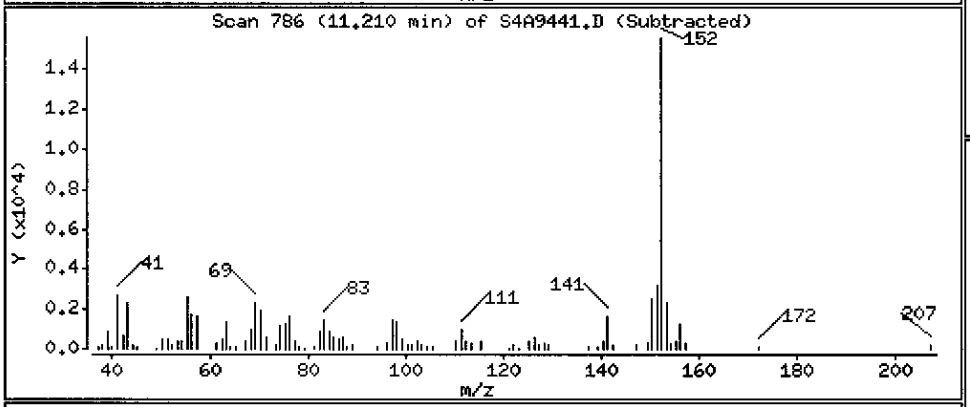
Column phase: DB-5MS

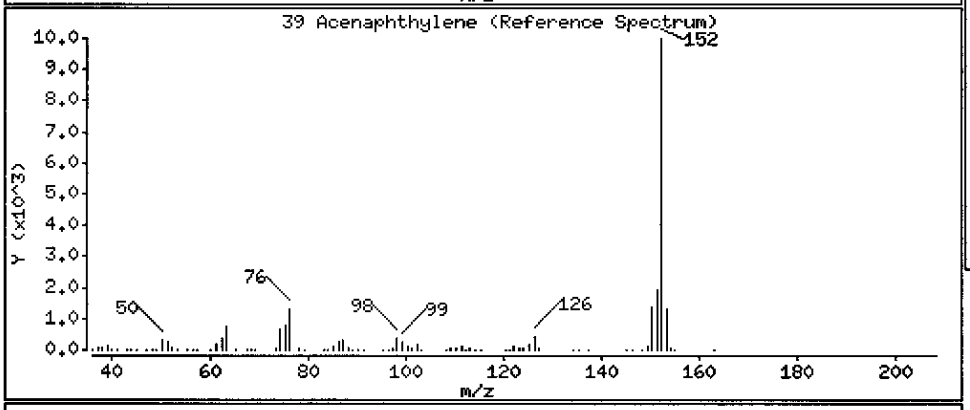
Column diameter: 0.25

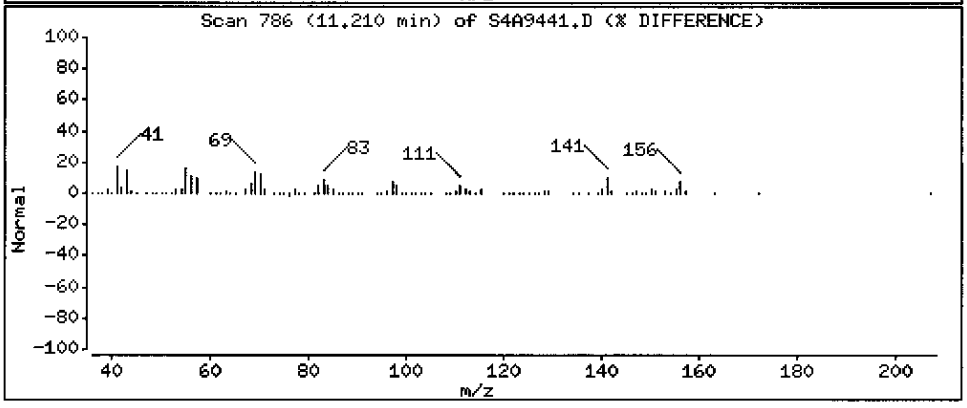
39 Acenaphthylene

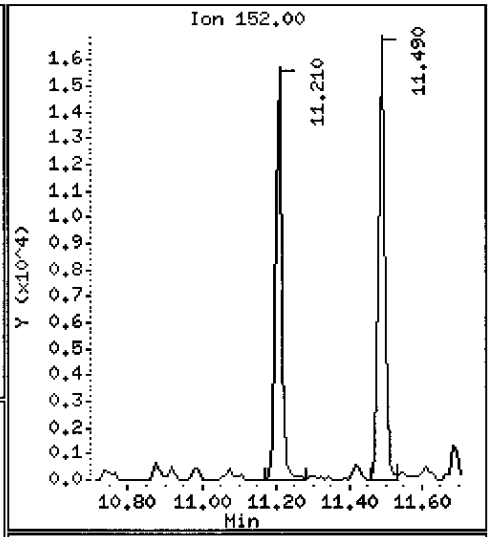
Concentration: 120 ug/Kg

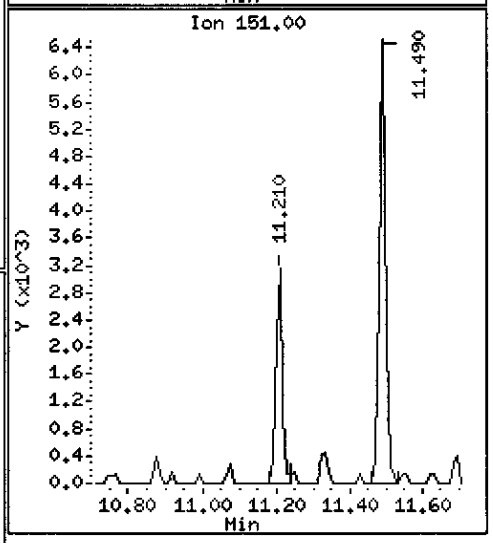












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0

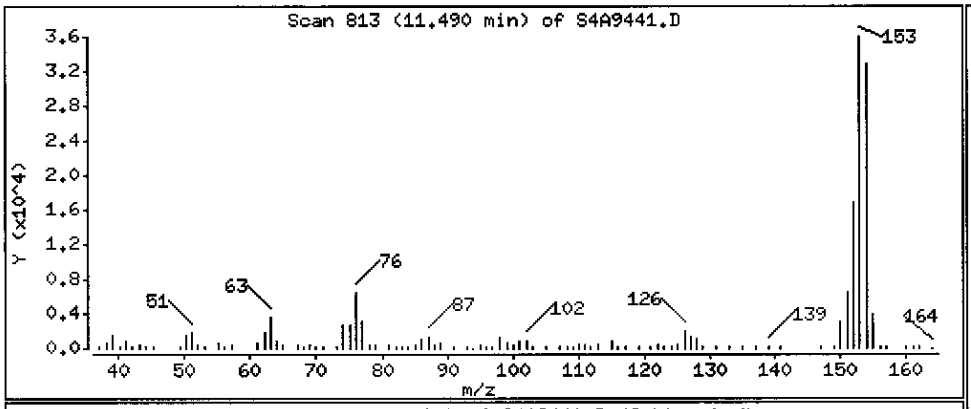
Operator: AW SRC: LIMS

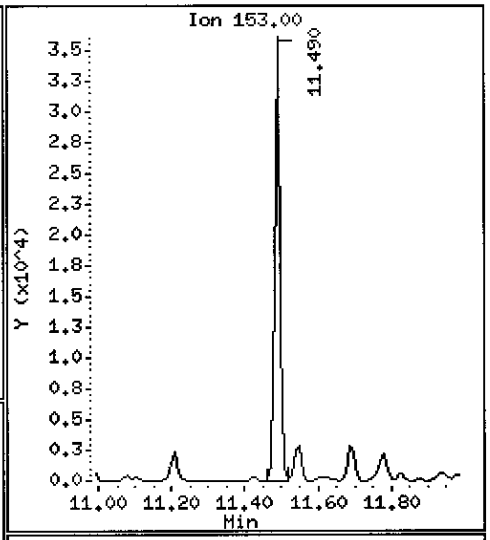
Column phase: DB-5MS

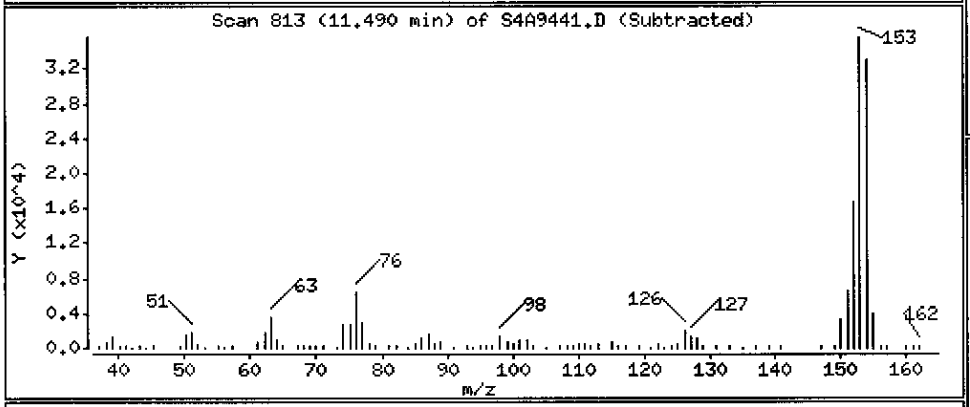
Column diameter: 0.25

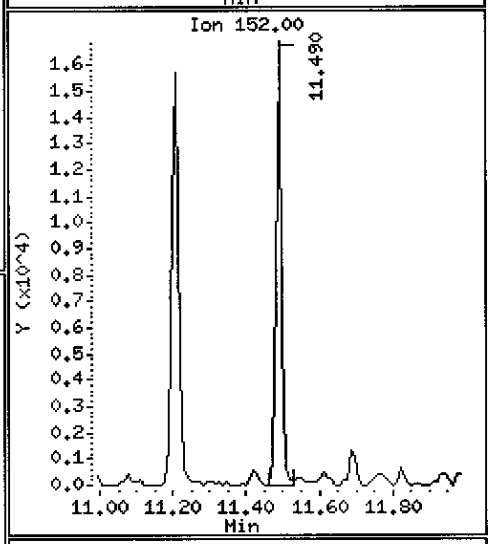
42 Acenaphthene

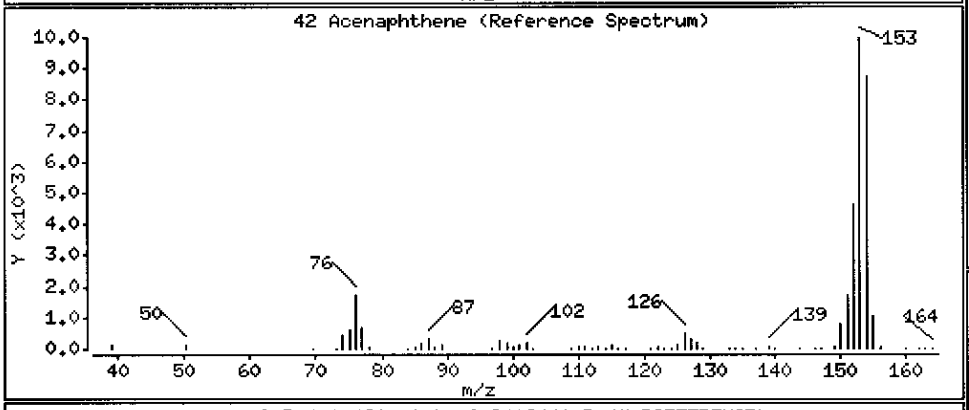
Concentration: 360 ug/Kg

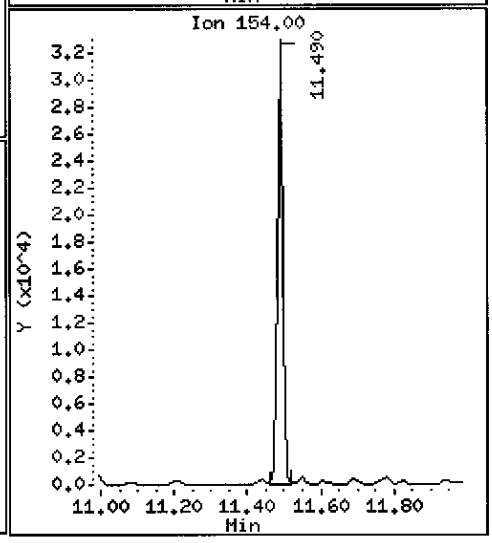


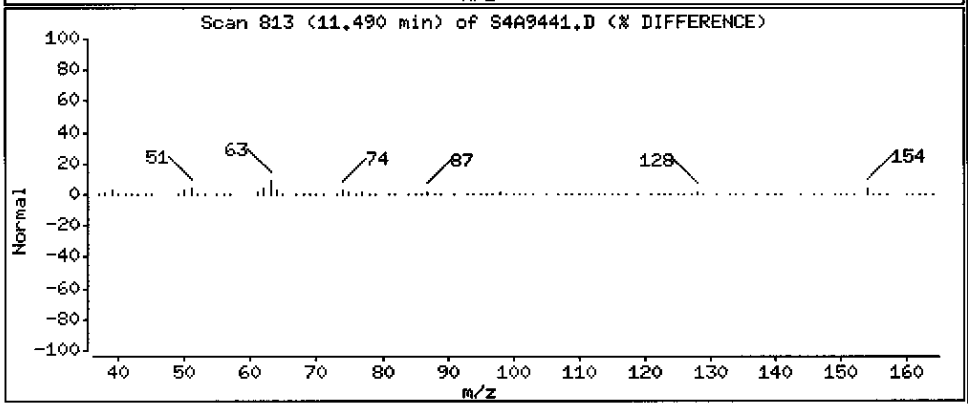












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0

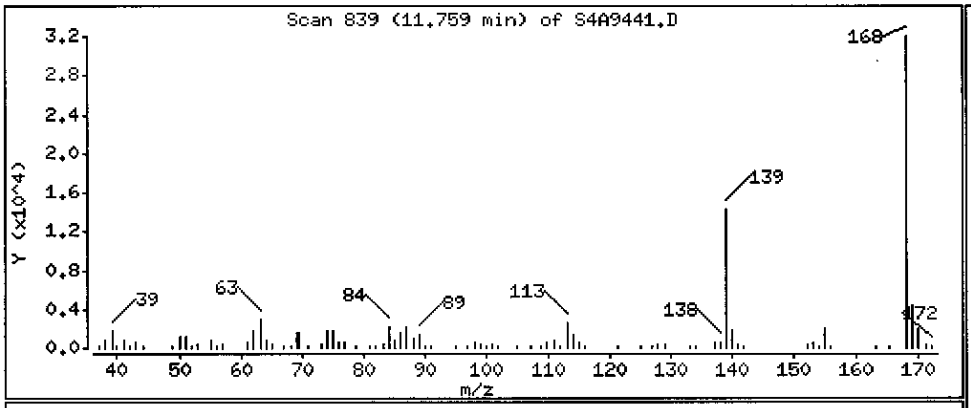
Operator: AW SRC: LIMS

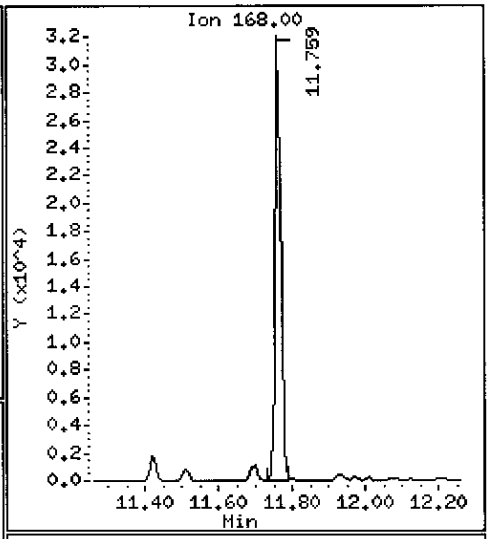
Column phase: DB-5MS

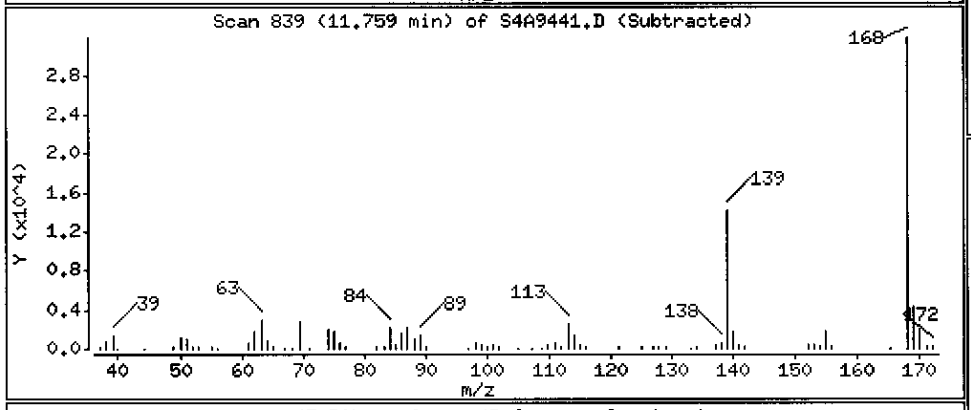
Column diameter: 0.25

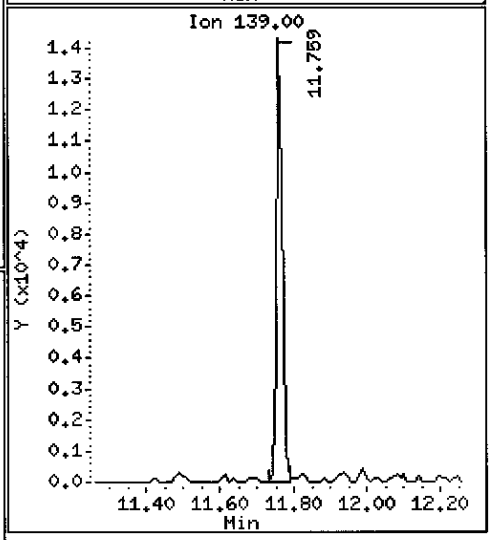
45 Dibenzofuran

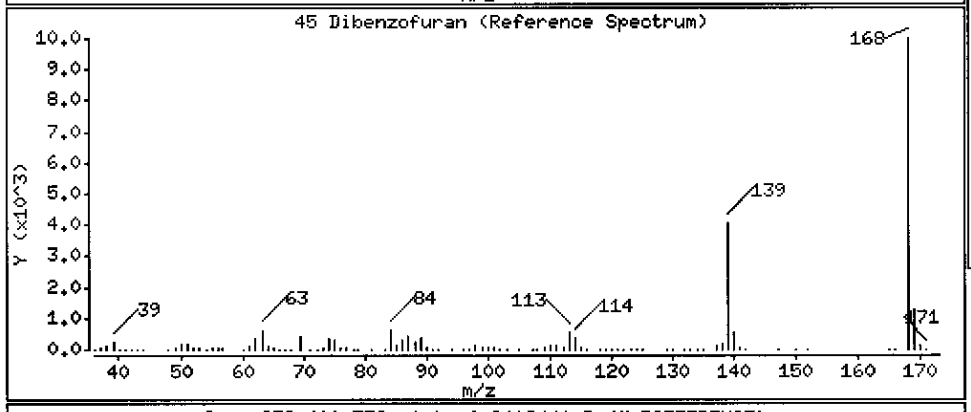
Concentration: 240 ug/Kg

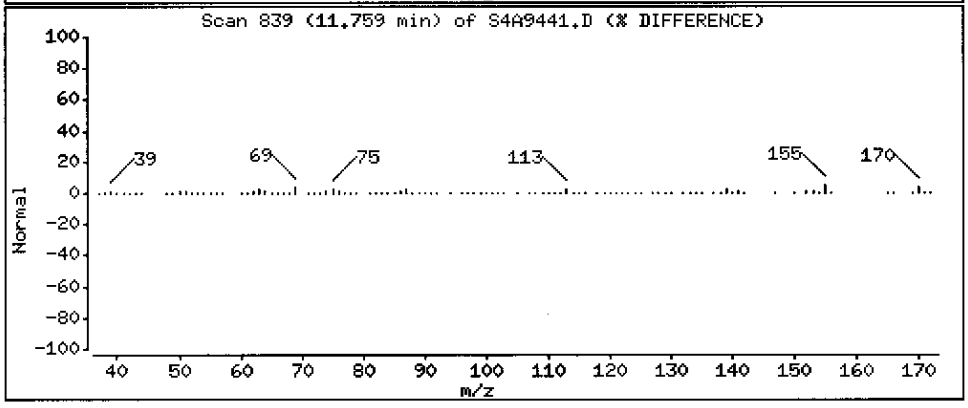












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0

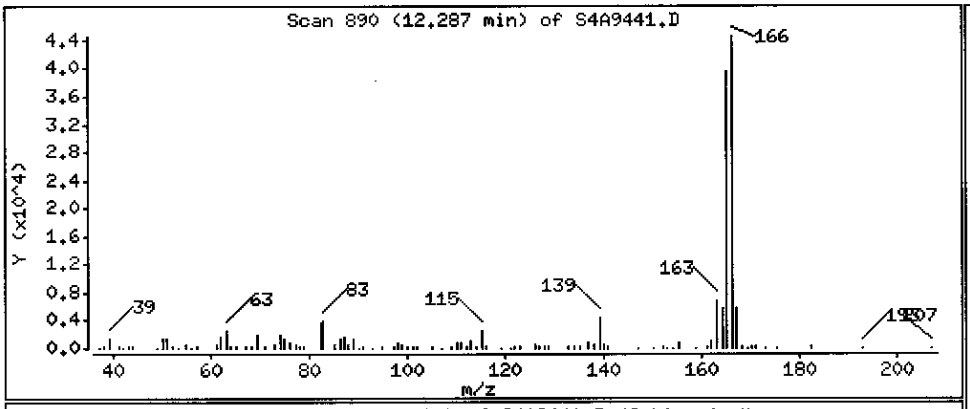
Operator: AW SRC: LIMS

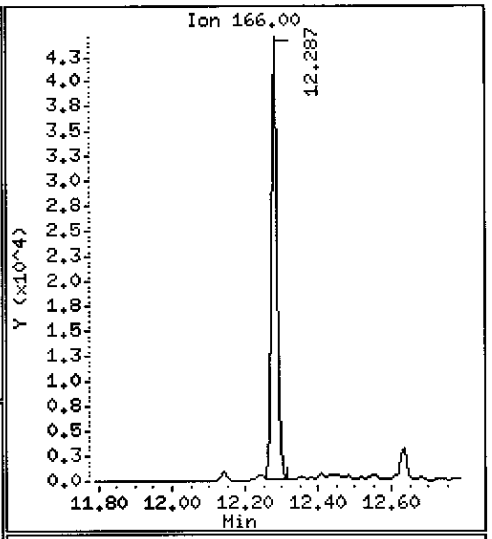
Column phase: DB-5MS

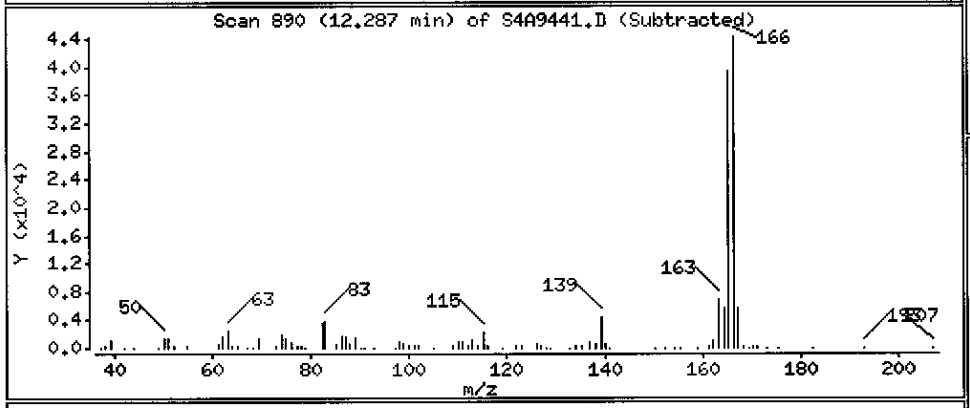
Column diameter: 0.25

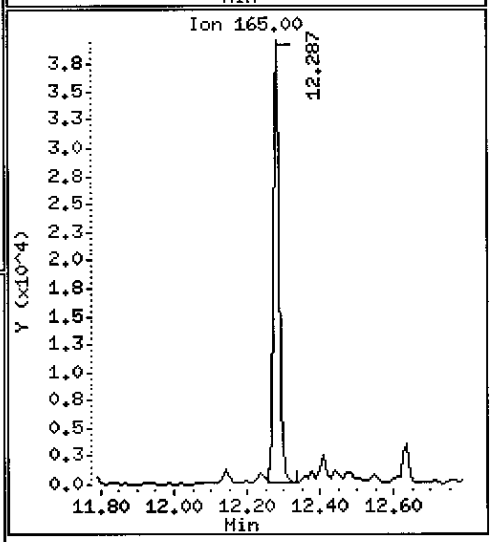
48 Fluorene

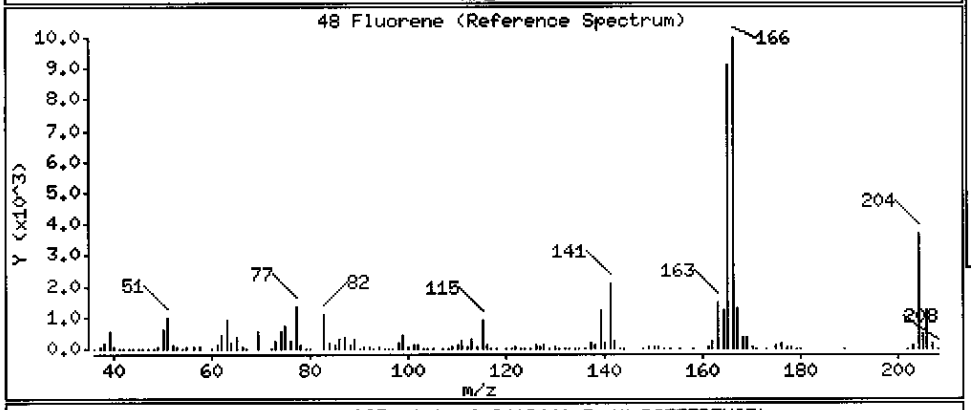
Concentration: 390 ug/Kg

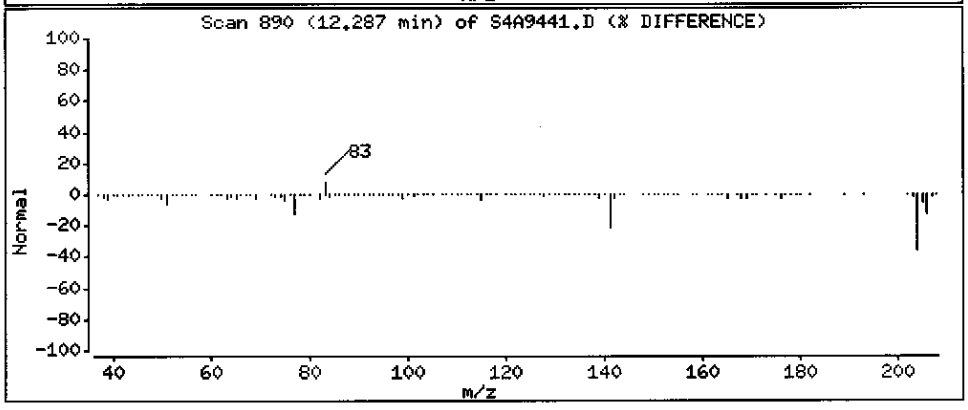












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0

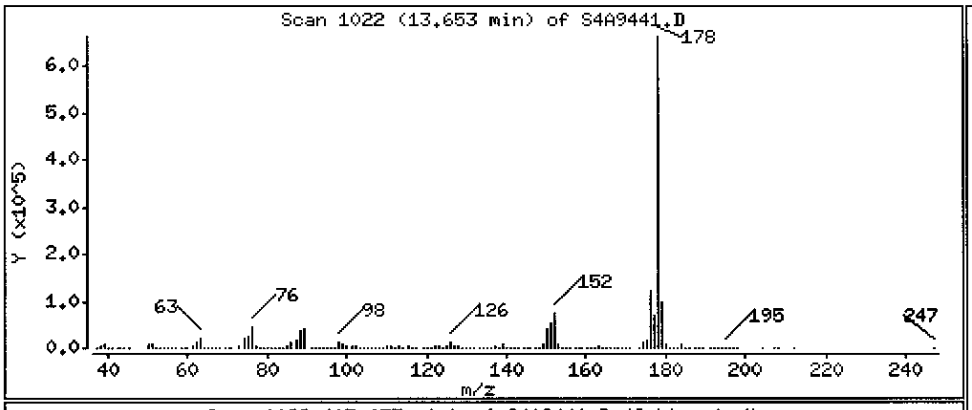
Operator: AW SRC: LIMS

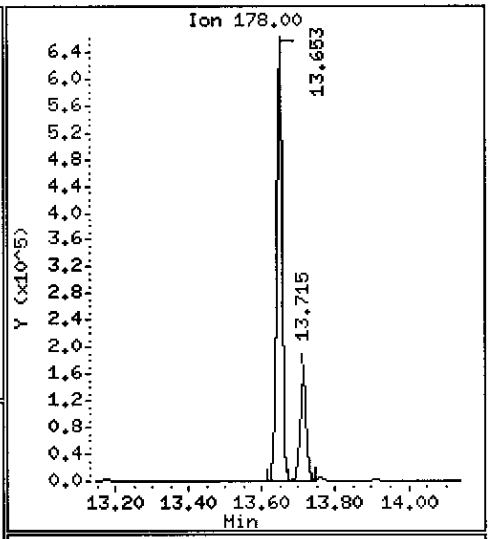
Column phase: DB-5MS

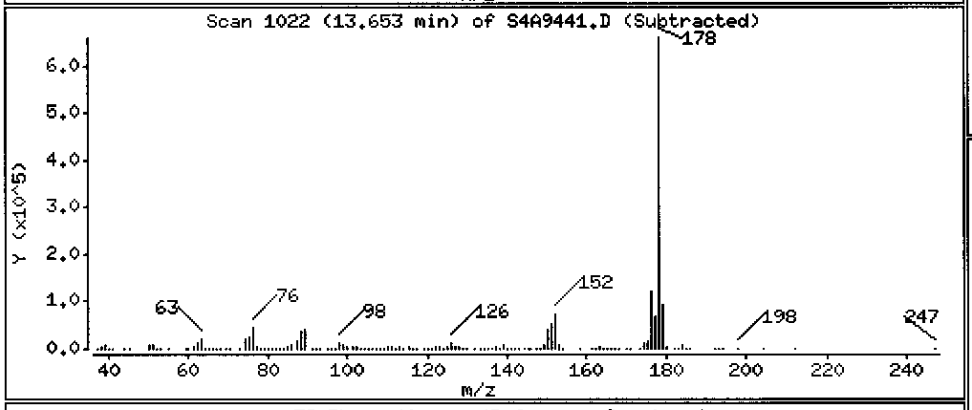
Column diameter: 0.25

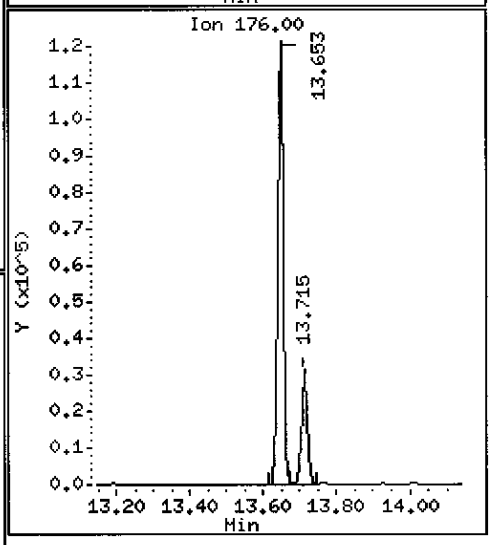
59 Phenanthrene

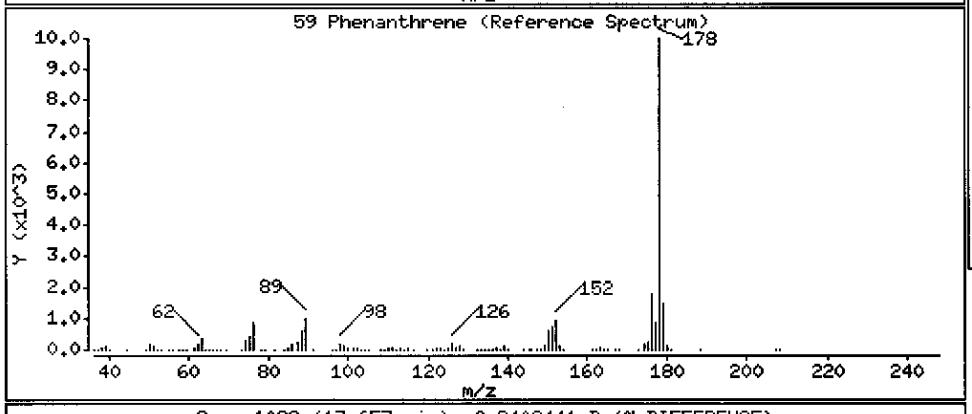
Concentration: 4600 ug/Kg

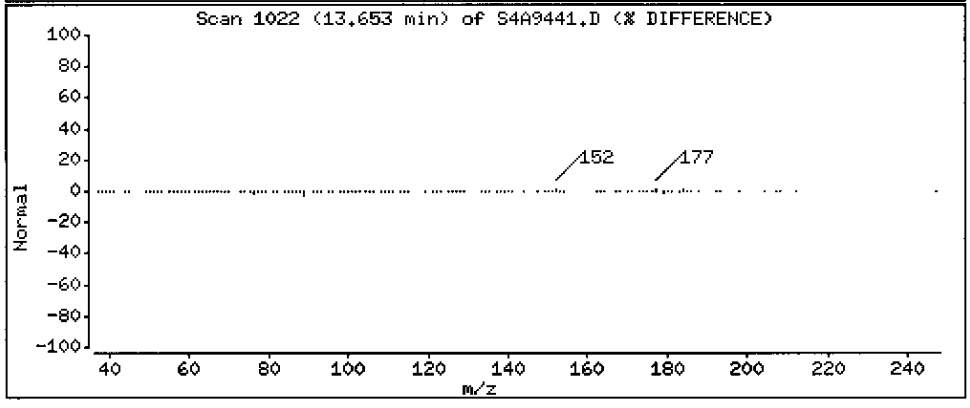












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0

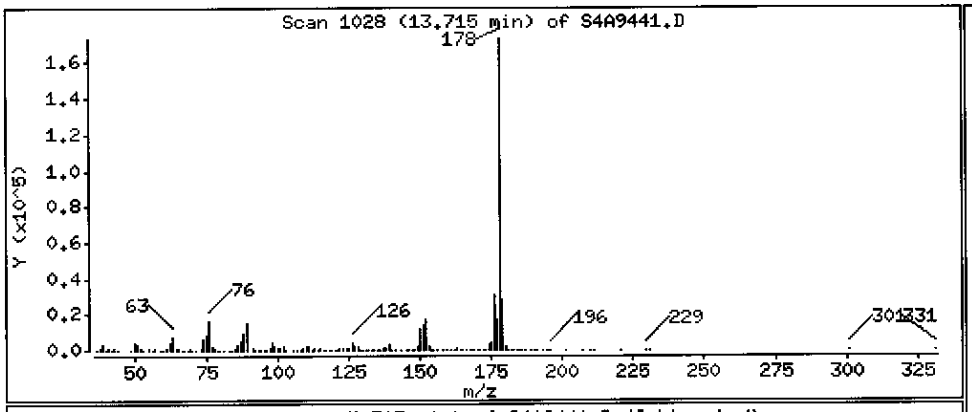
Operator: AW SRC: LIMS

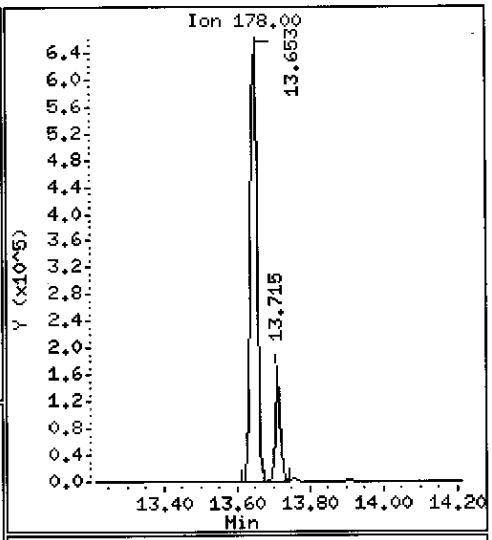
Column phase: DB-5MS

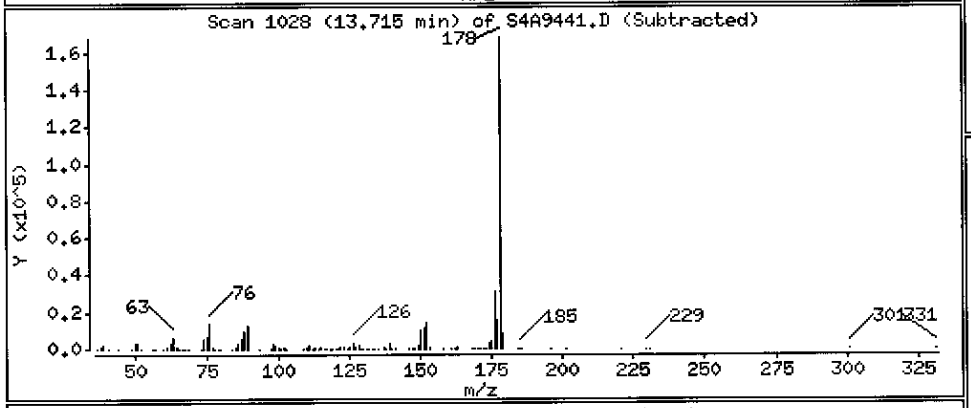
Column diameter: 0.25

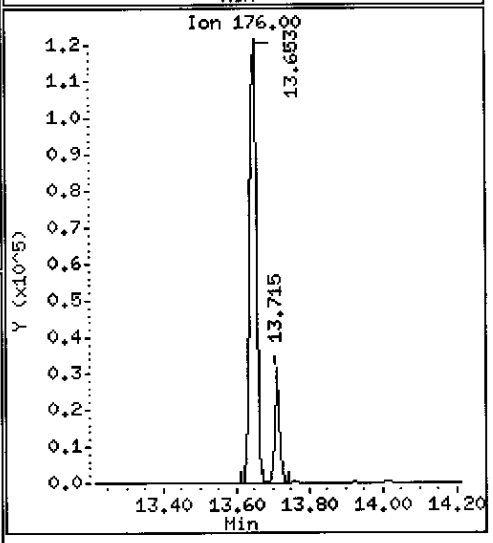
60 Anthracene

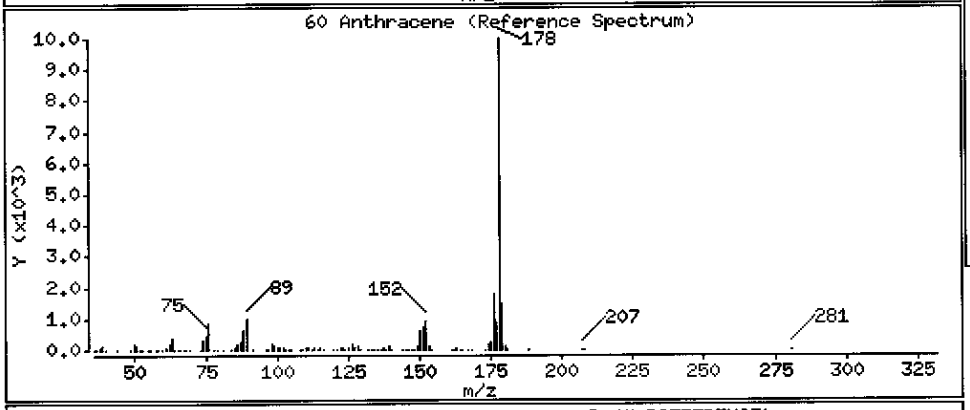
Concentration: 1000 ug/Kg

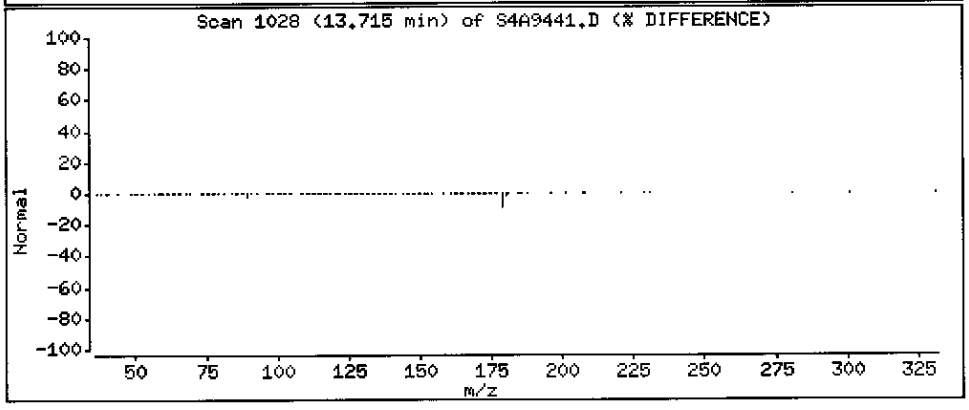












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0

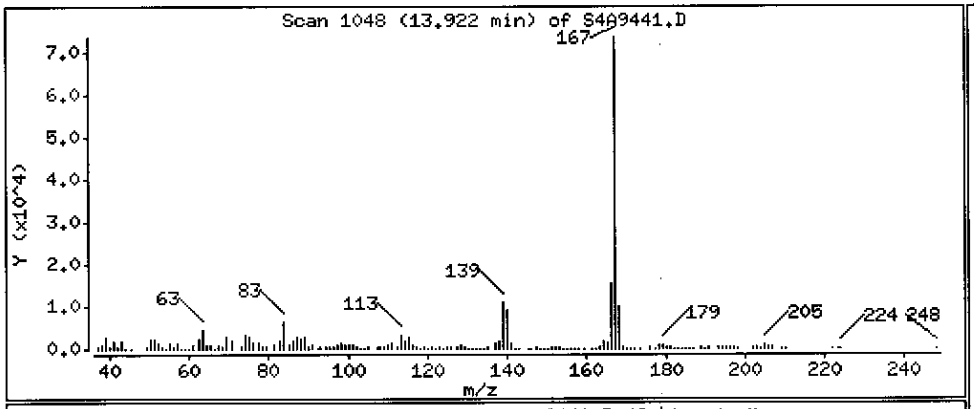
Operator: AW SRC: LIMS

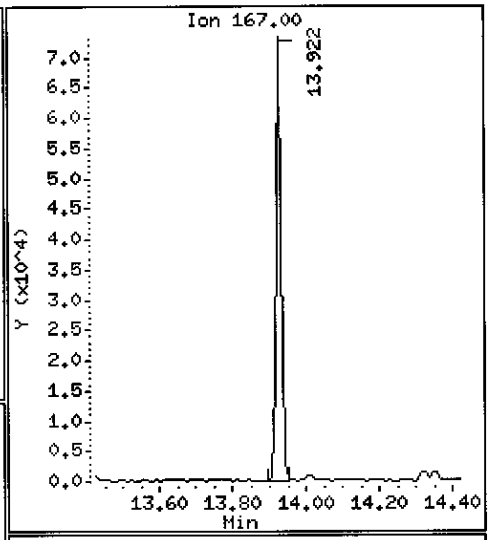
Column phase: DB-5MS

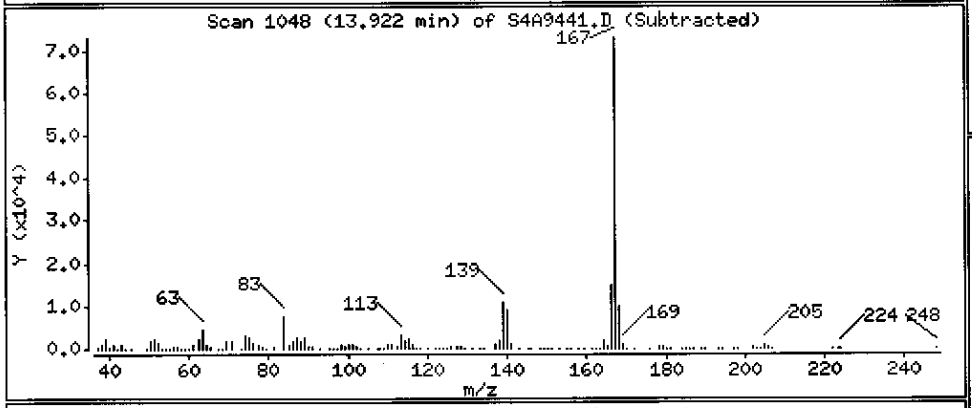
Column diameter: 0.25

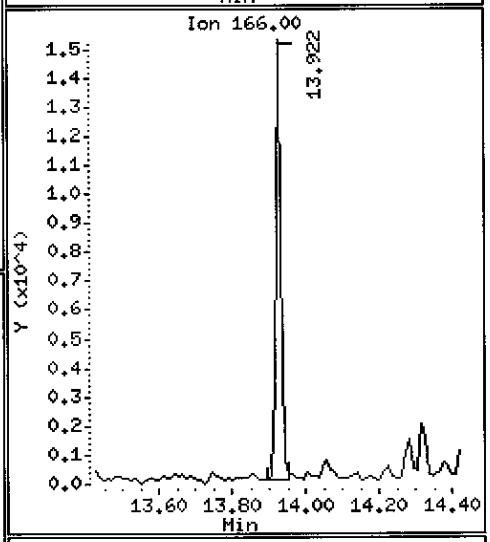
61 Carbazole

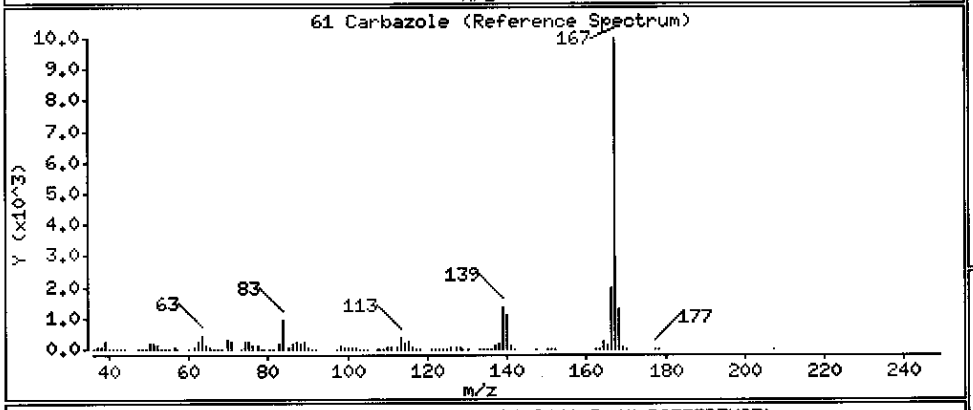
Concentration: 530 ug/Kg

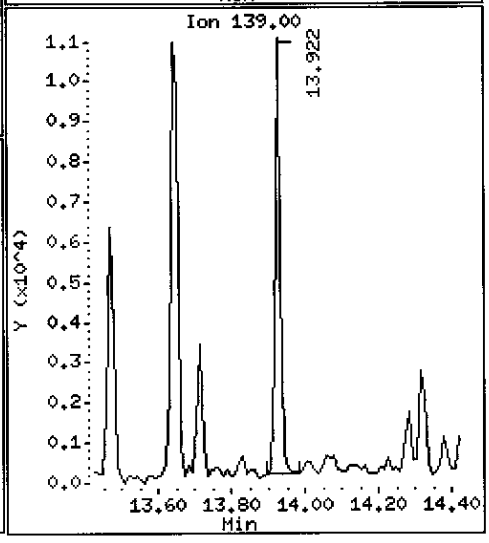


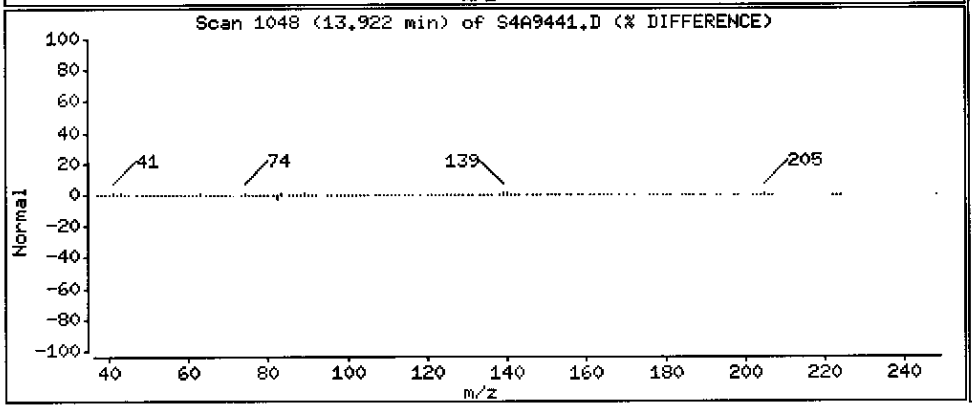












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0

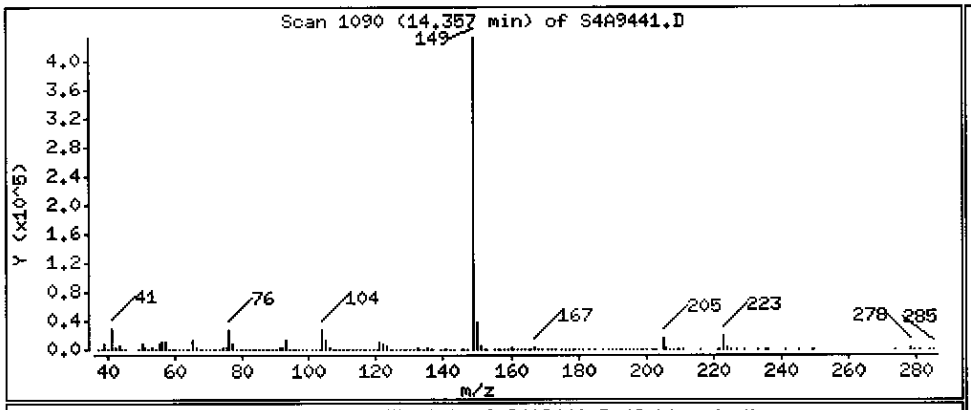
Operator: AW SRC: LIMS

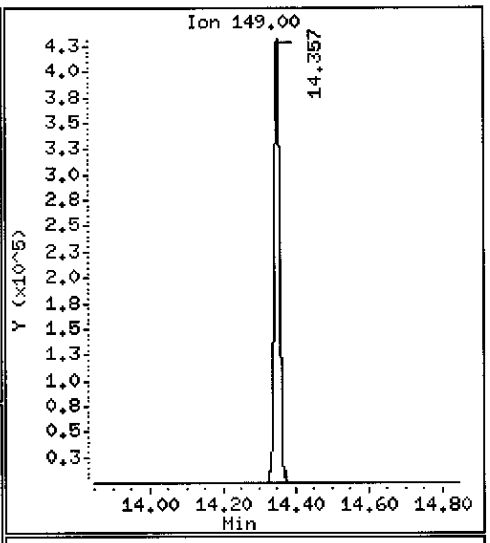
Column phase: DB-5MS

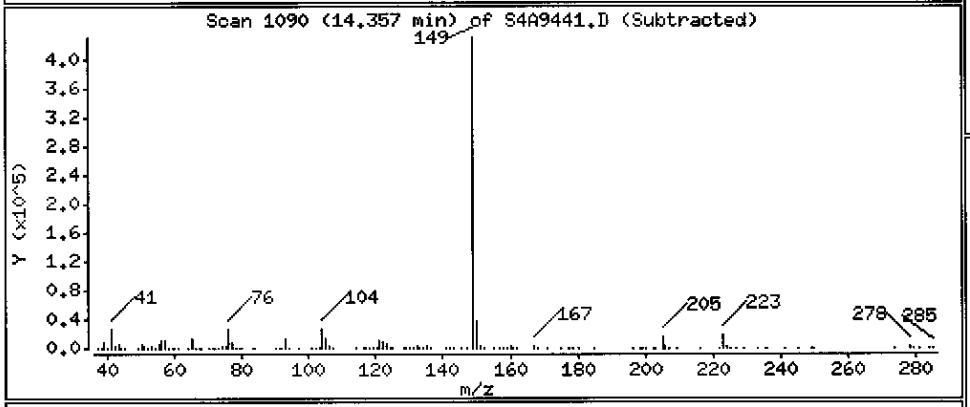
Column diameter: 0.25

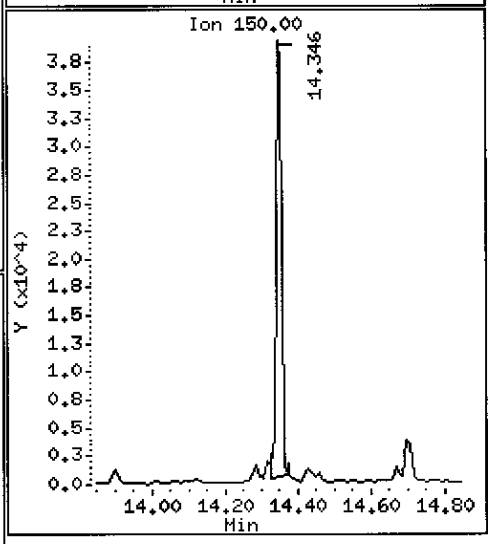
62 Di-n-butylphthalate

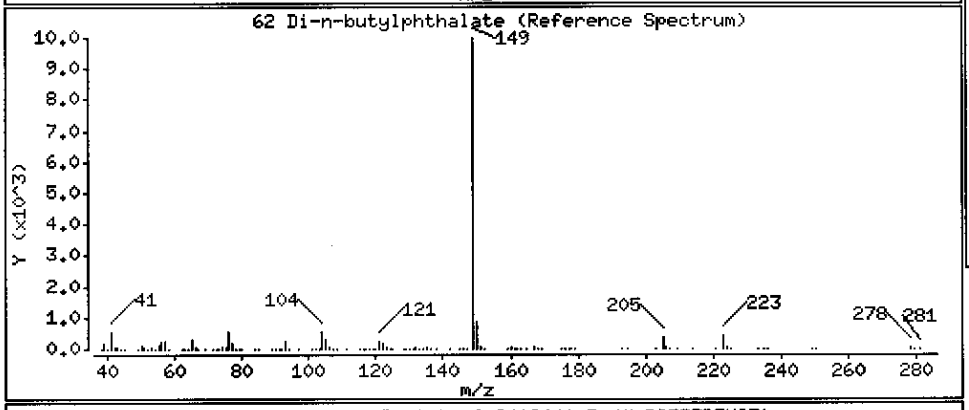
Concentration: 2600 ug/Kg

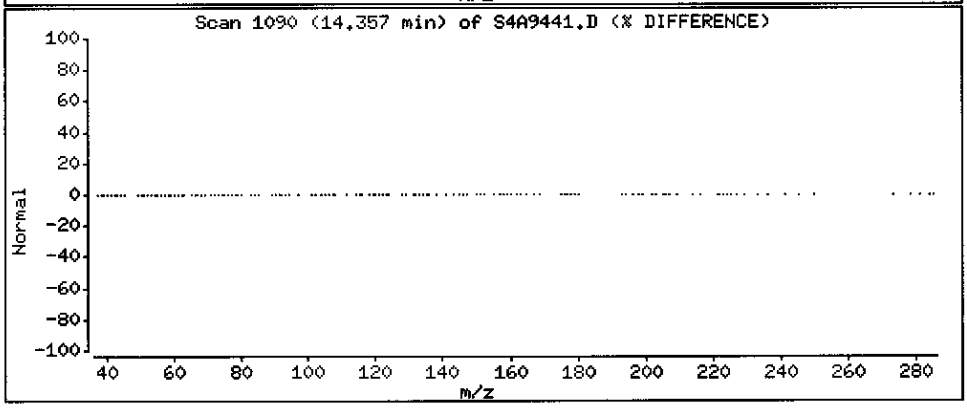












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0

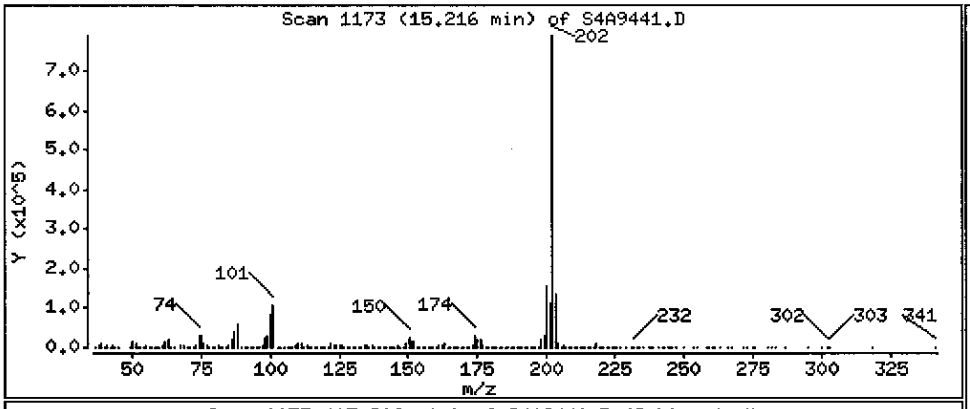
Operator: AW SRC: LIMS

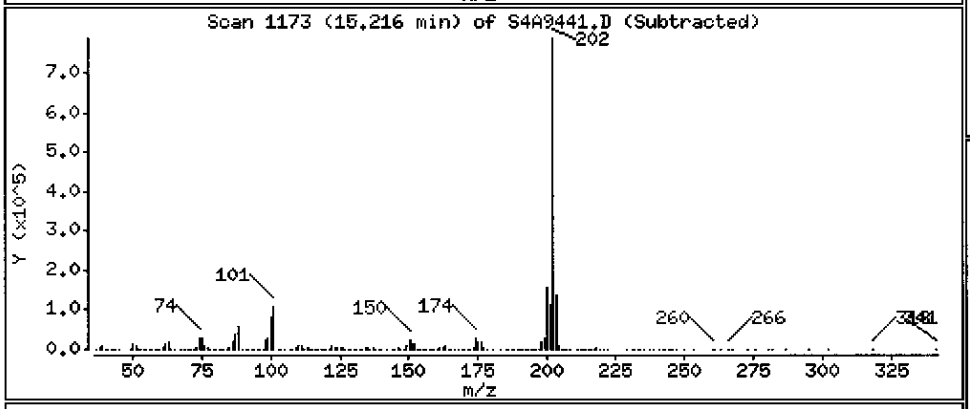
Column phase: DB-5MS

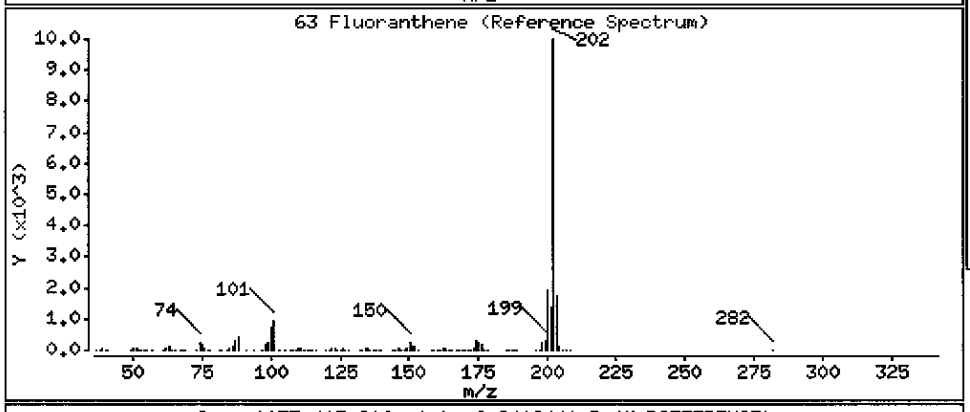
Column diameter: 0.25

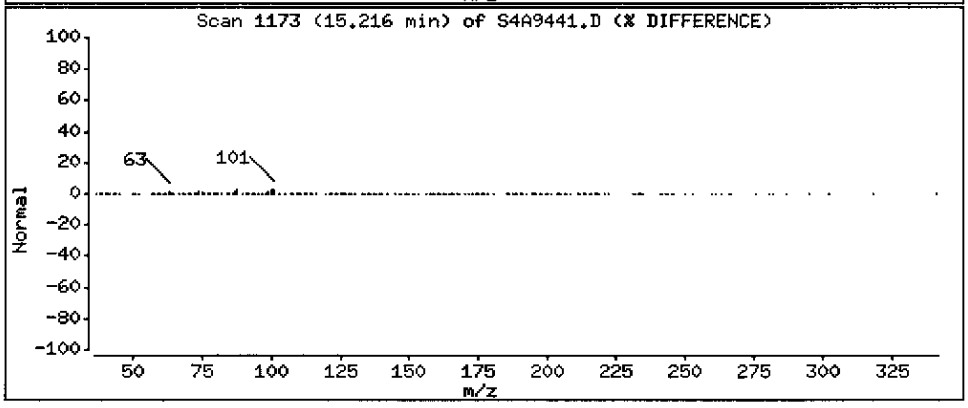
63 Fluoranthene

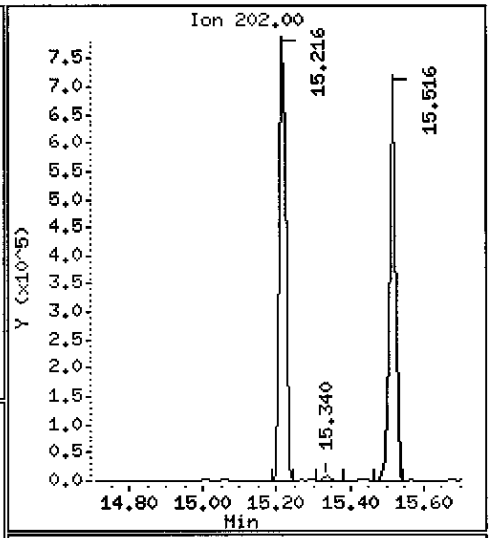
Concentration: 5300 ug/Kg

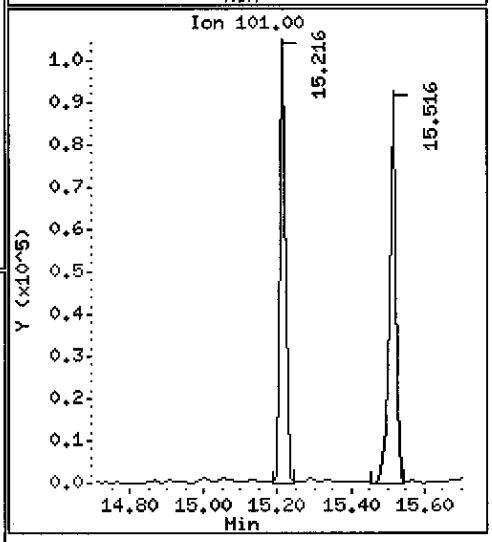












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0

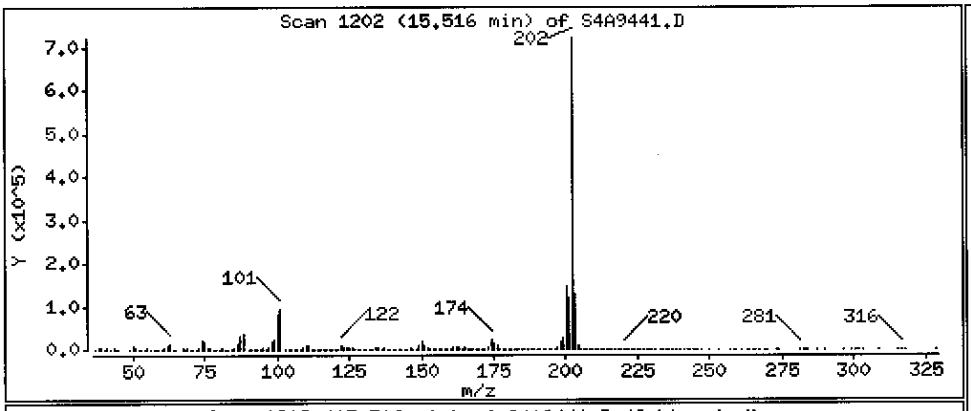
Operator: AW SRC: LIMS

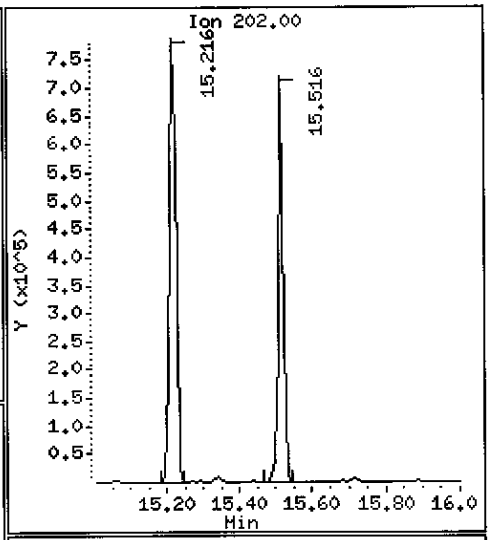
Column phase: DB-5MS

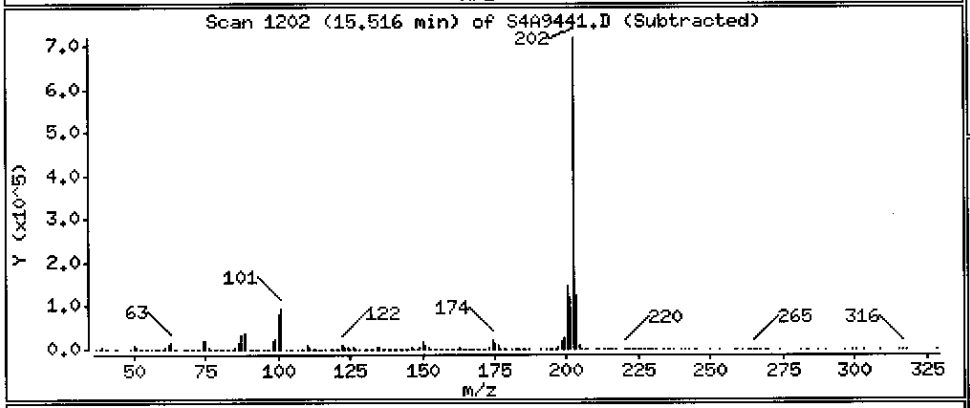
Column diameter: 0.25

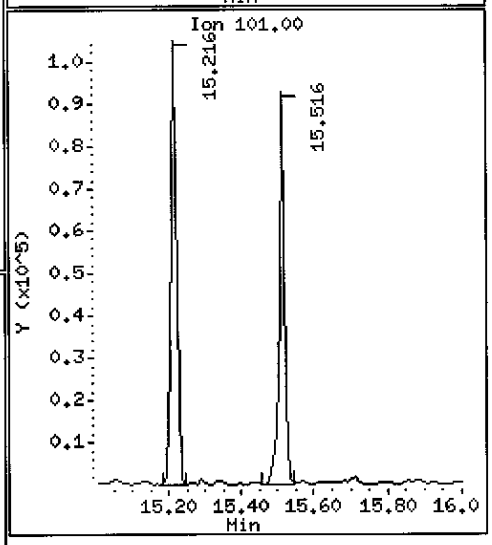
64 Pyrene

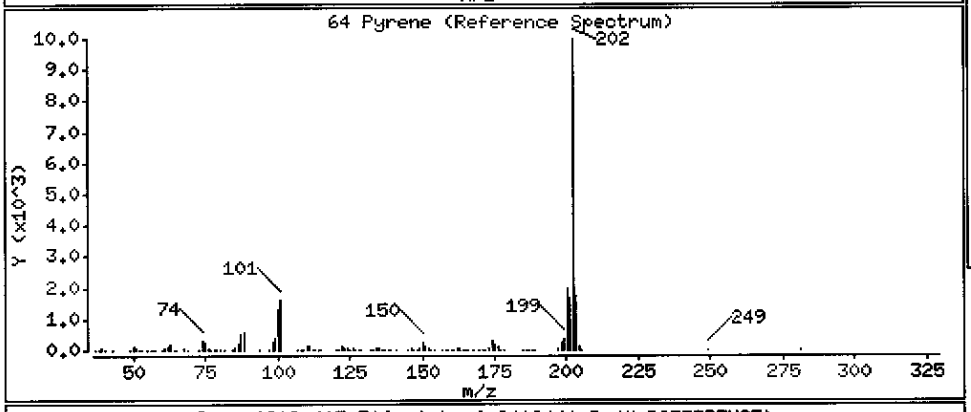
Concentration: 3800 ug/Kg

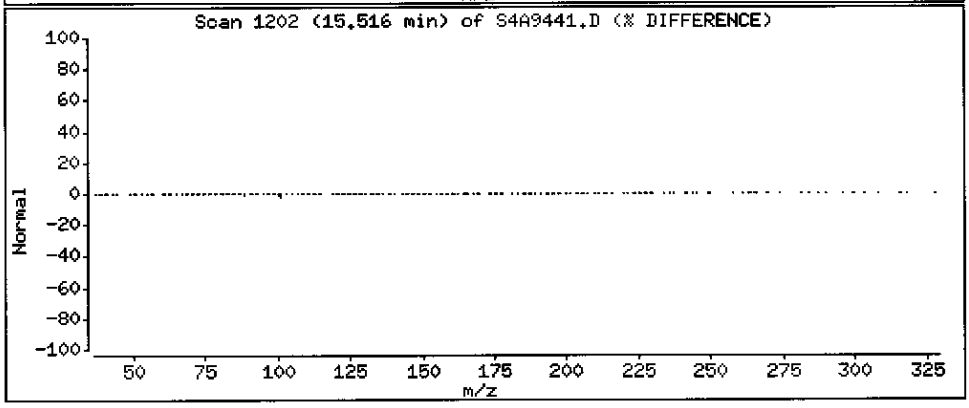












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0

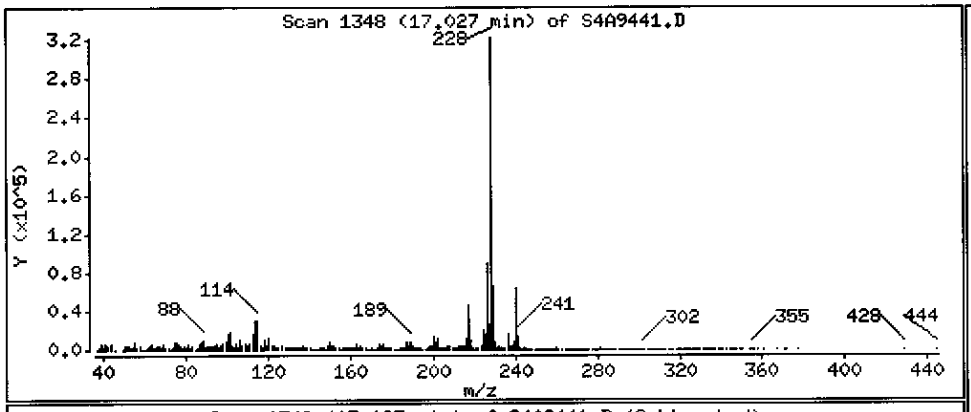
Operator: AW SRC: LIMS

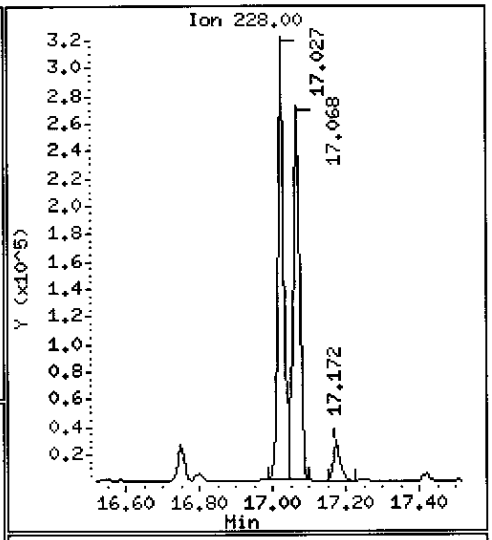
Column phase: DB-5MS

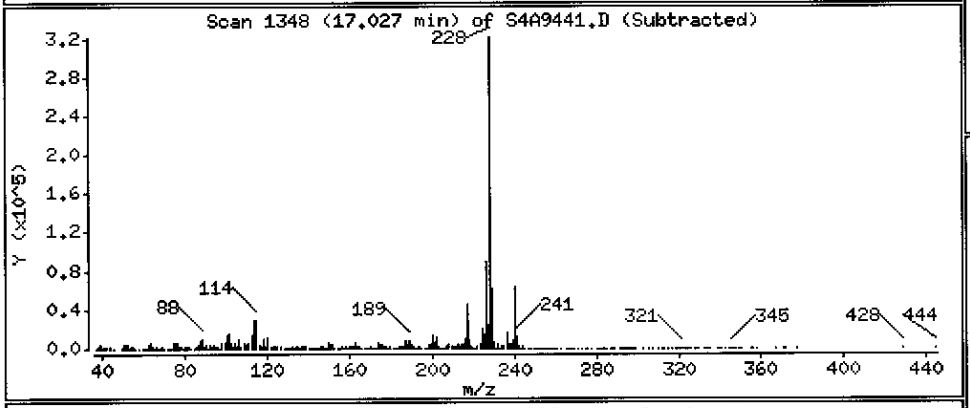
Column diameter: 0.25

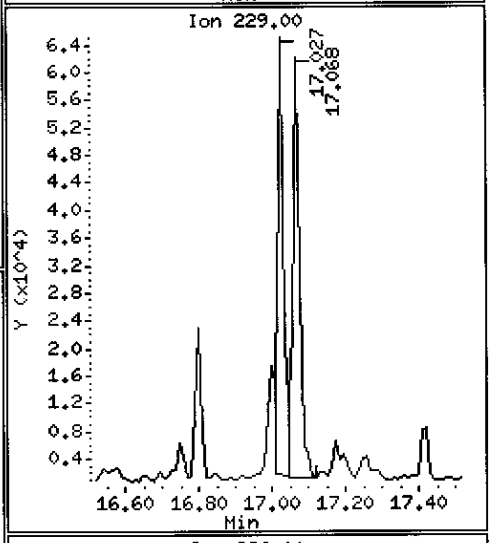
68 Benzo(a)anthracene

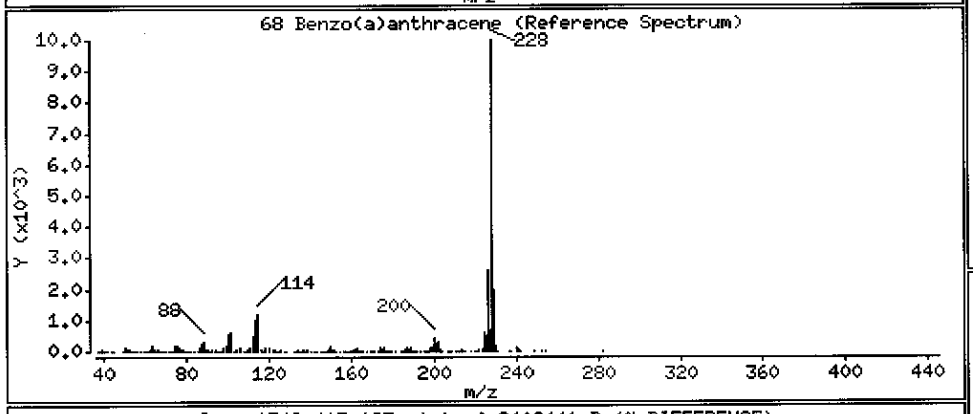
Concentration: 2300 ug/Kg

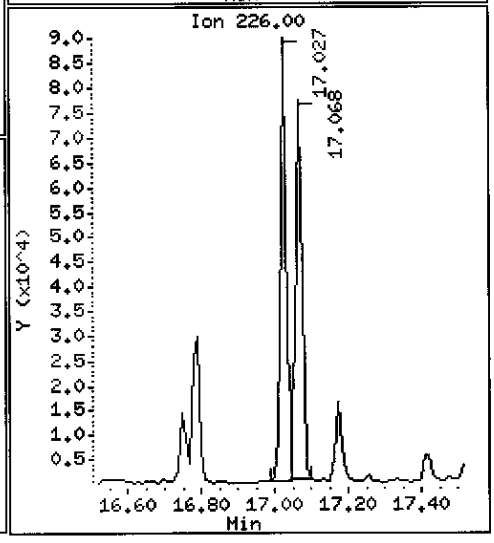


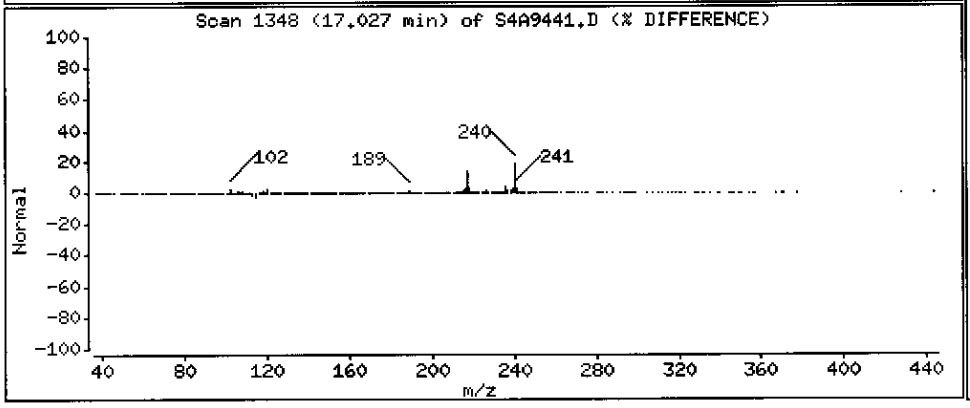












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0

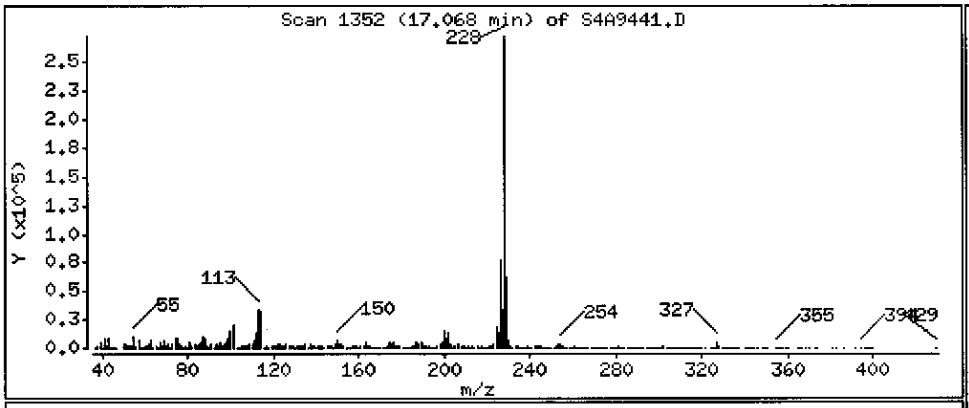
Operator: AW SRC: LIMS

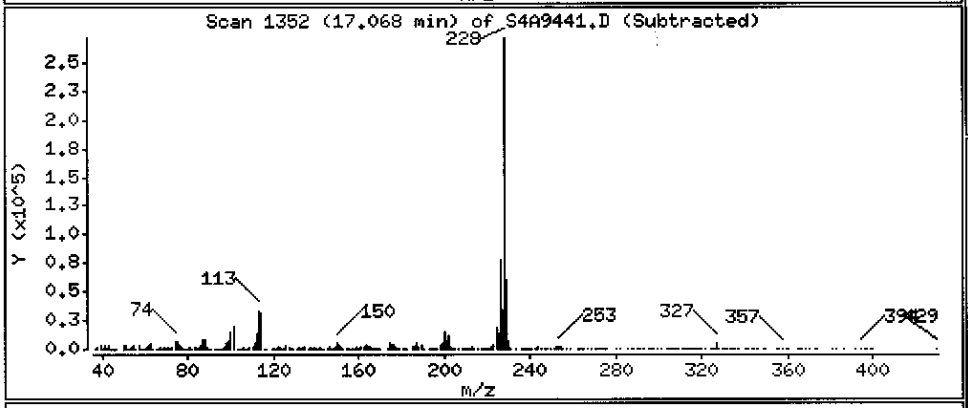
Column phase: DB-5MS

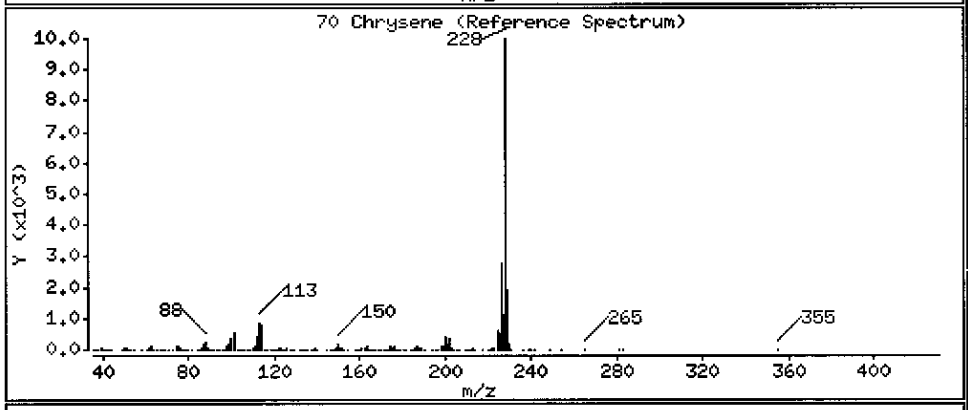
Column diameter: 0.25

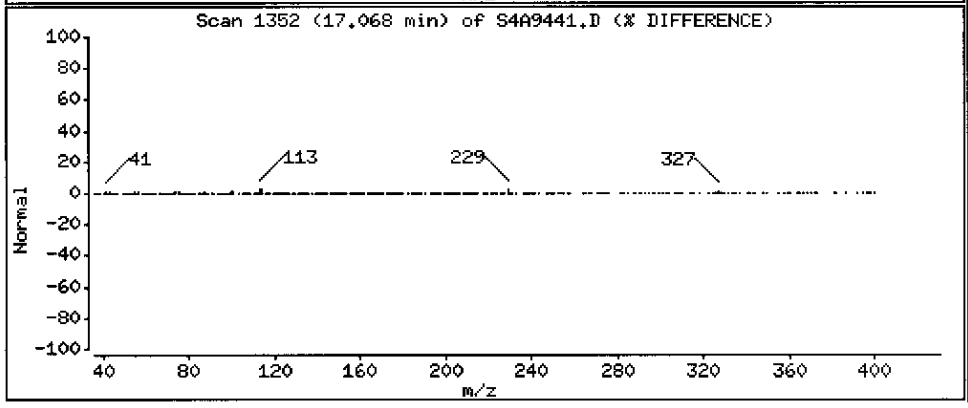
70 Chrysene

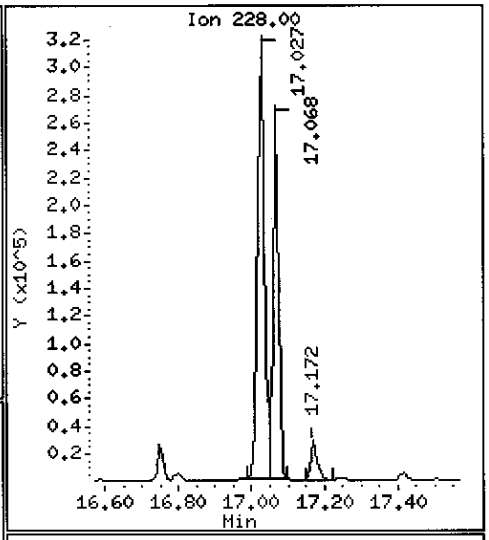
Concentration: 1900 ug/Kg

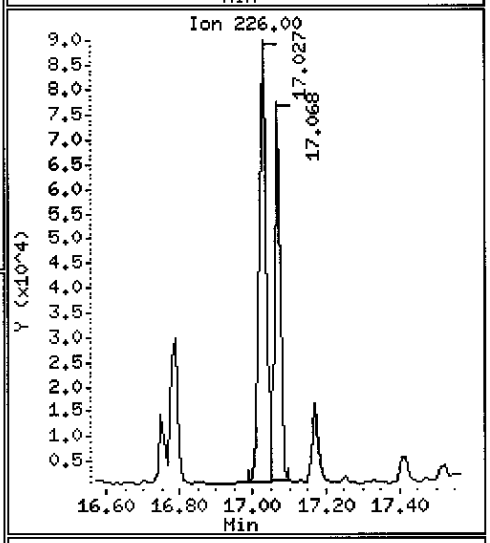


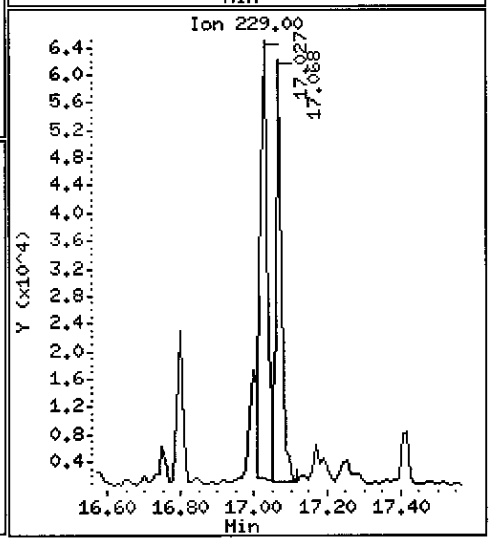












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0

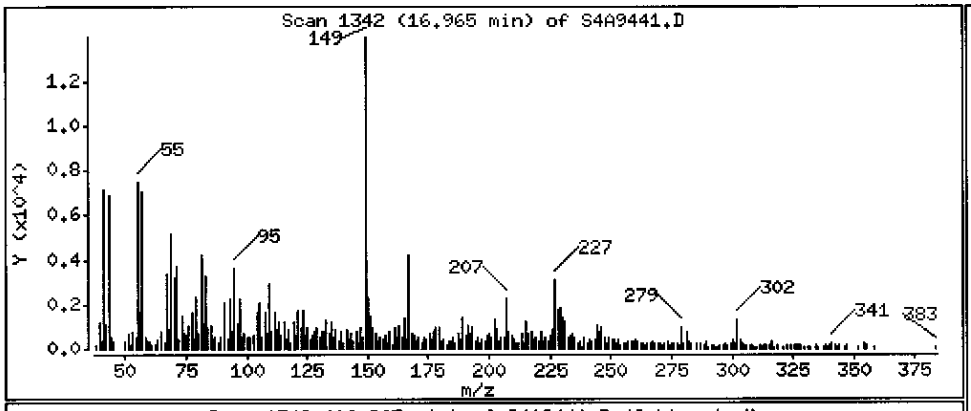
Operator: AW SRC: LIMS

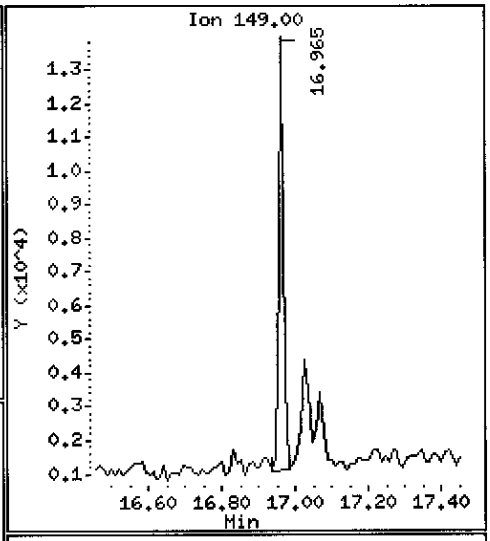
Column phase: DB-5MS

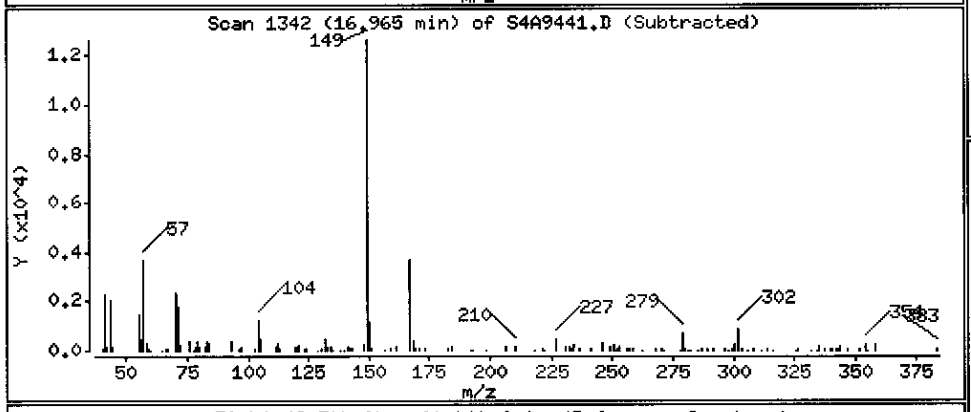
Column diameter: 0.25

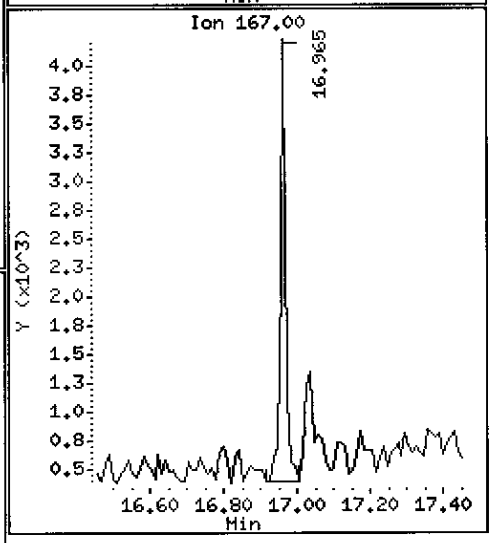
71 bis(2-Ethylhexyl)phthalate

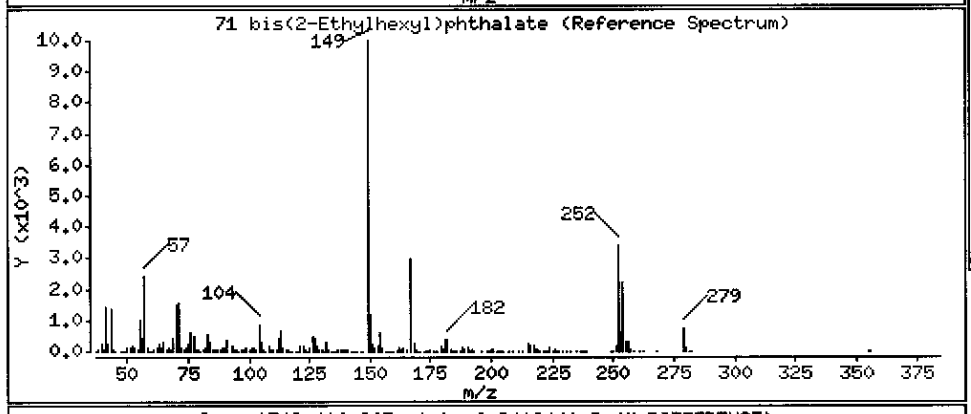
Concentration: 90 ug/Kg

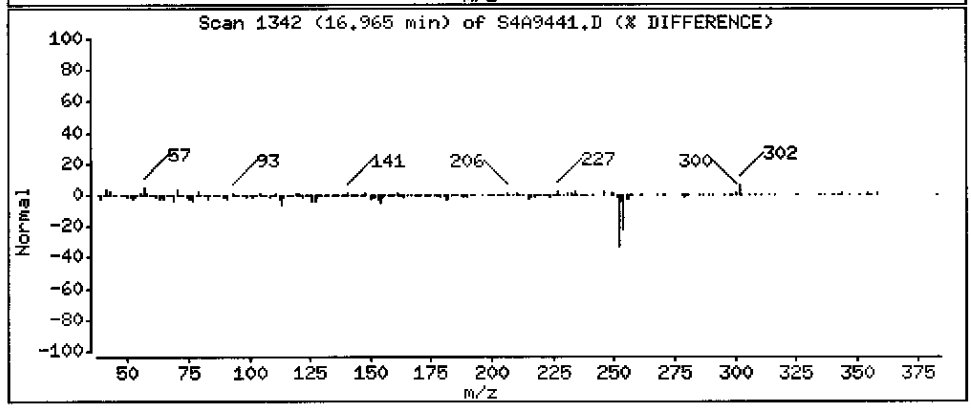












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0

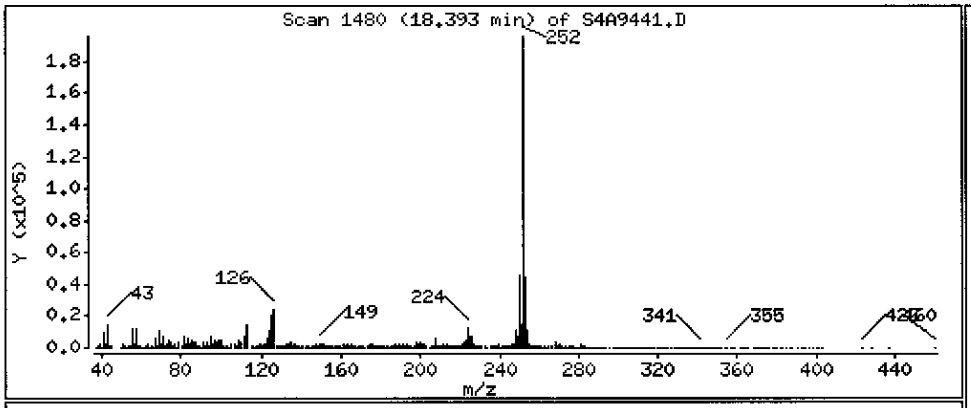
Operator: AW SRC: LIMS

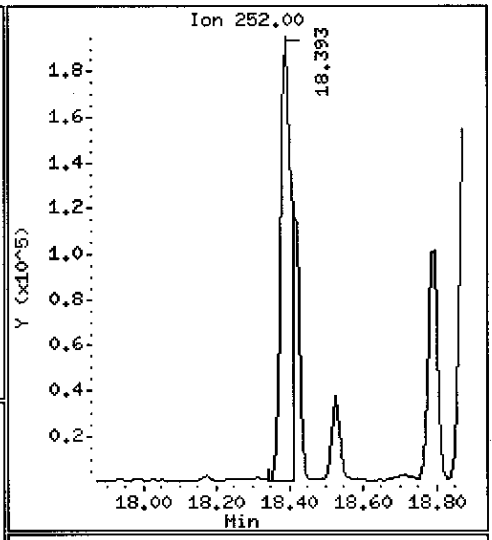
Column phase: DB-5MS

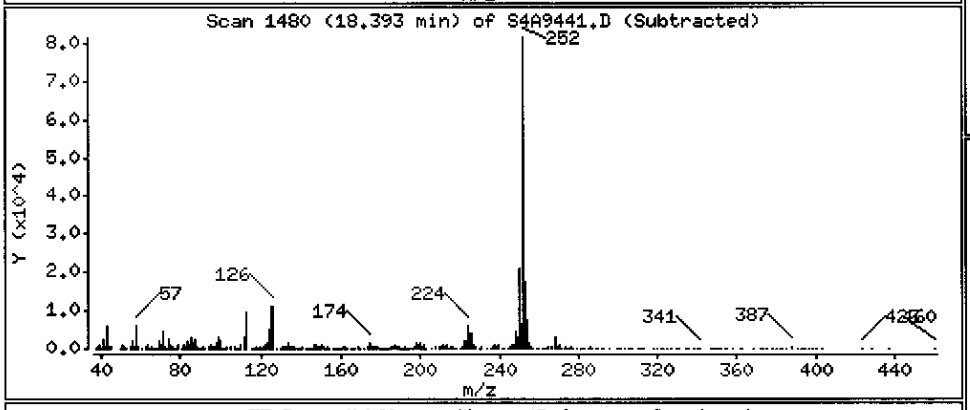
Column diameter: 0.25

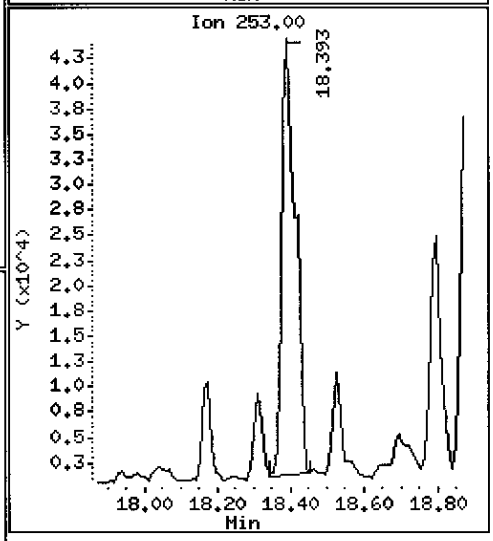
73 Benzo(b)fluoranthene

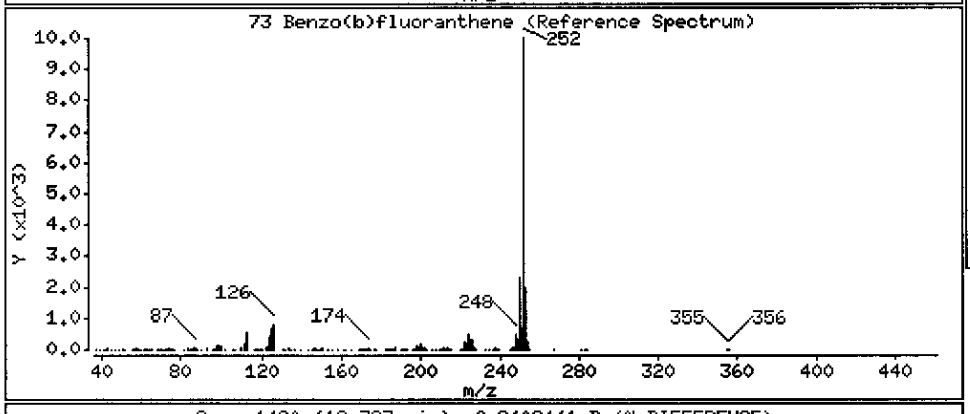
Concentration: 2500 ug/Kg

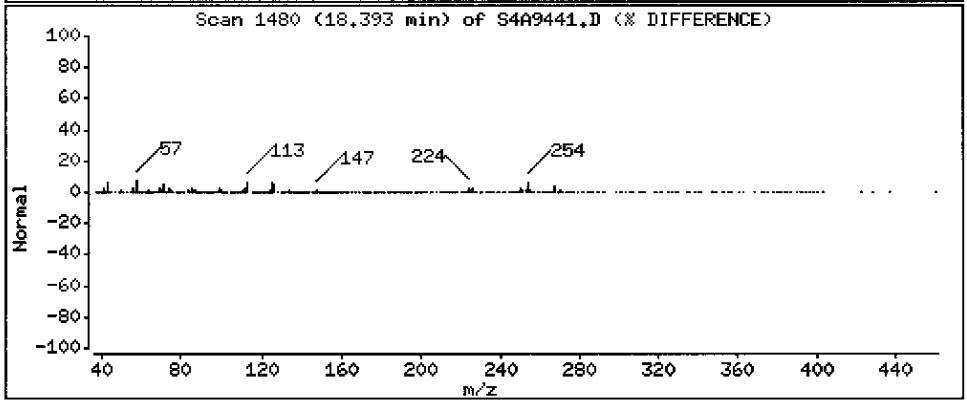












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0

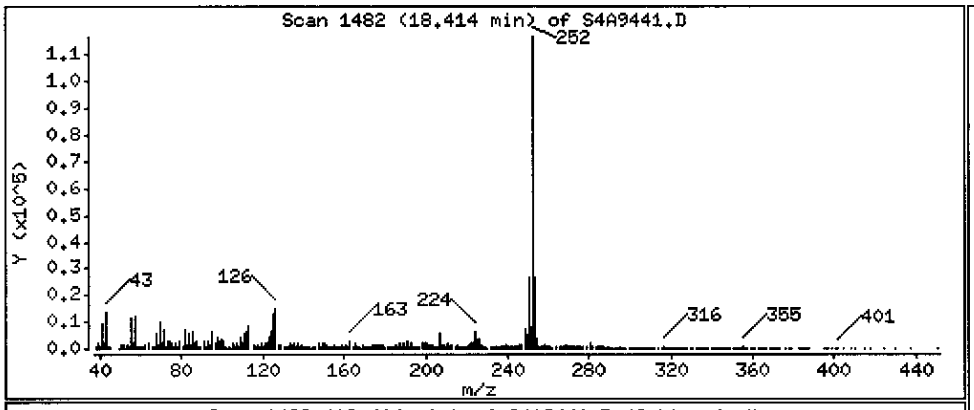
Operator: AW SRC: LIMS

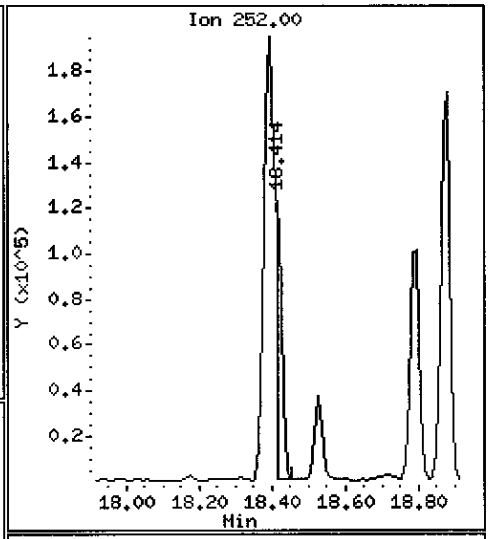
Column phase: DB-5MS

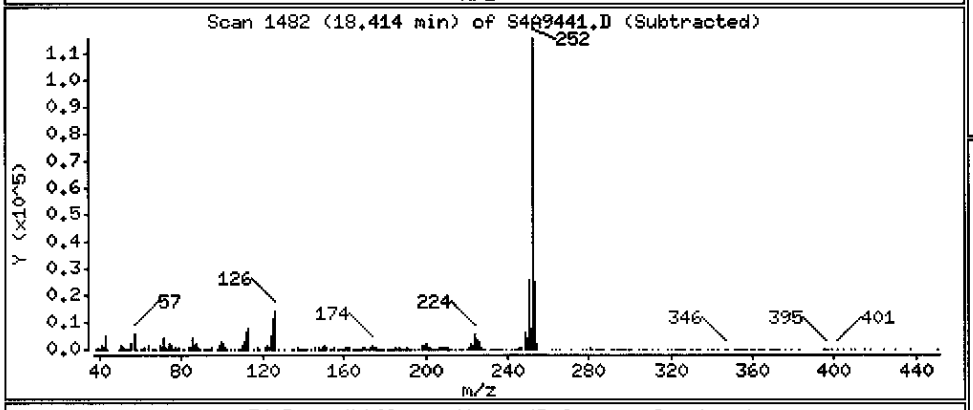
Column diameter: 0.25

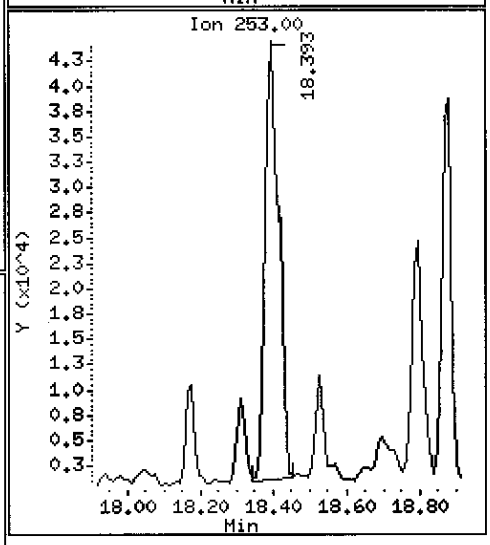
74 Benzo(k)fluoranthene

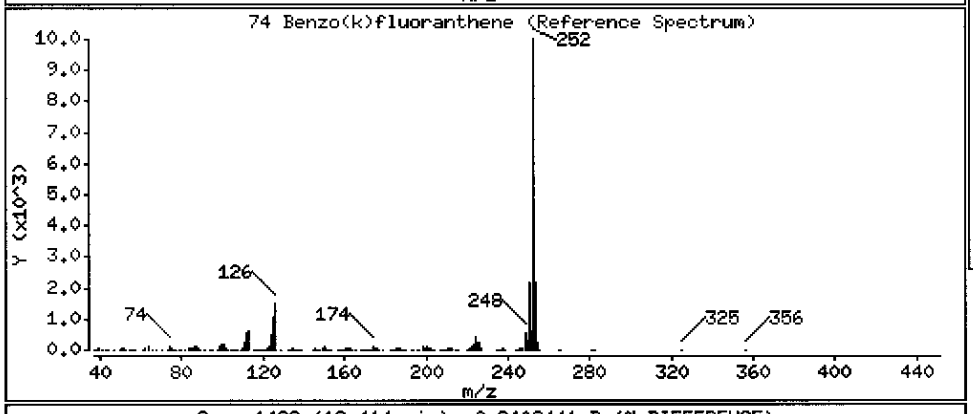
Concentration: 890 ug/Kg

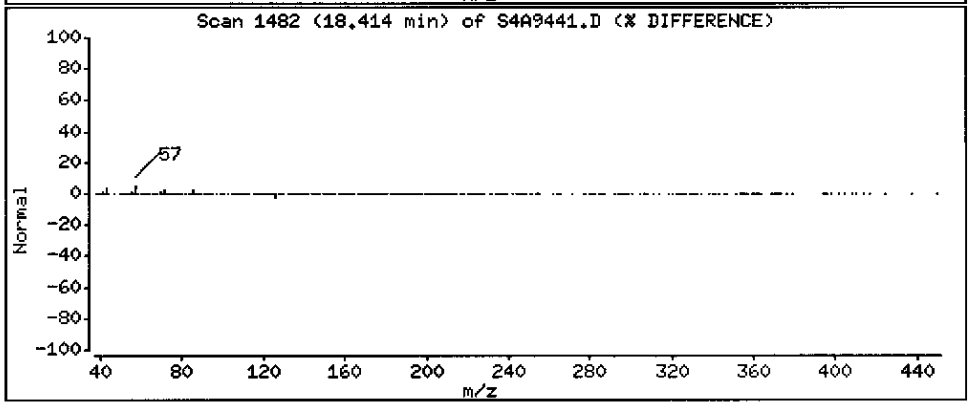












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0

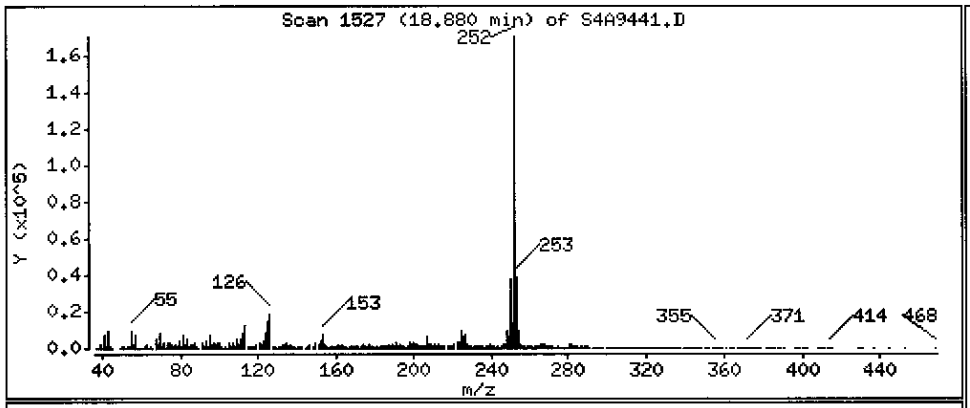
Operator: AW SRC: LIMS

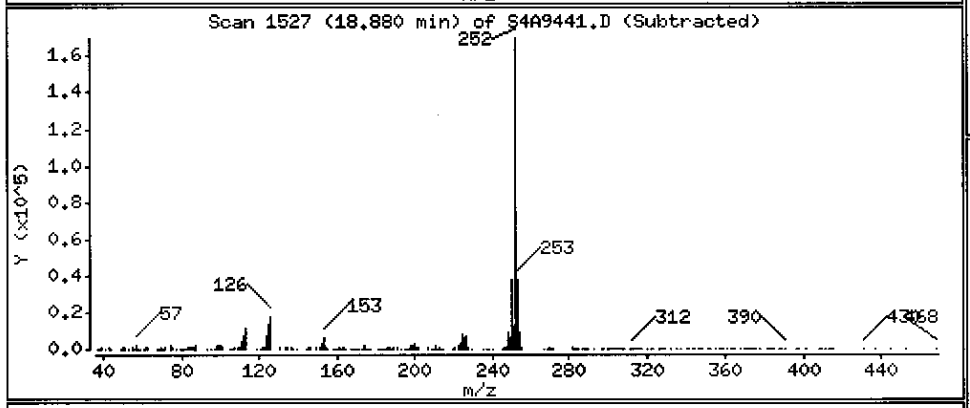
Column phase: DB-5MS

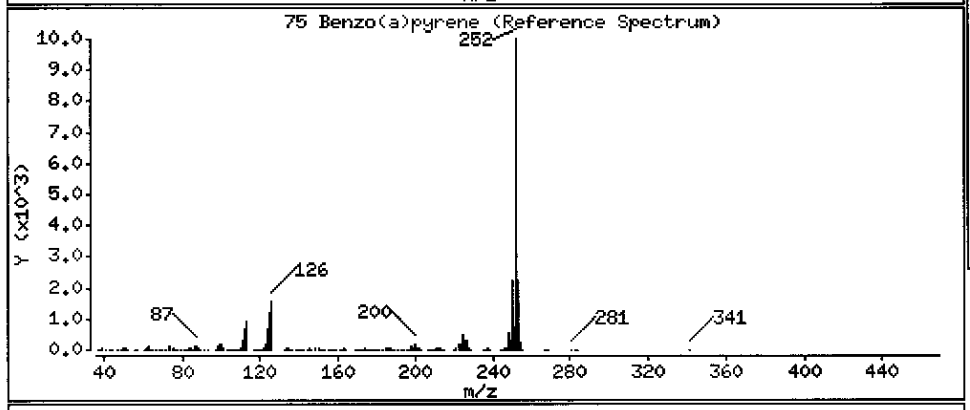
Column diameter: 0.25

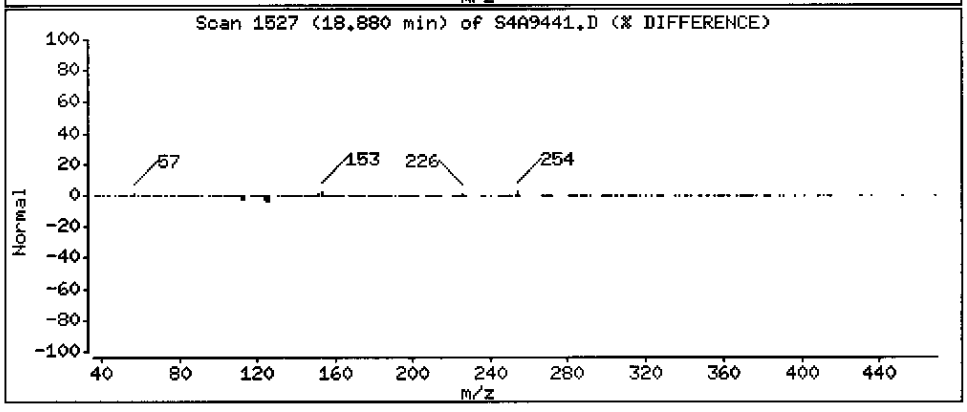
75 Benzo(a)pyrene

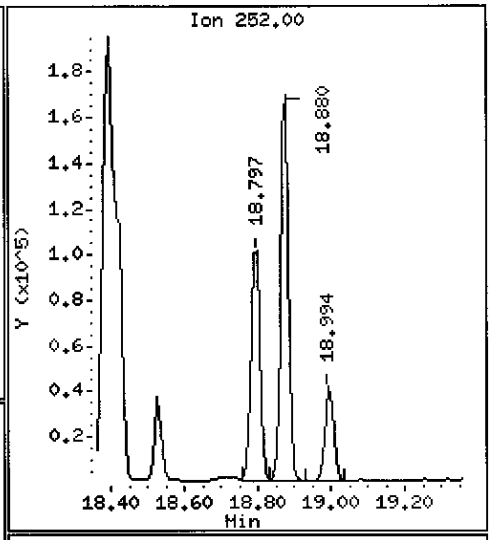
Concentration: 1900 ug/Kg

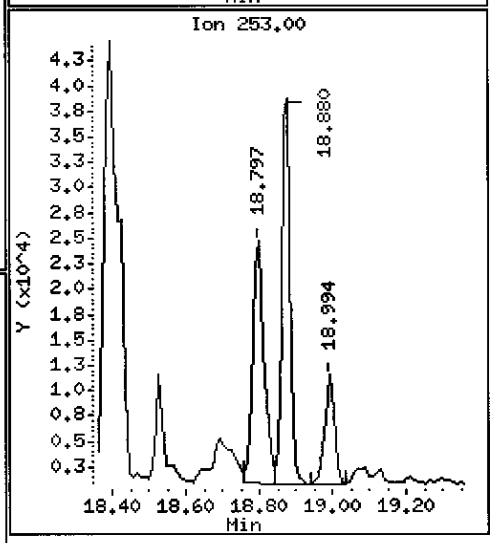












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0

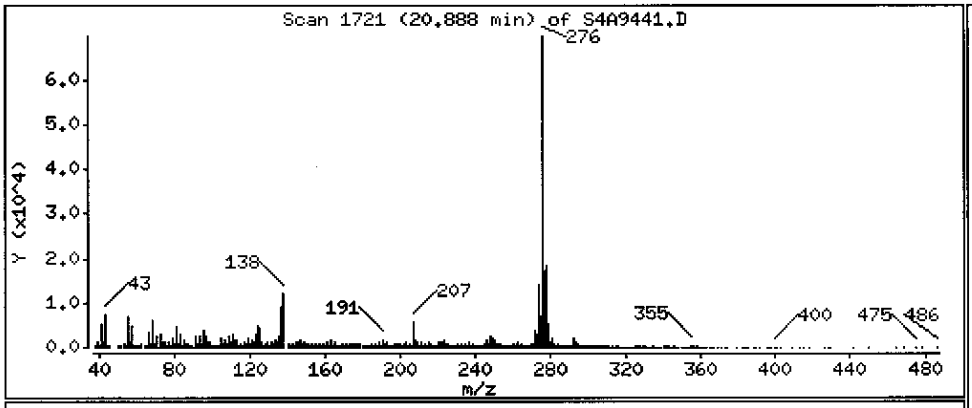
Operator: AW SRC: LIMS

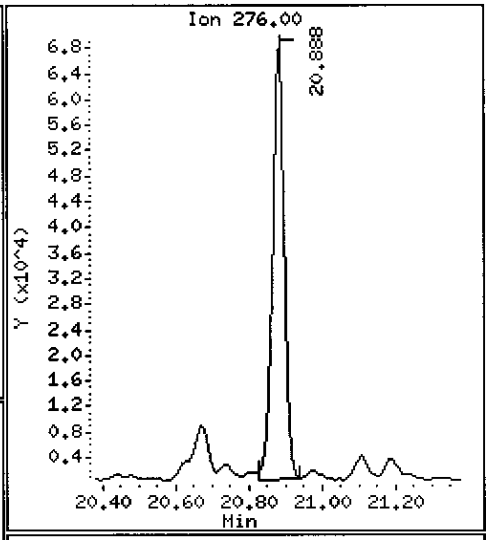
Column phase: DB-5MS

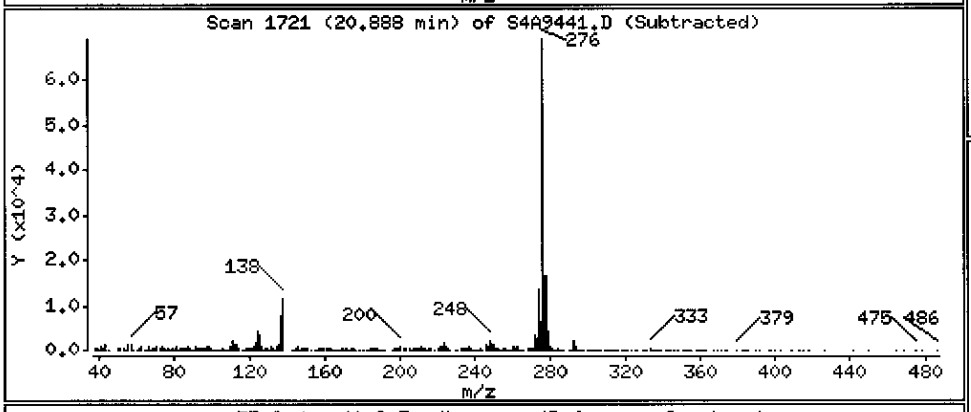
Column diameter: 0.25

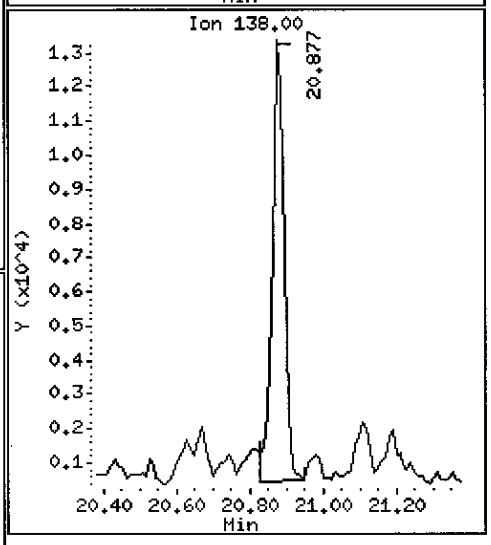
77 Indeno(1,2,3-cd)pyrene

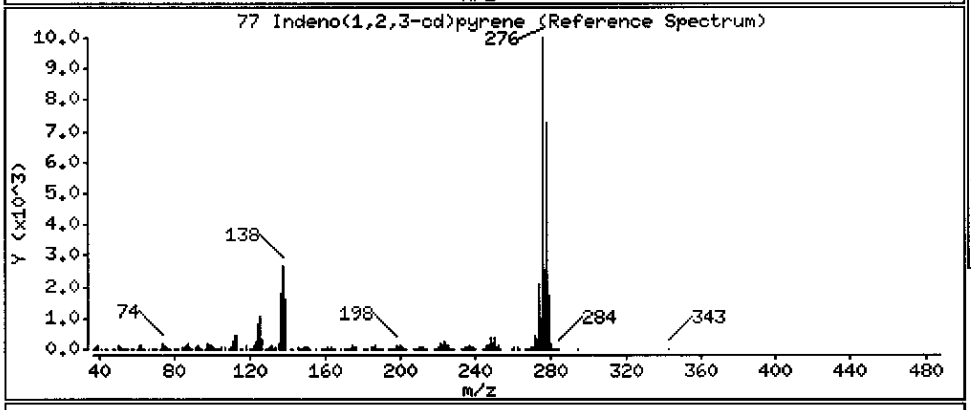
Concentration: 900 ug/Kg

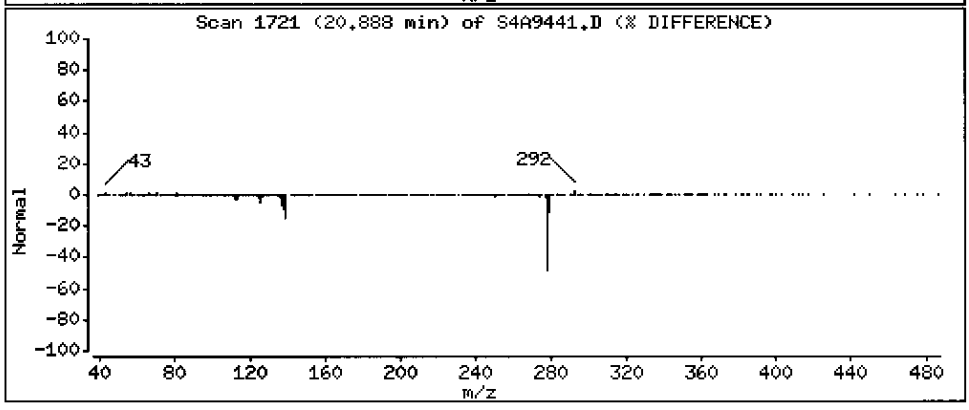












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0

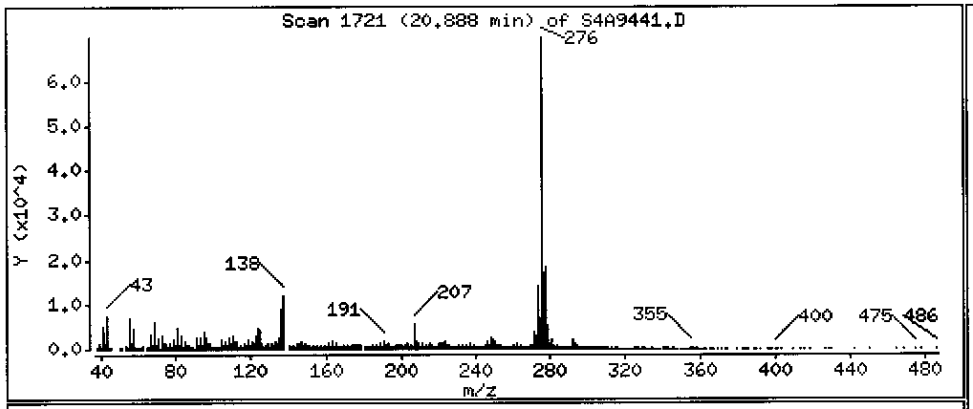
Operator: AW SRC: LIMS

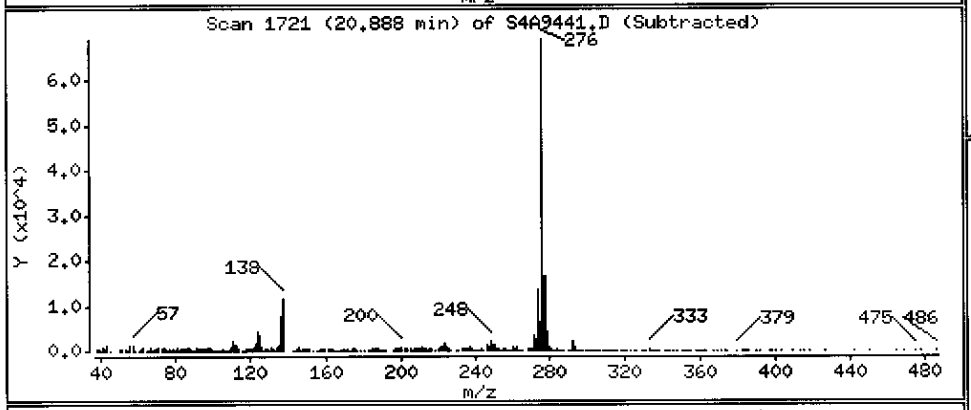
Column phase: DB-5MS

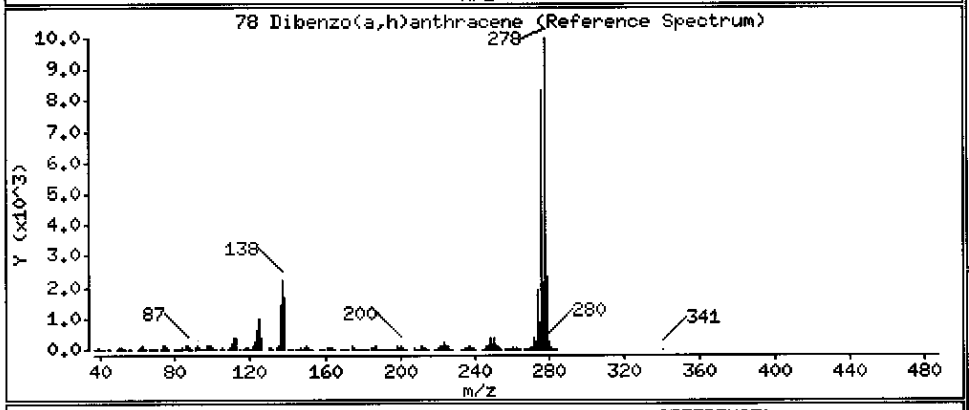
Column diameter: 0.25

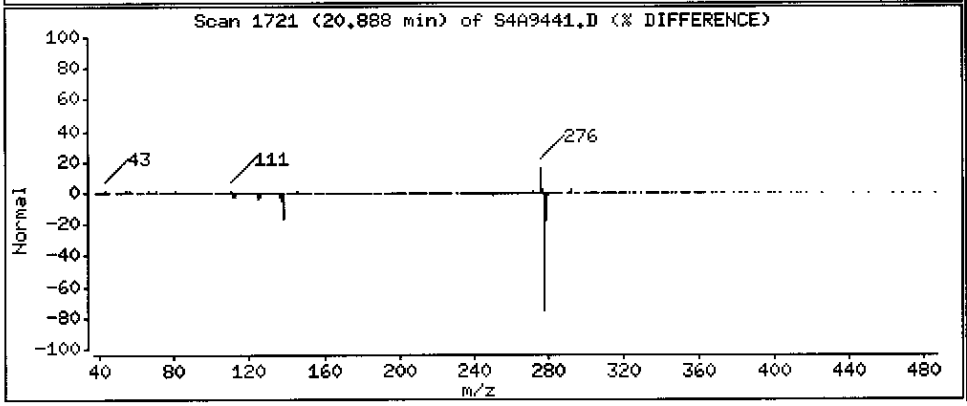
78 Dibenzo(a,h)anthracene

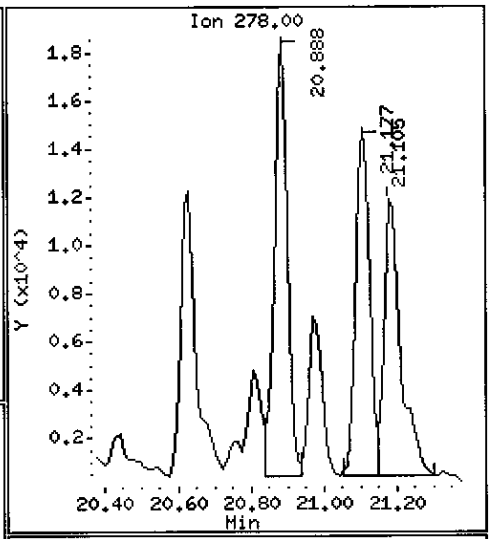
Concentration: 310 ug/Kg

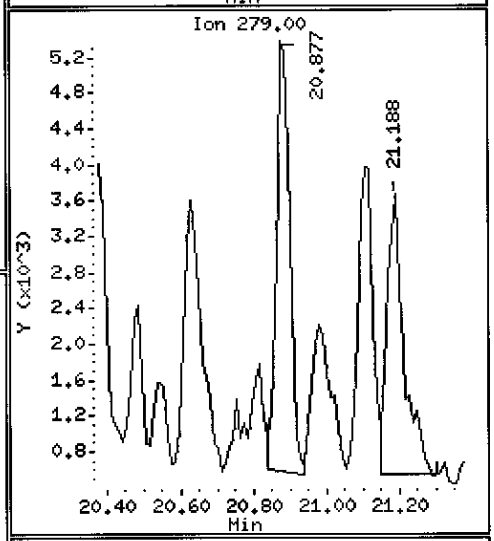


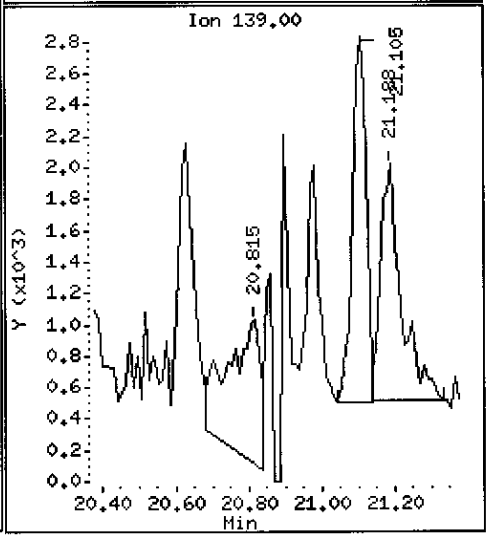












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0

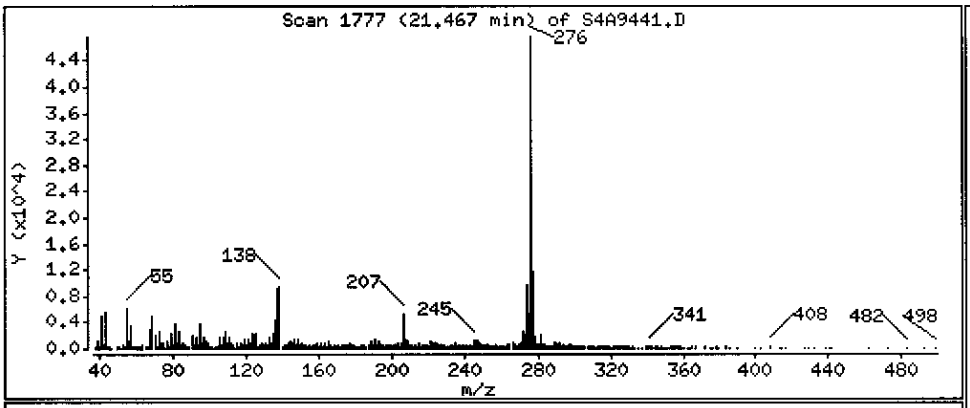
Operator: AW SRC: LIMS

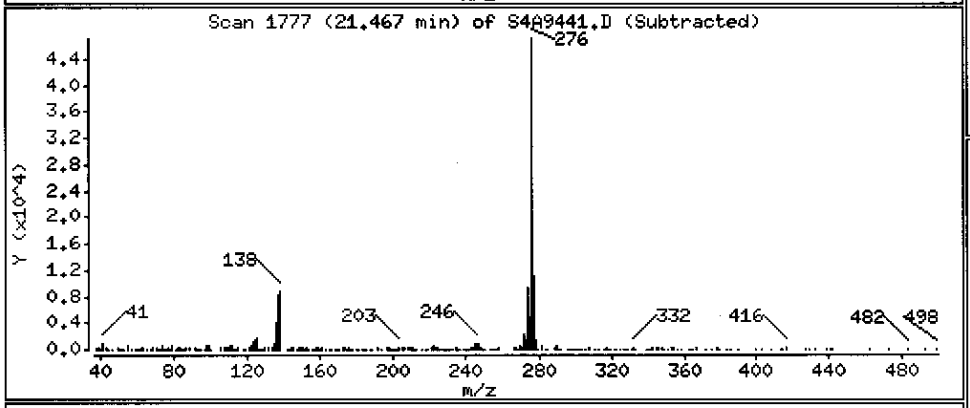
Column phase: DB-5MS

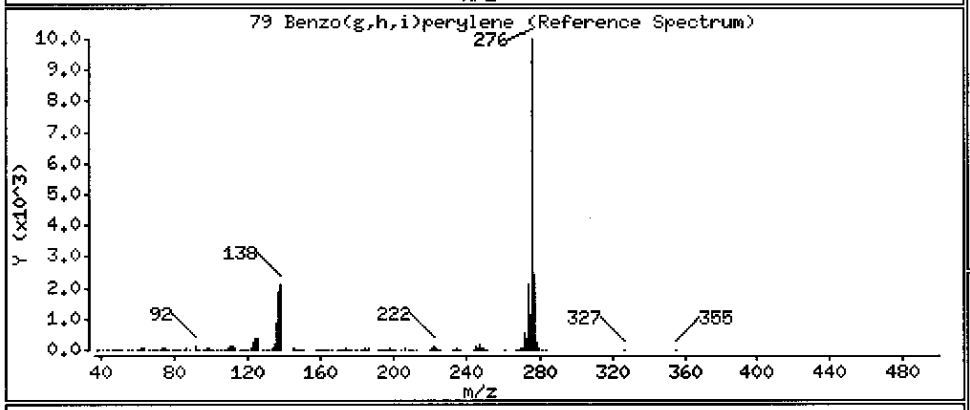
Column diameter: 0.25

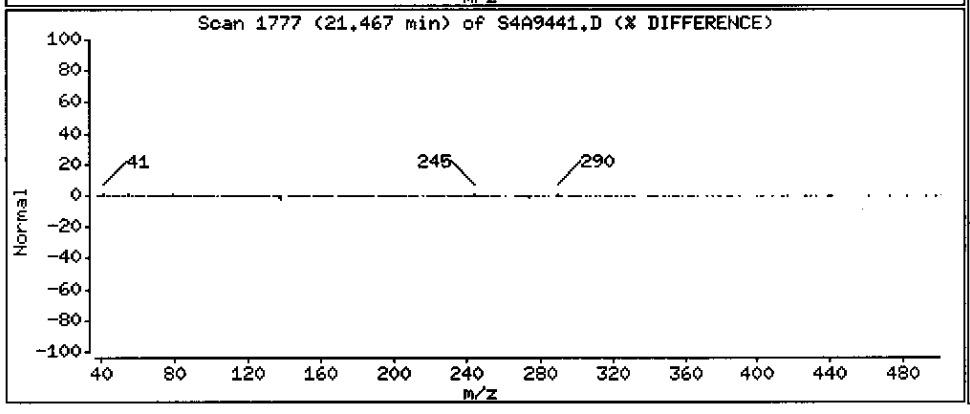
79 Benzo(g,h,i)perylene

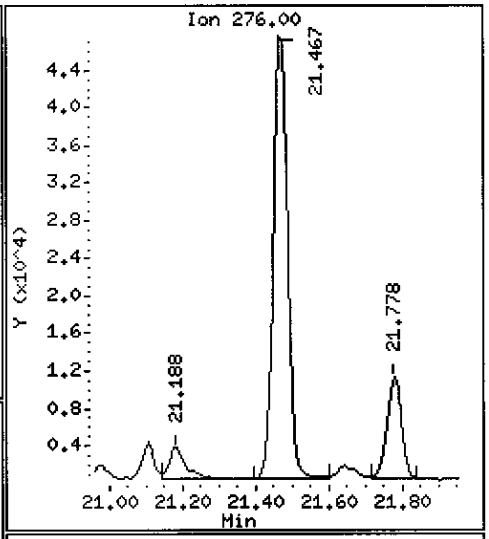
Concentration: 950 ug/Kg

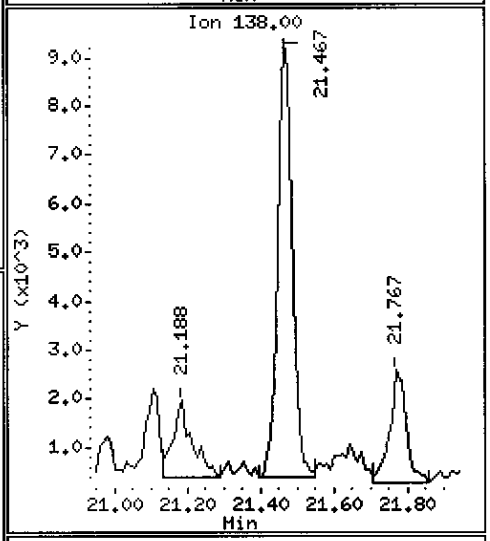


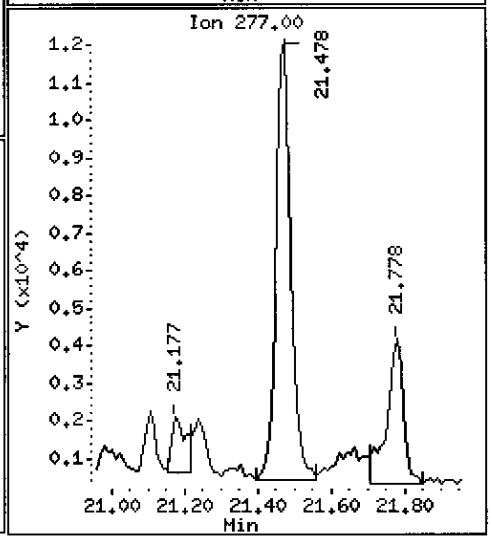












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

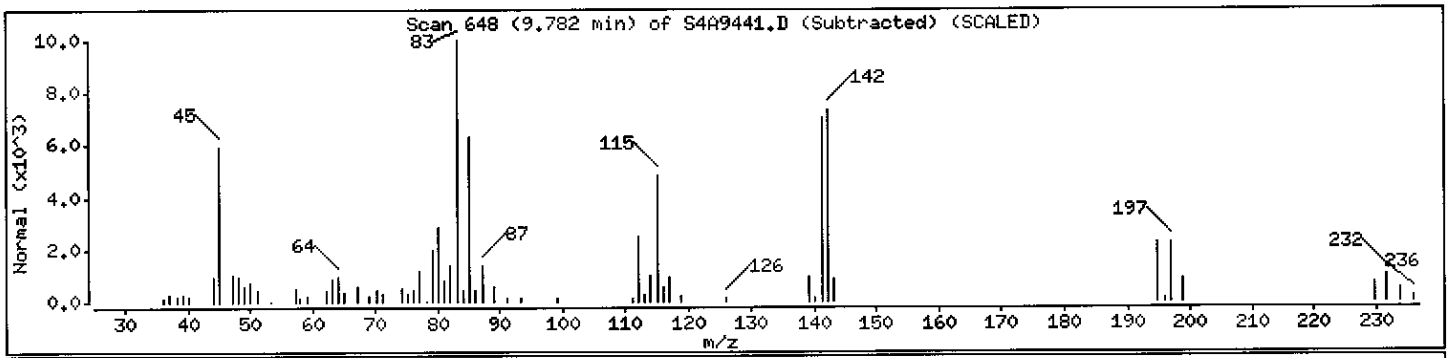
Client ID: SD07-S-M Instrument: S4.i

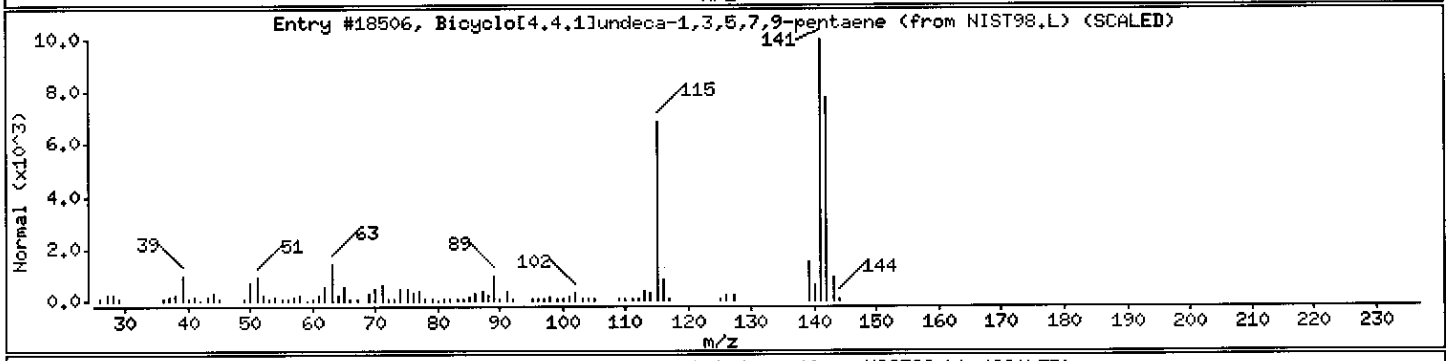
Sample Info: D0926-07A,,19468,,

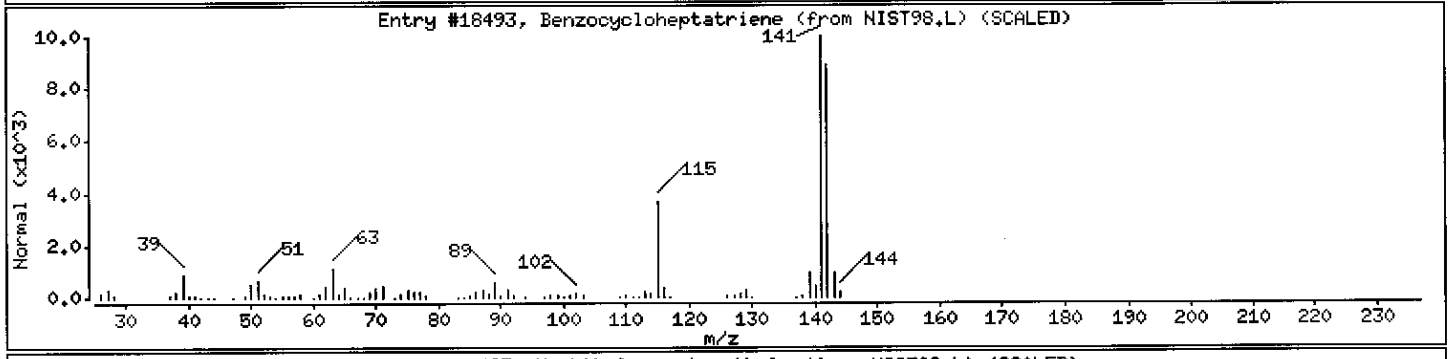
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

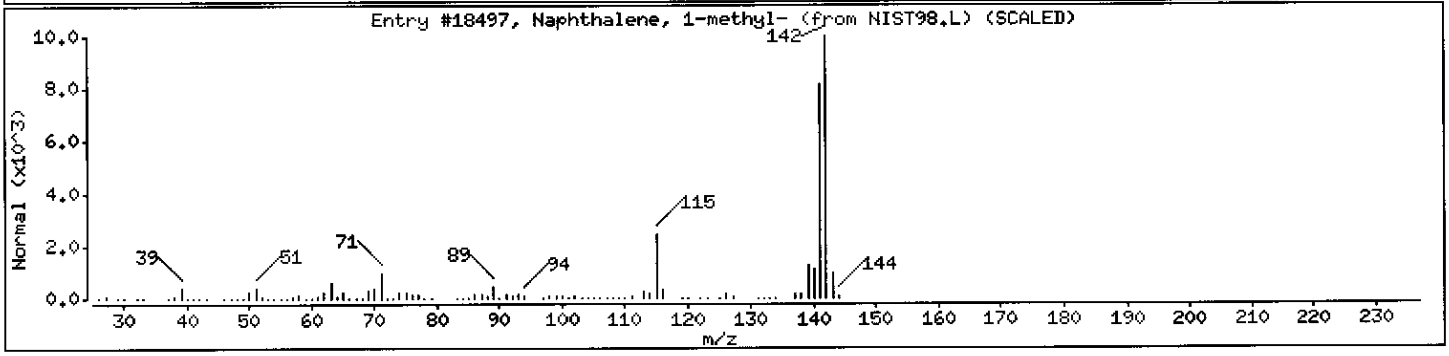
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Bicyclo[4.4.1]undeca-1,3,5,7,9-pentaene	2443-46-1	NIST98.L	18506	46	C11H10	142
Benzocycloheptatriene	264-09-5	NIST98.L	18493	46	C11H10	142
** Naphthalene, 1-methyl-	90-12-0	NIST98.L	18497	46	C11H10	142









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

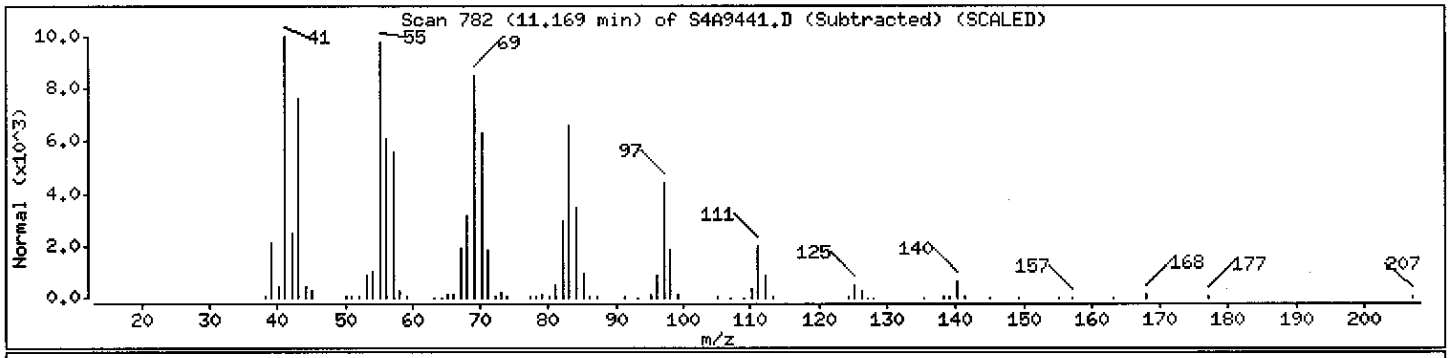
Volume Injected (uL): 2.0

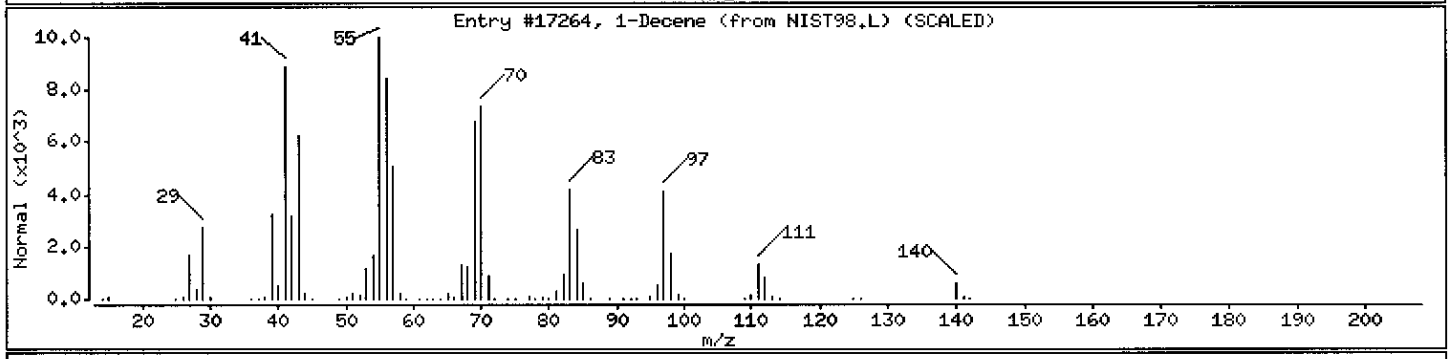
Operator: AW SRC: LIMS

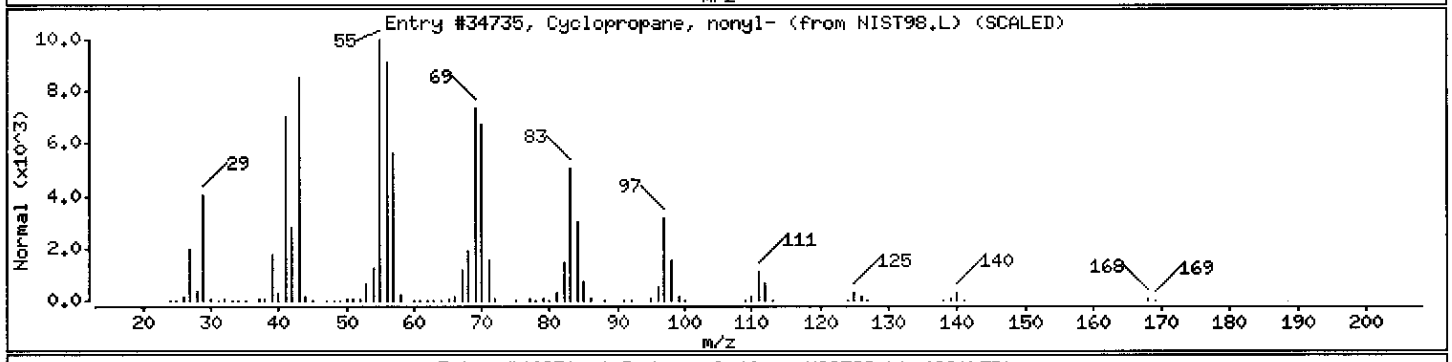
Column phase: DB-5MS

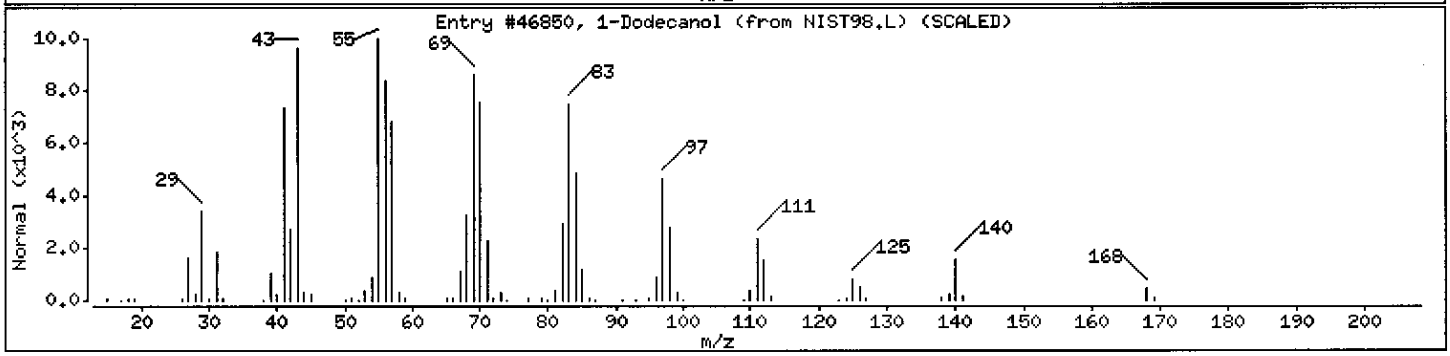
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Decene	872-05-9	NIST98.L	17264	94	C10H20	140
Cyclopropane, nonyl-	74663-85-7	NIST98.L	34735	93	C12H24	168
1-Dodecanol	112-53-8	NIST98.L	46850	91	C12H26O	186









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

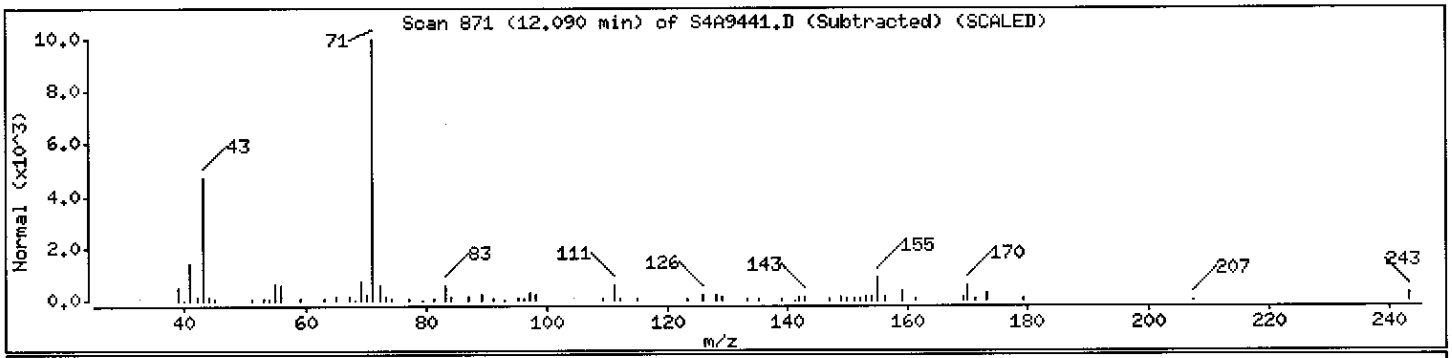
Volume Injected (uL): 2.0

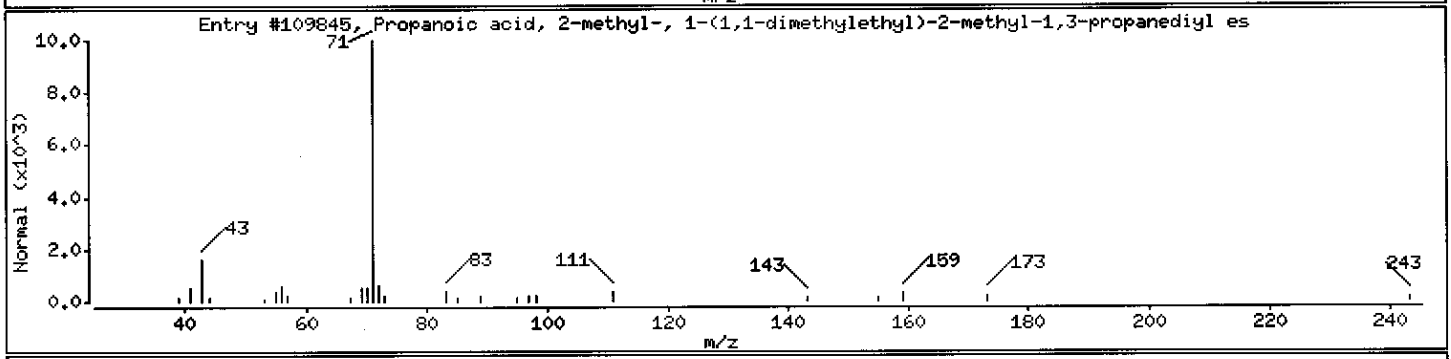
Operator: AW SRC: LIMS

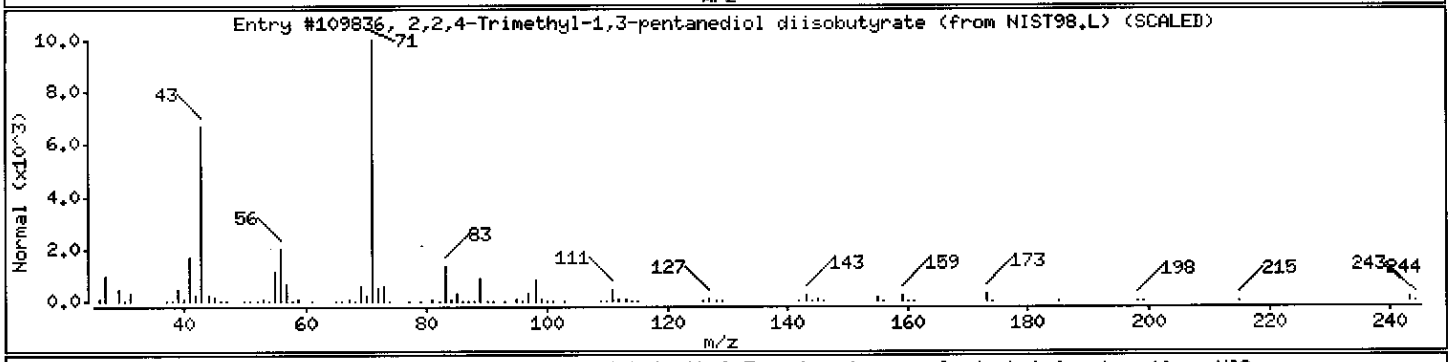
Column phase: DB-5MS

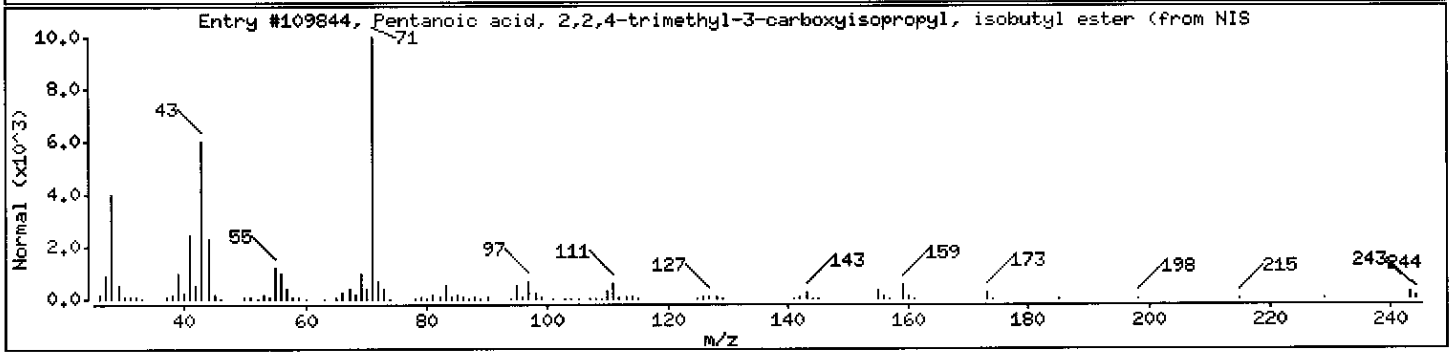
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Propanoic acid, 2-methyl-, 1-(1,1-dimeth	74381-40-1	NIST98.L	109845	78	C16H3004	286
2,2,4-Trimethyl-1,3-pentanediol diisobut	6846-50-0	NIST98.L	109836	72	C16H3004	286
Pentanoic acid, 2,2,4-trimethyl-3-carbox	1000140-77-5	NIST98.L	109844	64	C16H3004	286









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

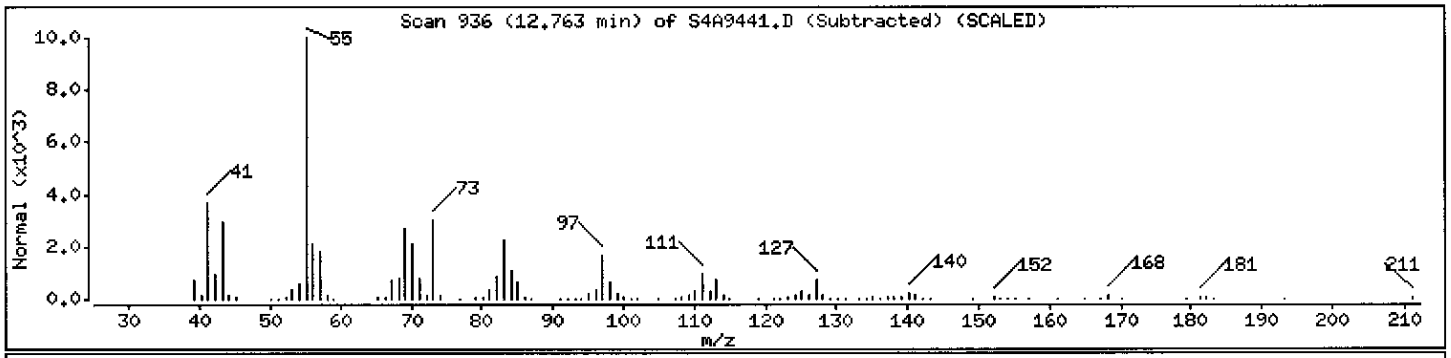
Volume Injected (uL): 2.0

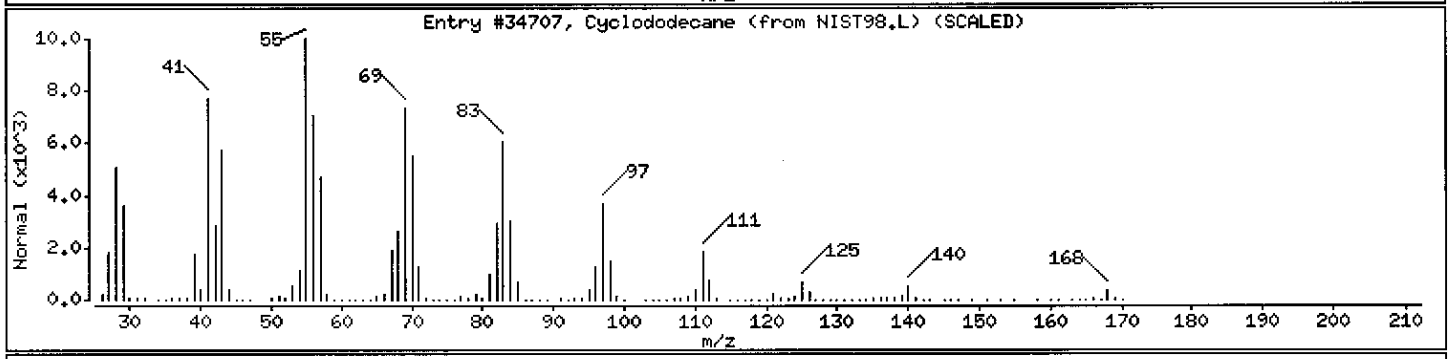
Operator: AW SRC: LIMS

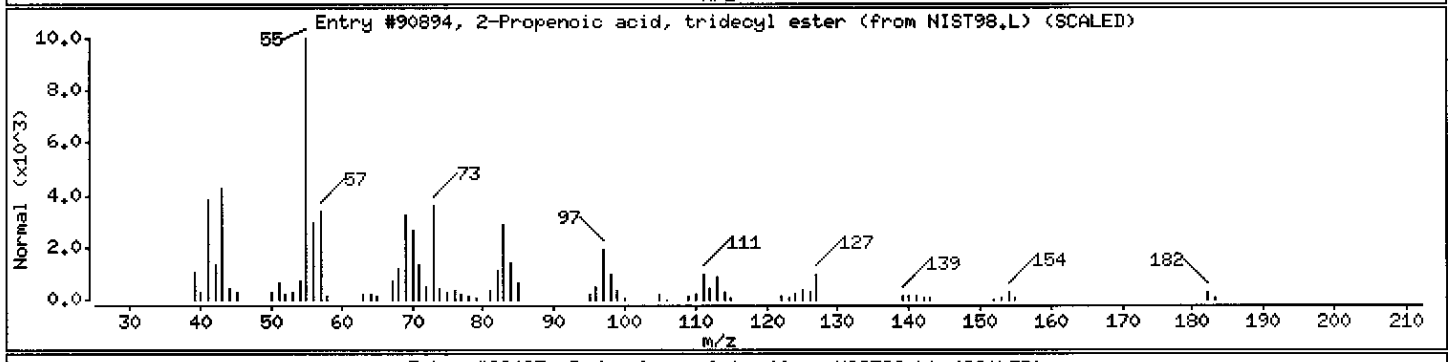
Column phase: DB-5MS

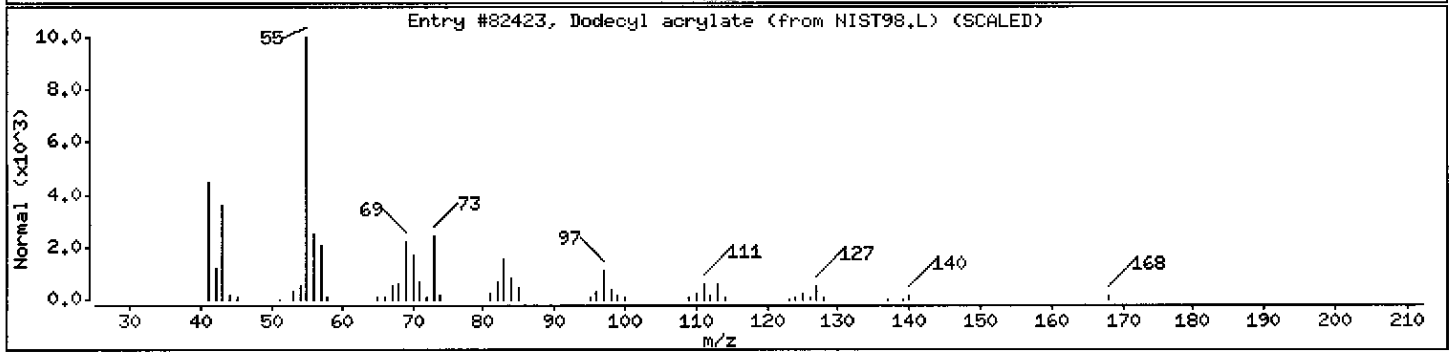
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34707	93	C12H24	168
2-Propenoic acid, tridecyl ester	3076-04-8	NIST98.L	90894	87	C16H3002	254
Dodecyl acrylate	2156-97-0	NIST98.L	82423	83	C15H2802	240









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

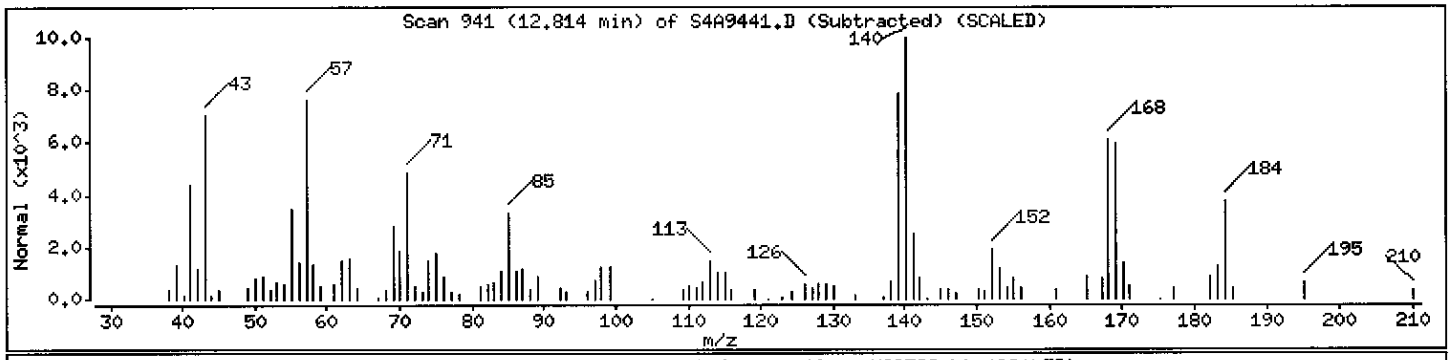
Volume Injected (uL): 2.0

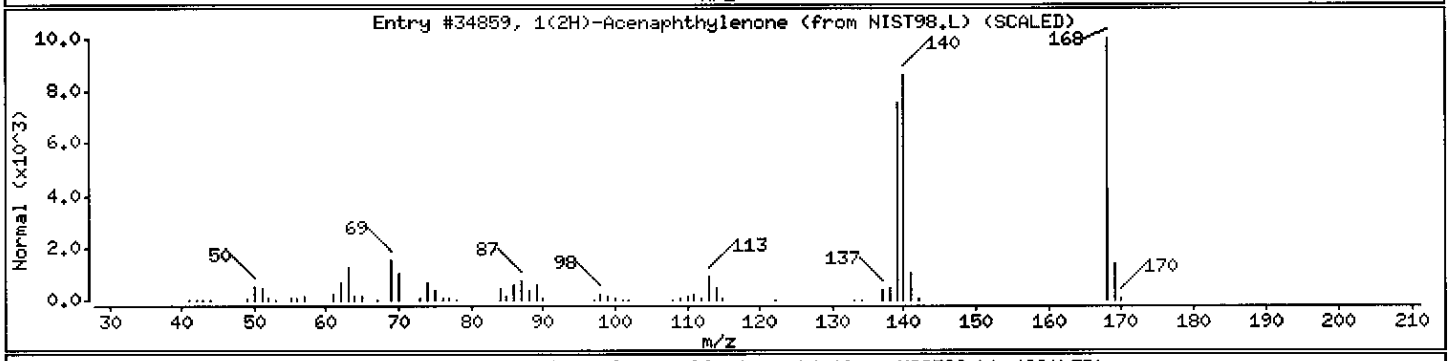
Operator: AW SRC: LIMS

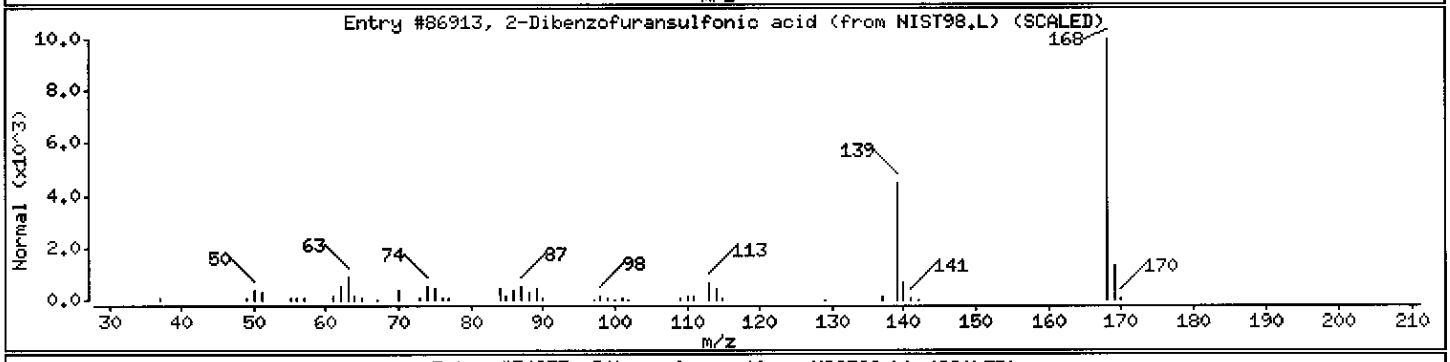
Column phase: DB-5MS

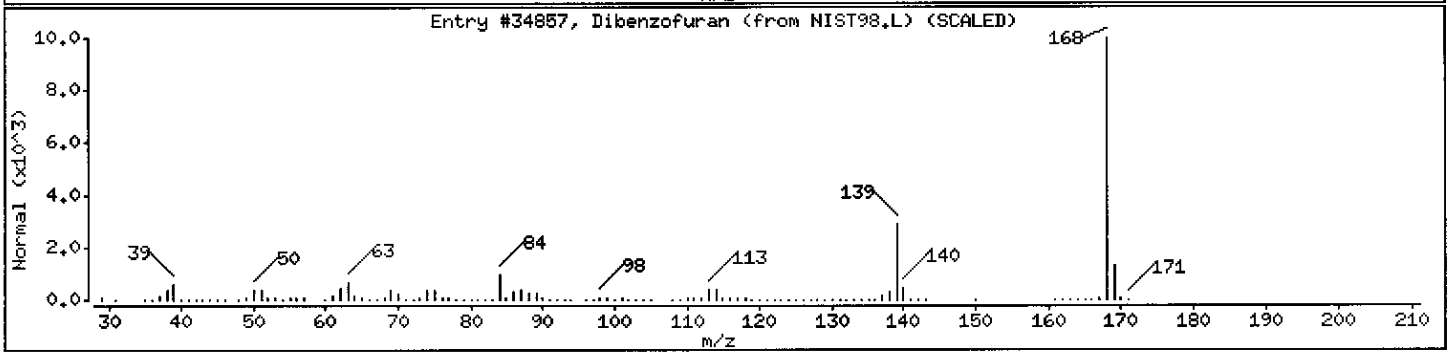
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1(2H)-Acenaphthylenone	2235-15-6	NIST98.L	34859	53	C12H8O	168
2-Dibenzofuransulfonic acid	83863-63-2	NIST98.L	86913	45	C12H8O4S	248
Dibenzofuran	132-64-9	NIST98.L	34857	42	C12H8O	168









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Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

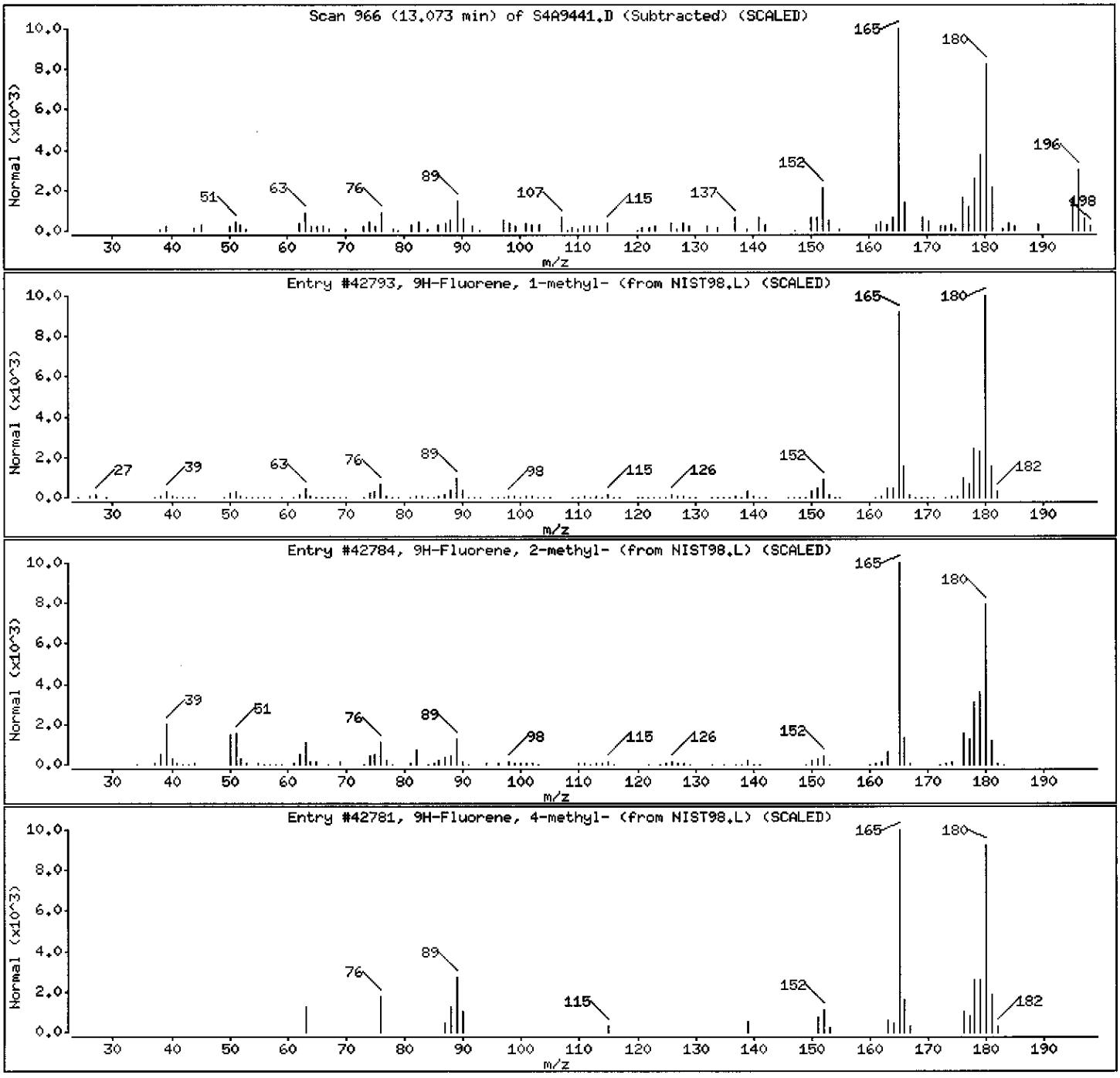
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
9H-Fluorene, 1-methyl-	1730-37-6	NIST98.L	42793	64	C14H12	180
9H-Fluorene, 2-methyl-	1430-97-3	NIST98.L	42784	64	C14H12	180
9H-Fluorene, 4-methyl-	1556-99-6	NIST98.L	42781	58	C14H12	180



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

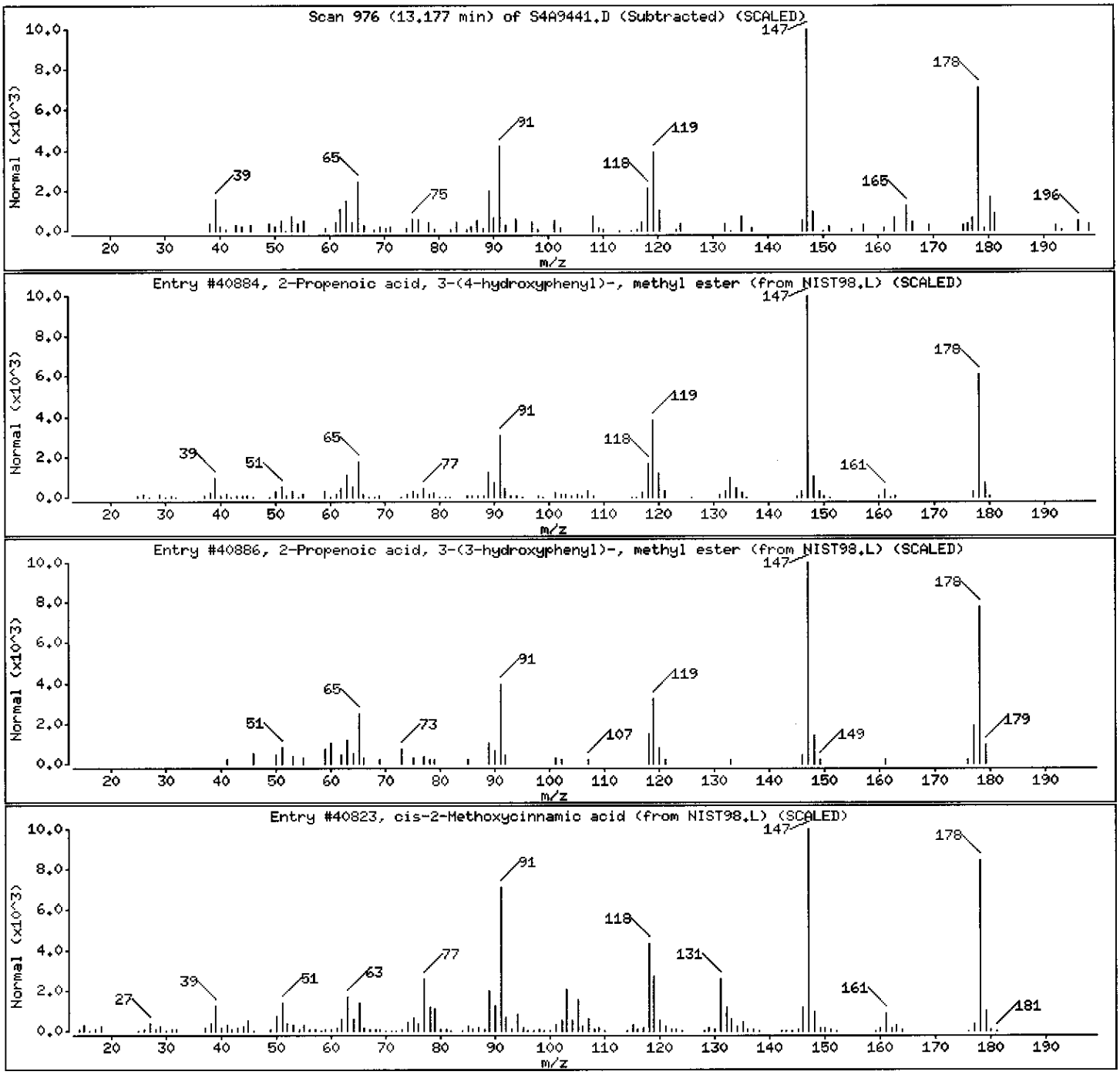
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Propenoic acid, 3-(4-hydroxyphenyl)-,	3943-97-3	NIST98.L	40884	68	C10H1003	178
2-Propenoic acid, 3-(3-hydroxyphenyl)-,	3943-95-1	NIST98.L	40886	52	C10H1003	178
cis-2-Methoxycinnamic acid	14737-91-8	NIST98.L	40823	47	C10H1003	178



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

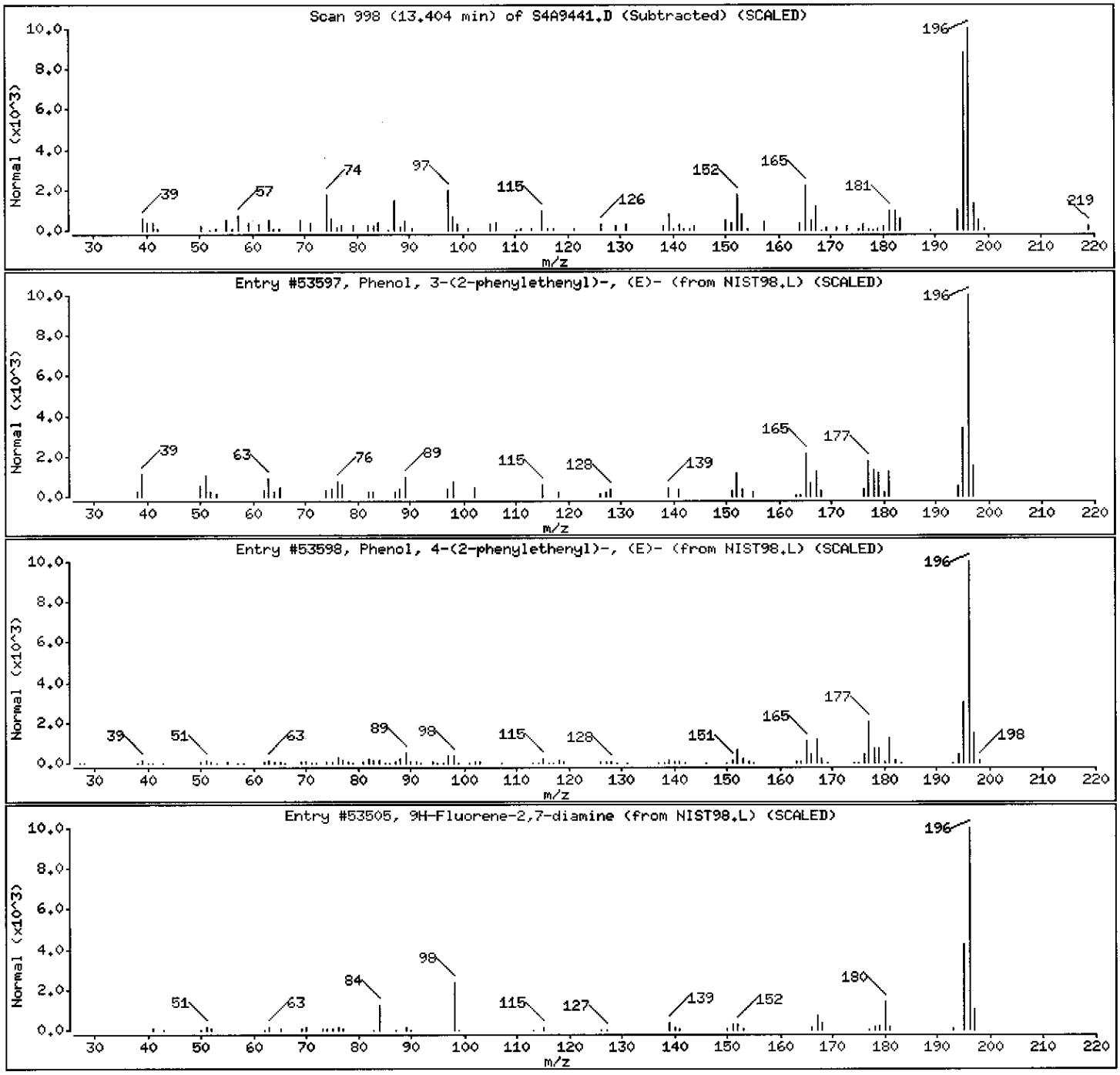
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Phenol, 3-(2-phenylethenyl)-, (E)-	17861-18-6	NIST98.L	53597	49	C14H12O	196
Phenol, 4-(2-phenylethenyl)-, (E)-	6554-98-9	NIST98.L	53598	46	C14H12O	196
9H-Fluorene-2,7-diamine	525-64-4	NIST98.L	53505	43	C13H12N2	196



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

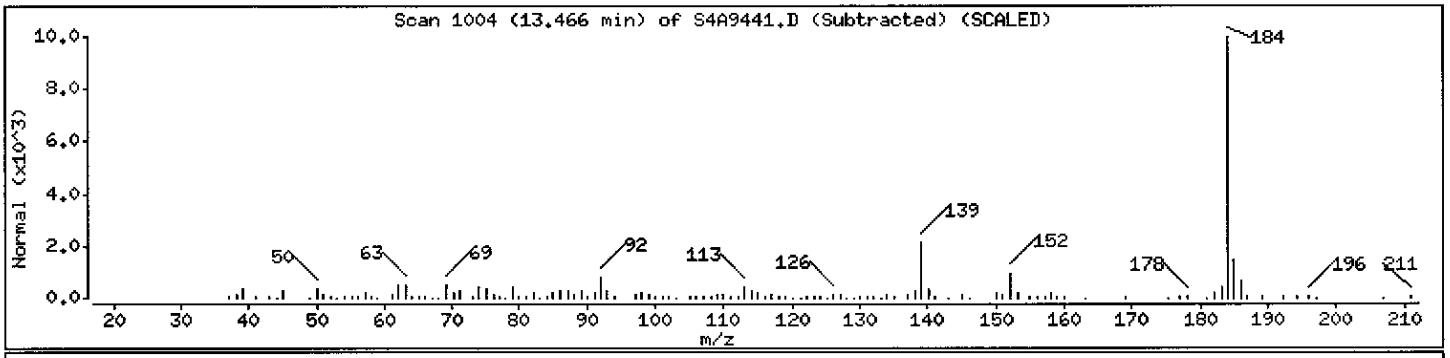
Volume Injected (uL): 2.0

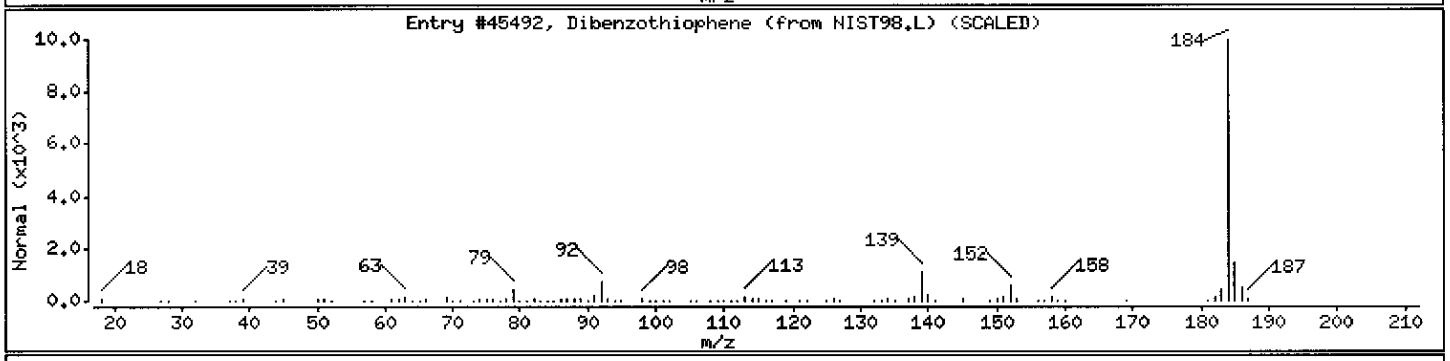
Operator: AW SRC: LIMS

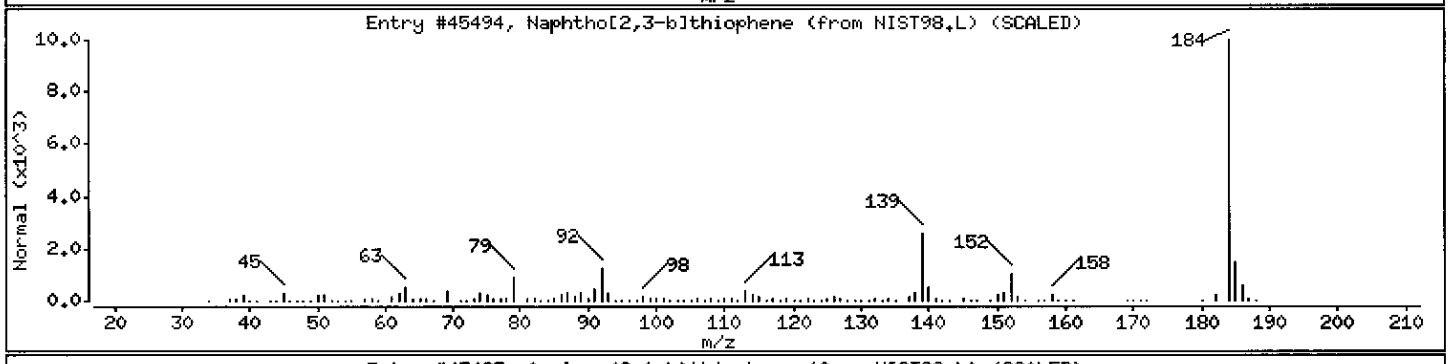
Column phase: DB-5MS

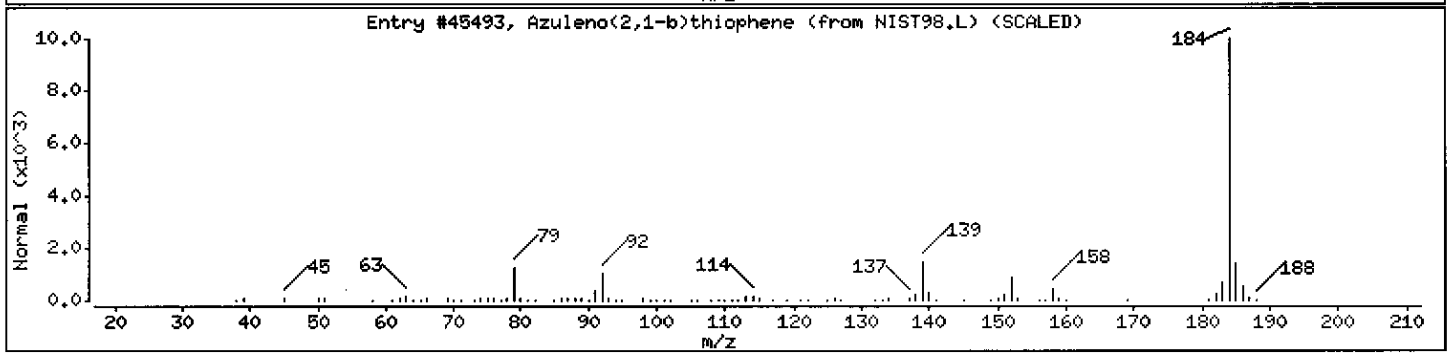
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dibenzothiophene	132-65-0	NIST98.L	45492	96	C12H8S	184
Naphtho[2,3-b]thiophene	268-77-9	NIST98.L	45494	96	C12H8S	184
Azuleno(2,1-b)thiophene	248-13-5	NIST98.L	45493	87	C12H8S	184









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Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

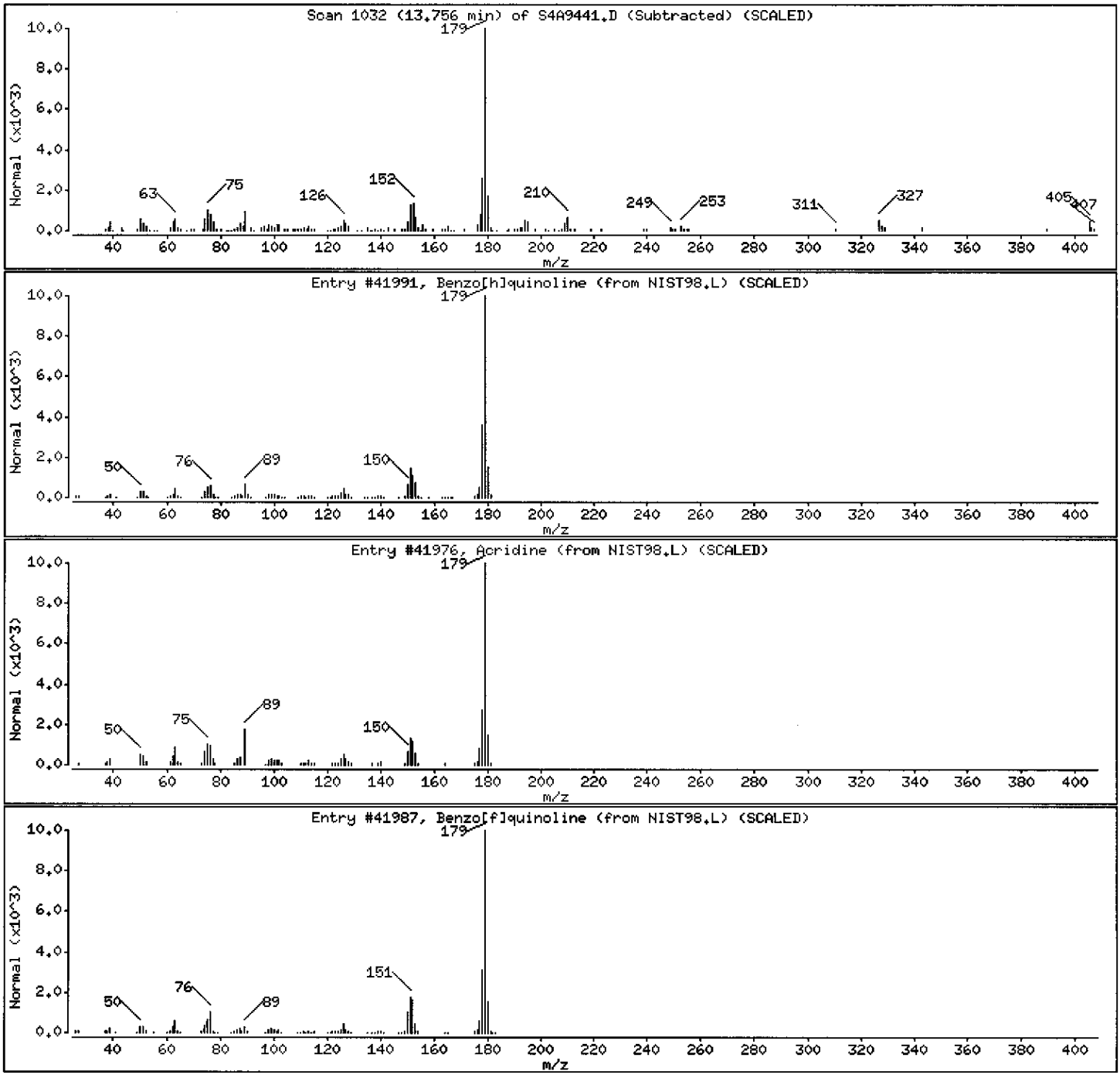
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo[h]quinoline	230-27-3	NIST98.L	41991	93	C13H9N	179
Acridine	260-94-6	NIST98.L	41976	91	C13H9N	179
Benzo[f]quinoline	85-02-9	NIST98.L	41987	87	C13H9N	179



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Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

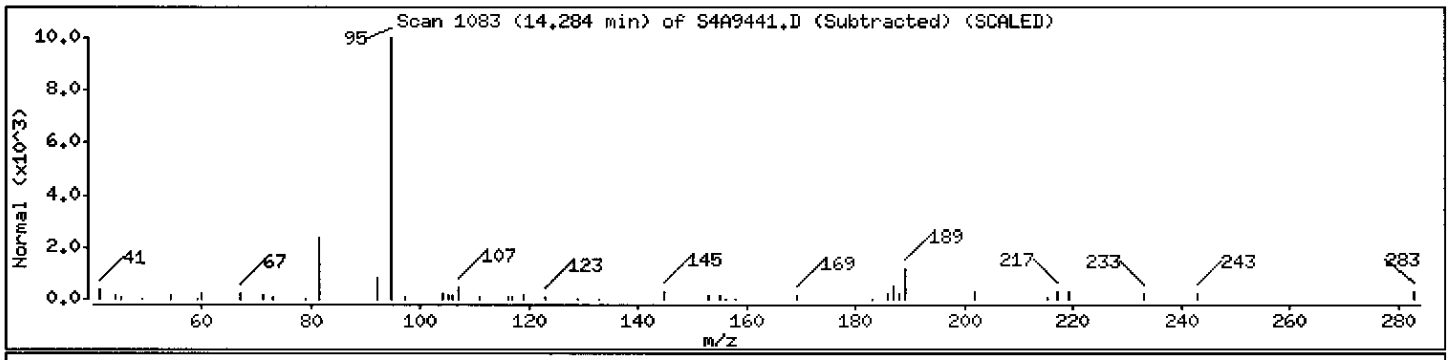
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

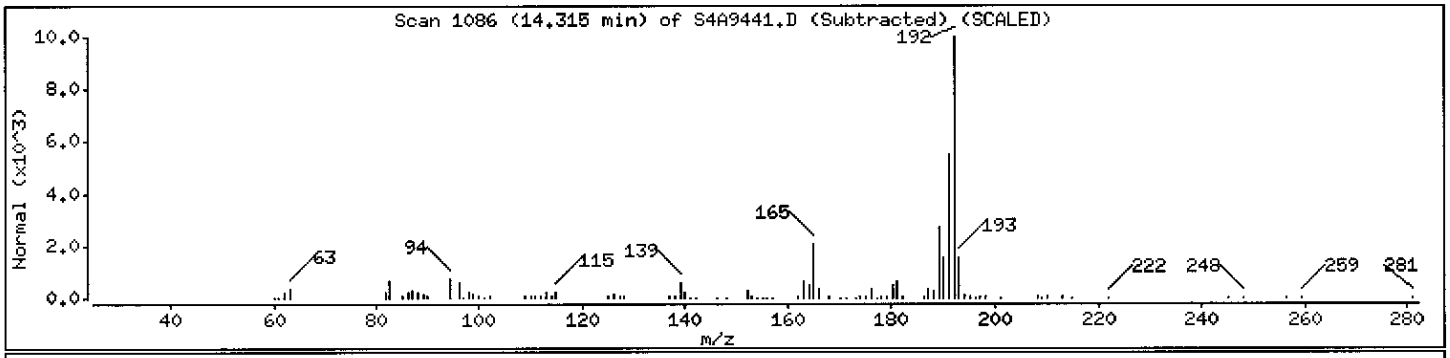
Volume Injected (uL): 2.0

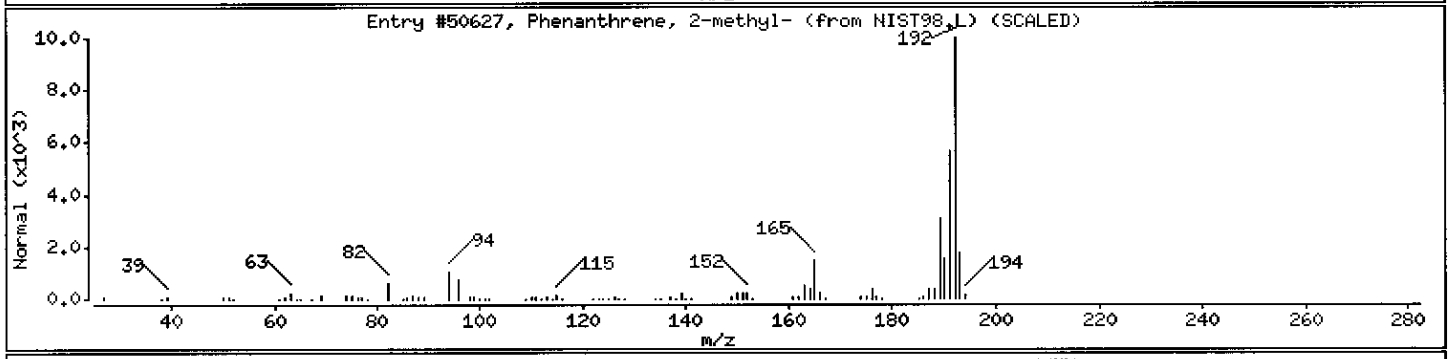
Operator: AW SRC: LIMS

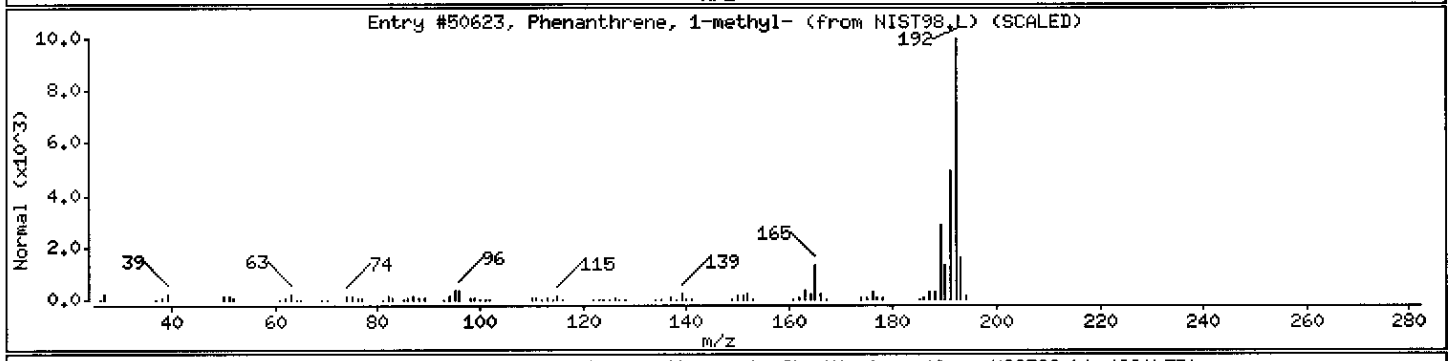
Column phase: DB-5MS

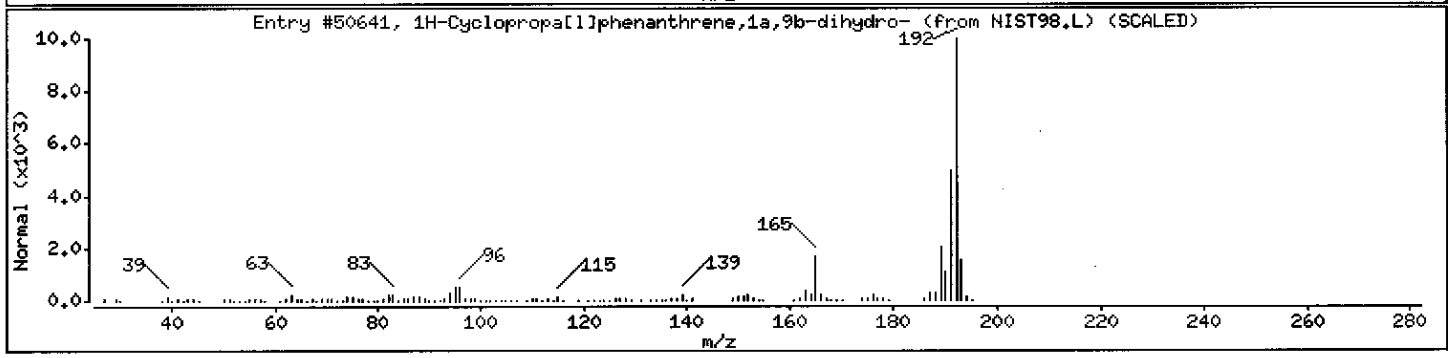
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 2-methyl-	2531-84-2	NIST98.L	50627	96	C15H12	192
Phenanthrene, 1-methyl-	832-69-9	NIST98.L	50623	95	C15H12	192
1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd	949-41-7	NIST98.L	50641	93	C15H12	192









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Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

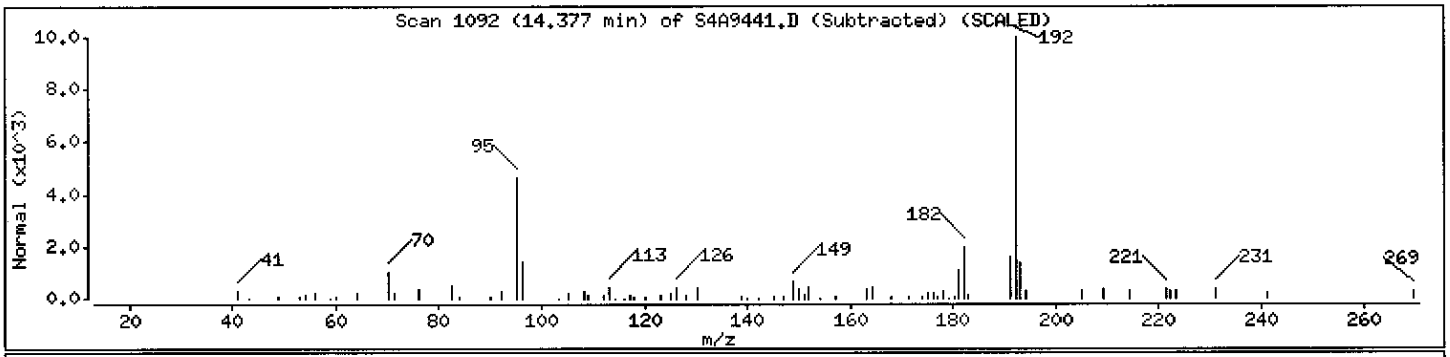
Volume Injected (uL): 2.0

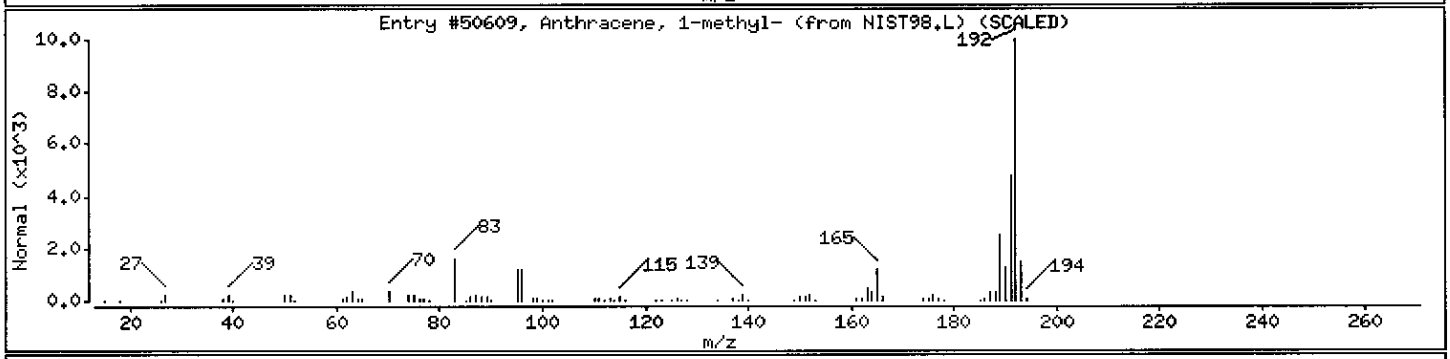
Operator: AW SRC: LIMS

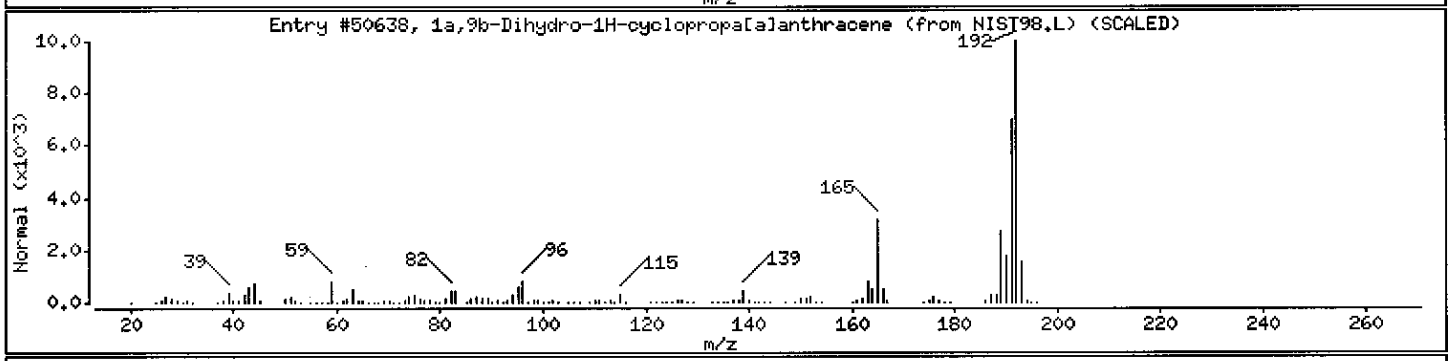
Column phase: DB-5MS

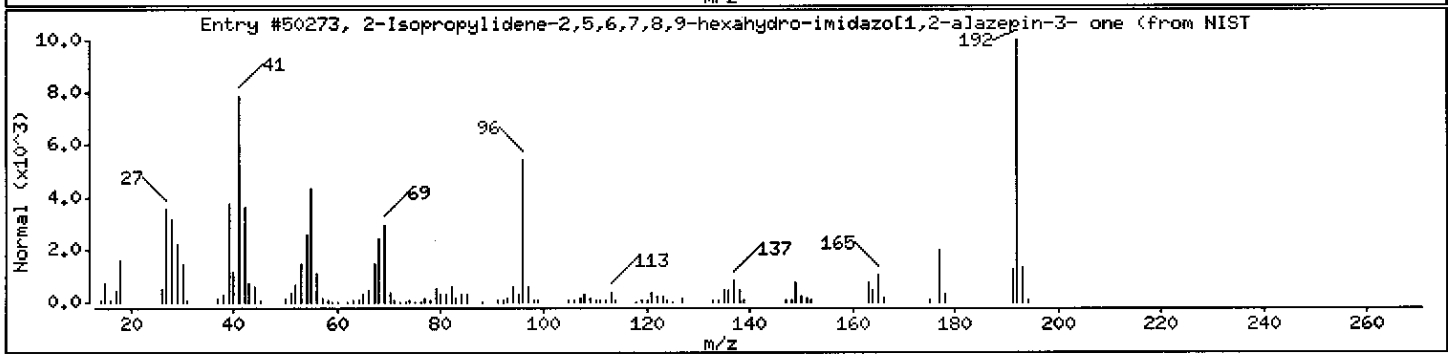
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Anthracene, 1-methyl-	610-48-0	NIST98.L	50609	43	C15H12	192
1a,9b-Dihydro-1H-cyclopropa[a]anthracene	6109-24-6	NIST98.L	50638	43	C15H12	192
2-Isopropylidene-2,5,6,7,8,9-hexahydro-i	172882-46-1	NIST98.L	50273	43	C11H16N2O	192









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Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

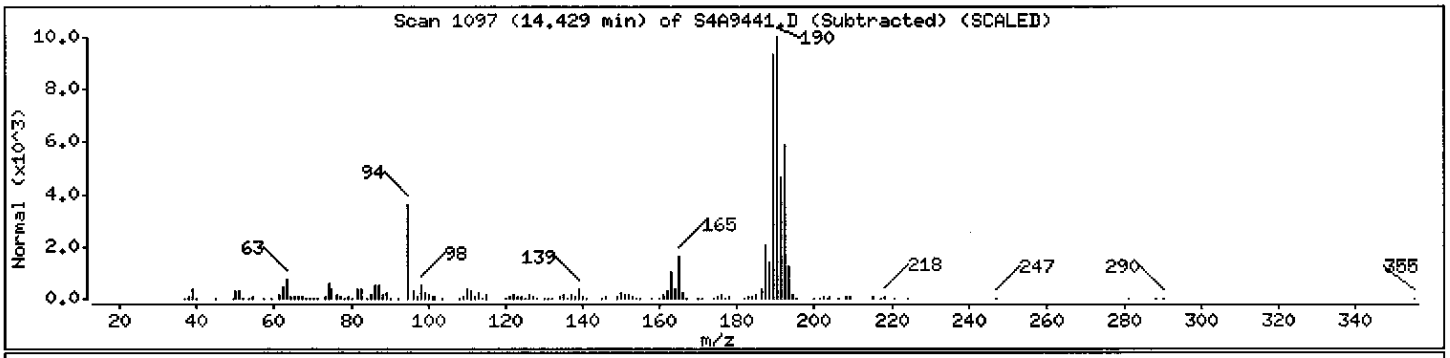
Volume Injected (uL): 2.0

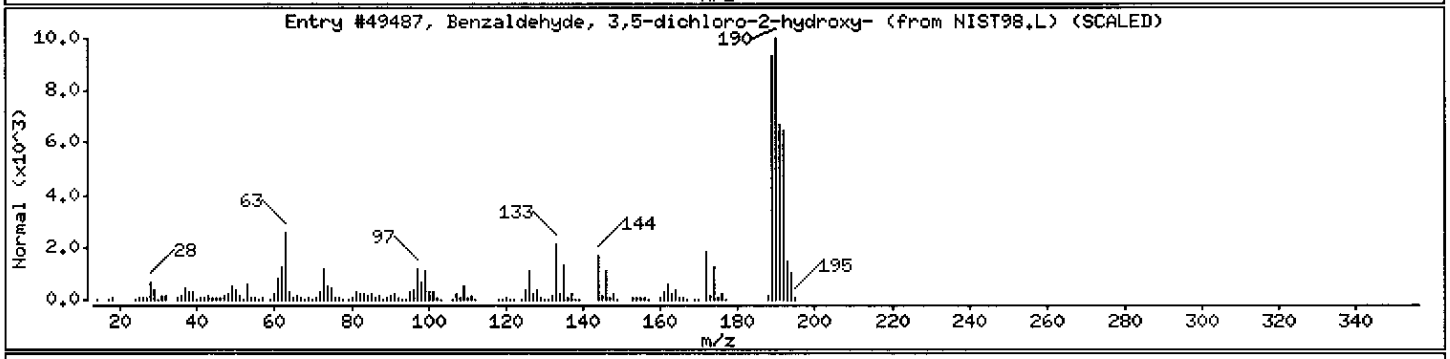
Operator: AW SRC: LIMS

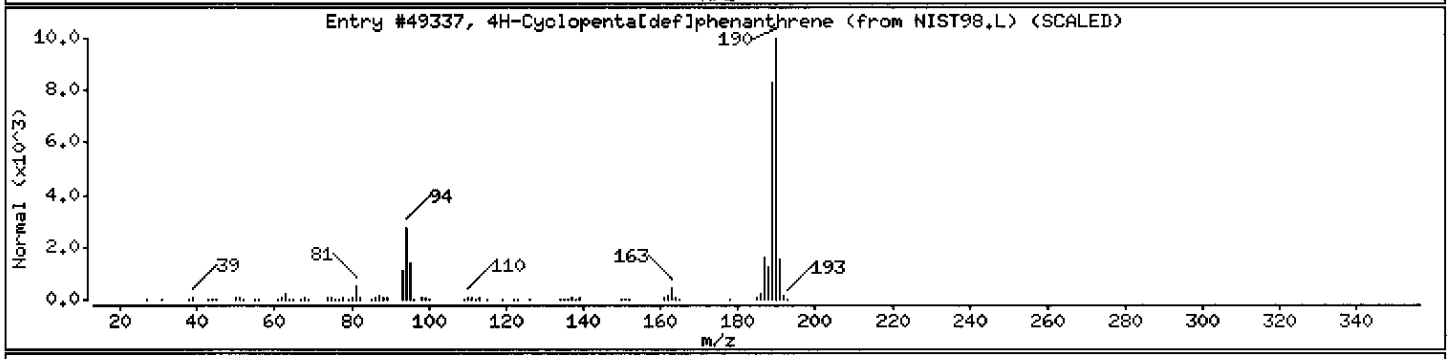
Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Benzaldehyde, 3,5-dichloro-2-hydroxy-	90-60-8	NIST98.L	49487	72	C7H4Cl2O2	190
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST98.L	49337	62	C15H10	190







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Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

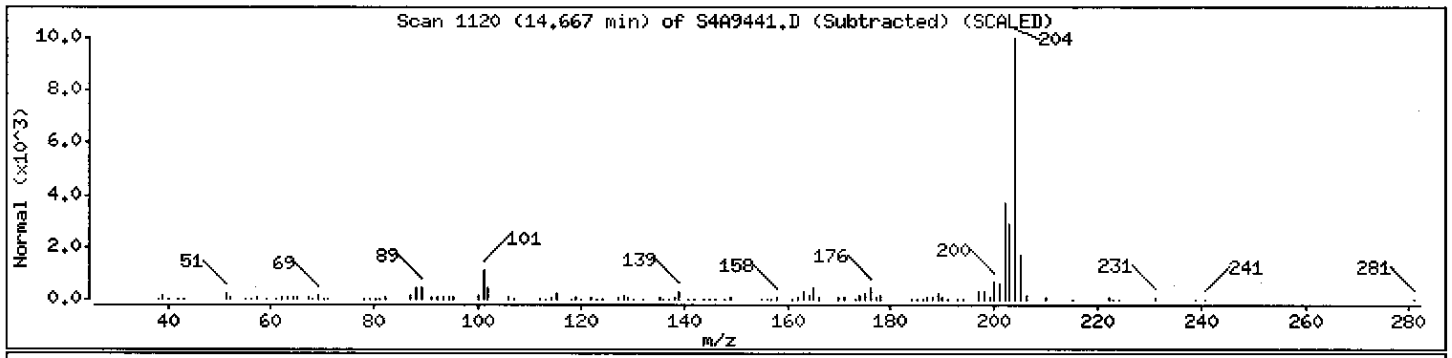
Volume Injected (uL): 2.0

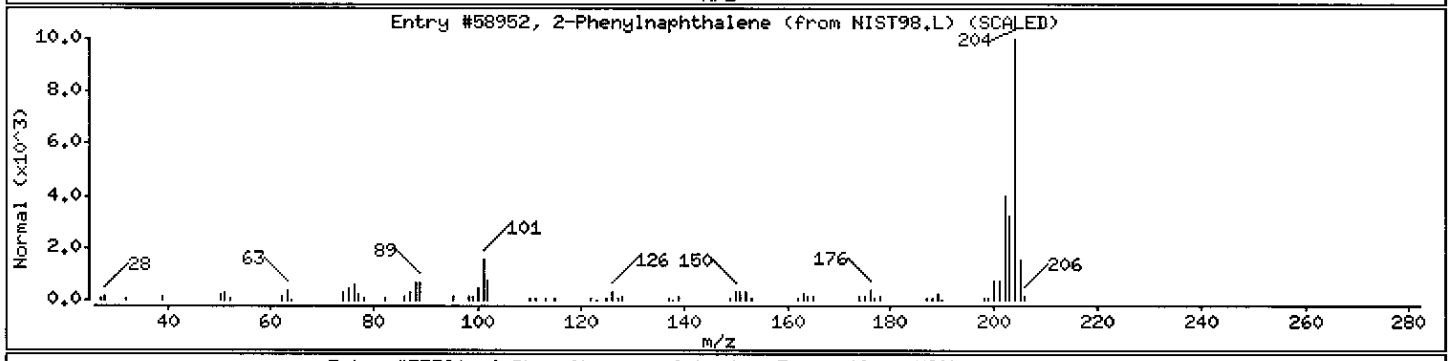
Operator: AW SRC: LIMS

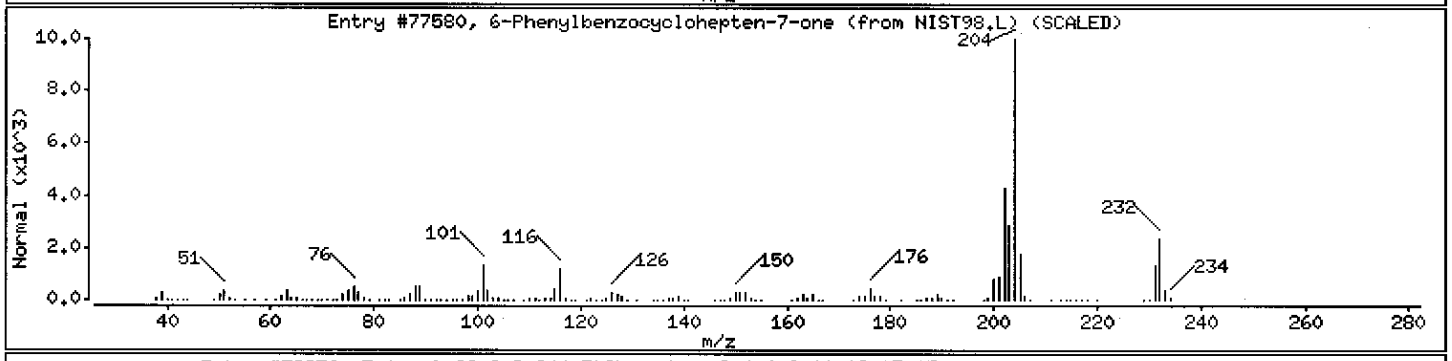
Column phase: DB-5MS

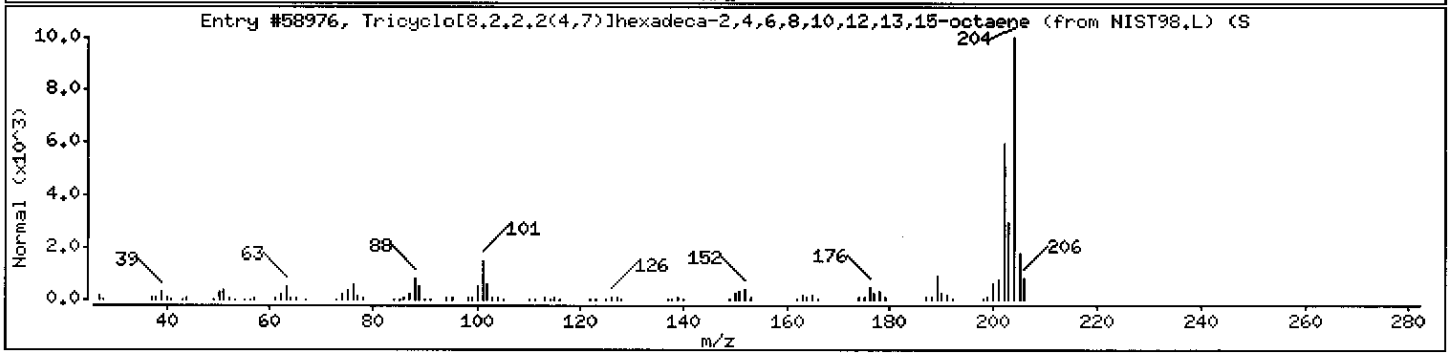
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Phenylnaphthalene	35465-71-5	NIST98.L	58952	93	C16H12	204
6-Phenylbenzocyclohepten-7-one	93327-56-1	NIST98.L	77580	90	C17H120	232
Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8,1	6572-60-7	NIST98.L	58976	87	C16H12	204









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Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

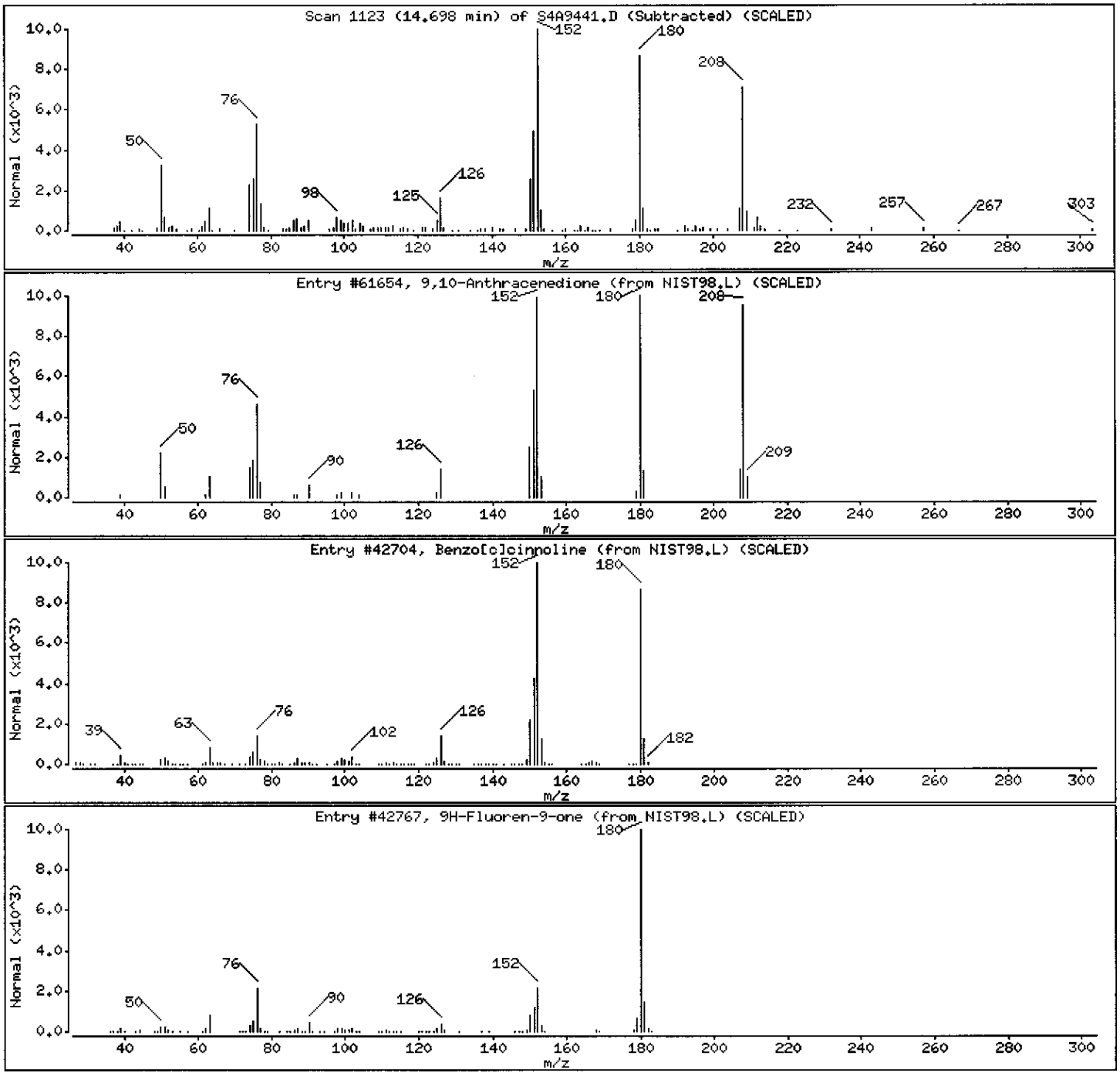
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
9,10-Anthracenedione	84-65-1	NIST98.L	61654	98	C14H8O2	208
Benzo[c]cinnoline	230-17-1	NIST98.L	42704	93	C12H8N2	180
9H-Fluoren-9-one	486-25-9	NIST98.L	42767	91	C13H8O	180



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Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

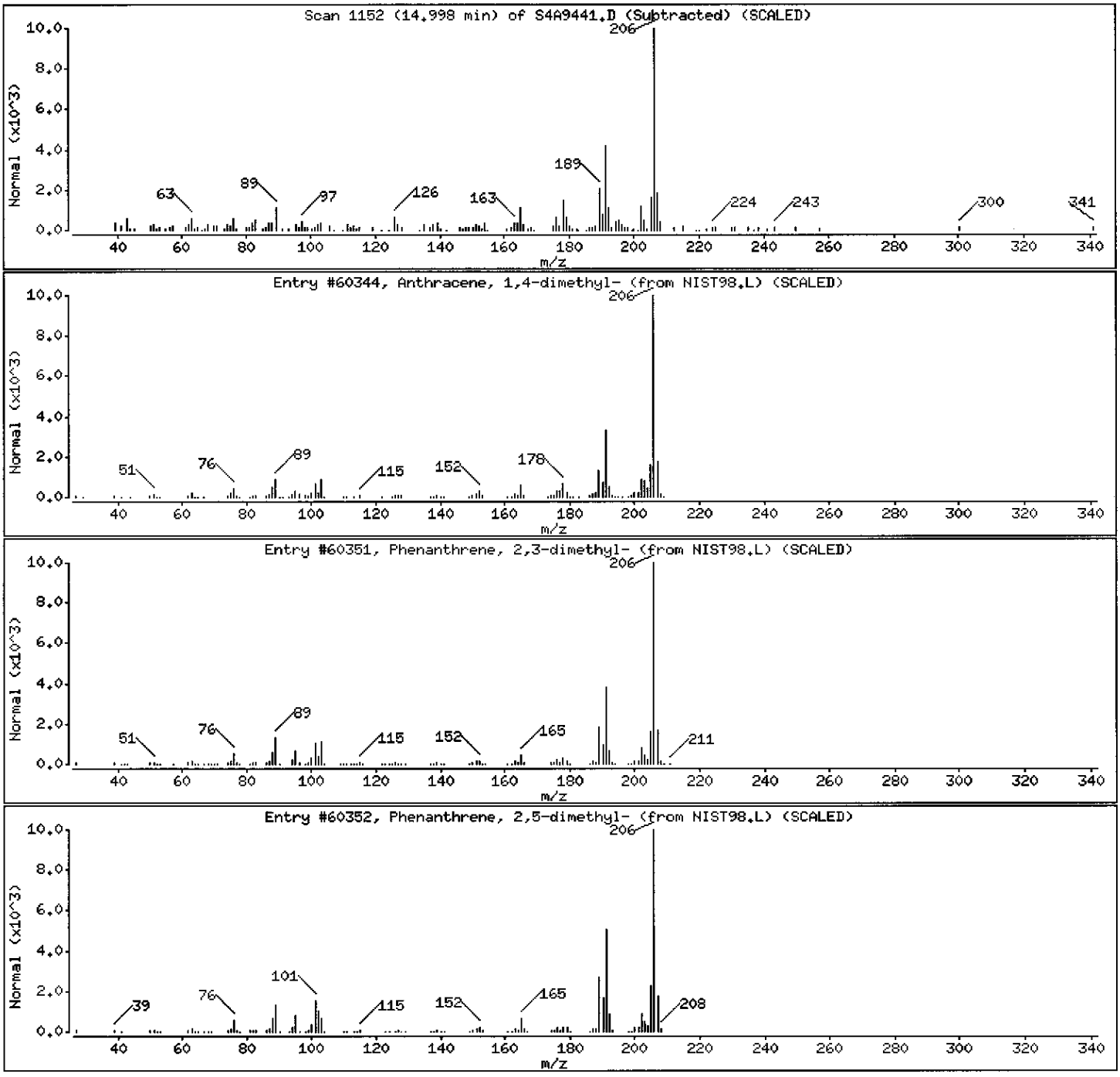
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Anthracene, 1,4-dimethyl-	781-92-0	NIST98.L	60344	91	C16H14	206
Phenanthrene, 2,3-dimethyl-	3674-65-5	NIST98.L	60351	87	C16H14	206
Phenanthrene, 2,5-dimethyl-	3674-66-6	NIST98.L	60352	87	C16H14	206



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Date : 24-AUG-2005 23:23

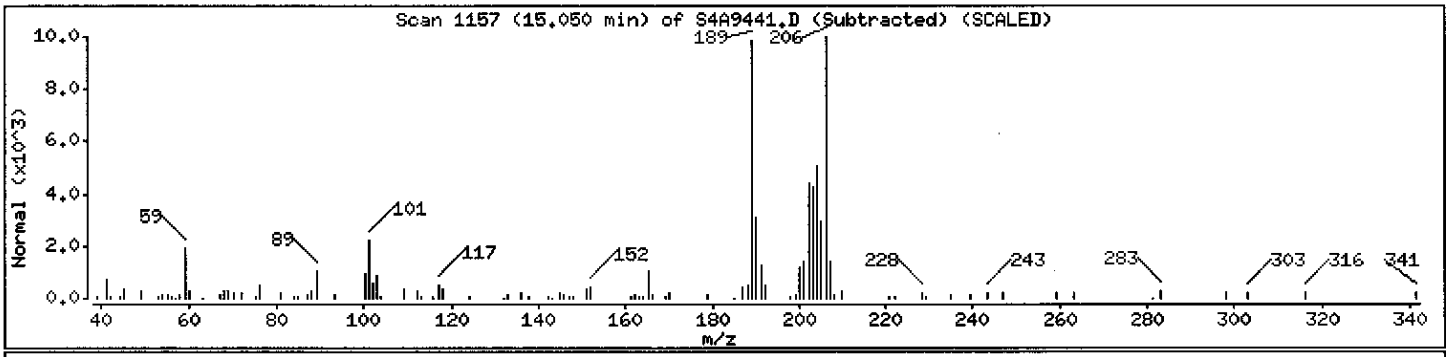
Client ID: SD07-S-M Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

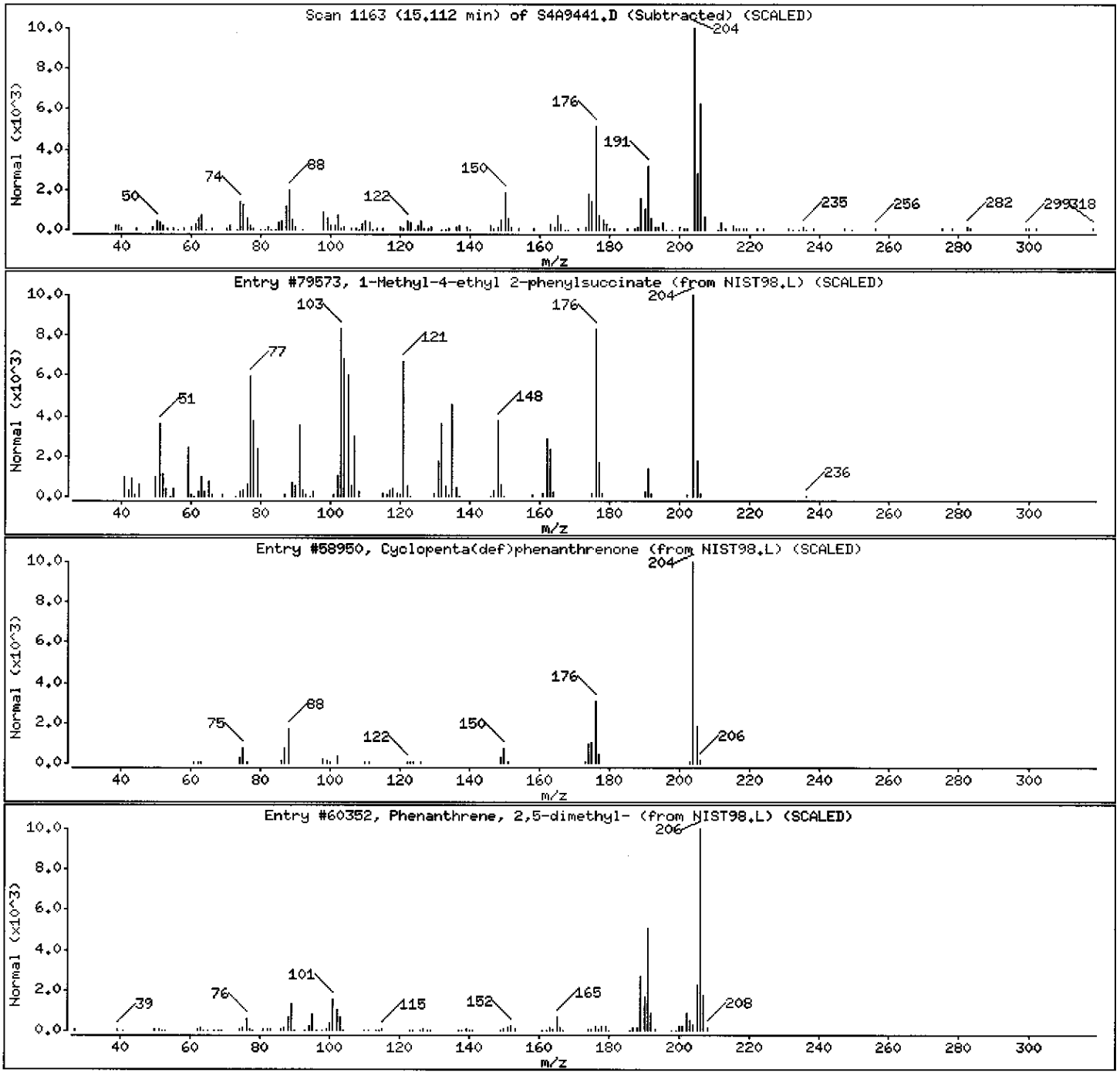
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Methyl-4-ethyl 2-phenylsuccinate	132545-36-9	NIST98.L	79573	89	C13H1604	236
Cyclopenta(def)phenanthrenone	5737-13-3	NIST98.L	58950	60	C15H8O	204
Phenanthrene, 2,5-dimethyl-	3674-66-6	NIST98.L	60352	42	C16H14	206



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Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

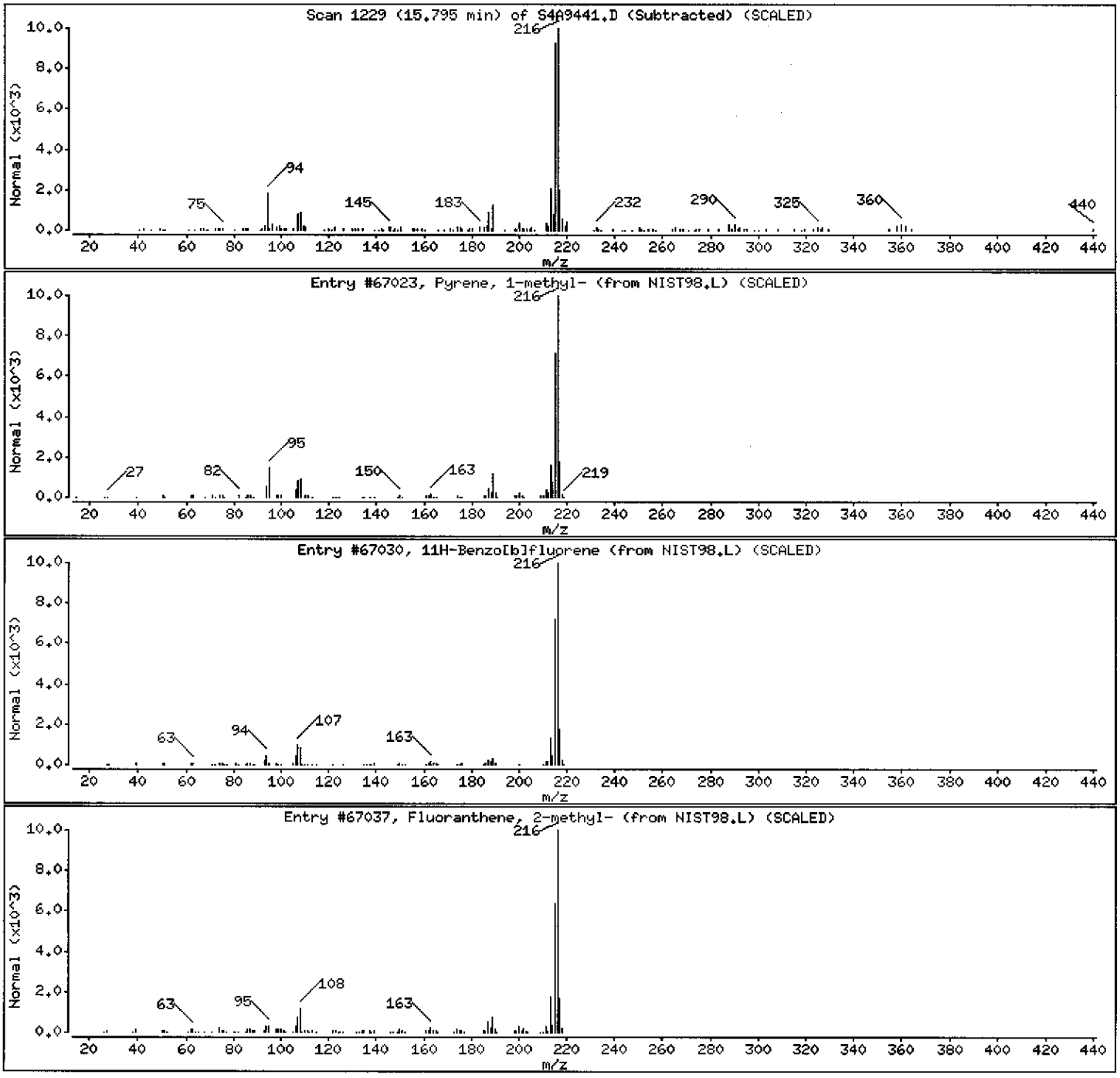
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pyrene, 1-methyl-	2381-21-7	NIST98.L	67023	93	C17H12	216
11H-Benzo[b]fluorene	243-17-4	NIST98.L	67030	93	C17H12	216
Fluoranthene, 2-methyl-	33543-31-6	NIST98.L	67037	90	C17H12	216



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Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

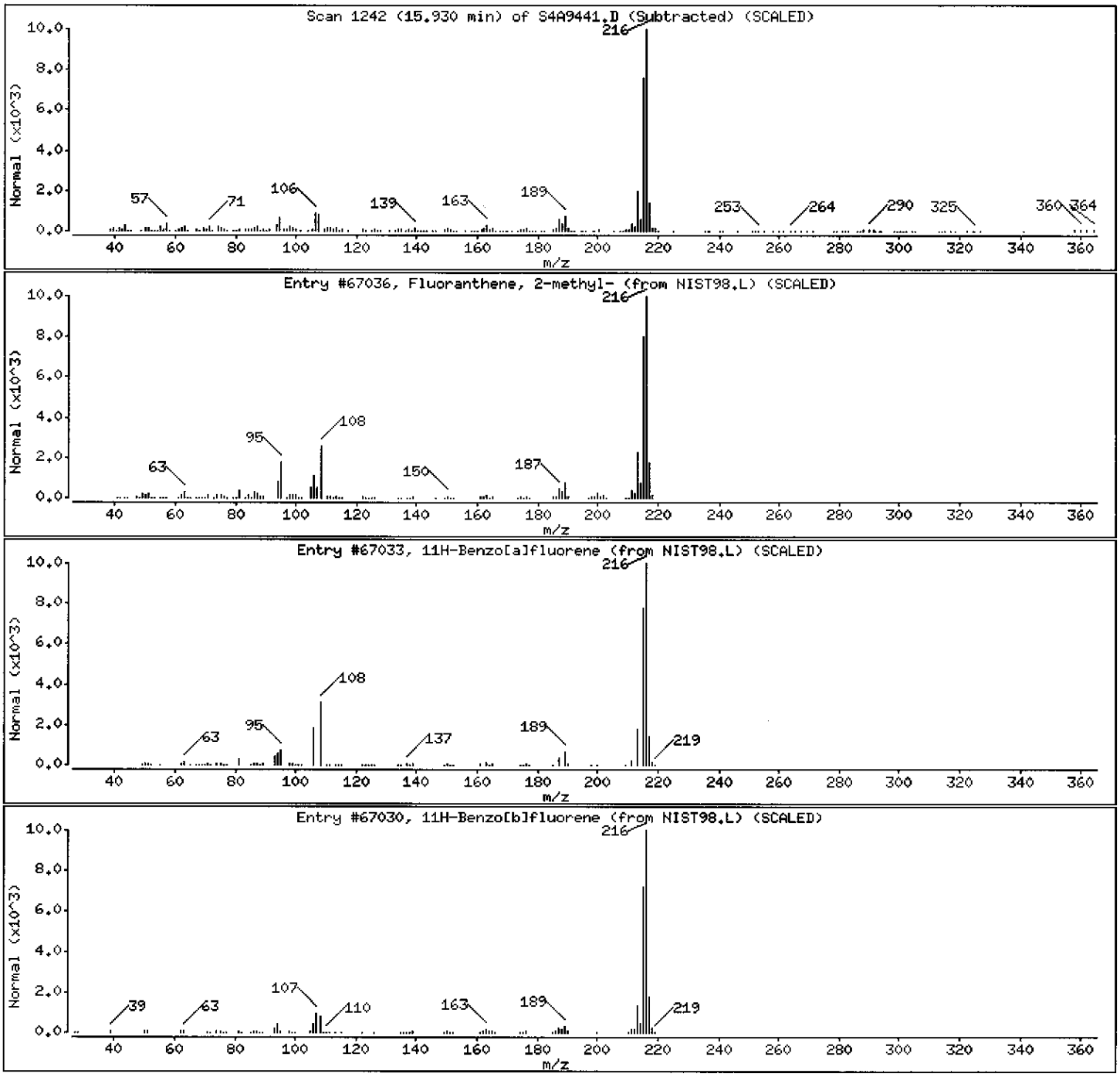
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Fluoranthene, 2-methyl-	33543-31-6	NIST98.L	67036	94	C17H12	216
11H-Benzo[a]fluorene	238-84-6	NIST98.L	67033	93	C17H12	216
11H-Benzo[b]fluorene	243-17-4	NIST98.L	67030	91	C17H12	216



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Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

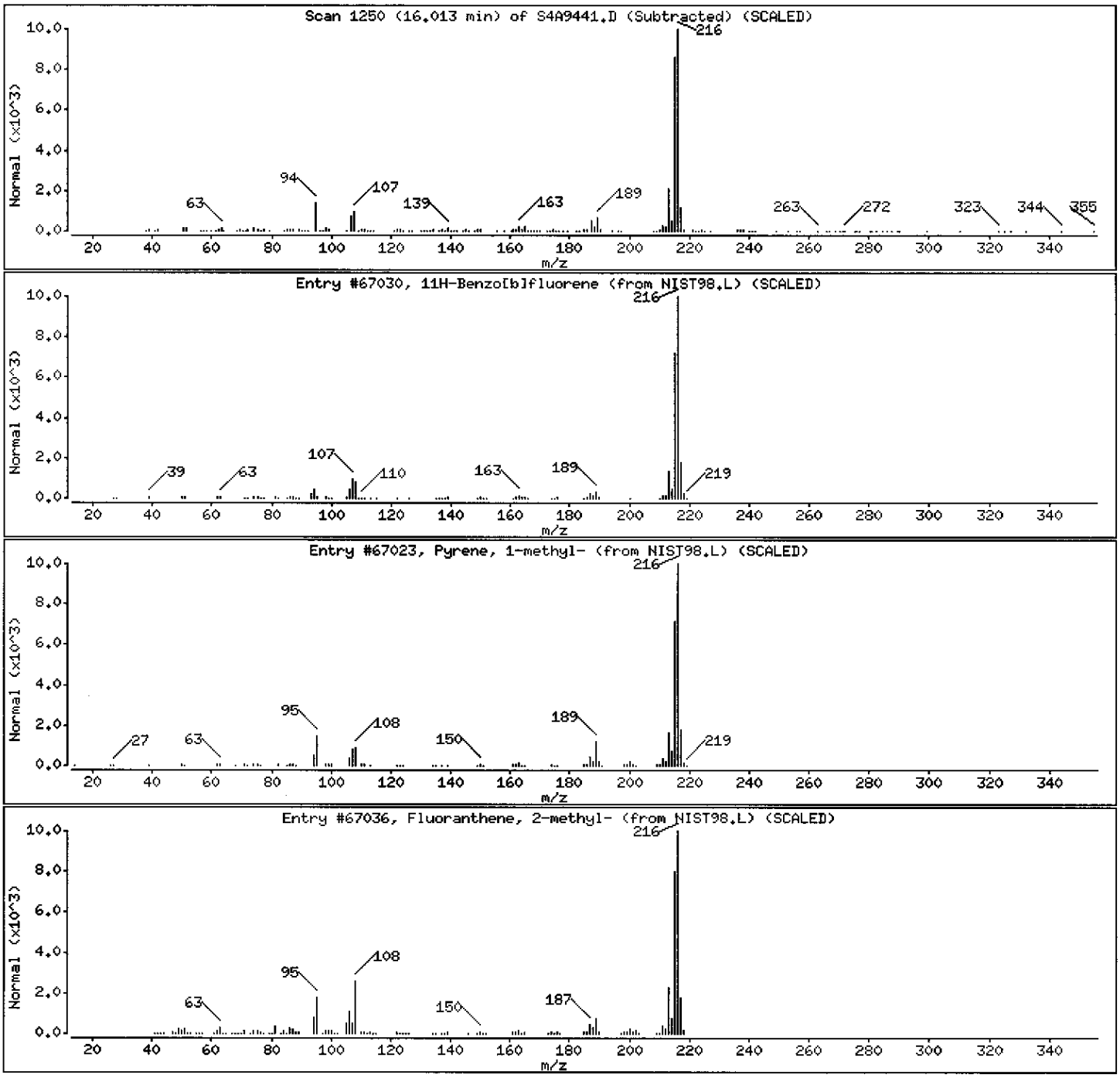
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Benzo[b]fluorene	243-17-4	NIST98.L	67030	87	C17H12	216
Pyrene, 1-methyl-	2381-21-7	NIST98.L	67023	87	C17H12	216
Fluoranthene, 2-methyl-	33543-31-6	NIST98.L	67036	80	C17H12	216



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Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

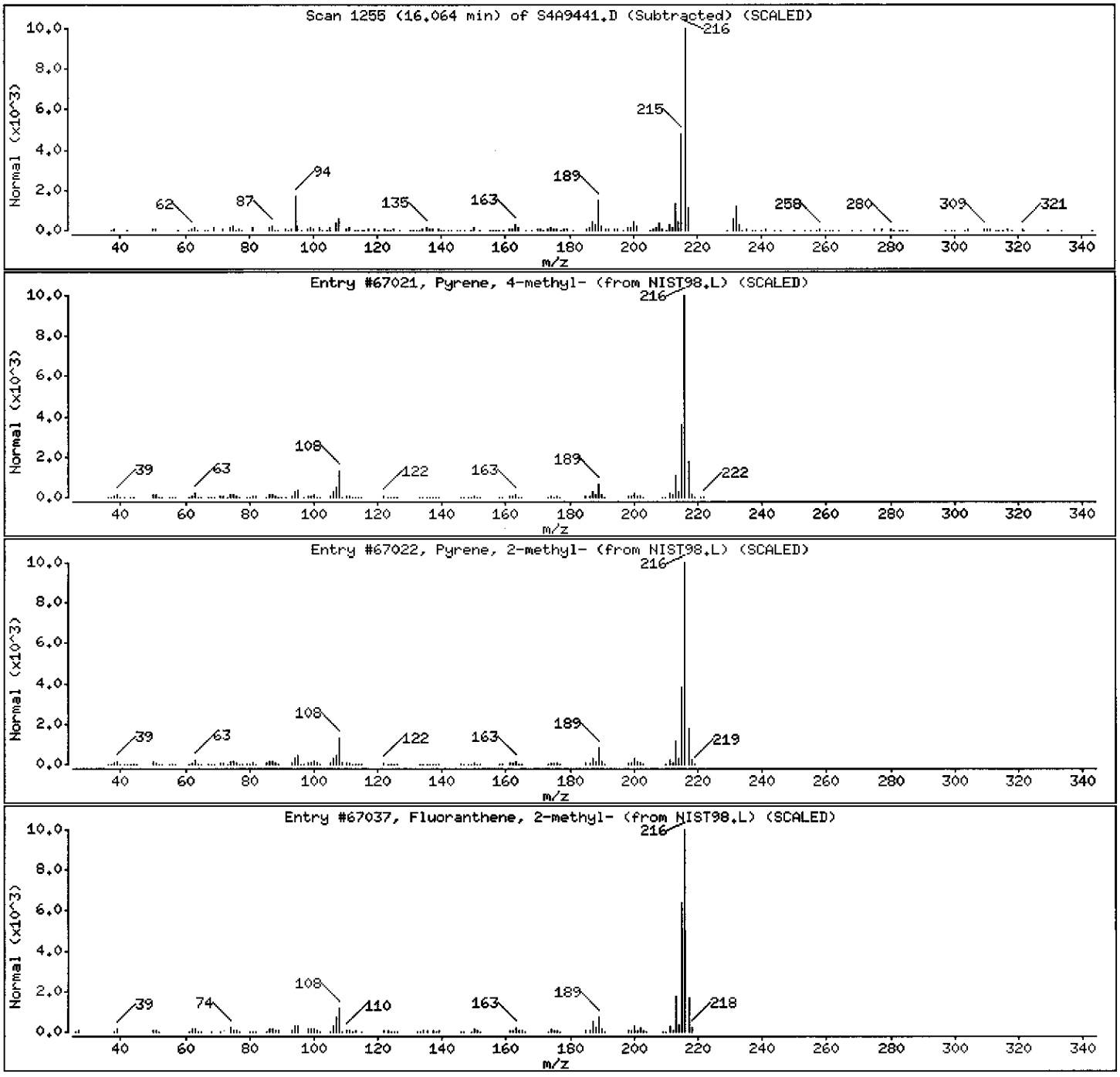
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Pyrene, 4-methyl-	3353-12-6	NIST98.L	67021	81	C17H12	216
Pyrene, 2-methyl-	3442-78-2	NIST98.L	67022	81	C17H12	216
Fluoranthene, 2-methyl-	33543-31-6	NIST98.L	67037	50	C17H12	216



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Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

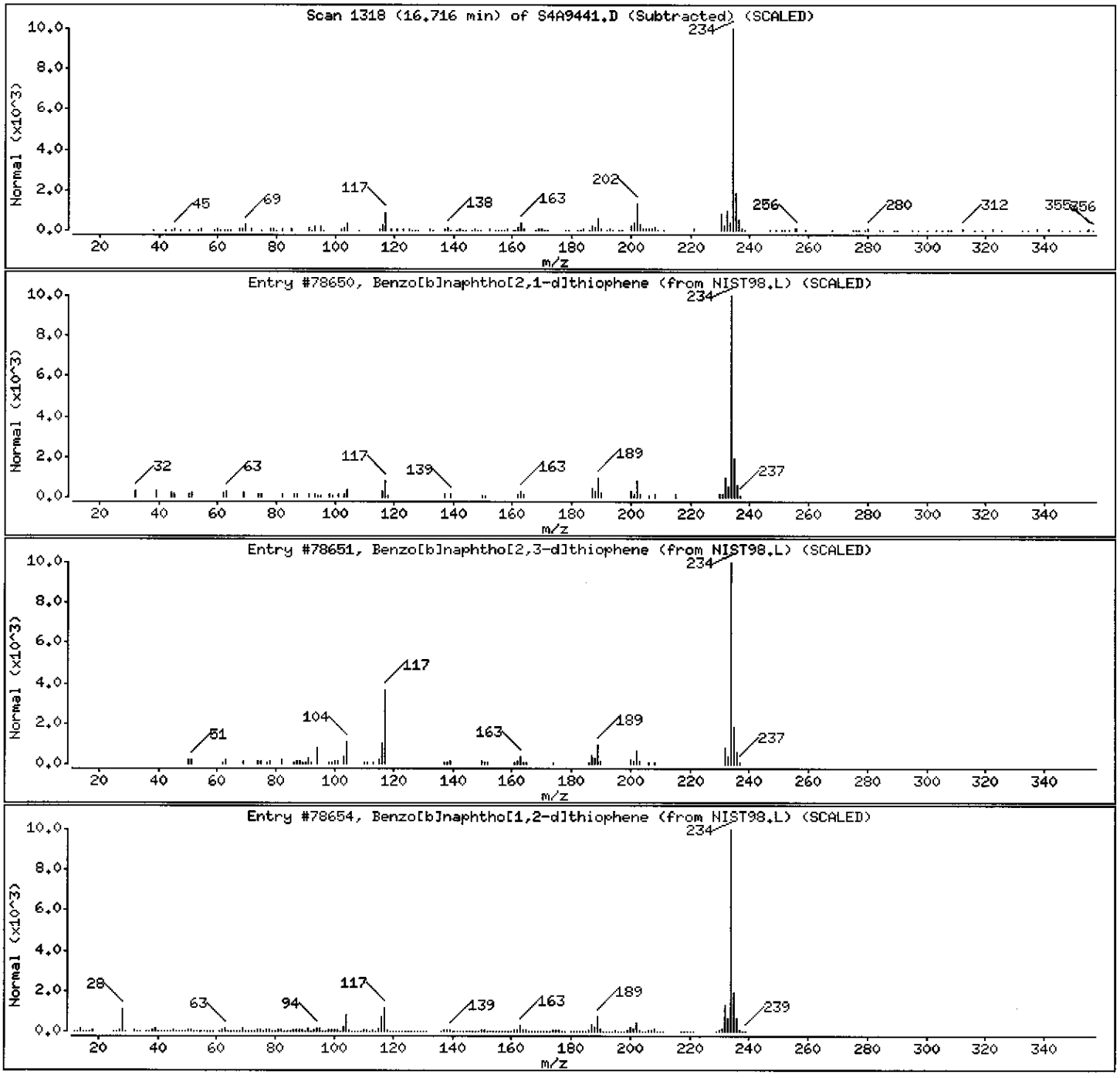
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo[b]naphtho[2,1-d]thiophene	239-35-0	NIST98.L	78650	87	C16H10S	234
Benzo[b]naphtho[2,3-d]thiophene	243-46-9	NIST98.L	78651	87	C16H10S	234
Benzo[b]naphtho[1,2-d]thiophene	205-43-6	NIST98.L	78654	64	C16H10S	234



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

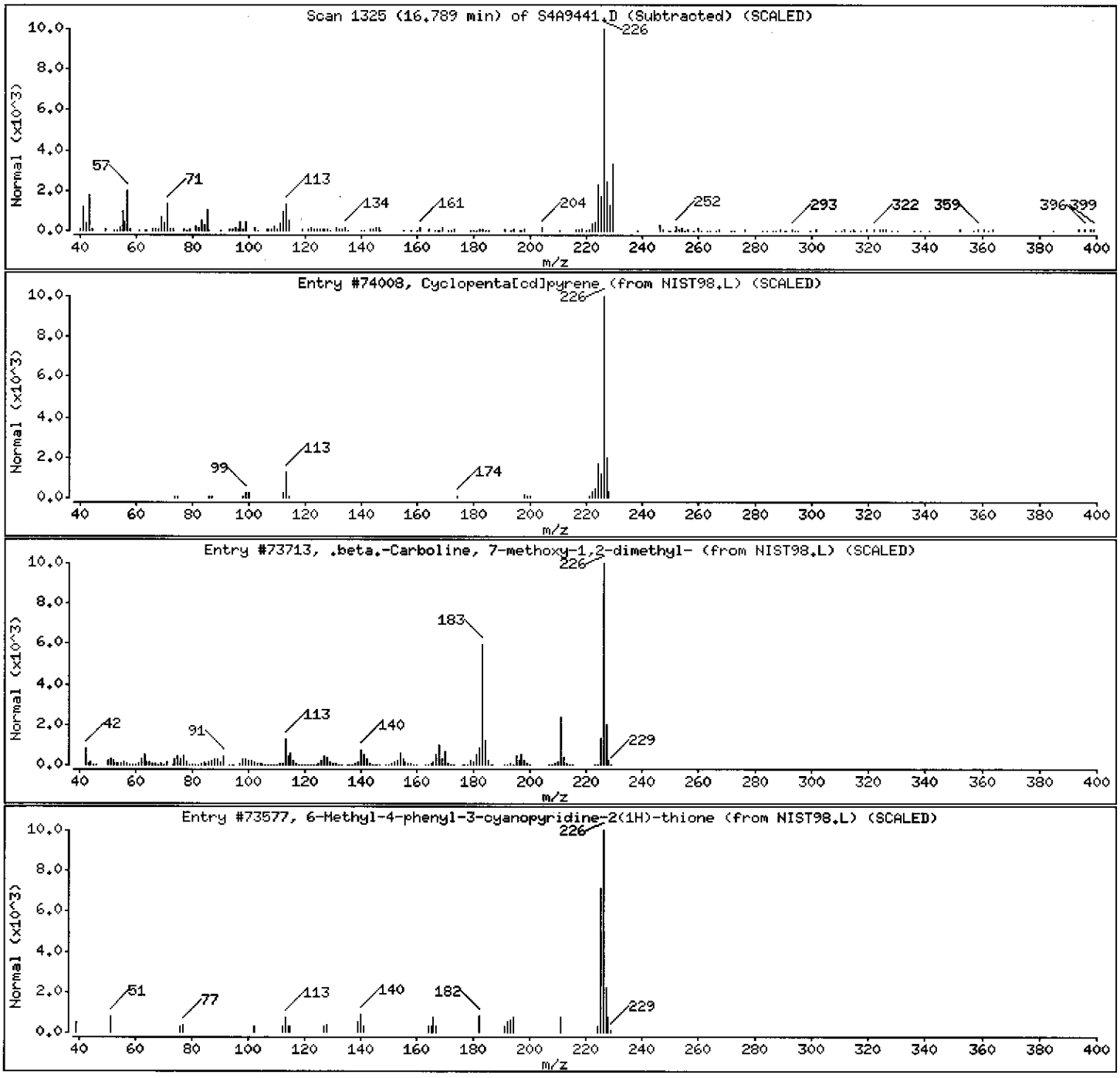
Client ID: SD07-S-M Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclopenta[cd]pyrene	27208-37-3	NIST98.L	74008	52	C18H10	226
.beta.-Carboline, 7-methoxy-1,2-dimethyl	6519-18-2	NIST98.L	73713	50	C14H14N2O	226
6-Methyl-4-phenyl-3-cyanopyridine-2(1H)-	78564-23-5	NIST98.L	73577	40	C13H10N2S	226



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Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

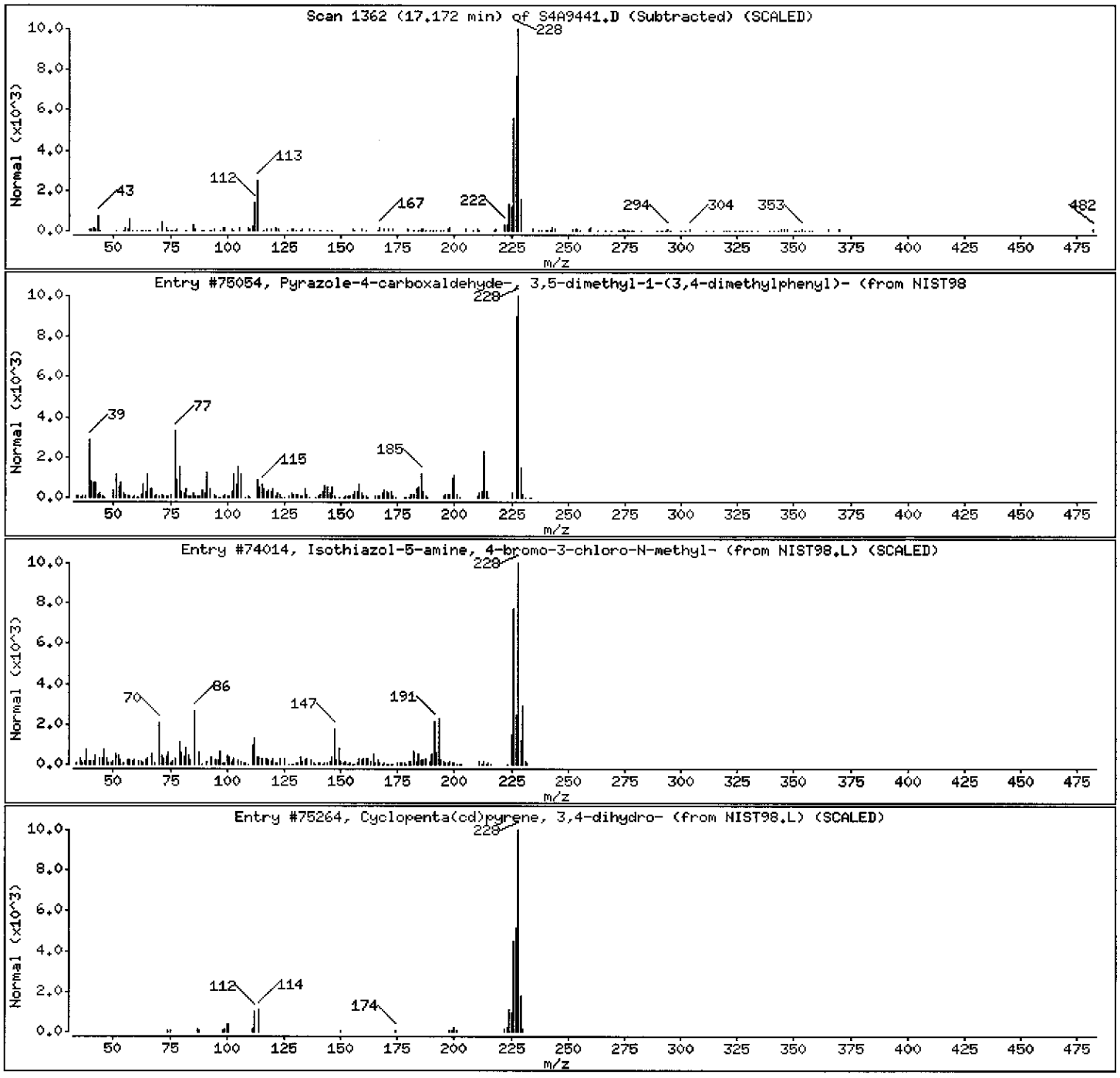
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Pyrazole-4-carboxaldehyde-, 3,5-dimethyl	1000272-54-8	NIST98.L	75054	50	C14H16N2O	228
Isothiazol-5-amine, 4-bromo-3-chloro-N-m	1000272-59-9	NIST98.L	74014	47	C4H4BrClN2S	226
Cyclopenta(cd)pyrene, 3,4-dihydro-	25732-74-5	NIST98.L	75264	46	C18H12	228



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

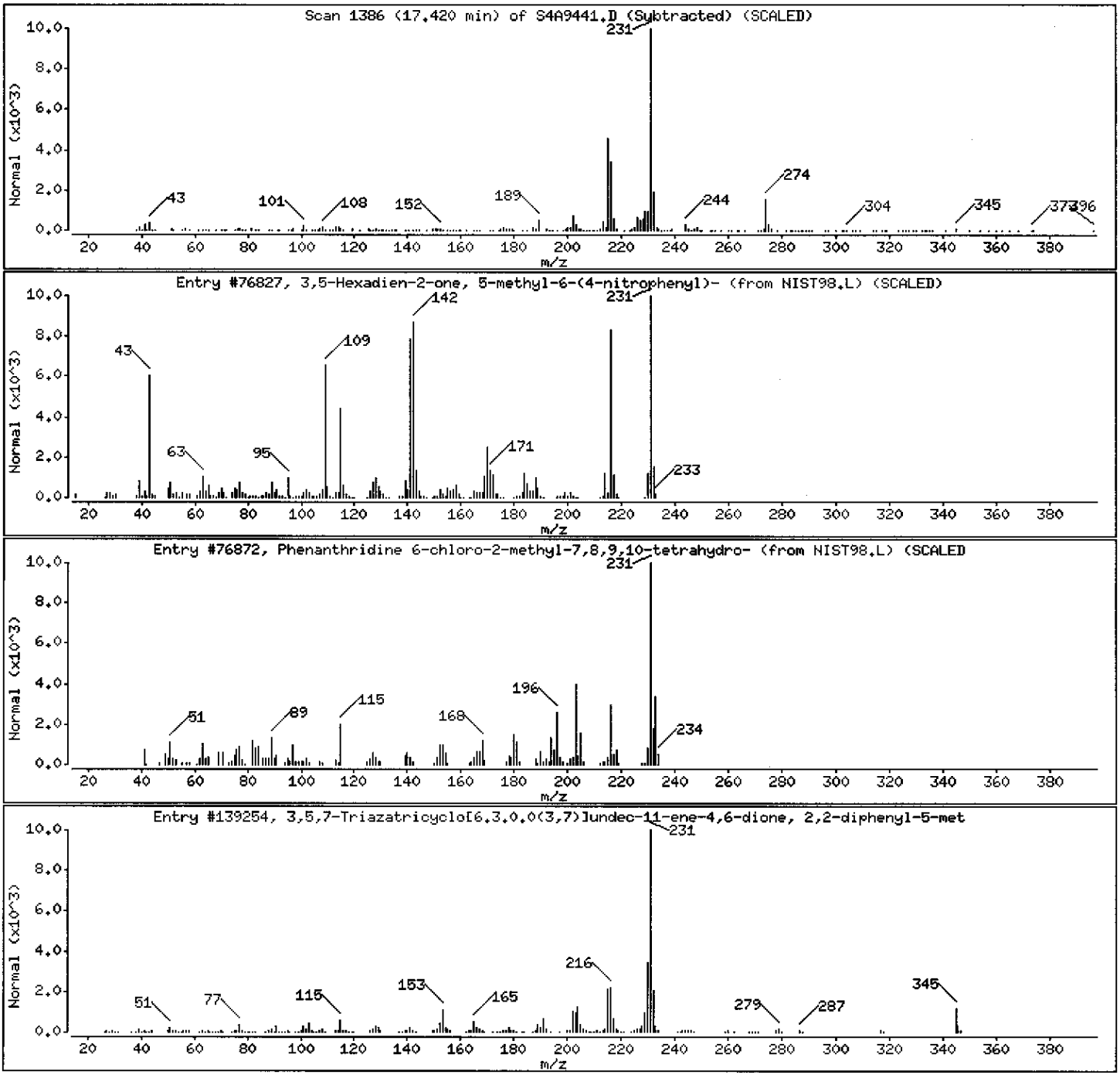
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
3,5-Hexadien-2-one, 5-methyl-6-(4-nitrop	55191-23-6	NIST98.L	76827	53	C13H13NO3	231
Phenanthridine 6-chloro-2-methyl-7,8,9,1	35417-77-7	NIST98.L	76872	40	C14H14ClN	231
3,5,7-Triazatricyclo[6.3.0.0(3,7)]undec-	1000195-89-9	NIST98.L	139254	40	C21H19N3O2	345



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

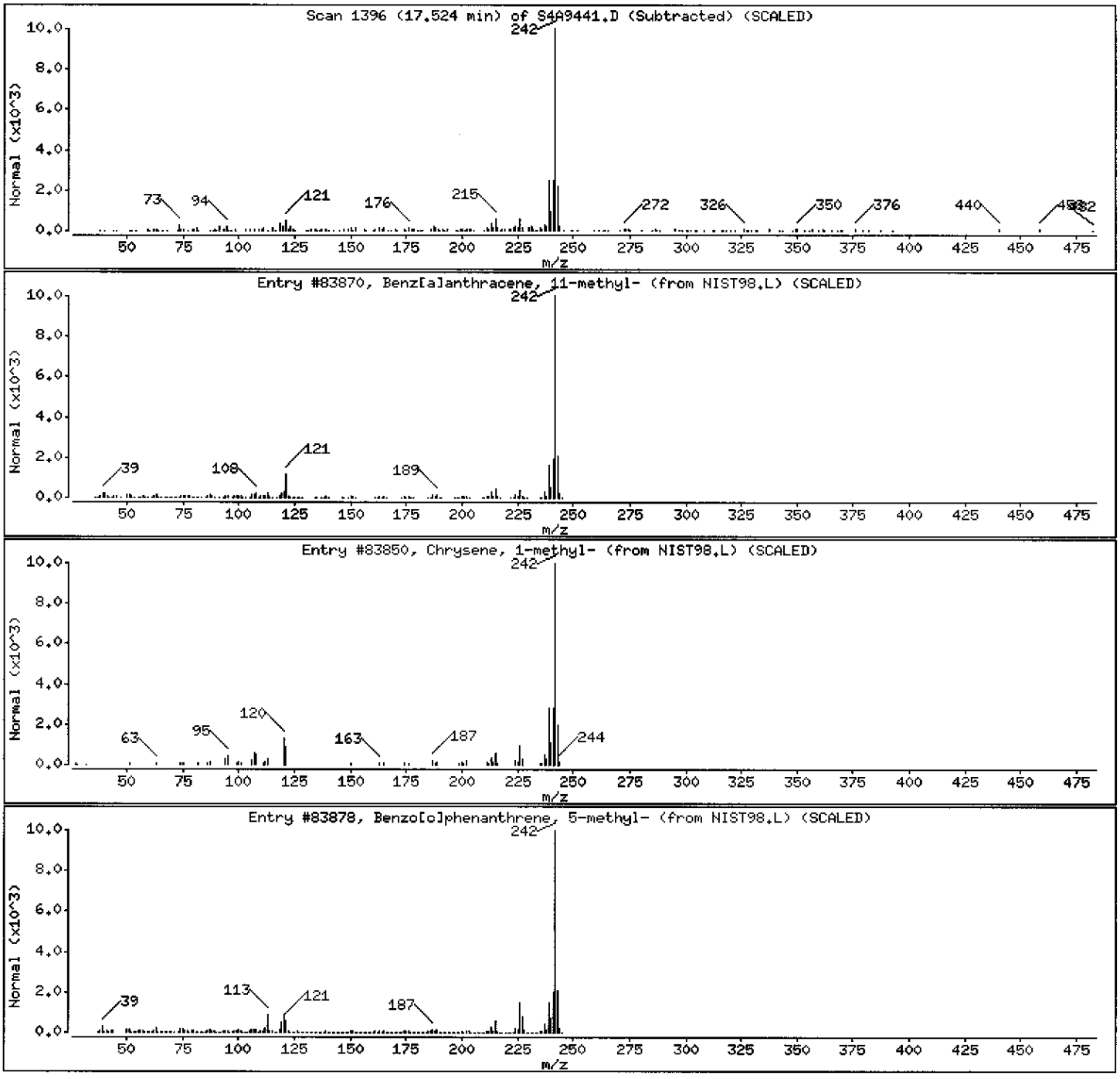
Client ID: SD07-S-M Instrument: S4.i

Sample Info: D0926-07A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benz[a]anthracene, 11-methyl-	**6111-78-0**	NIST98.L	83870	90	C19H14	242
Chrysene, 1-methyl-	3351-28-8	NIST98.L	83850	90	C19H14	242
Benzo[c]phenanthrene, 5-methyl-	652-04-0	NIST98.L	83878	90	C19H14	242



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

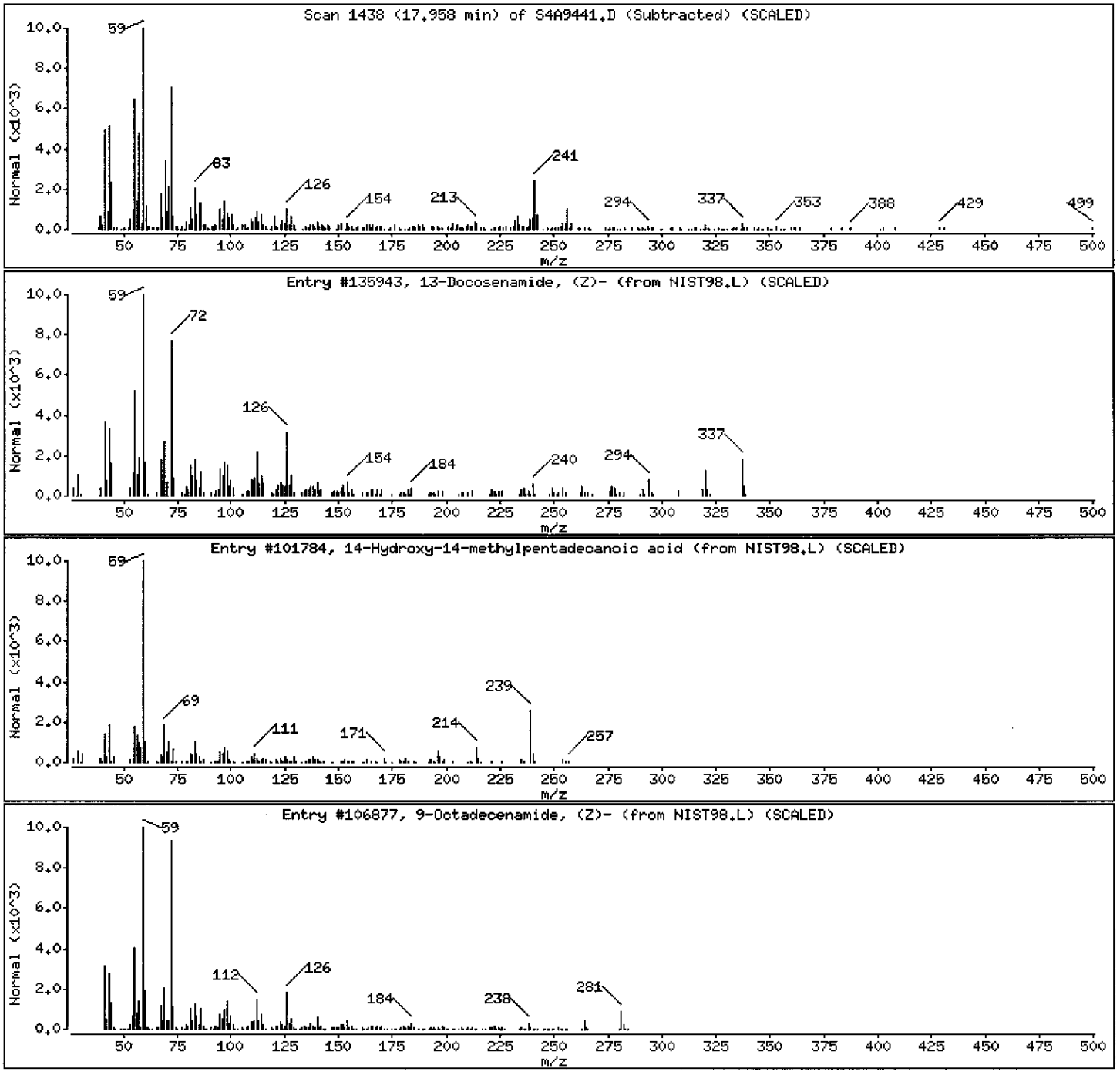
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
13-Docosenamide, (Z)-	112-84-5	NIST98.L	135943	94	C22H43NO	337
14-Hydroxy-14-methylpentadecanoic acid	91544-39-7	NIST98.L	101784	43	C16H32O3	272
9-Octadecenamide, (Z)-	301-02-0	NIST98.L	106877	43	C18H35NO	281



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

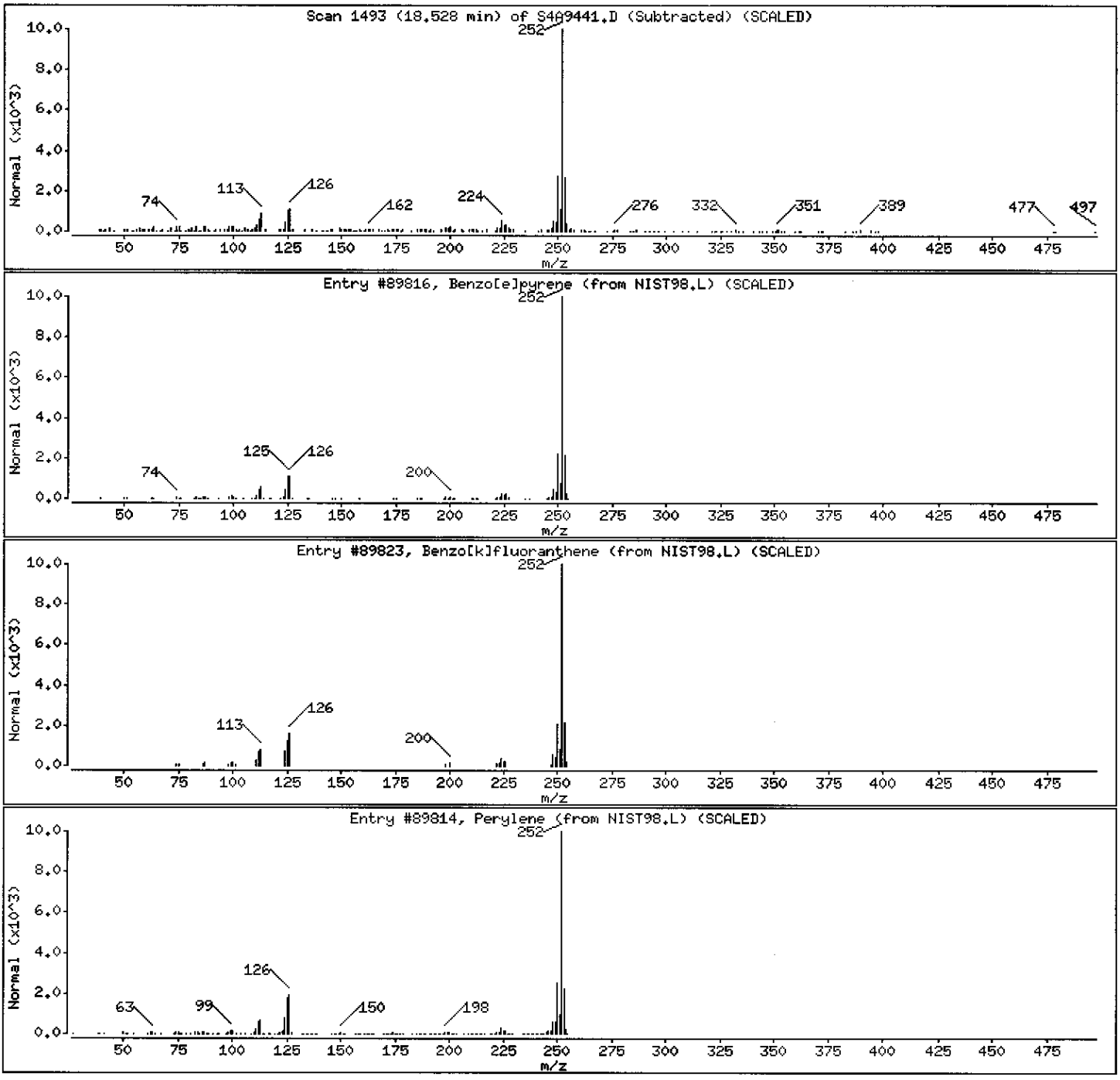
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo[e]pyrene	192-97-2	NIST98.L	89816	97	C20H12	252
Benzo[k]fluoranthene	207-08-9	NIST98.L	89823	94	C20H12	252
Perylene	198-55-0	NIST98.L	89814	94	C20H12	252



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9441.D

Date : 24-AUG-2005 23:23

Client ID: SD07-S-M

Instrument: S4.i

Sample Info: D0926-07A,,19468,,

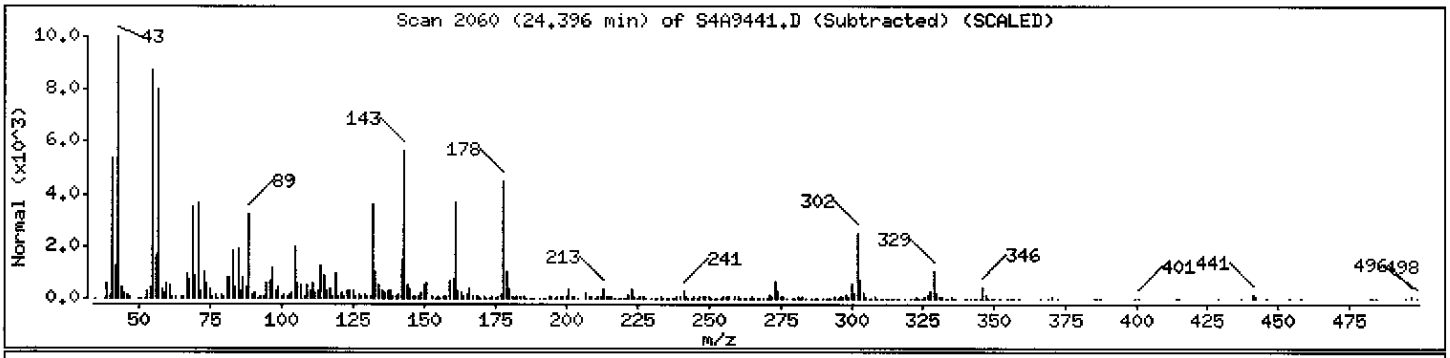
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MDL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07ADL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9455

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)Ether	1200	U
95-57-8	2-Chlorophenol	1200	U
95-48-7	2-Methylphenol	1200	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1200	U
98-86-2	Acetophenone	1200	U
106-44-5	4-Methylphenol	1200	U
621-64-7	N-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
105-60-2	Caprolactam	1200	U
59-50-7	4-Chloro-3-Methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
95-95-4	2,4,5-Trichlorophenol	3100	U
92-52-4	1,1'-Biphenyl	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	3100	U
131-11-3	Dimethylphthalate	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
208-96-8	Acenaphthylene	1200	U
99-09-2	3-Nitroaniline	3100	U
83-32-9	Acenaphthene	390	DJ

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MDL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07ADL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9455

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	3100	U
100-02-7	4-Nitrophenol	3100	U
132-64-9	Dibenzofuran	260	DJ
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	410	DJ
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	3100	U
534-52-1	4,6-Dinitro-2-methylphenol	3100	U
86-30-6	N-Nitrosodiphenylamine (1)	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
1912-24-9	Atrazine	1200	U
87-86-5	Pentachlorophenol	3100	U
85-01-8	Phenanthrene	4500	D
120-12-7	Anthracene	1100	DJ
86-74-8	Carbazole	570	DJ
84-74-2	Di-n-butylphthalate	2600	D
206-44-0	Fluoranthene	5200	D
129-00-0	Pyrene	3900	D
85-68-7	Butylbenzylphthalate	1200	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
56-55-3	Benzo(a)anthracene	2300	D
218-01-9	Chrysene	2200	D
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo(b)fluoranthene	2500	D
207-08-9	Benzo(k)fluoranthene	1200	DJ
50-32-8	Benzo(a)pyrene	2100	D
193-39-5	Indeno(1,2,3-cd)pyrene	1000	DJ
53-70-3	Dibenzo(a,h)anthracene	380	DJ
191-24-2	Benzo(g,h,i)perylene	1100	DJ

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD07-S-MDL

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07ADL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9455

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

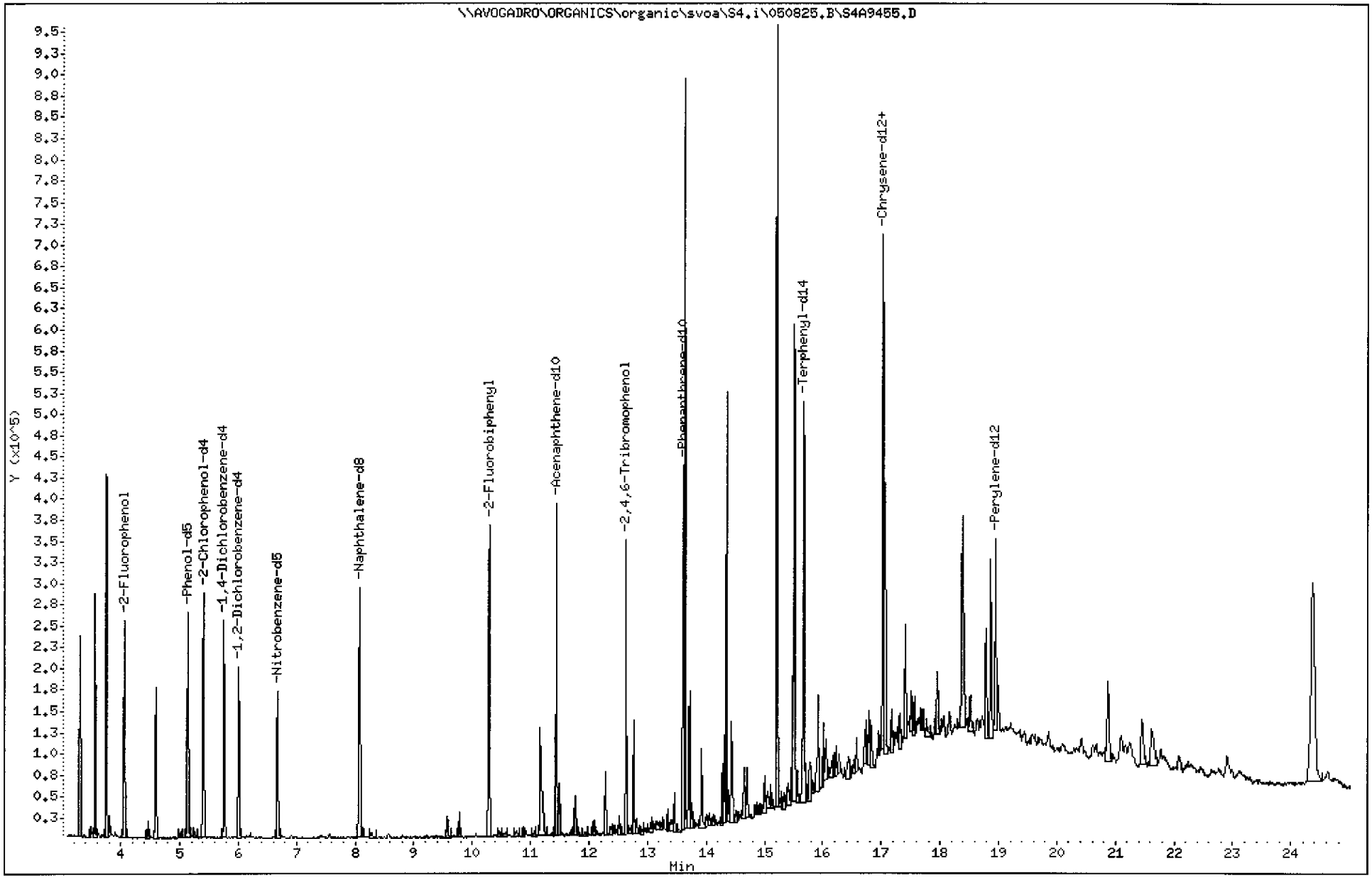
GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

Number TICs found: 15

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	9.57	260	JD
2.	132-65-0	DIBENZOTHIOPHENE	13.47	350	NJD
3.	832-69-9	PHENANTHRENE, 1-METHYL-	14.28	500	NJD
4.	610-48-0	ANTHRACENE, 1-METHYL-	14.32	660	NJD
5.		UNKNOWN	14.43	1100	JD
6.	5672-97-9	5,16[1',2']:8,13[1'',2'']-DI	14.67	540	NJD
7.	84-65-1	9,10-ANTHRACENEDIONE	14.70	310	NJD
8.	16606-46-5	NAPHTHALENE, 1,2-DIHYDRO-1-P	15.00	450	NJD
9.	243-17-4	11H-BENZO[B]FLUORENE	15.92	500	NJD
10.		UNKNOWN	16.79	270	JD
11.		UNKNOWN	17.41	390	JD
12.		UNKNOWN	17.96	290	JD
13.	192-97-2	BENZO[E]PYRENE	18.79	1500	NJD
14.		UNKNOWN	21.62	1200	JD
15.		UNKNOWN	24.38	7300	JBD
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9455.D
Date : 25-AUG-2005 12:04
Client ID: SD07-S-MDL
Instrument: S4.i
Sample Info: D0926-07ADL,,19468,,2
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9455.D
Report Date: 31-Aug-2005 15:00

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9455.D
Lab Smp Id: D0926-07ADL Client Smp ID: SD07-S-MDL
Inj Date : 25-AUG-2005 12:04
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-07ADL,,19468,,2
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D ✓
Als bottle: 25
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	2.000 ✓	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	47.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	4.058	4.048	(0.705)	60203	50.4019	3200
$	3 Phenol-d5	99	5.134	5.135	(0.892)	95168	53.2913	3400
$	6 2-Chlorophenol-d4	132	5.414	5.414	(0.941)	80898	54.6809	3400
*	8 1,4-Dichlorobenzene-d4	152	5.755	5.755	(1.000)	45303	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	6.004	6.004	(1.043)	34243	31.8880	2000
$	16 Nitrobenzene-d5	82	6.677	6.677	(0.827)	81027	37.7377	2400
*	23 Naphthalene-d8	136	8.074	8.074	(1.000)	182388	40.0000	
$	33 2-Fluorobiphenyl	172	10.289	10.289	(0.900)	154019	42.9529	2700
*	41 Acenaphthene-d10	164	11.438	11.438	(1.000)	100696	40.0000	
	42 Acenaphthene	153	11.489	11.490	(1.005)	18056	6.15174	390(a)
	45 Dibenzofuran	168	11.759	11.759	(1.028)	17328	4.10291	260(a)
	48 Fluorene	166	12.276	12.276	(1.073)	25118	6.52319	410(a)
$	53 2,4,6-Tribromophenol	330	12.638	12.628	(0.929)	31856	74.0334	4700

Data File: S4A9455.D
Report Date: 31-Aug-2005 15:00

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
*	58 Phenanthrene-d10	188	13.611	13.611	(1.000)	163917	40.0000	
	59 Phenanthrene	178	13.642	13.642	(1.002)	348673	72.2998	4500
	60 Anthracene	178	13.715	13.715	(1.008)	79548	17.6272	1100(a)
	61 Carbazole	167	13.922	13.922	(1.023)	37089	9.06305	570(a)
	62 Di-n-butylphthalate	149	14.346	14.346	(1.054)	241734	41.2966	2600
	63 Fluoranthene	202	15.216	15.216	(1.118)	395297	82.5314	5200
	64 Pyrene	202	15.505	15.505	(0.910)	316103	61.8001	3900
$	65 Terphenyl-d14	244	15.681	15.671	(0.920)	157616	42.0249	2600
	68 Benzo(a)anthracene	228	17.016	17.017	(0.999)	164379	36.3381	2300
*	69 Chrysene-d12	240	17.037	17.027	(1.000)	146093	40.0000	
	70 Chrysene	228	17.068	17.068	(1.002)	145839	34.6497	2200
	73 Benzo(b)fluoranthene	252	18.383	18.372	(0.970)	159204	39.3648	2500(M)
	74 Benzo(k)fluoranthene	252	18.414	18.414	(0.972)	77874	18.5349	1200(aQM)
	75 Benzo(a)pyrene	252	18.869	18.859	(0.996)	108437	32.7710	2100
*	76 Perylene-d12	264	18.952	18.942	(1.000)	108136	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	20.877	20.877	(1.102)	65259	16.6227	1000(a)
	78 Dibenzo(a,h)anthracene	278	20.877	20.877	(1.102)	20460	6.05481	380(a)
	79 Benzo(g,h,i)perylene	276	21.457	21.457	(1.132)	52857	17.7970	1100(a)

SHL 08/31/05 AV

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

08/31/05 AV

Data File: S4A9455.D
Report Date: 31-Aug-2005 15:00

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9455.D
Lab Smp Id: D0926-07ADL Client Smp ID: SD07-S-MDL
Inj Date : 25-AUG-2005 12:04
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-07ADL,,19468,,2
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D
Als bottle: 25
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	2.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	47.000	% Moisture

ISTD	RT	AREA	AMOUNT
* 23 Naphthalene-d8	8.074	434505	40.000
* 41 Acenaphthene-d10	11.438	498871	40.000
* 58 Phenanthrene-d10	13.611	503568	40.000
* 69 Chrysene-d12	17.037	1047394	40.000
* 76 Perylene-d12	18.952	378077	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9455.D
Report Date: 31-Aug-2005 15:00

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
9.575	44164	4.06568394	260	0		0	23
Cyclic Alkane				CAS #:			
11.169	308707	24.7524510	1600	0		0	41
Cyclic Alkane				CAS #:			
12.763	132031	10.4876402	660	0		0	58
Dibenzothiophene				CAS #:	132-65-0		
13.466	70551	5.60408922	350	95	NIST98.L	45490	58
Phenanthrene, 1-methyl-				CAS #:	832-69-9		
14.284	100433	7.97771105	500	93	NIST98.L	50623	58
Anthracene, 1-methyl-				CAS #:	610-48-0		
14.315	132535	10.5276745	660	93	NIST98.L	50609	58
Unknown				CAS #:			
14.429	218738	17.3750516	1100	0		0	58
5,16[1',2']:8,13[1'',2'']-Dibenzcnodiben				CAS #:	5672-97-9		
14.667	108466	8.61579767	540	90	NIST98.L	158148	58
9,10-Anthracenedione				CAS #:	84-65-1		
14.698	62966	5.00158866	310	98	NIST98.L	61654	58
Naphthalene, 1,2-dihydro-1-phenyl-				CAS #:	16606-46-5		
14.998	90963	7.22547898	450	94	NIST98.L	60374	58
11H-Benzo[b]fluorene				CAS #:	243-17-4		
15.919	209032	7.98293670	500	93	NIST98.L	67030	69
Unknown				CAS #:			
16.789	112588	4.29973821	270	0		0	69
Unknown				CAS #:			
17.410	164154	6.26904489	390	0		0	69
Unknown				CAS #:			
17.958	120444	4.59975902	290	0		0	69
Benzo[e]pyrene				CAS #:	192-97-2		
18.786	231819	24.5261151	1500	97	NIST98.L	89816	76

Data File: S4A9455.D
Report Date: 31-Aug-2005 15:00

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Unknown				CAS #:			
21.622	186375	19.7182056	1200	0		0	76
Unknown				CAS #:			
24.376	1102381	116.630316	7300	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9455.D

Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

Volume Injected (uL): 2.0

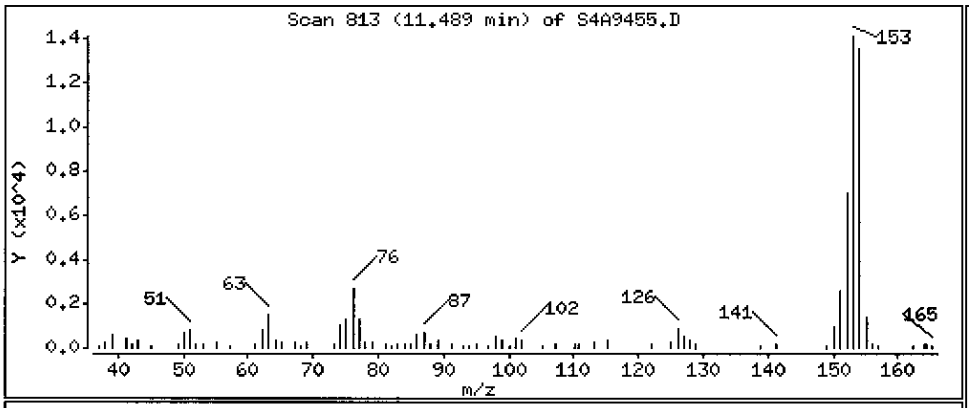
Operator: AW SRC: LIMS

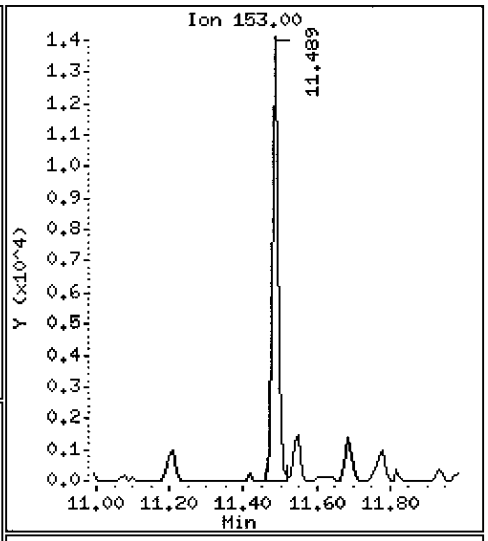
Column phase: DB-5MS

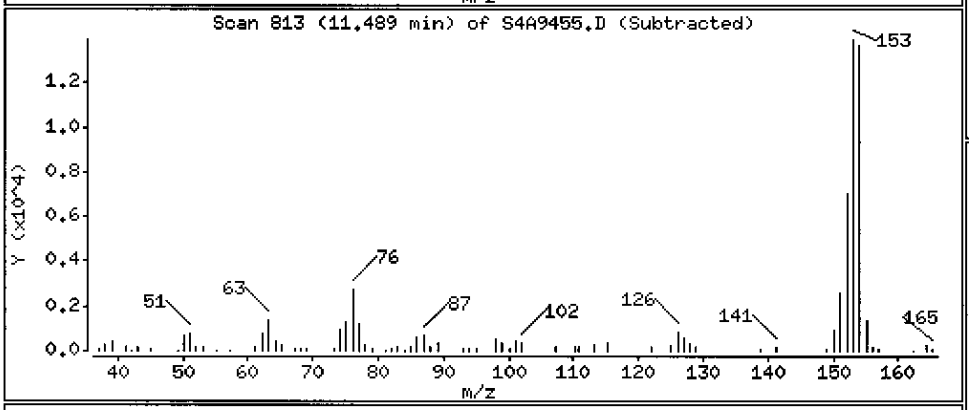
Column diameter: 0.25

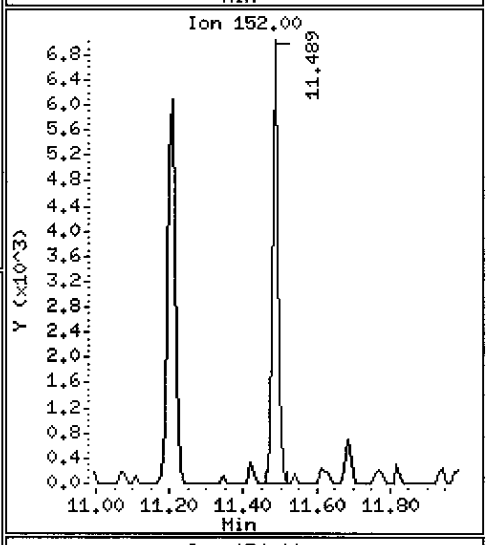
42 Acenaphthene

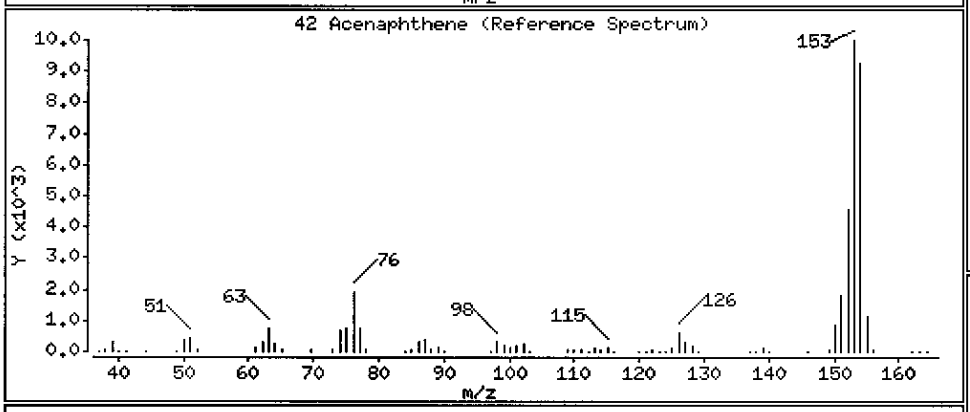
Concentration: 390 ug/Kg

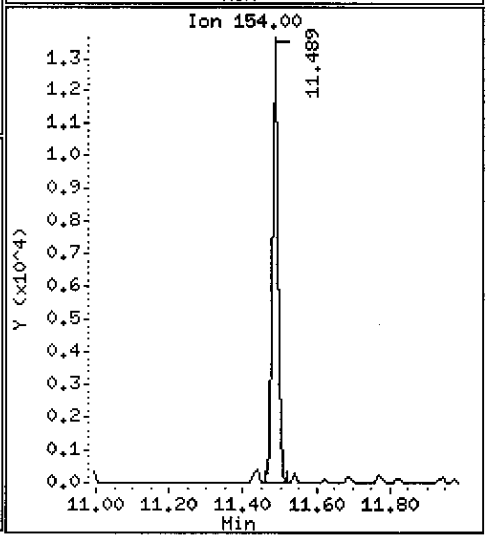


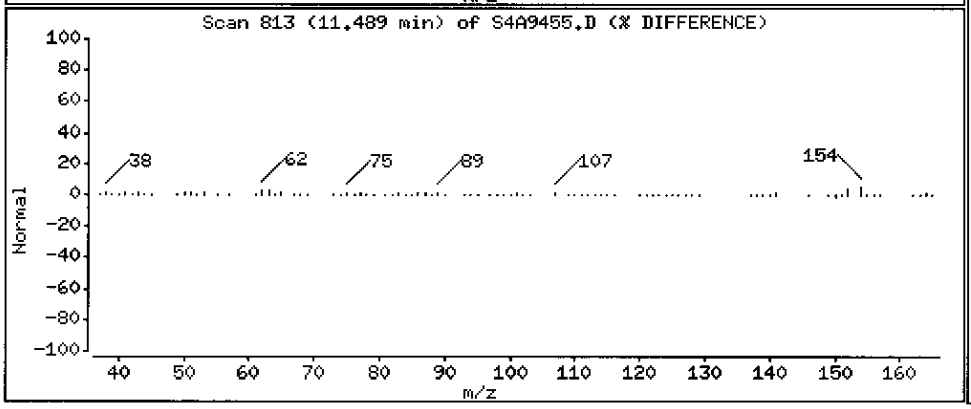












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9455.D

Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

Volume Injected (uL): 2.0

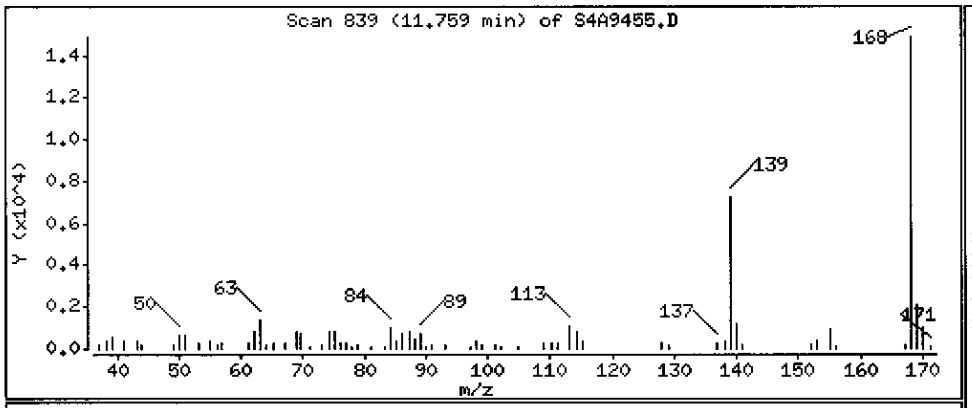
Operator: AW SRC: LIMS

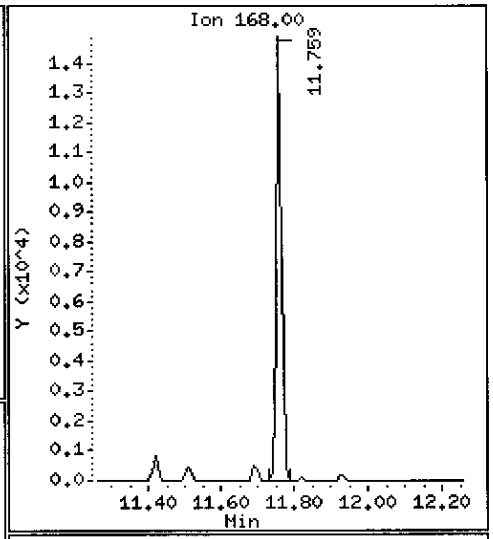
Column phase: DB-5MS

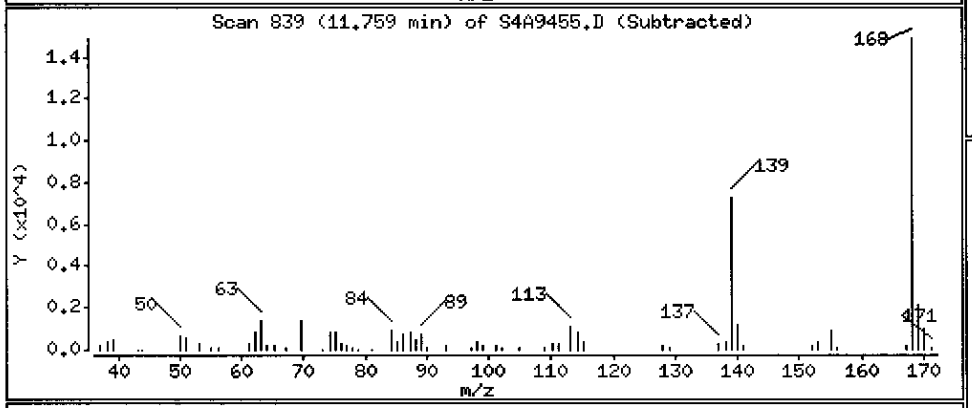
Column diameter: 0.25

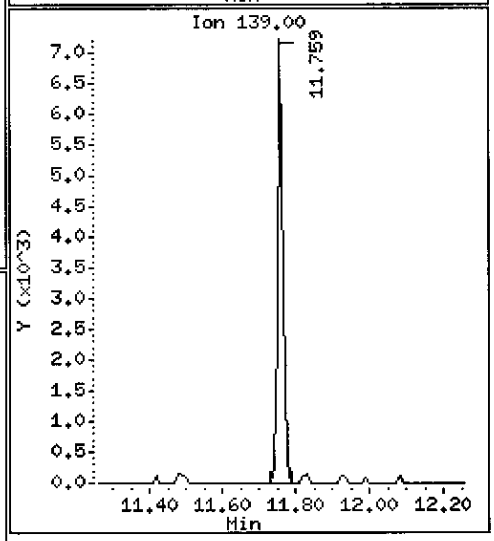
45 Dibenzofuran

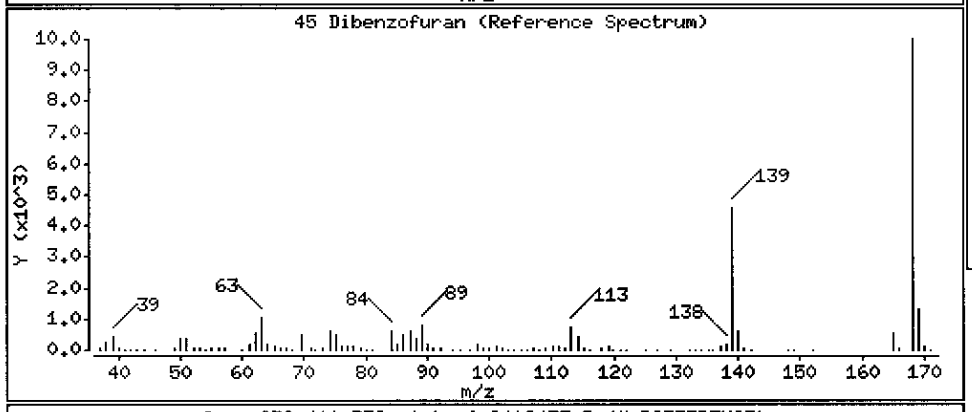
Concentration: 260 ug/Kg

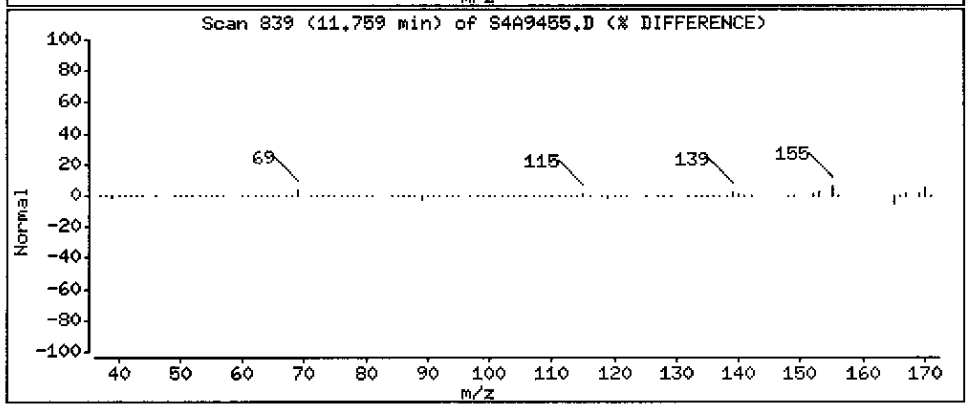












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9455.D

Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

Volume Injected (uL): 2.0

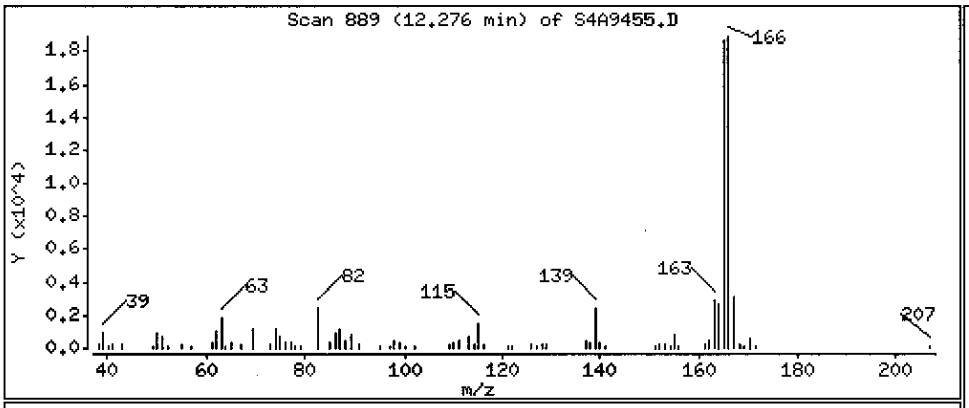
Operator: AW SRC: LIMS

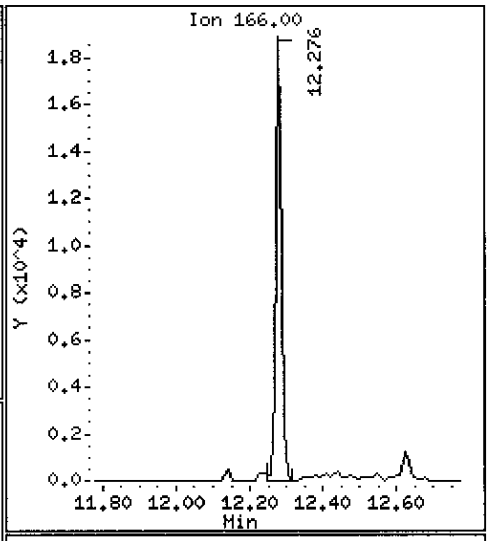
Column phase: DB-5MS

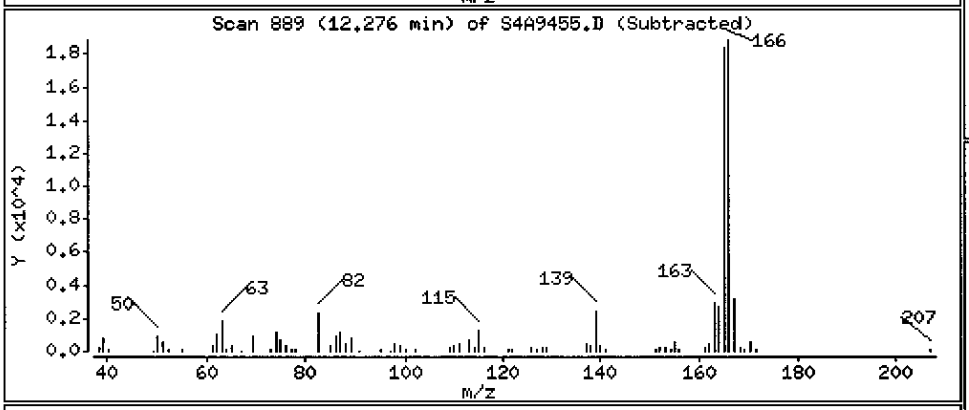
Column diameter: 0.25

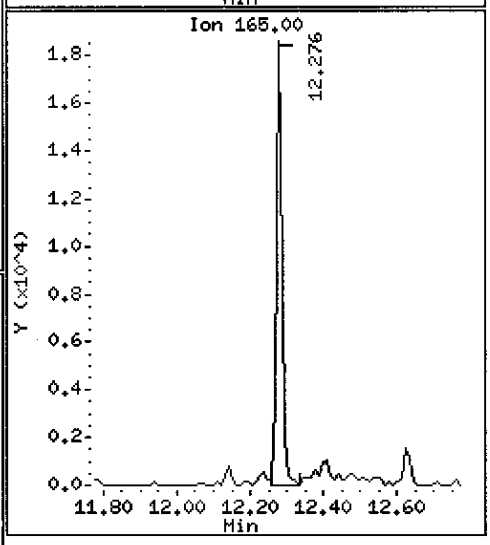
48 Fluorene

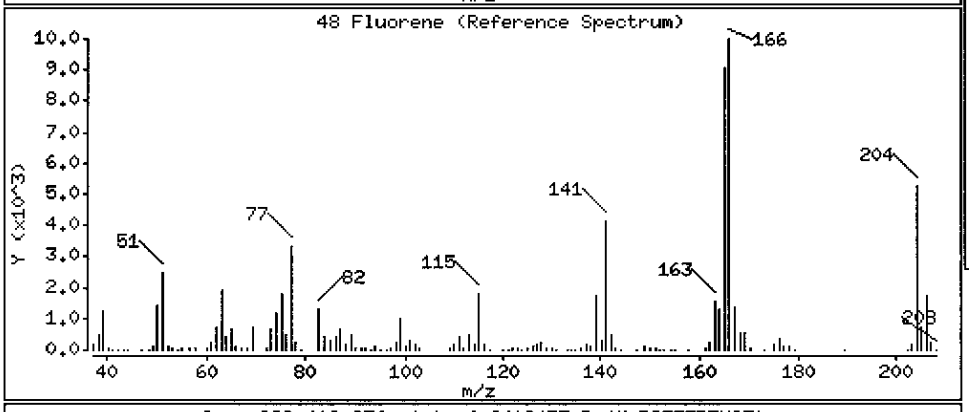
Concentration: 410 ug/Kg

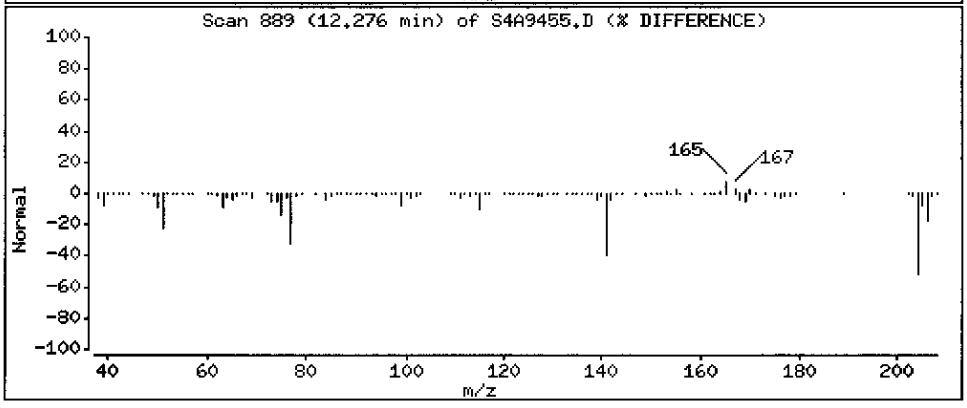












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9455.D

Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

Volume Injected (uL): 2.0

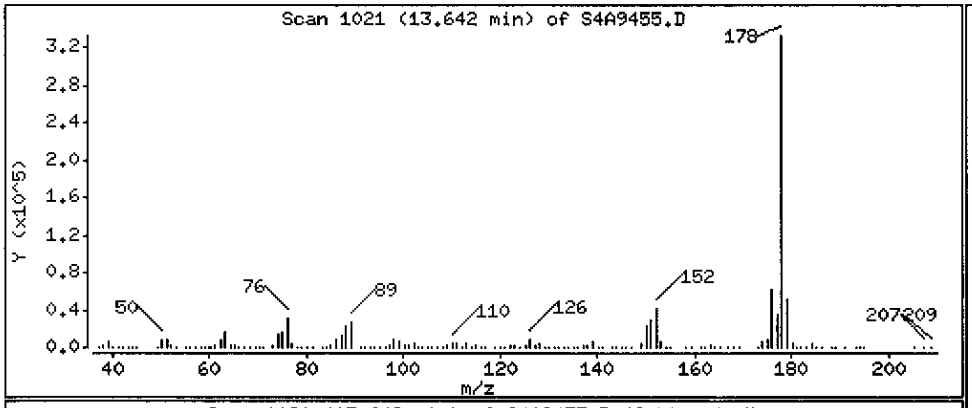
Operator: AW SRC: LIMS

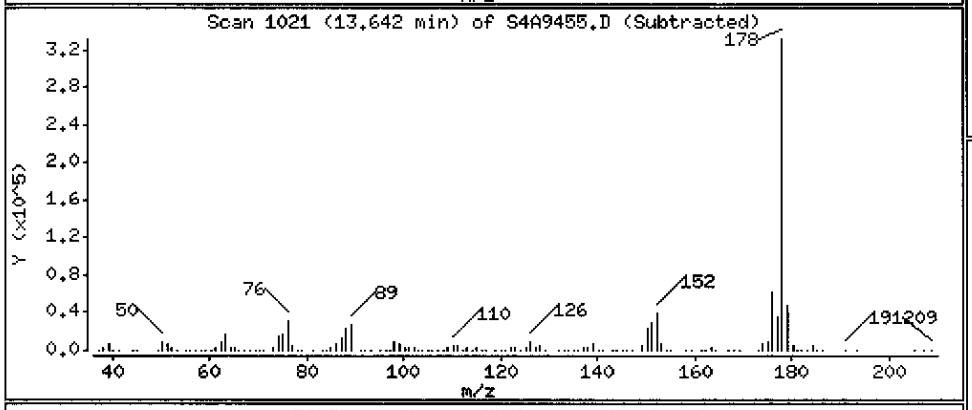
Column phase: DB-5MS

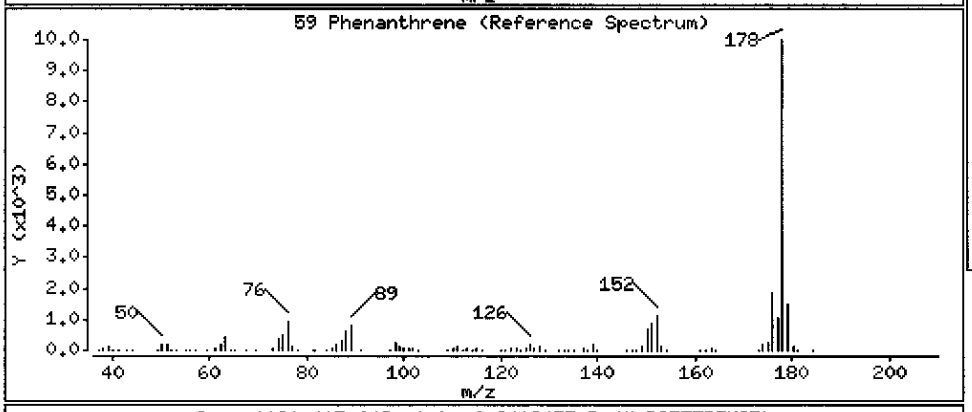
Column diameter: 0.25

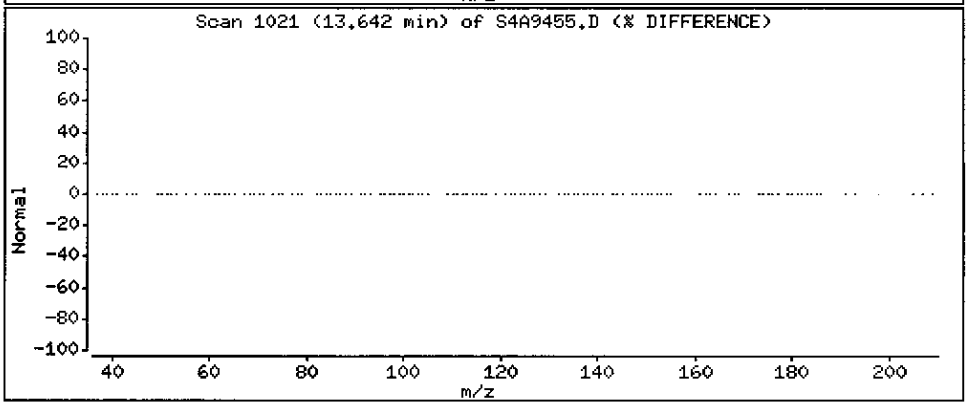
59 Phenanthrene

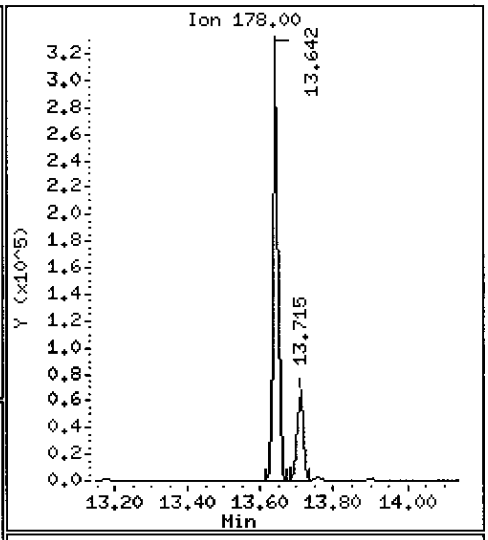
Concentration: 4500 ug/Kg

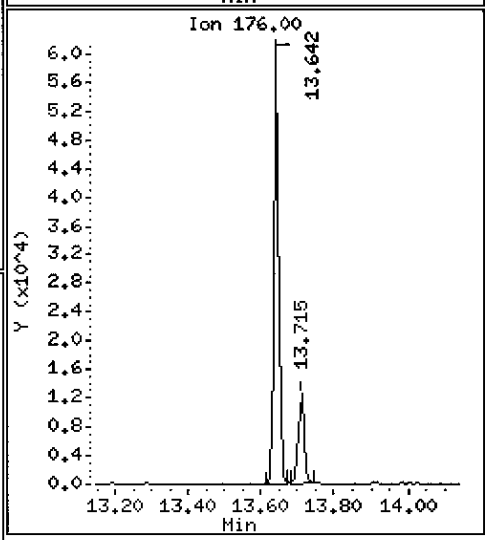












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9455.D

Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

Volume Injected (uL): 2.0

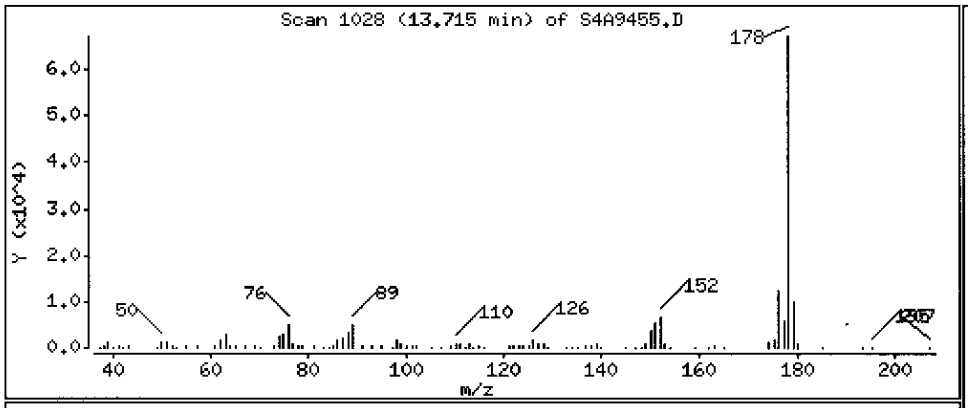
Operator: AW SRC: LIMS

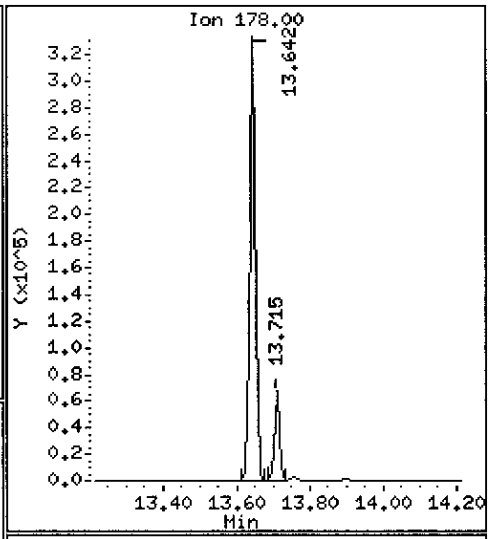
Column phase: DB-5MS

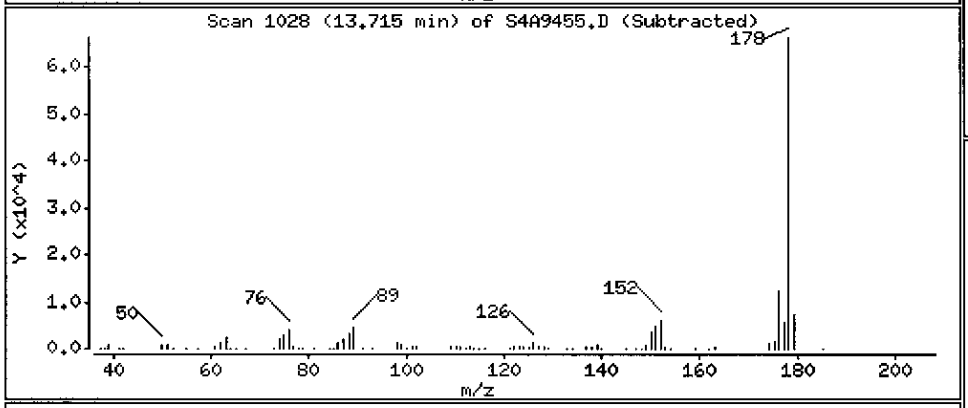
Column diameter: 0.25

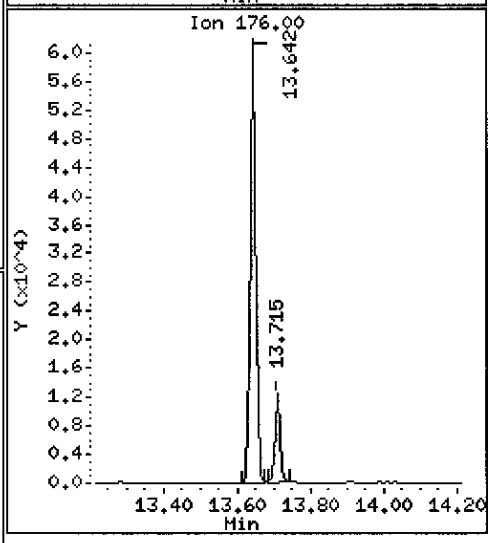
60 Anthracene

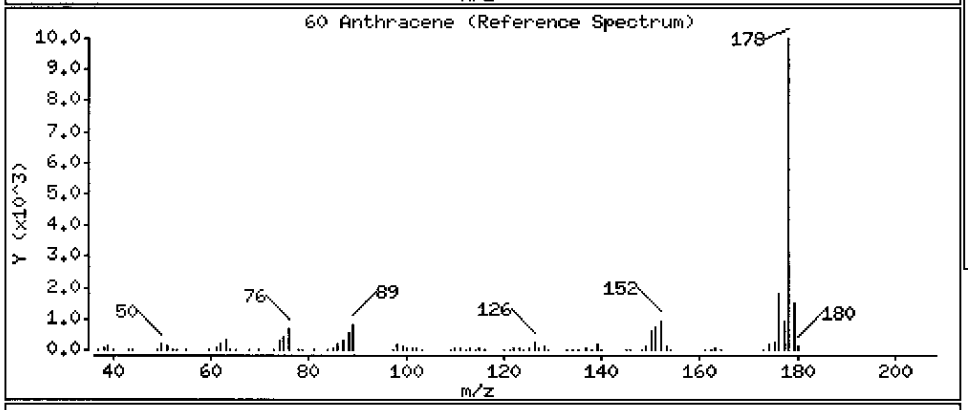
Concentration: 1100 ug/Kg

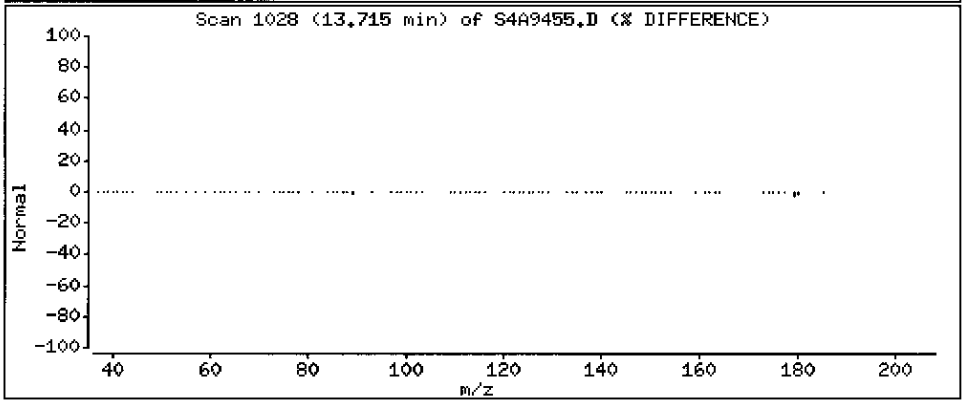












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9455.D

Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

Volume Injected (uL): 2.0

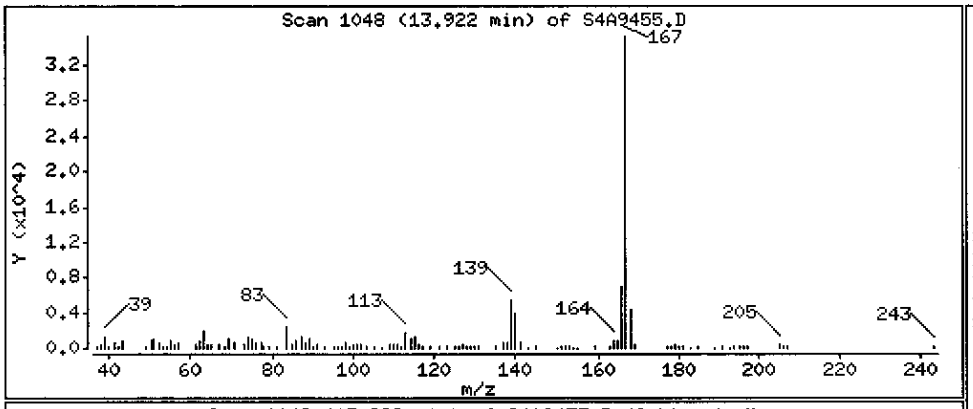
Operator: AW SRC: LIMS

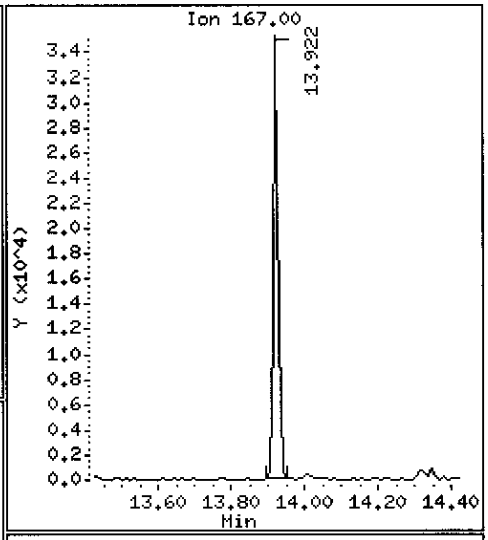
Column phase: DB-5MS

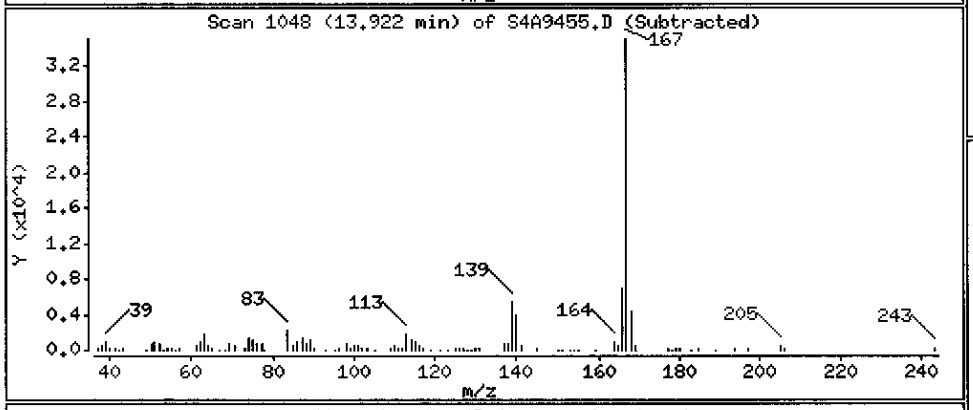
Column diameter: 0.25

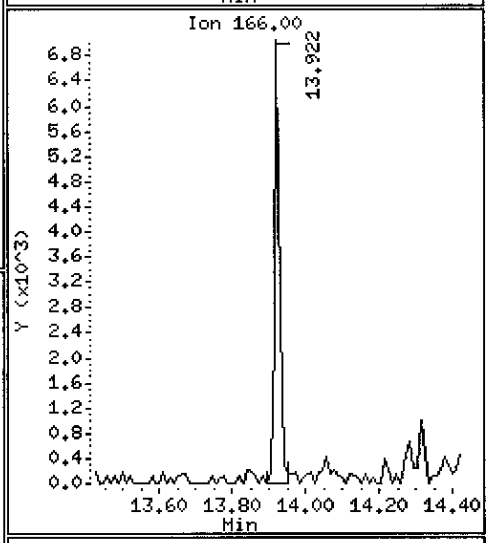
61 Carbazole

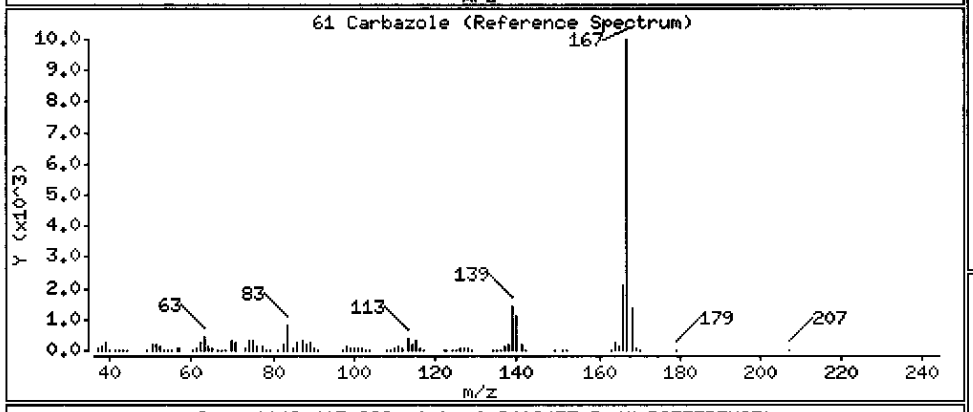
Concentration: 570 ug/Kg

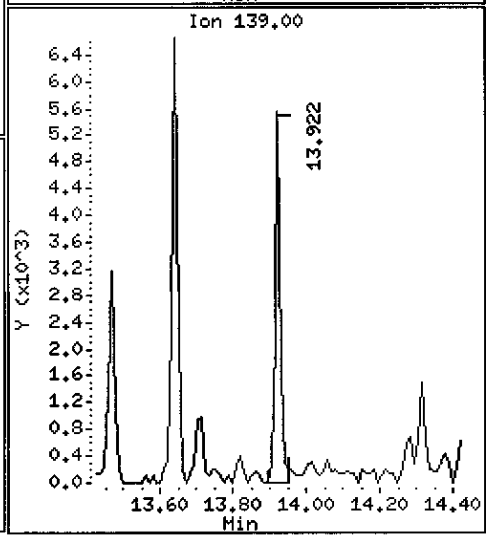


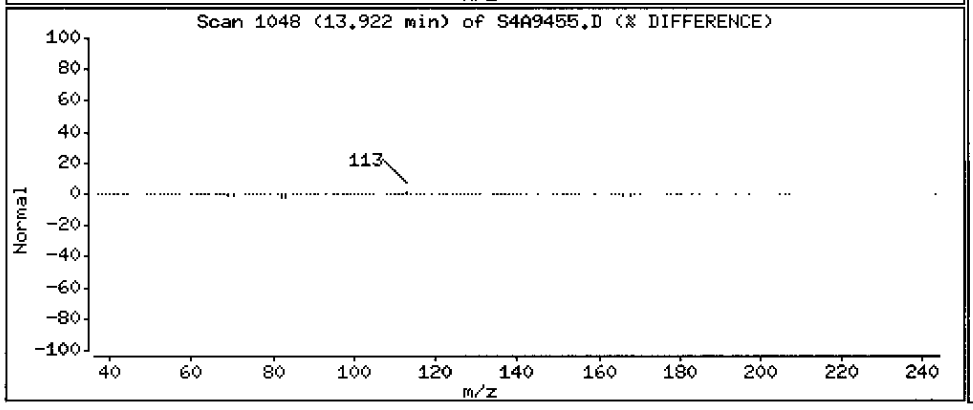












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9455.D

Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

Volume Injected (uL): 2.0

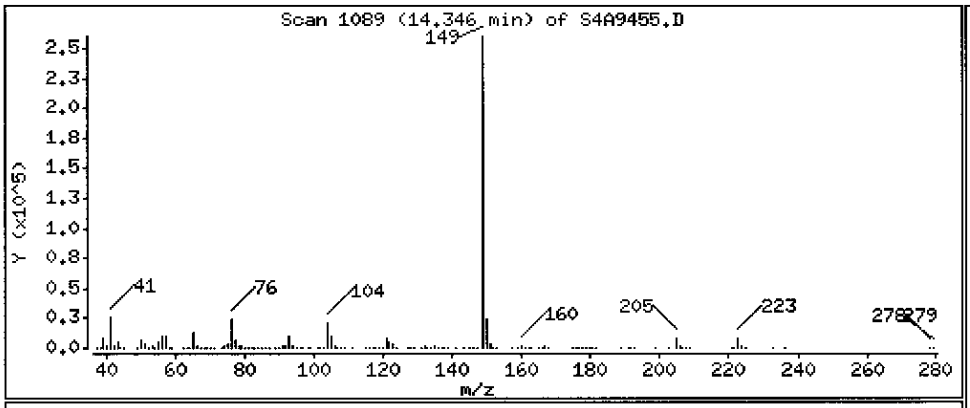
Operator: AW SRC: LIMS

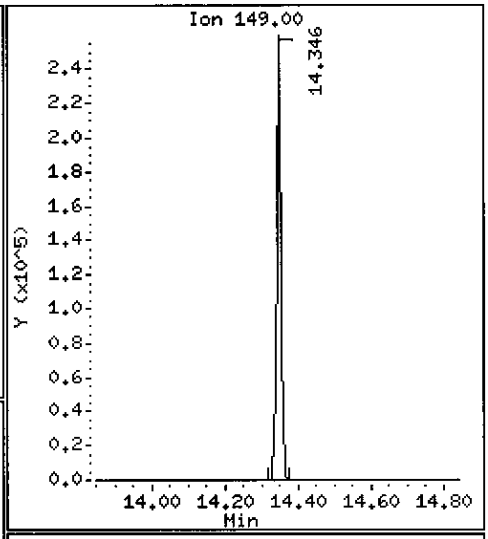
Column phase: DB-5MS

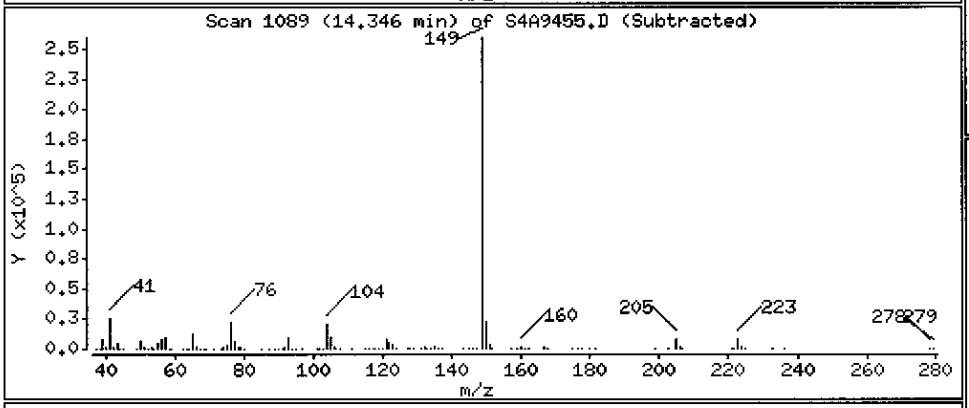
Column diameter: 0.25

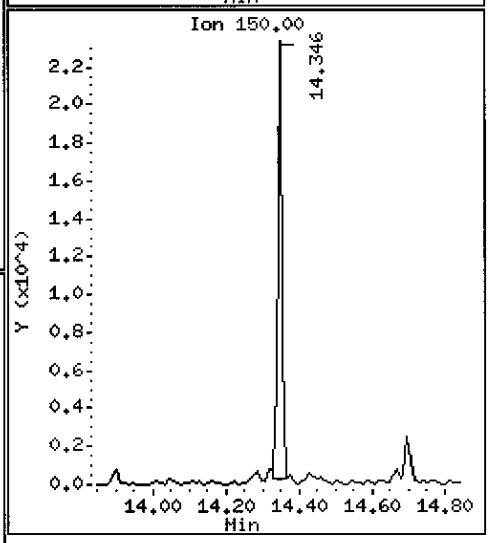
62 Di-n-butylphthalate

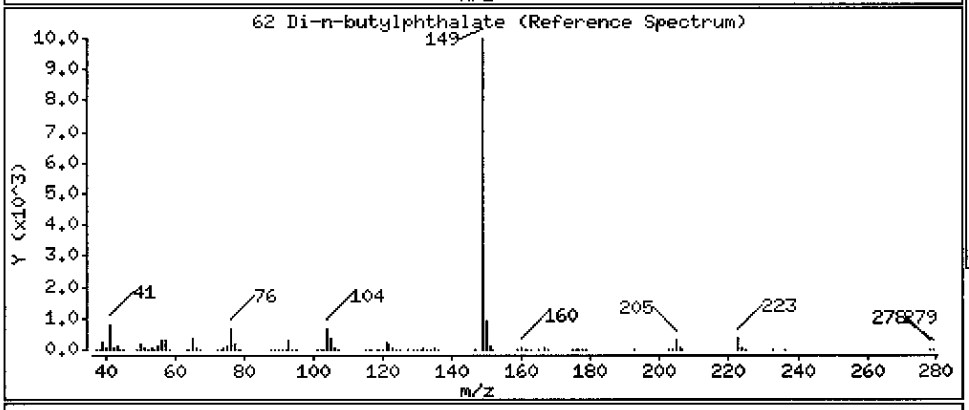
Concentration: 2600 ug/Kg

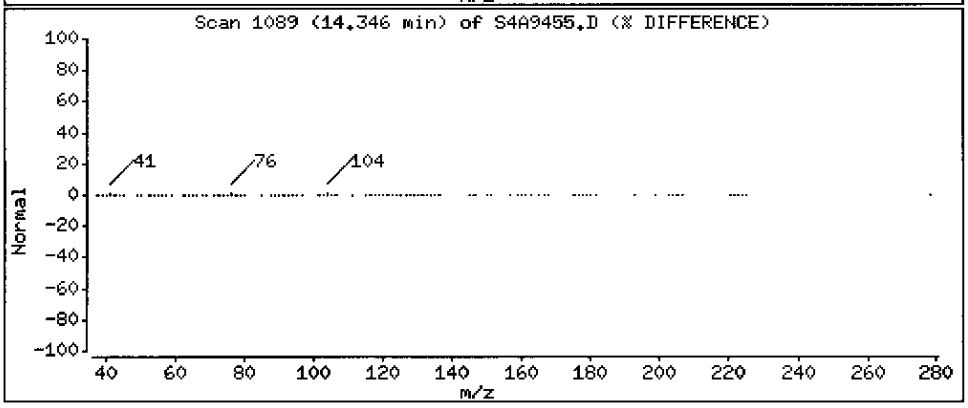












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9455.D

Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

Volume Injected (uL): 2.0

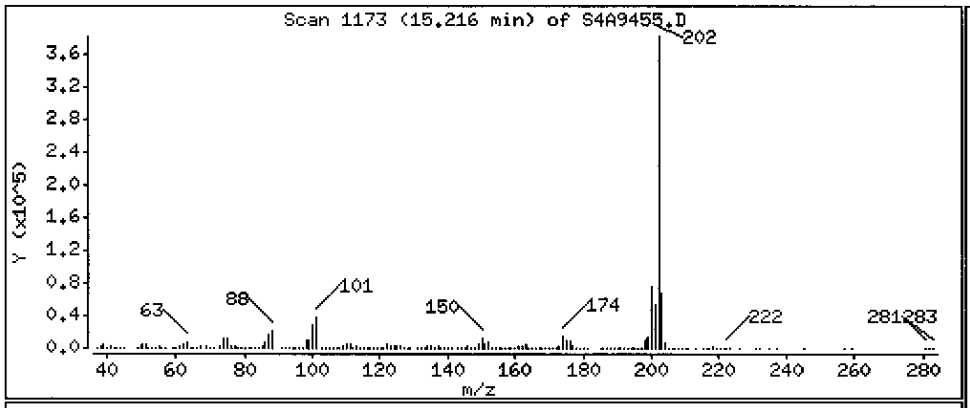
Operator: AW SRC: LIMS

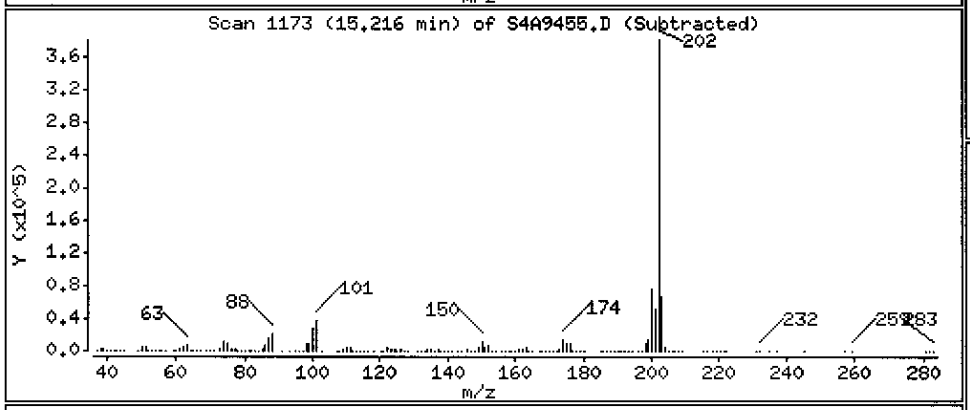
Column phase: DB-5MS

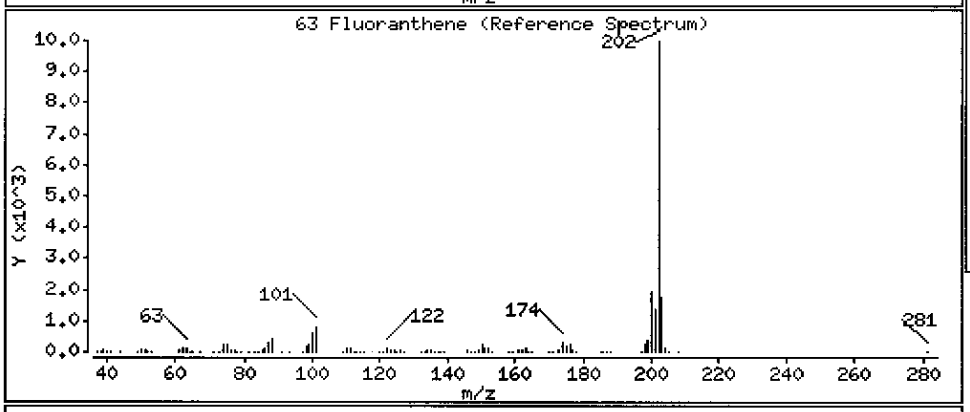
Column diameter: 0.25

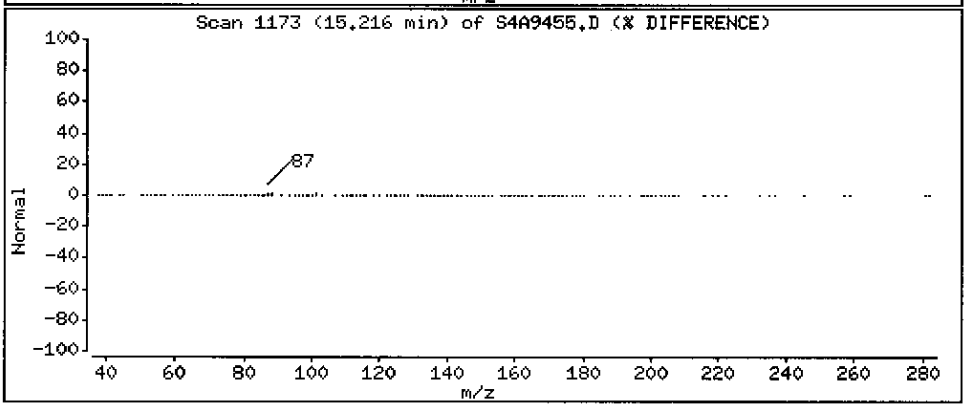
63 Fluoranthene

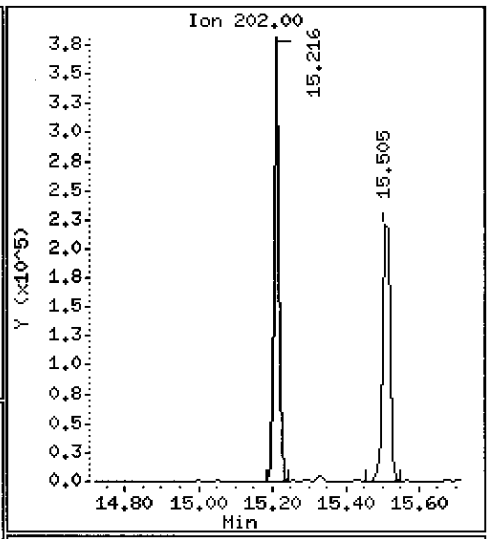
Concentration: 5200 ug/Kg

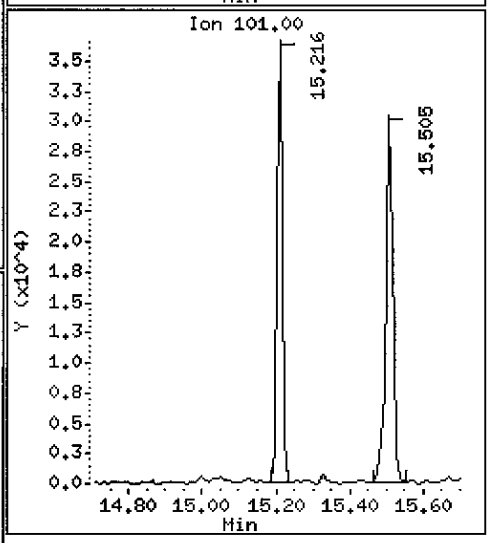












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9455.D

Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

Volume Injected (uL): 2.0

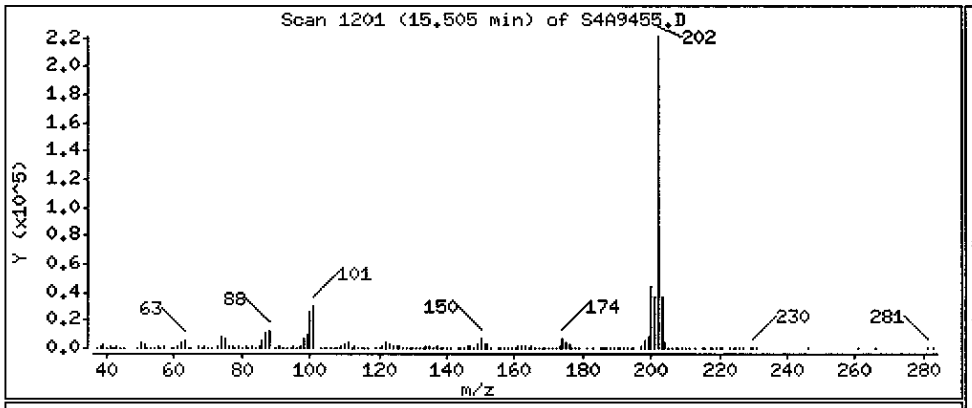
Operator: AW SRC: LIMS

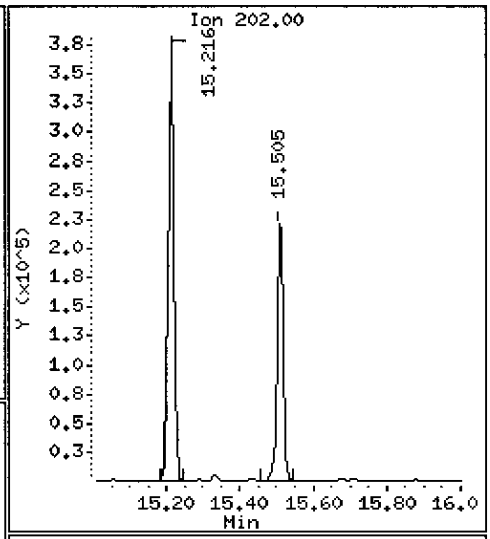
Column phase: DB-5MS

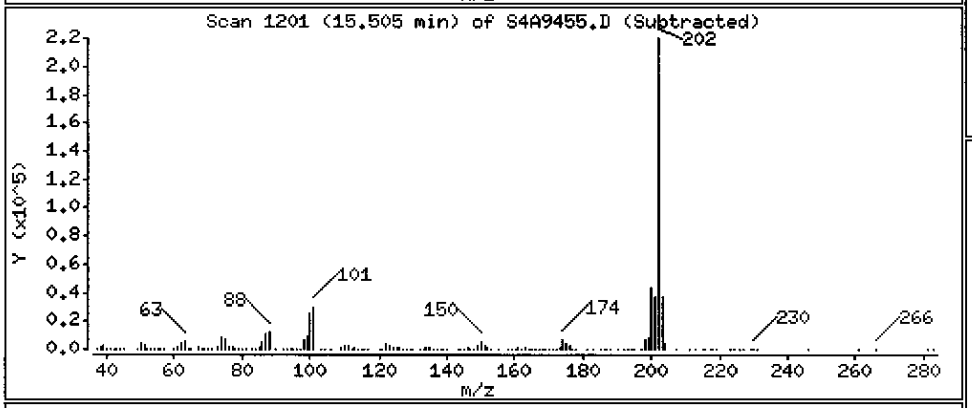
Column diameter: 0.25

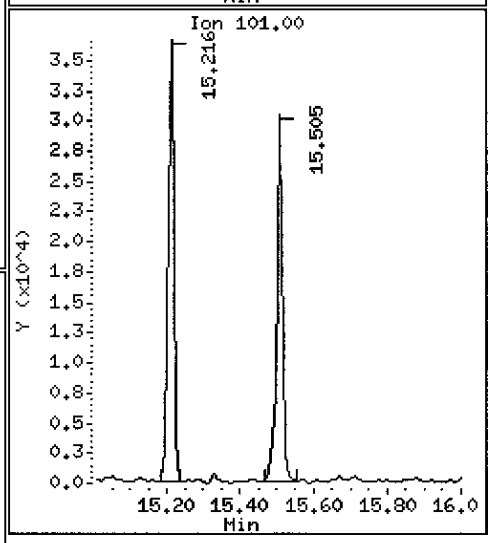
64 Pyrene

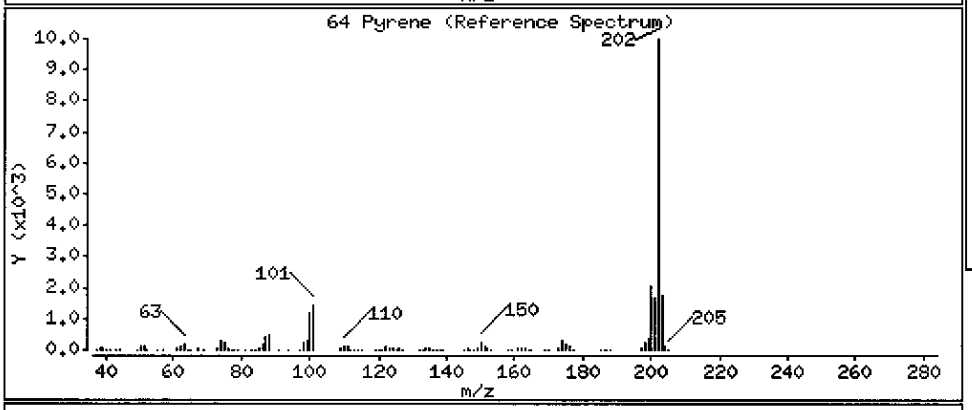
Concentration: 3900 ug/Kg

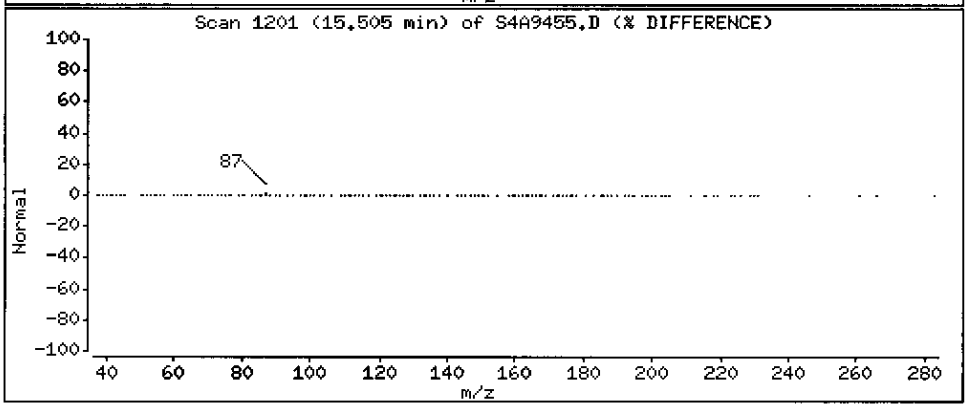












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9455.D

Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

Volume Injected (uL): 2.0

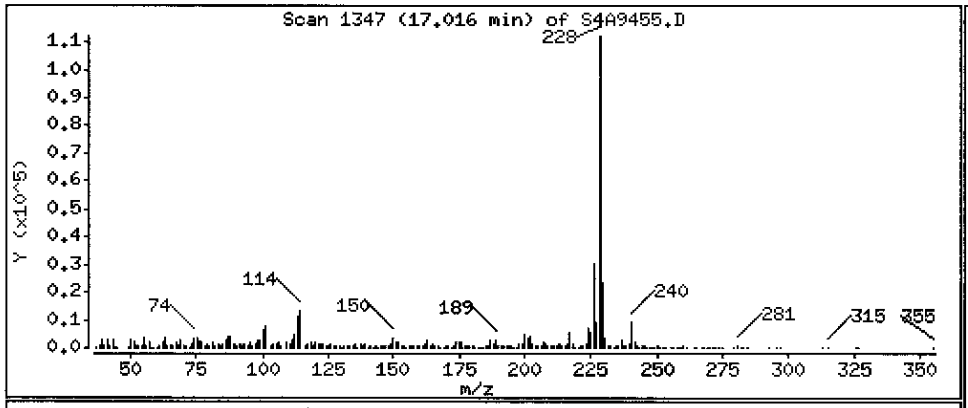
Operator: AW SRC: LIMS

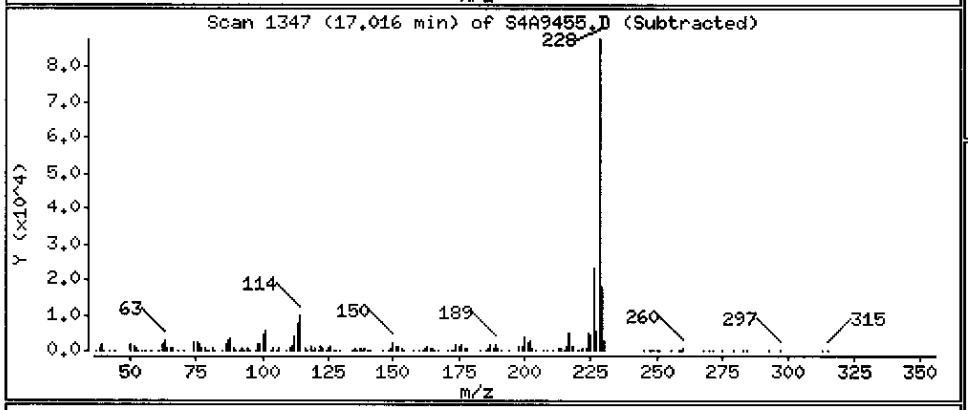
Column phase: DB-5MS

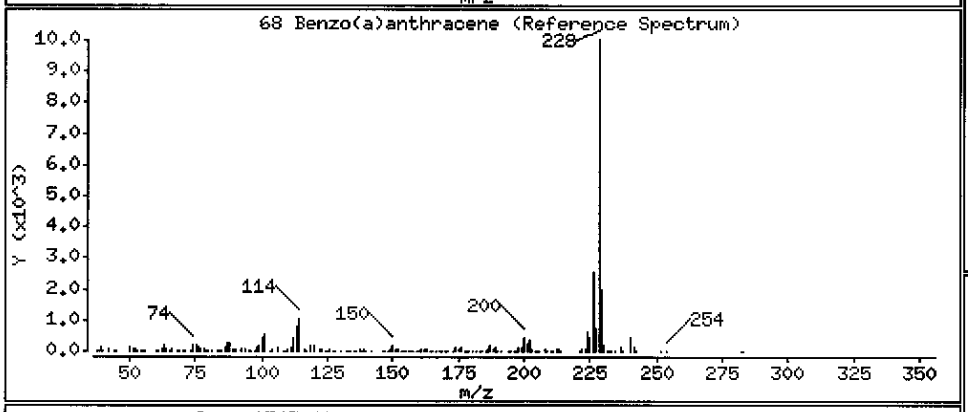
Column diameter: 0.25

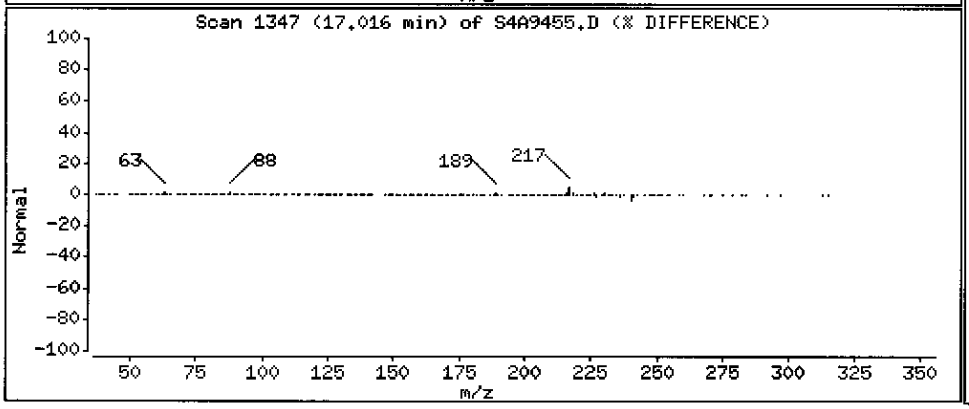
68 Benzo(a)anthracene

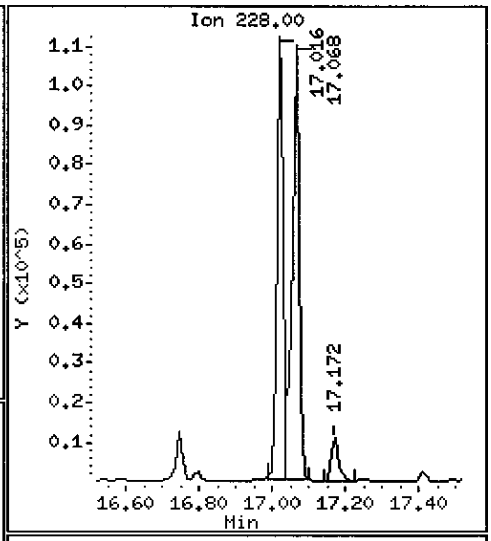
Concentration: 2300 ug/Kg

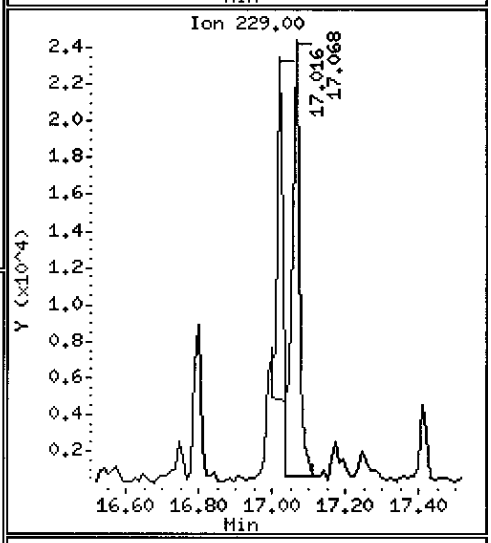


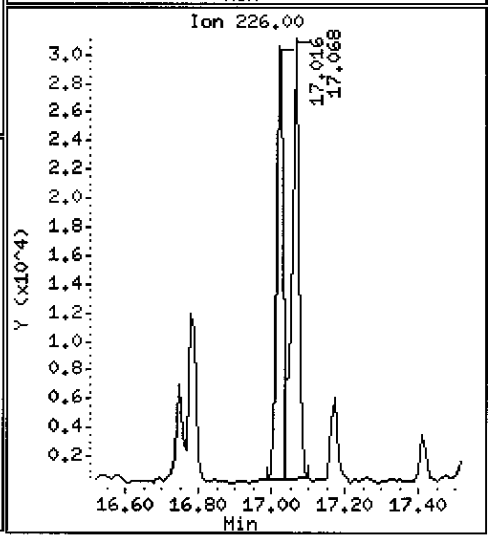












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9455.D

Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

Volume Injected (uL): 2.0

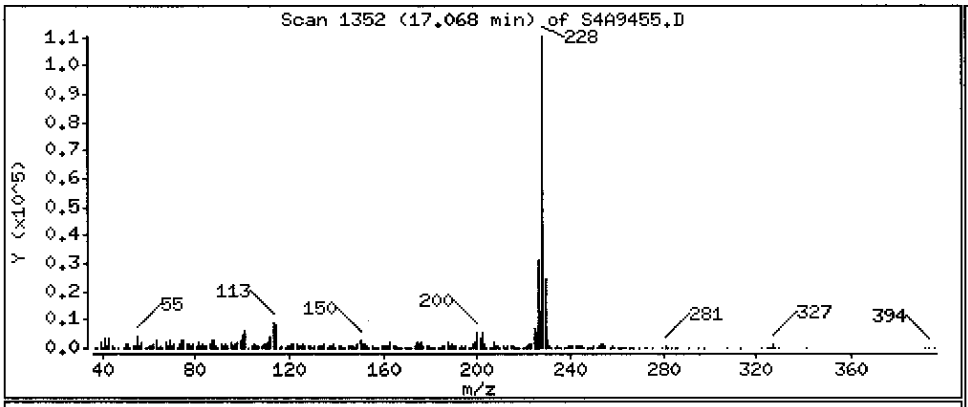
Operator: AW SRC: LIMS

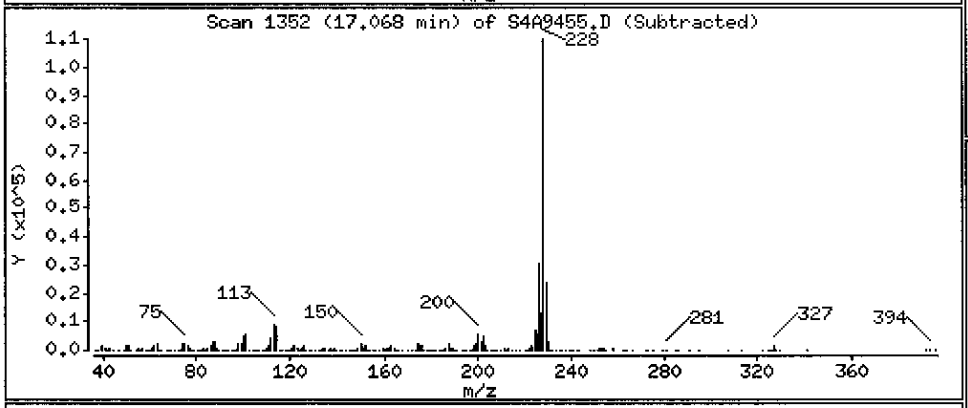
Column phase: DB-5MS

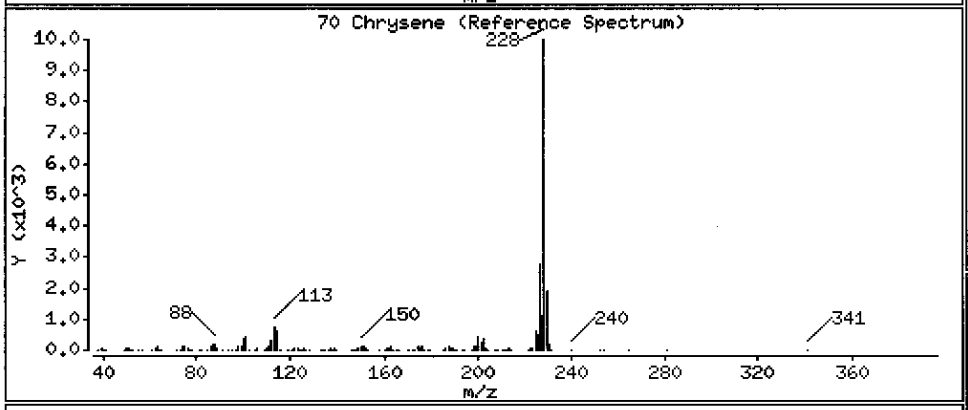
Column diameter: 0.25

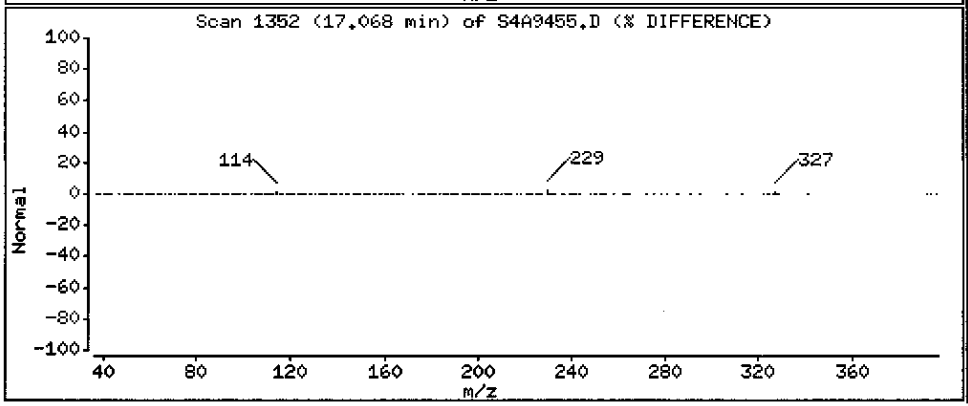
70 Chrysene

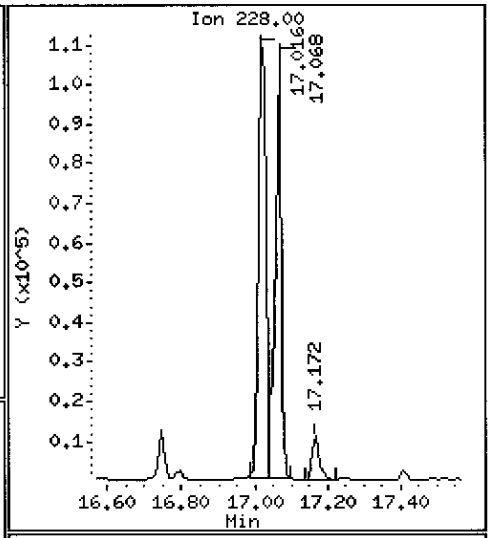
Concentration: 2200 ug/Kg

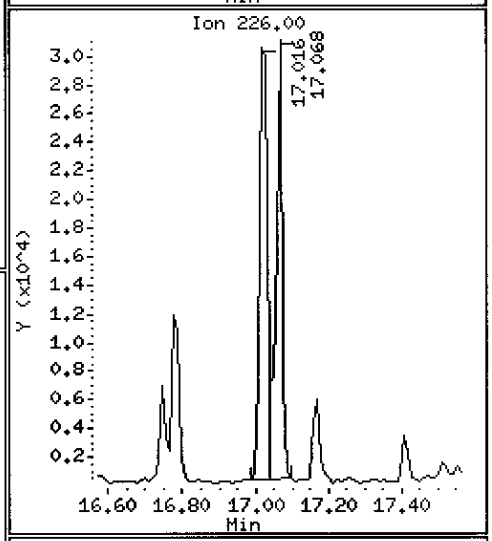


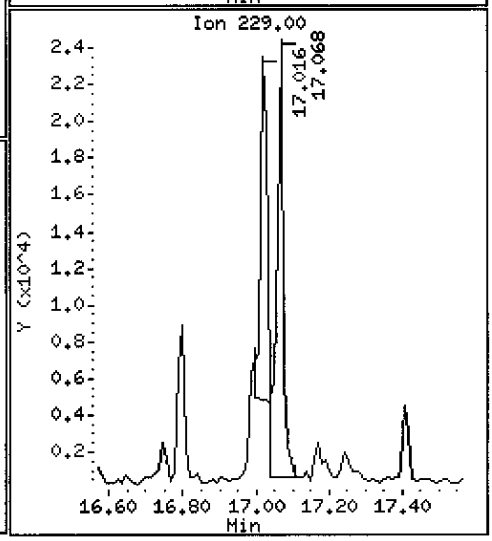












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9455.D

Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

Volume Injected (uL): 2.0

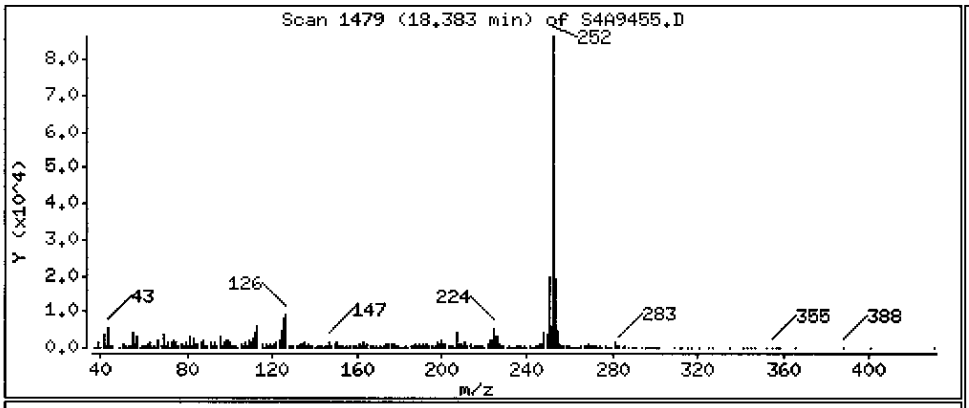
Operator: AW SRC: LIMS

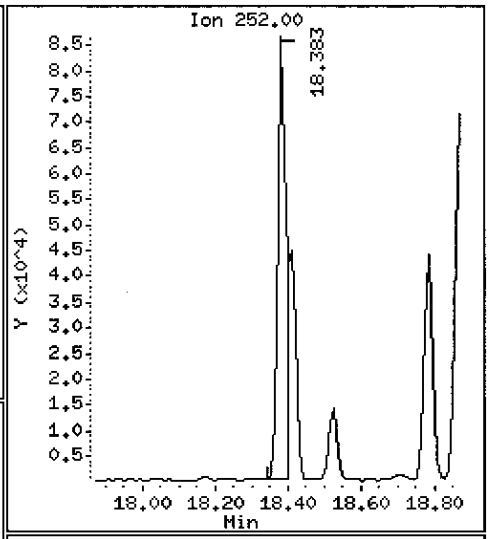
Column phase: DB-5MS

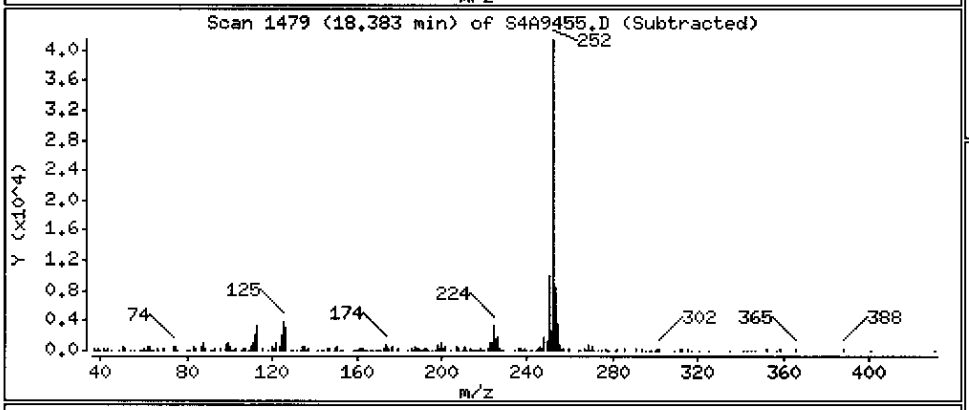
Column diameter: 0.25

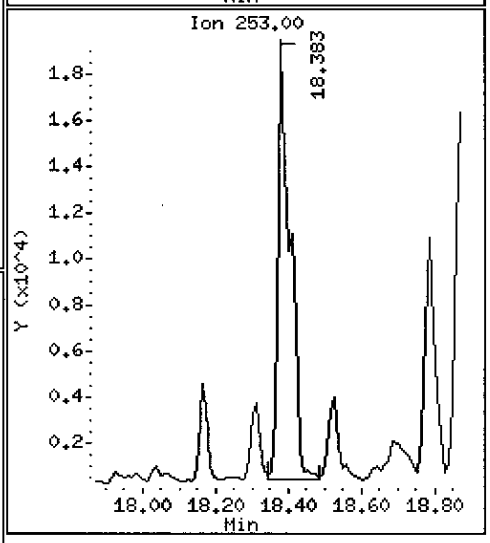
73 Benzo(b)fluoranthene

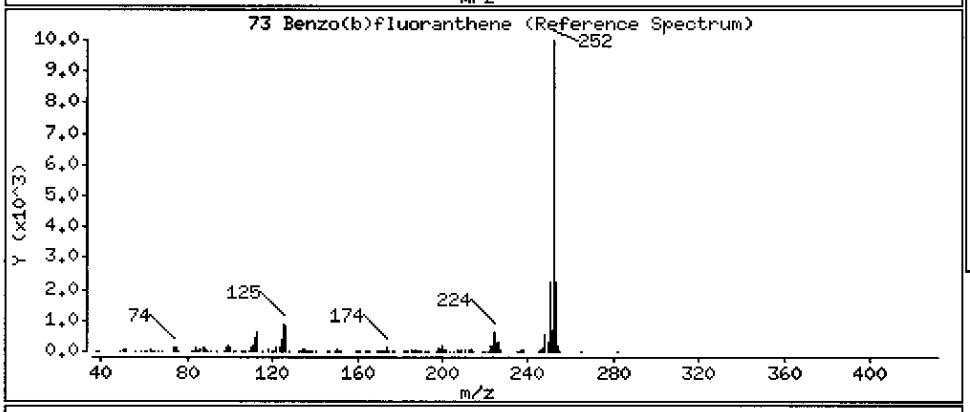
Concentration: 2500 ug/Kg

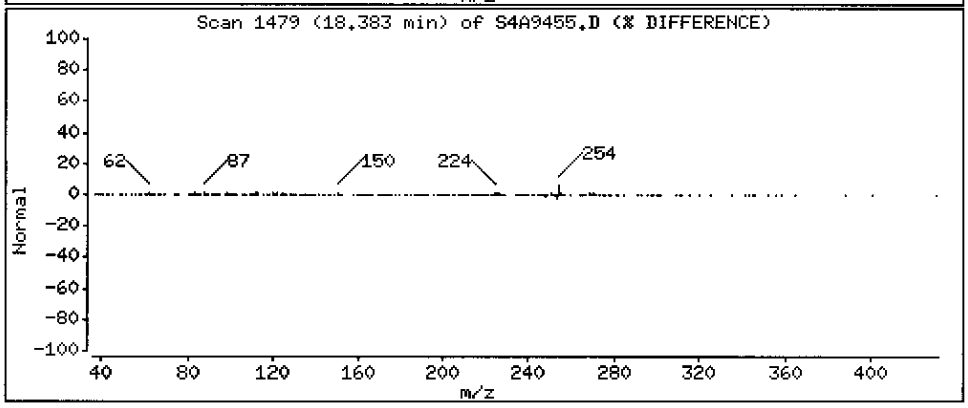












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9455.D

Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

Volume Injected (uL): 2.0

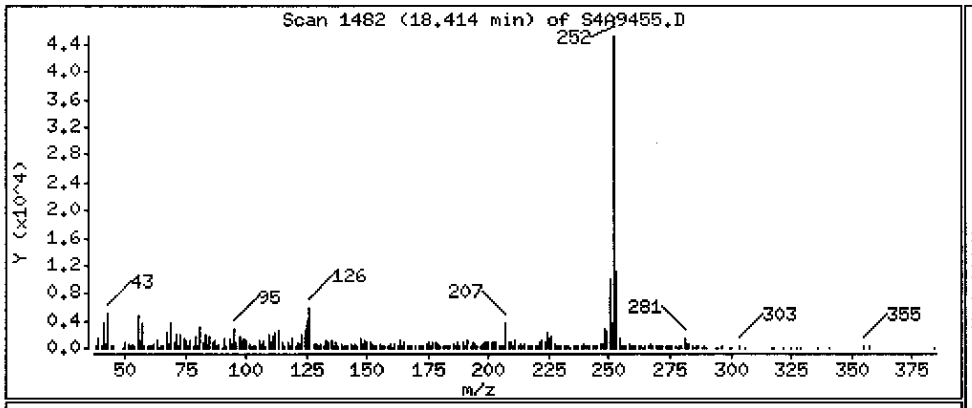
Operator: AW SRC: LIMS

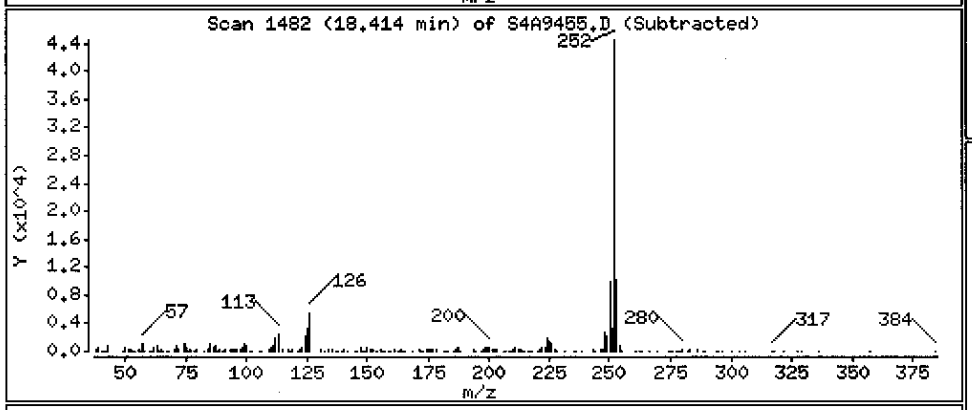
Column phase: DB-5MS

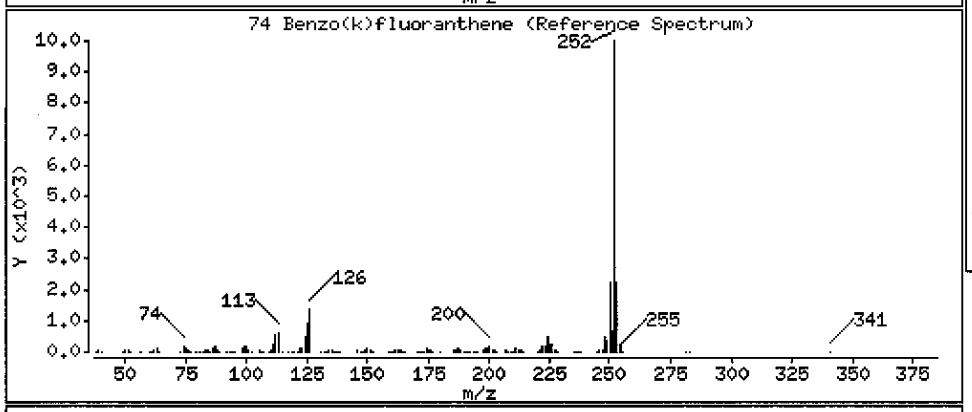
Column diameter: 0.25

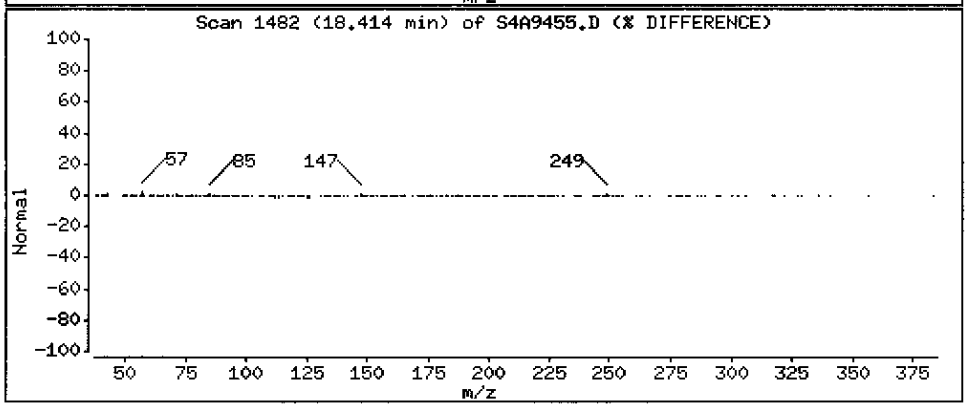
74 Benzo(k)fluoranthene

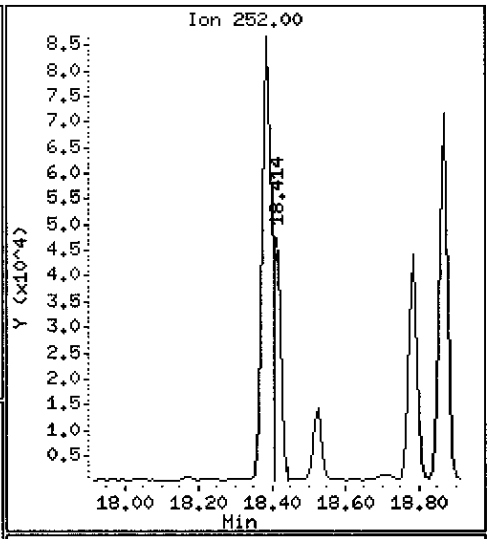
Concentration: 1200 ug/Kg

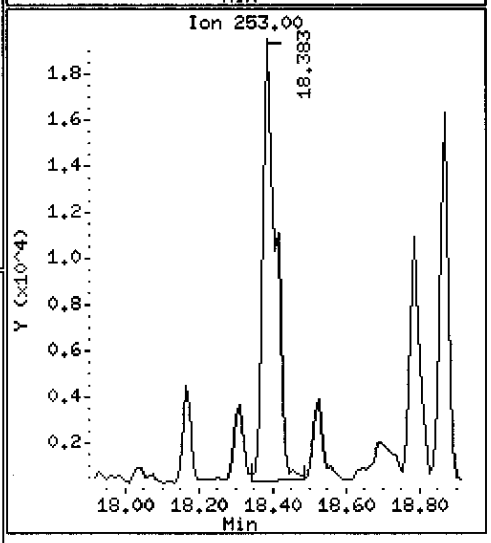












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9455.D

Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

Volume Injected (uL): 2.0

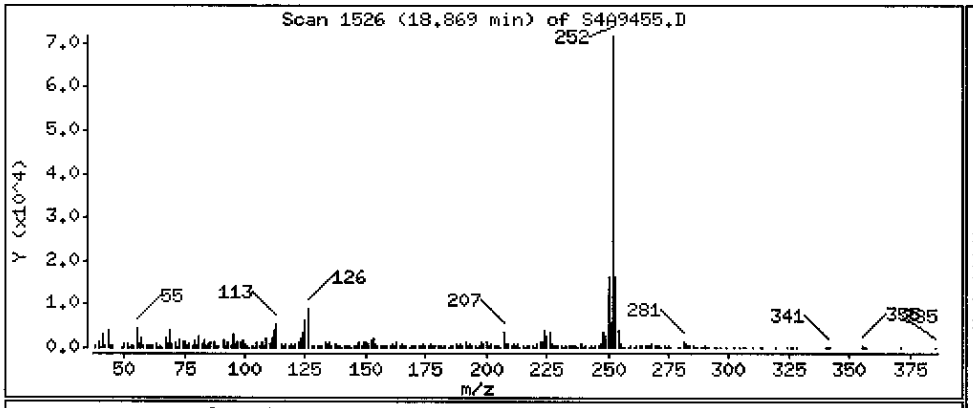
Operator: AW SRC: LIMS

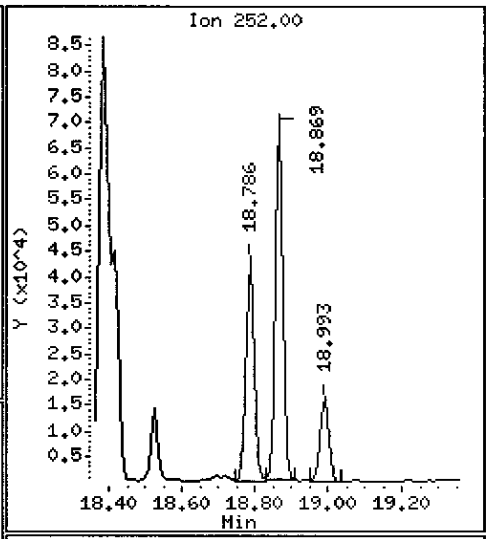
Column phase: DB-5MS

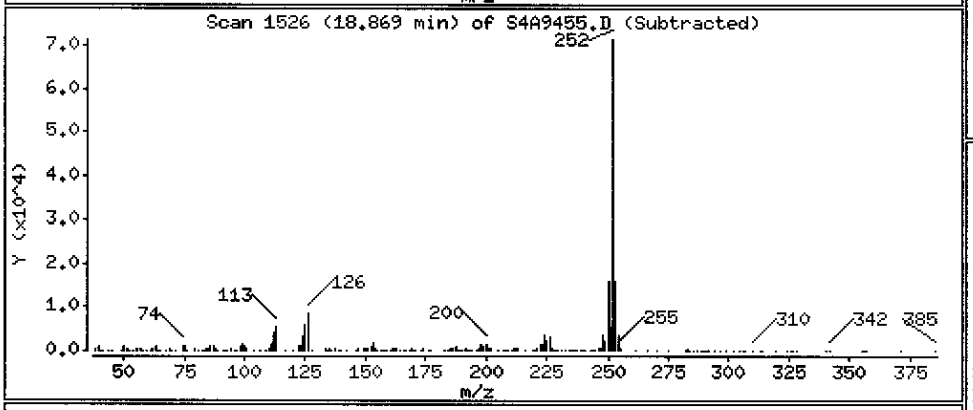
Column diameter: 0.25

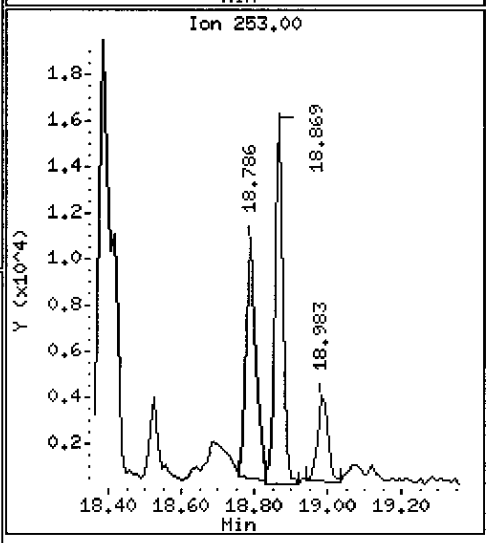
75 Benzo(a)pyrene

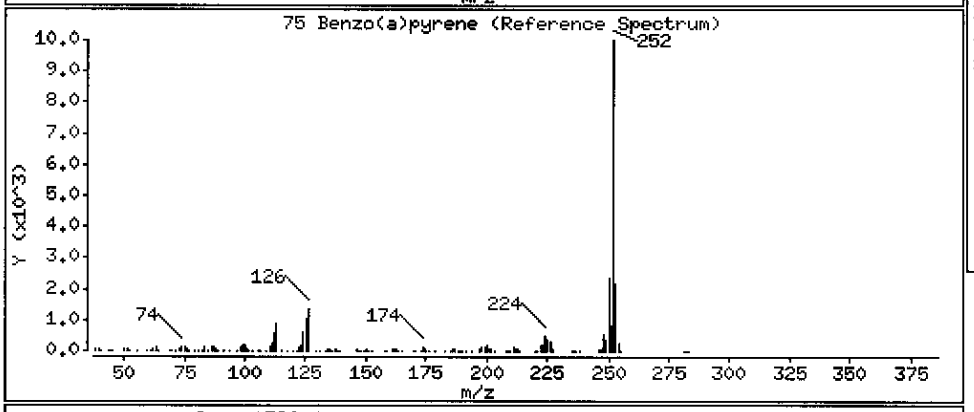
Concentration: 2100 ug/Kg

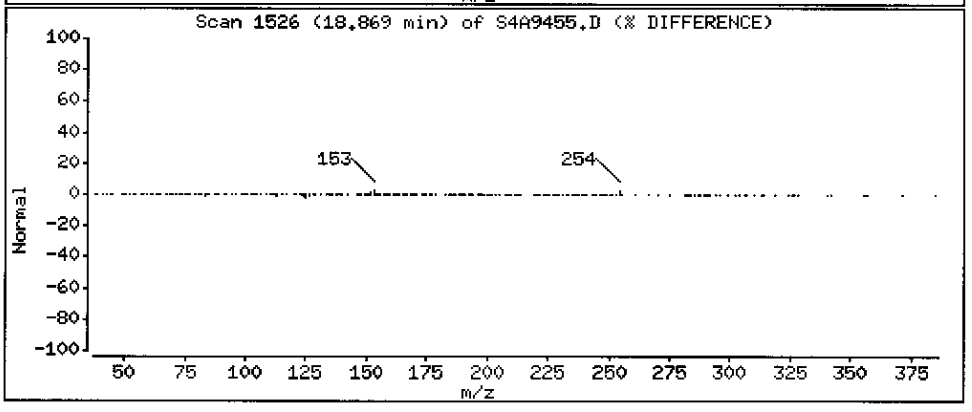












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9455.D

Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

Volume Injected (uL): 2.0

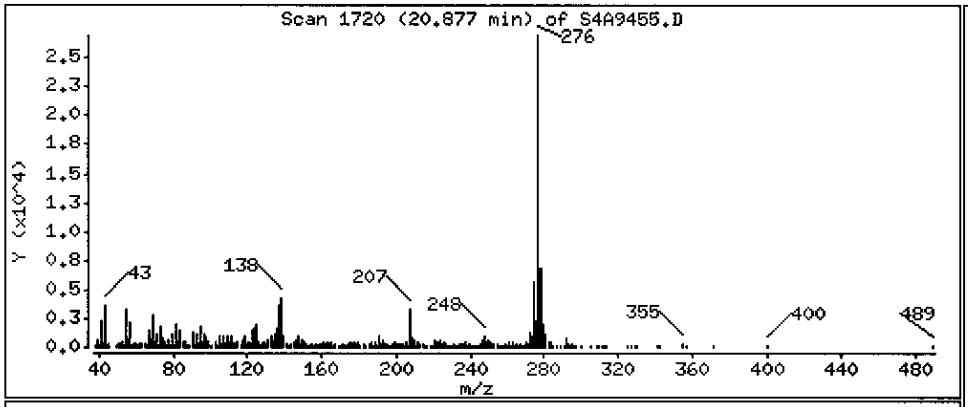
Operator: AW SRC: LIMS

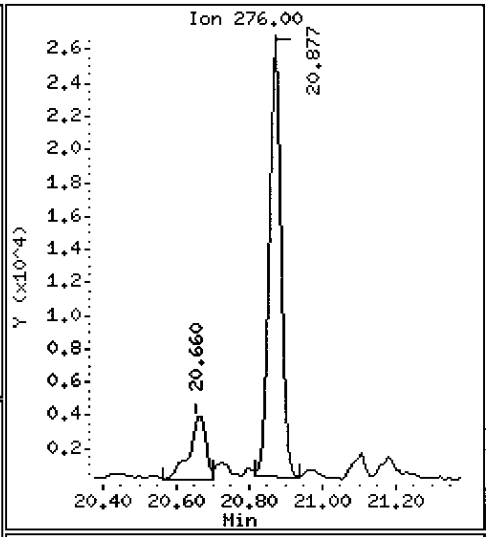
Column phase: DB-5MS

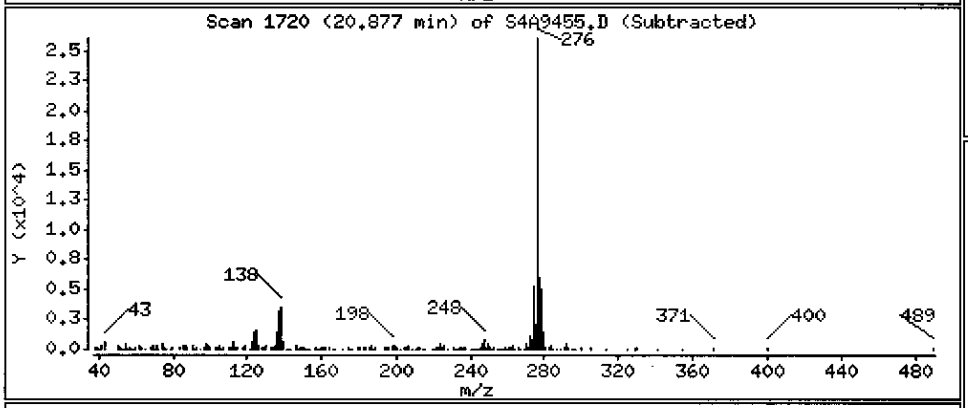
Column diameter: 0.25

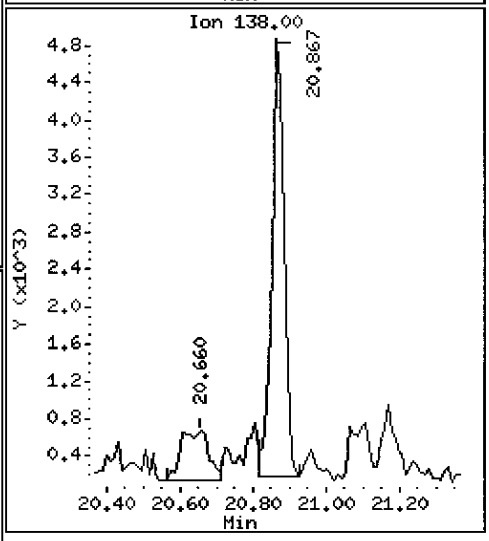
77 Indeno(1,2,3-cd)pyrene

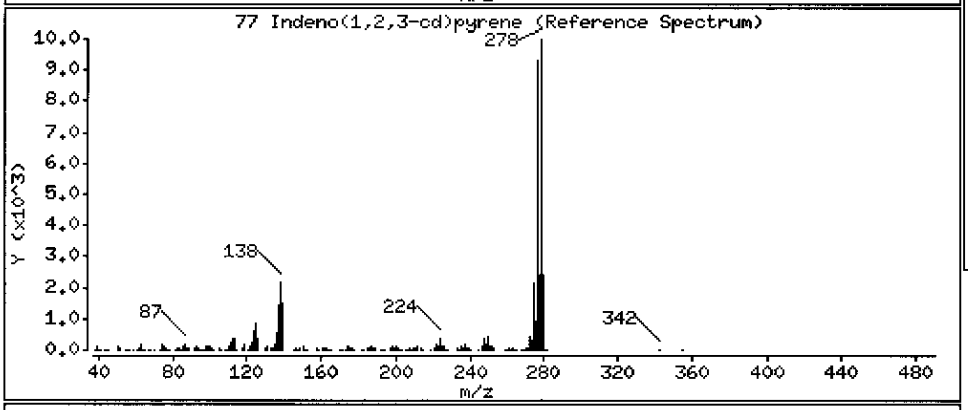
Concentration: 1000 ug/Kg

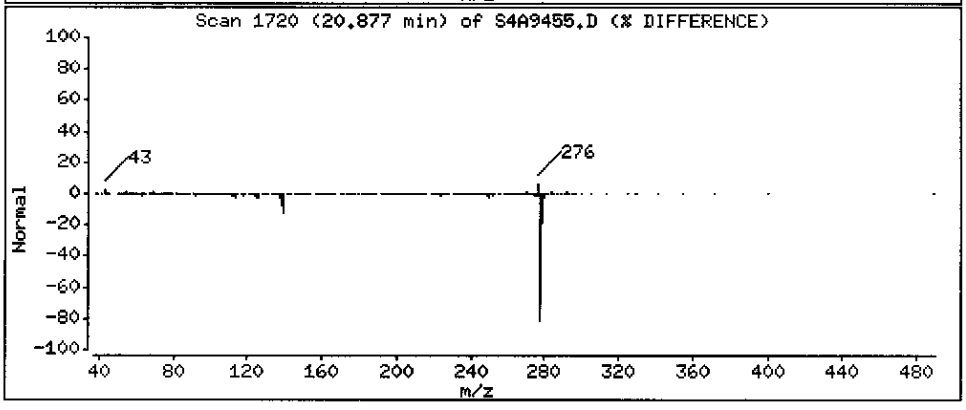












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9455.D

Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

Volume Injected (uL): 2.0

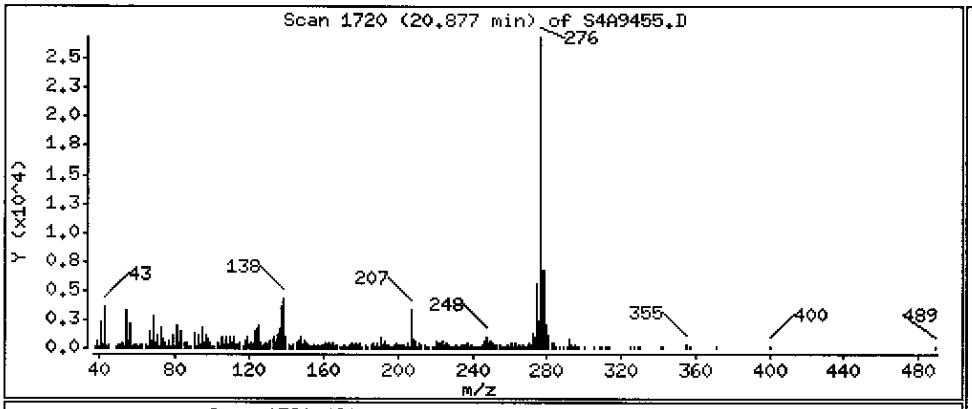
Operator: AW SRC: LIMS

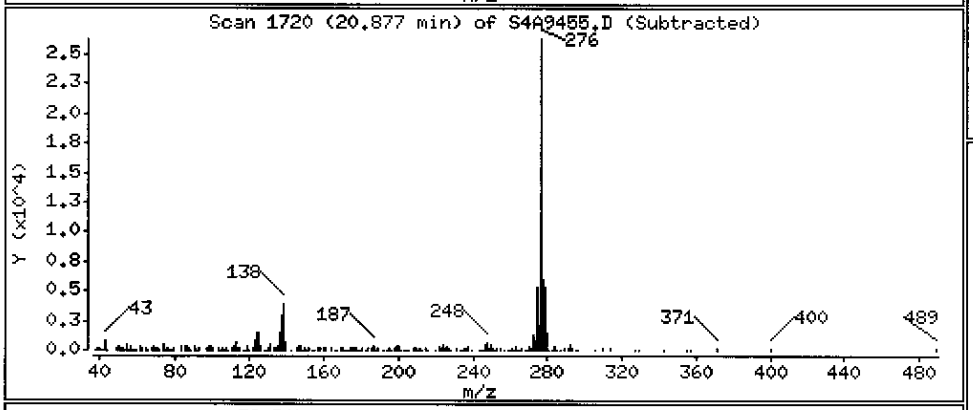
Column phase: DB-5MS

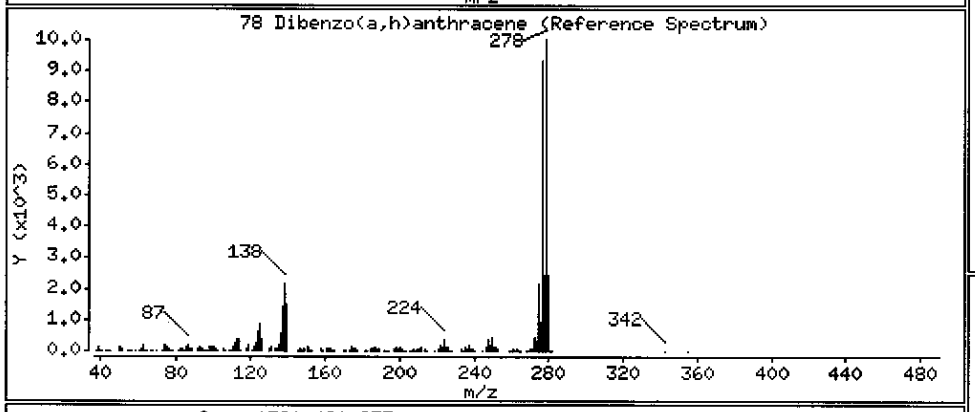
Column diameter: 0.25

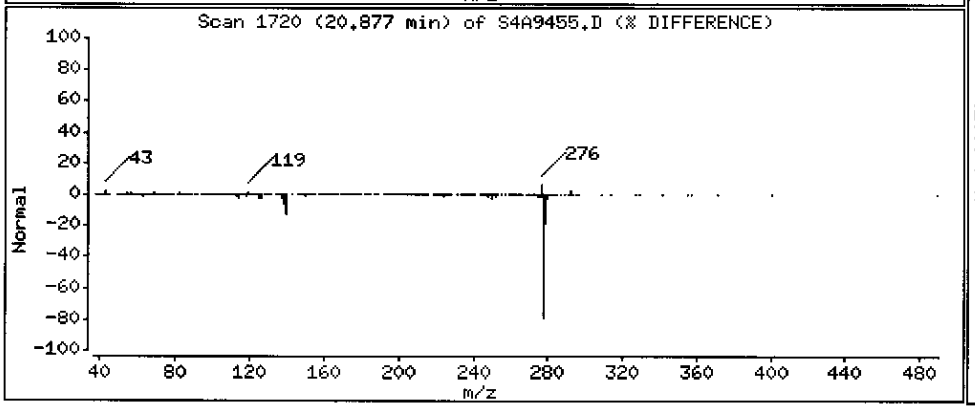
78 Dibenzo(a,h)anthracene

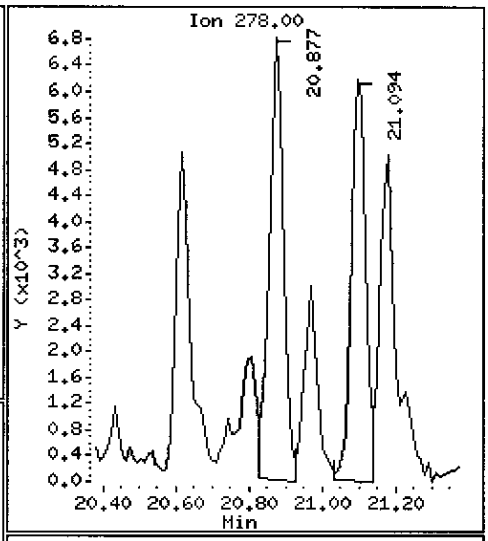
Concentration: 380 ug/Kg

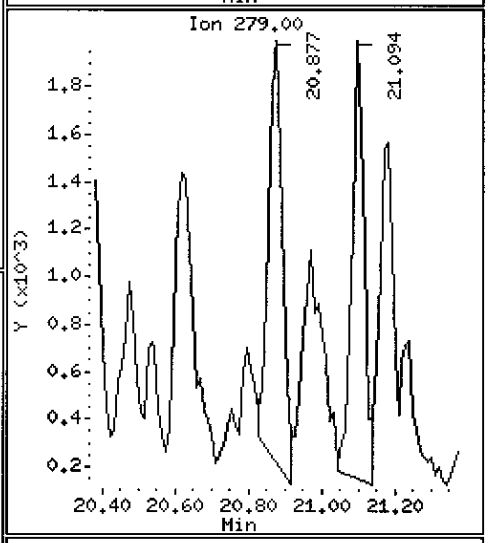


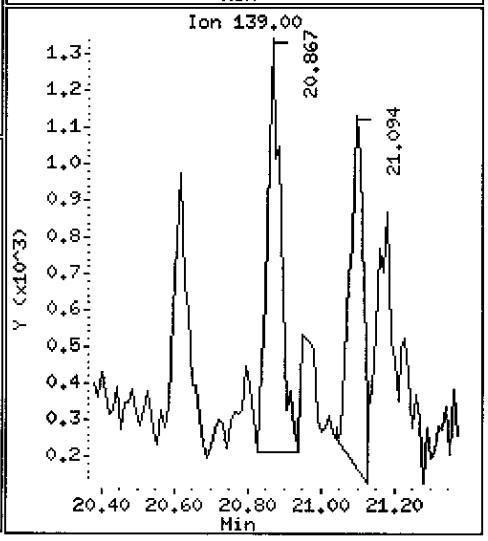












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Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

Volume Injected (uL): 2.0

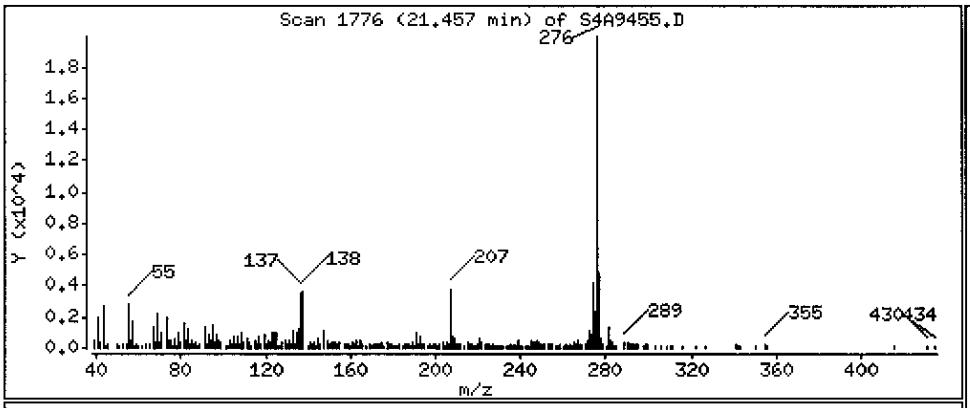
Operator: AW SRC: LIMS

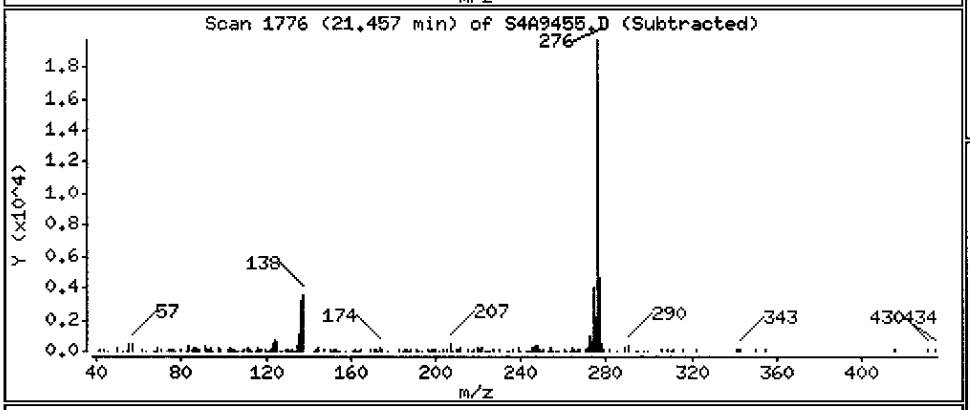
Column phase: DB-5MS

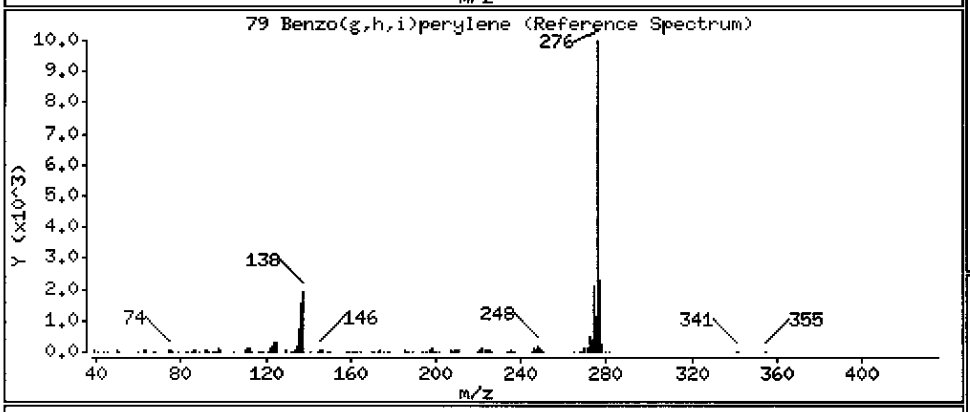
Column diameter: 0.25

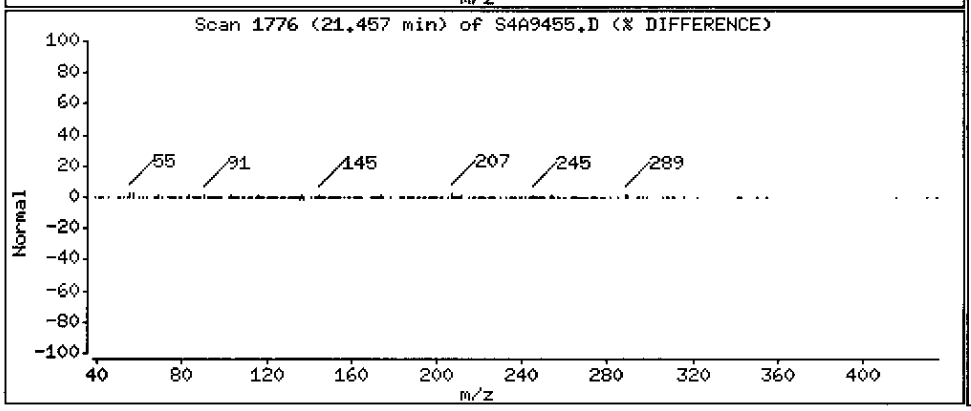
79 Benzo(g,h,i)perylene

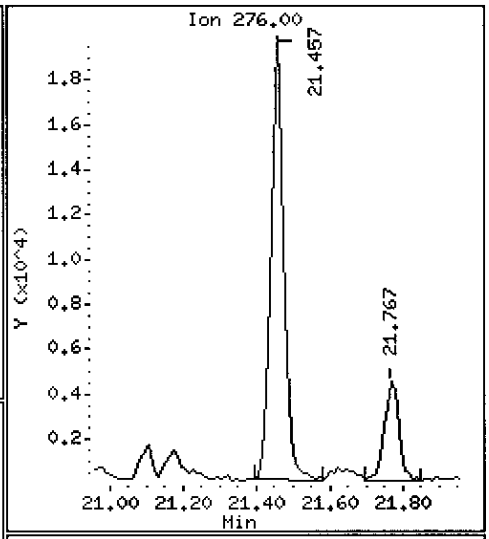
Concentration: 1100 ug/Kg

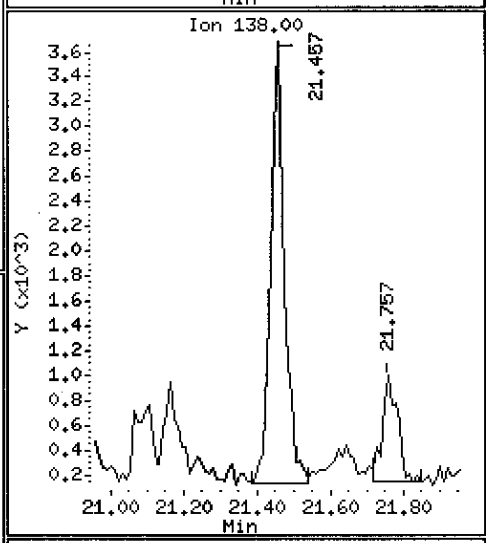


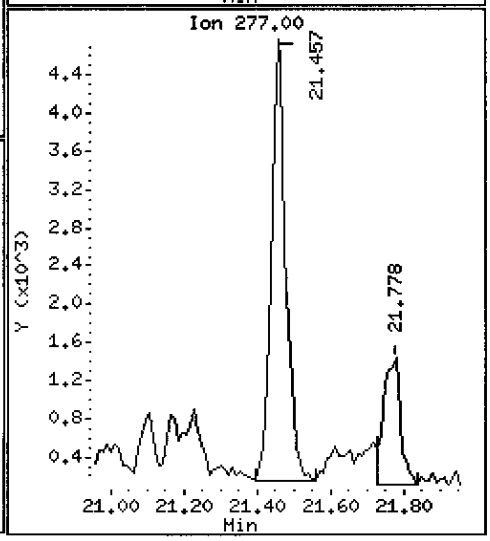












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Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

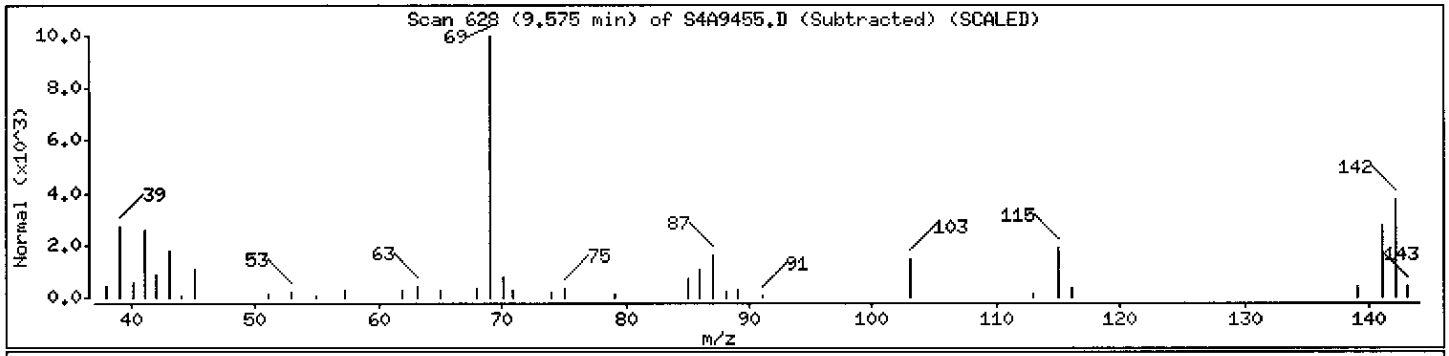
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 12:04

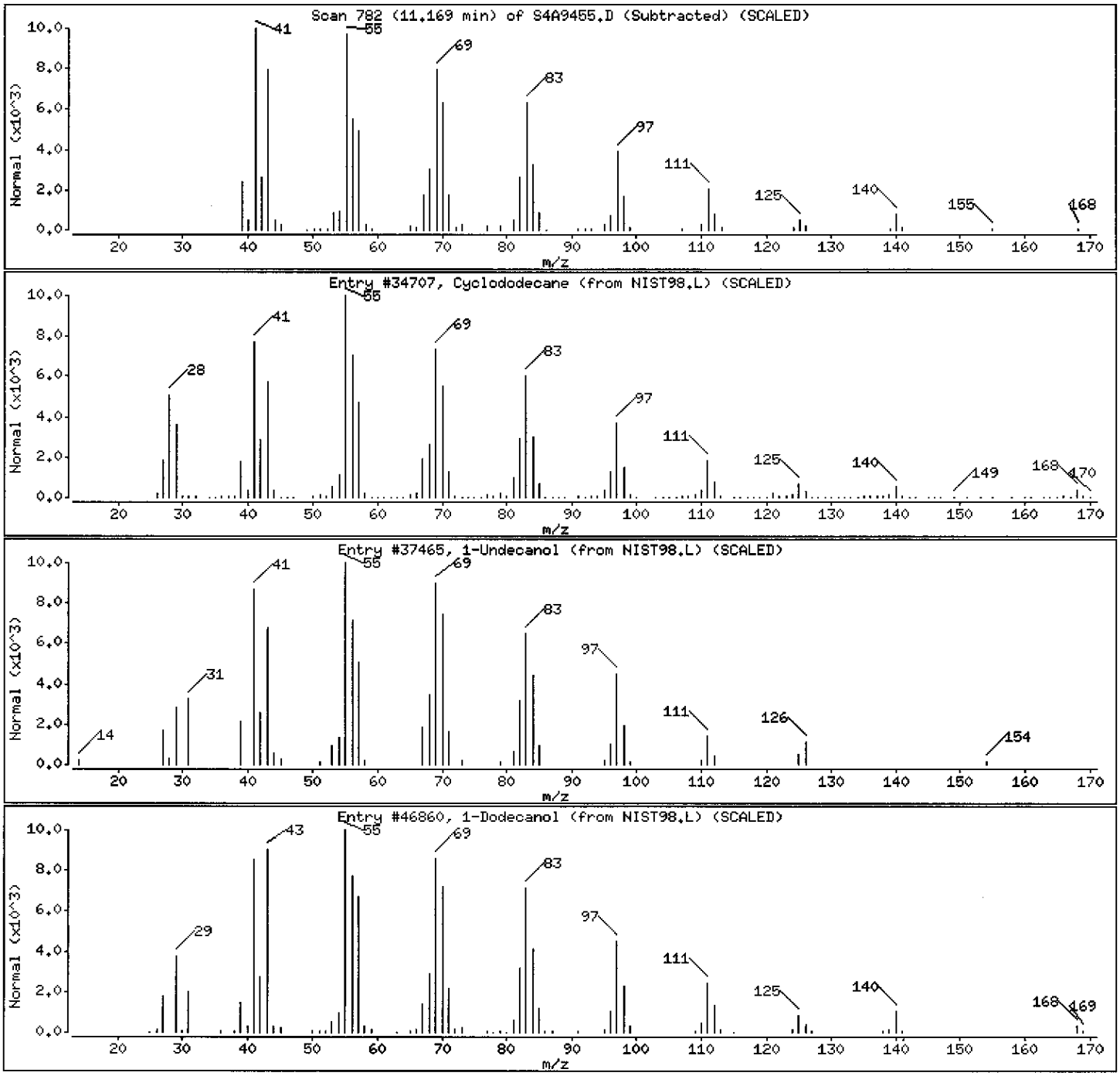
Client ID: SD07-S-MDL Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34707	94	C12H24	168
1-Undecanol	112-42-5	NIST98.L	37465	91	C11H240	172
1-Dodecanol	112-53-8	NIST98.L	46860	91	C12H260	186



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Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

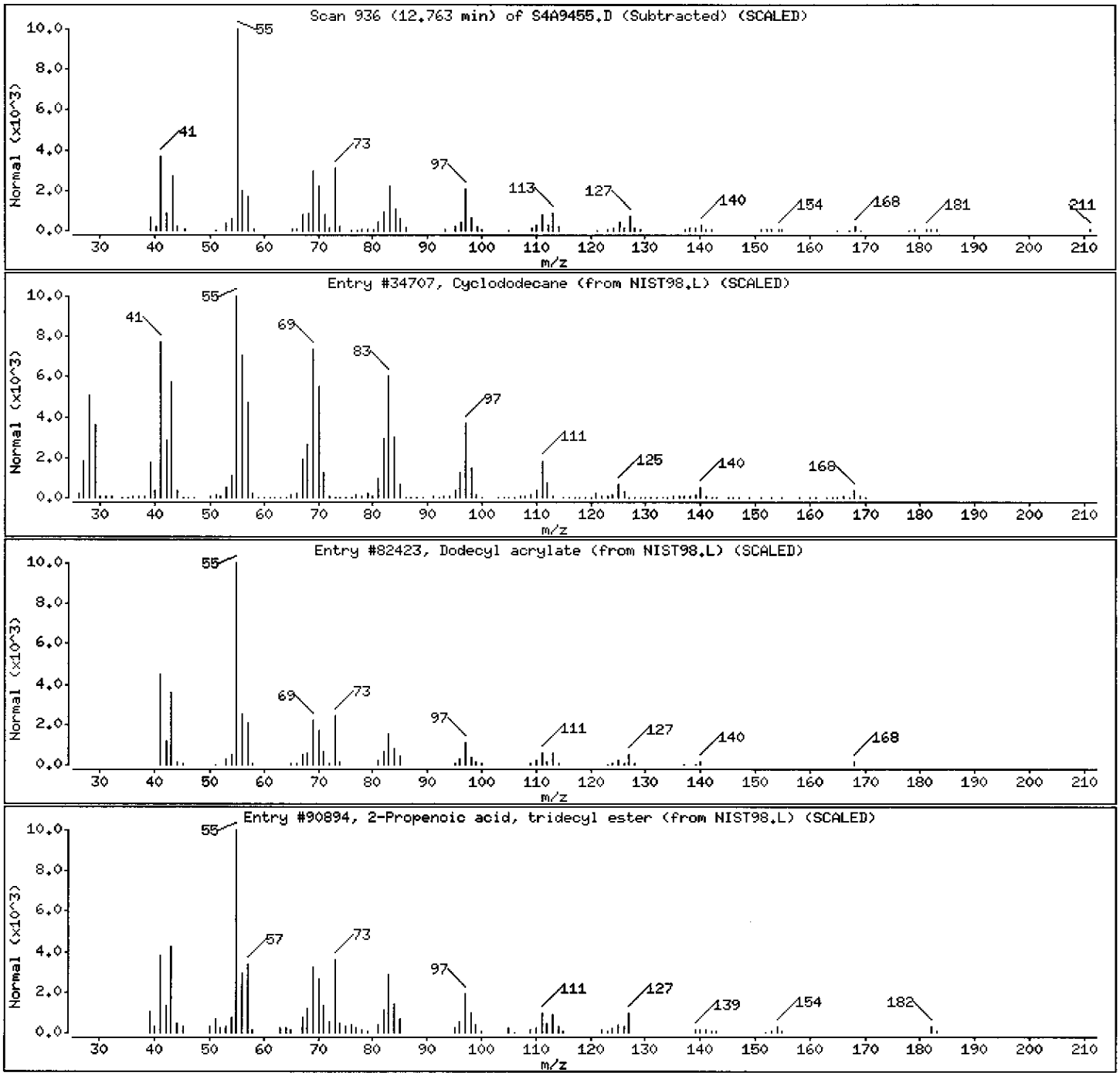
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34707	91	C12H24	168
Dodecyl acrylate	2156-97-0	NIST98.L	82423	91	C15H28O2	240
2-Propenoic acid, tridecyl ester	3076-04-8	NIST98.L	90894	83	C16H30O2	254



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Date : 25-AUG-2005 12:04

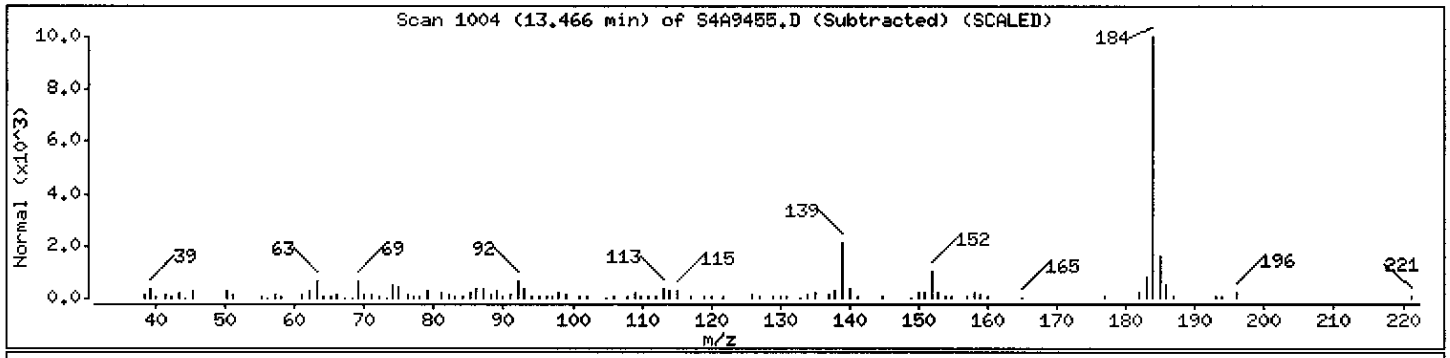
Client ID: SD07-S-MDL Instrument: S4.i

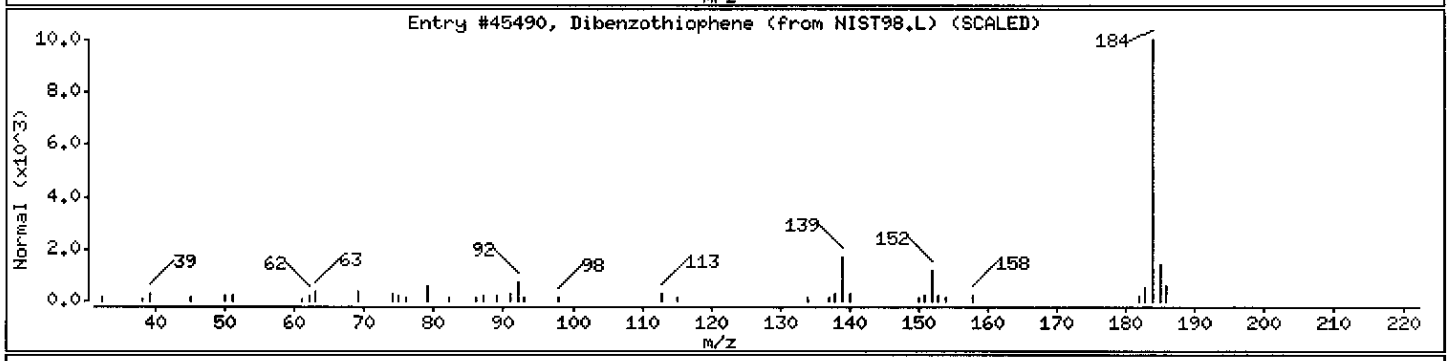
Sample Info: D0926-07ADL,,19468,,2

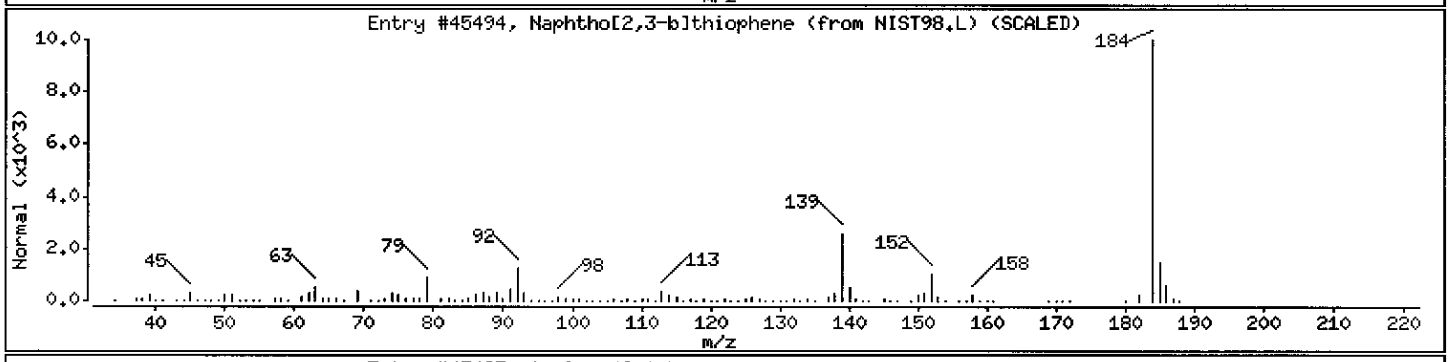
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

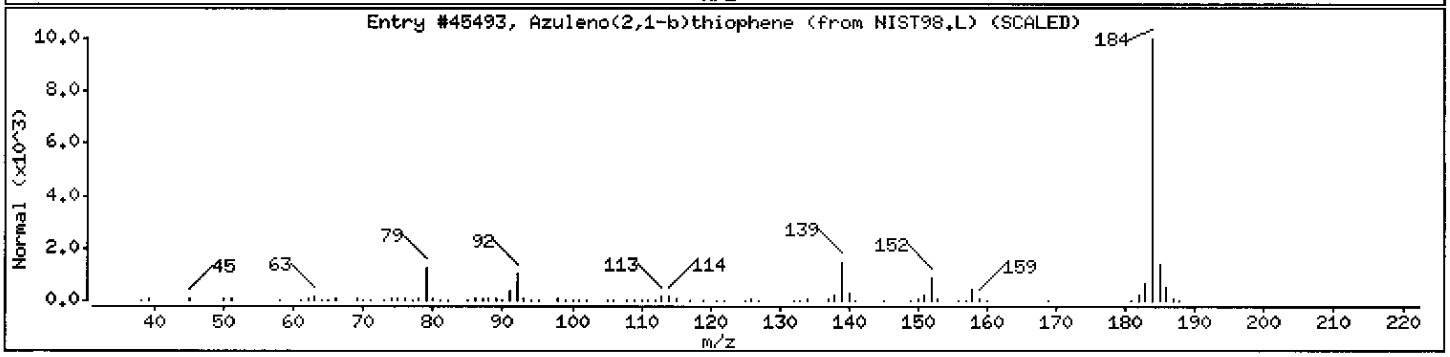
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dibenzothiophene	132-65-0	NIST98.L	45490	95	C12H8S	184
Naphtho[2,3-b]thiophene	268-77-9	NIST98.L	45494	93	C12H8S	184
Azuleno(2,1-b)thiophene	248-13-5	NIST98.L	45493	86	C12H8S	184









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Date : 25-AUG-2005 12:04

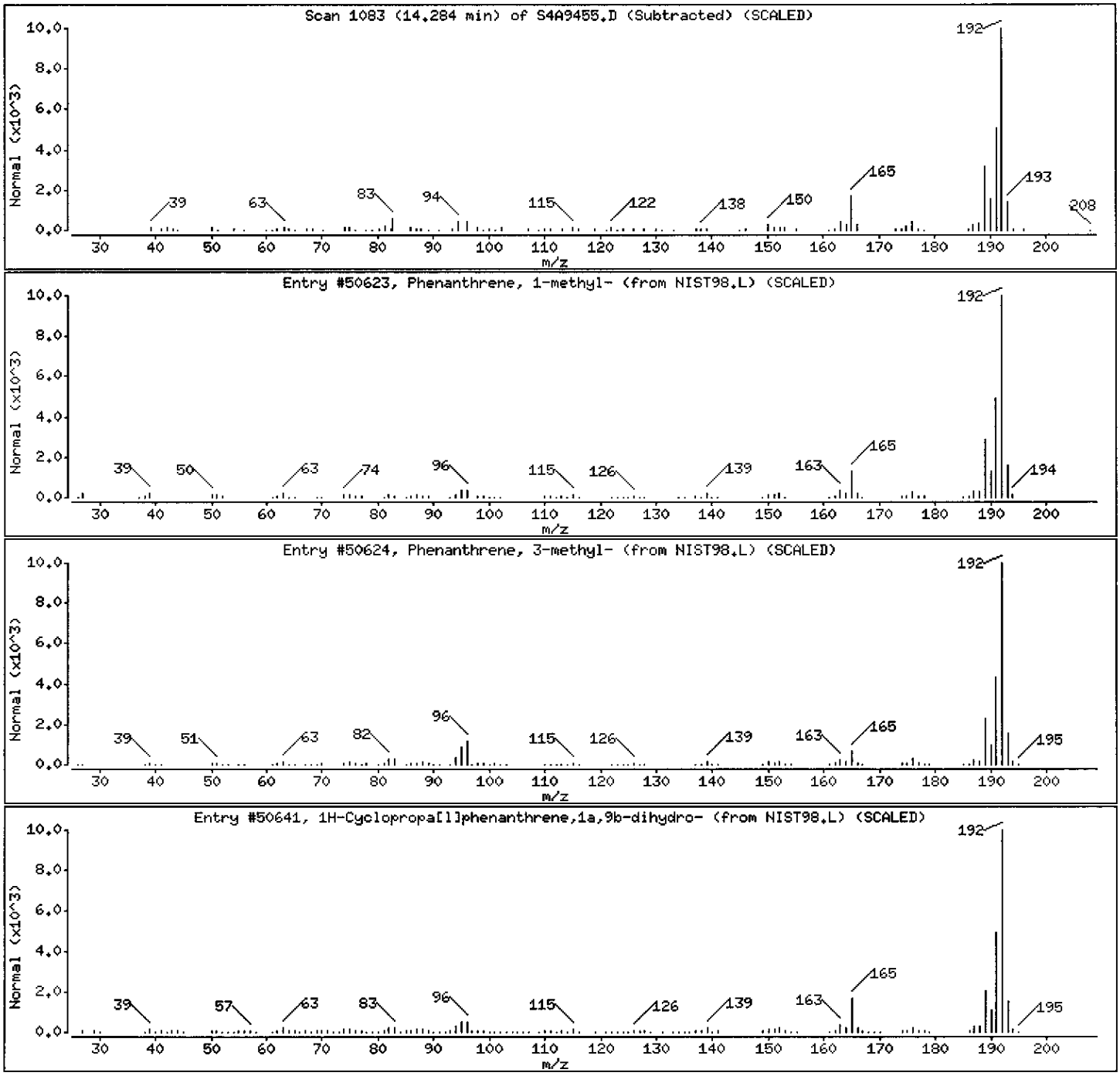
Client ID: SD07-S-MDL Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 1-methyl-	832-69-9	NIST98.L	50623	93	C15H12	192
Phenanthrene, 3-methyl-	832-71-3	NIST98.L	50624	93	C15H12	192
1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd	949-41-7	NIST98.L	50641	91	C15H12	192



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Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

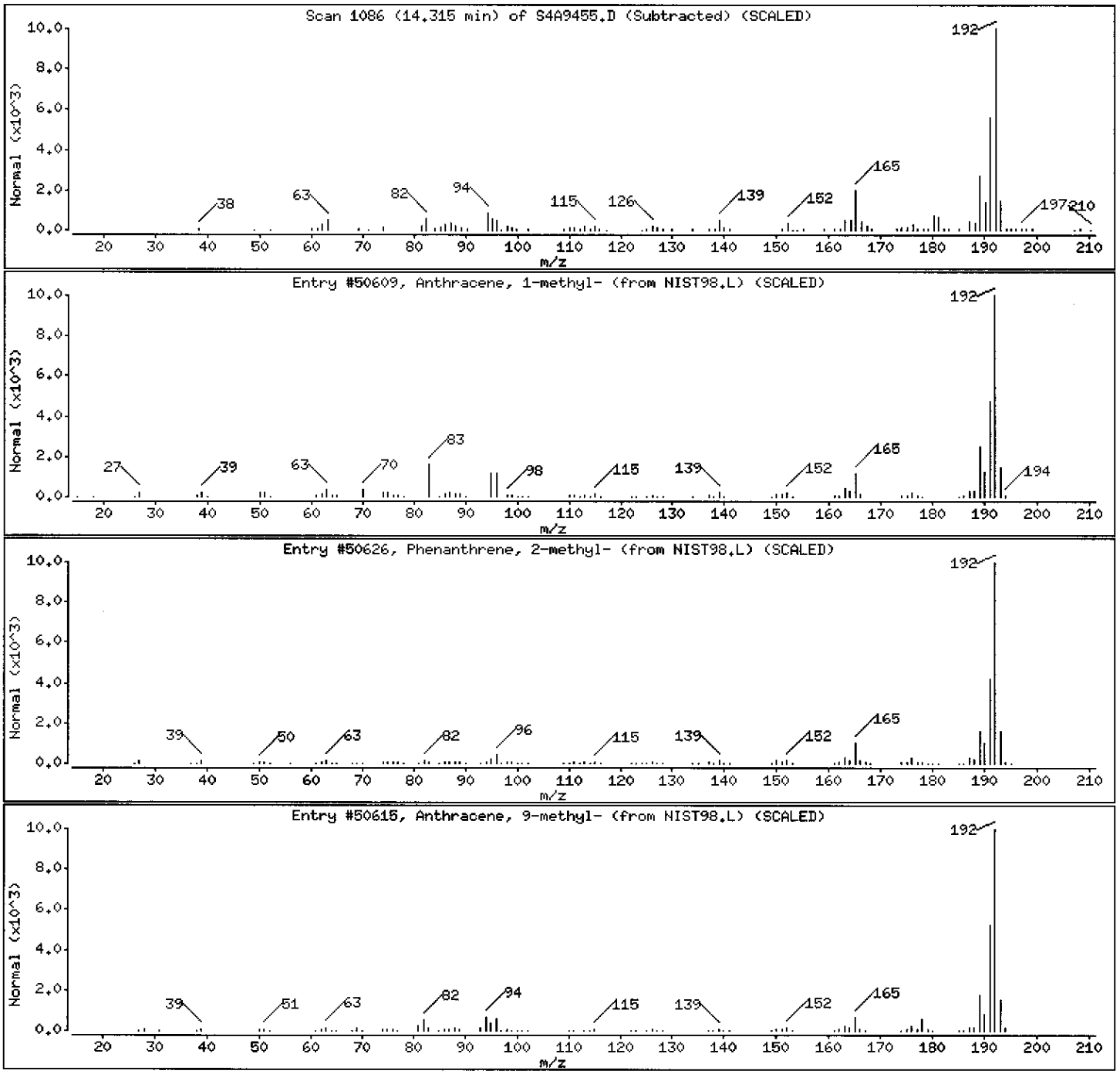
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Anthracene, 1-methyl-	610-48-0	NIST98.L	50609	93	C15H12	192
Phenanthrene, 2-methyl-	2531-84-2	NIST98.L	50626	91	C15H12	192
Anthracene, 9-methyl-	779-02-2	NIST98.L	50615	91	C15H12	192



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Date : 25-AUG-2005 12:04

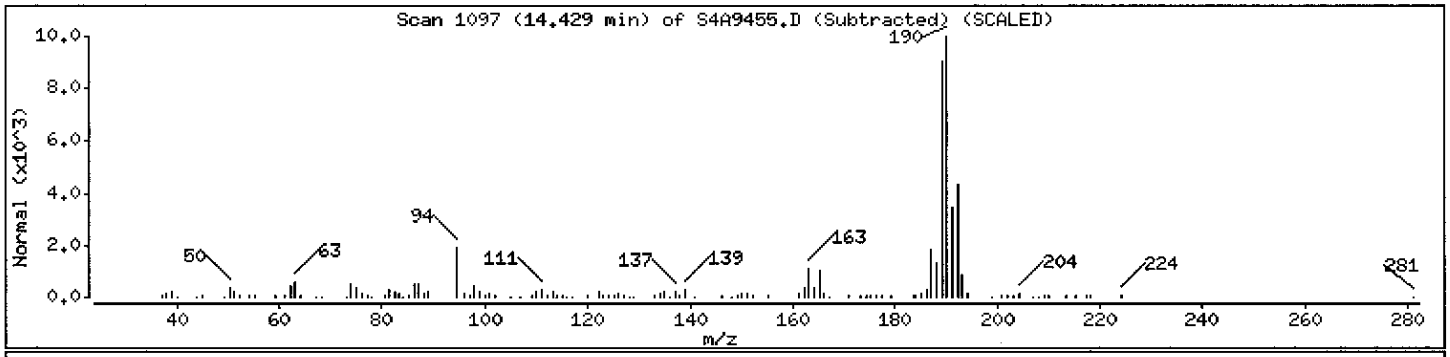
Client ID: SD07-S-MDL Instrument: S4.i

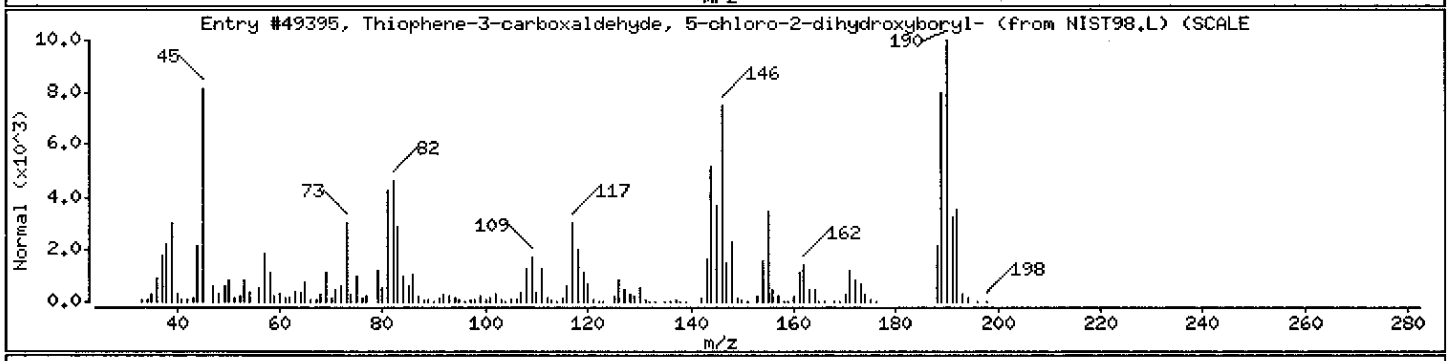
Sample Info: D0926-07ADL,,19468,,2

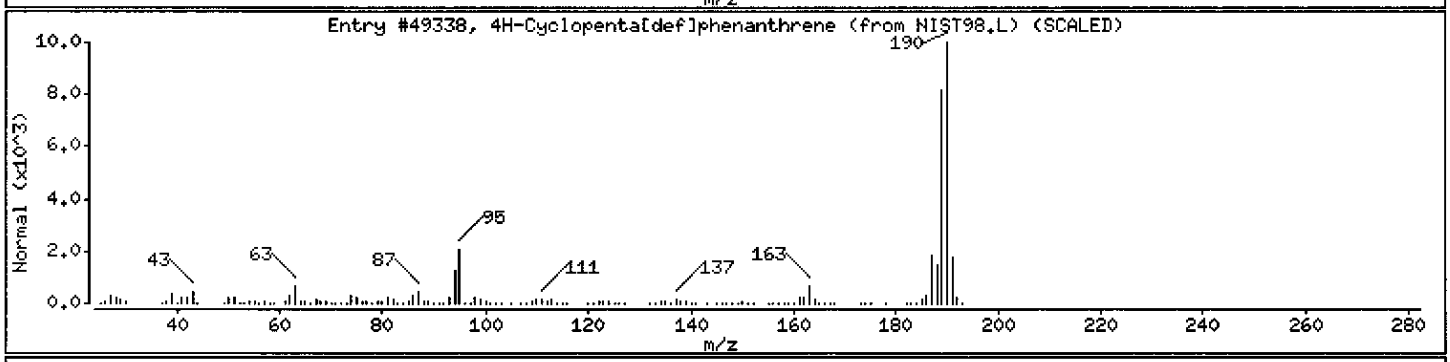
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Thiophene-3-carboxaldehyde, 5-chloro-2-d	36155-87-0	NIST98.L	49395	72	C5H4BClO3S	190
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST98.L	49338	70	C15H10	190







Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9455.D

Date : 25-AUG-2005 12:04

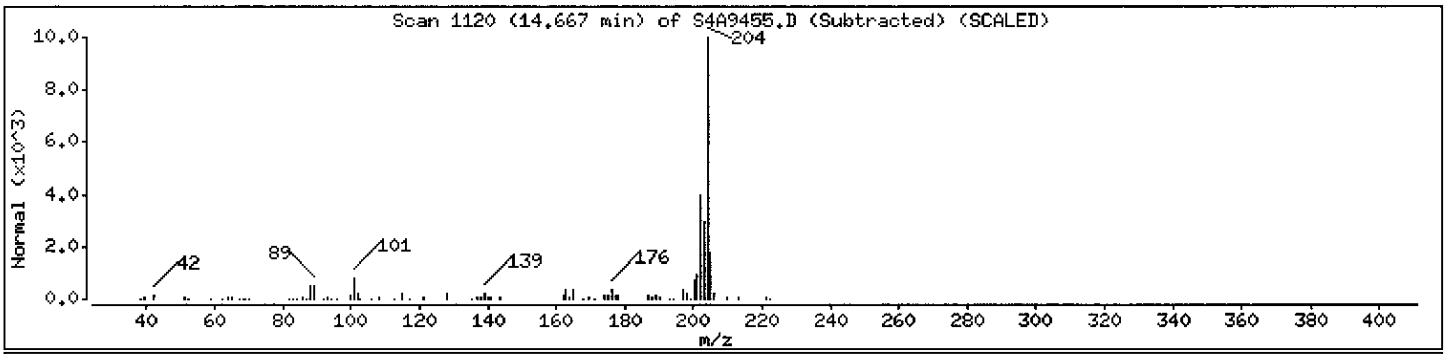
Client ID: SD07-S-MDL Instrument: S4.i

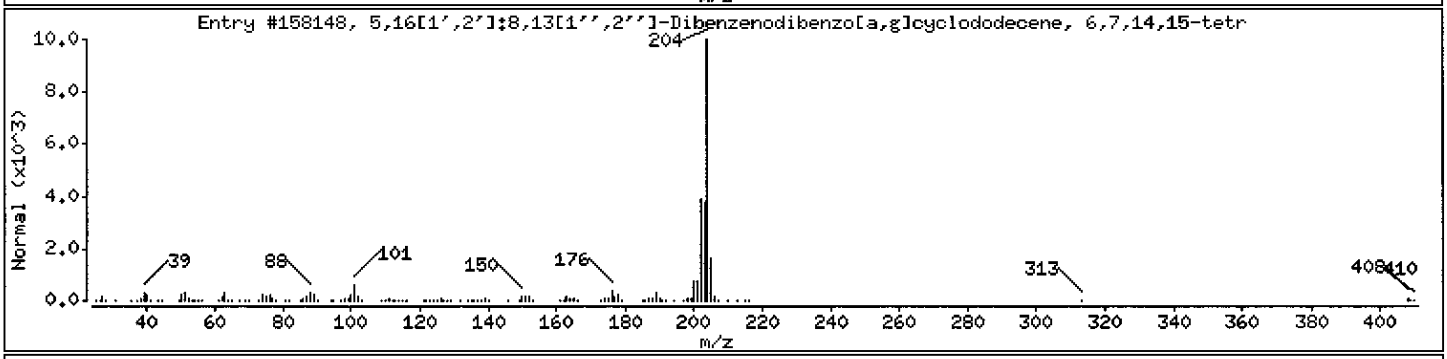
Sample Info: D0926-07ADL,,19468,,2

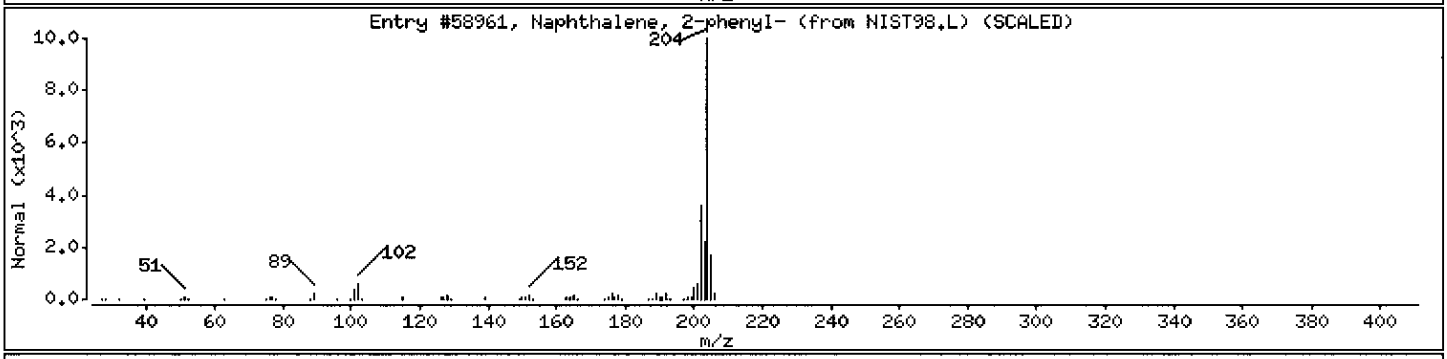
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

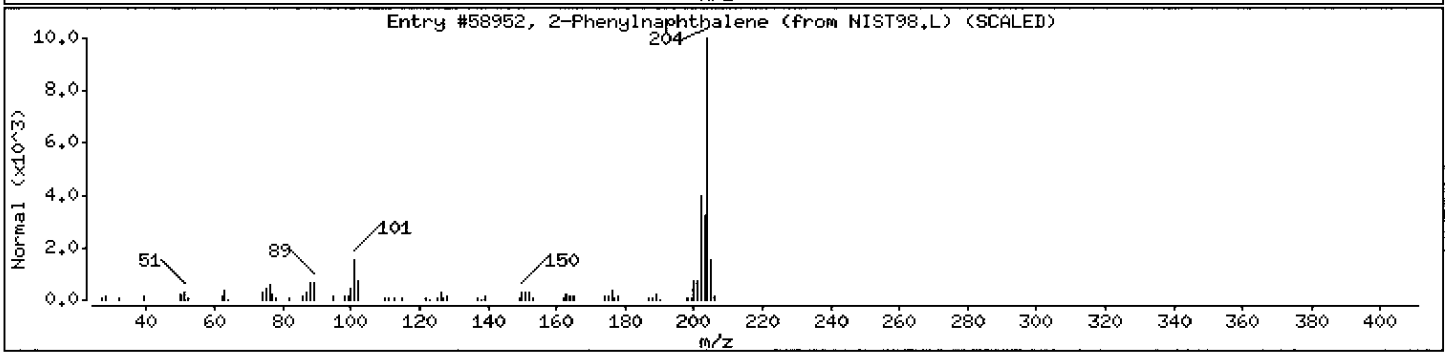
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
5,16[1',2']:8,13[1'',2'']-Dibenzenodiben	5672-97-9	NIST98.L	158148	90	C32H24	408
Naphthalene, 2-phenyl-	612-94-2	NIST98.L	58961	70	C16H12	204
2-Phenylnaphthalene	35465-71-5	NIST98.L	58952	58	C16H12	204









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Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

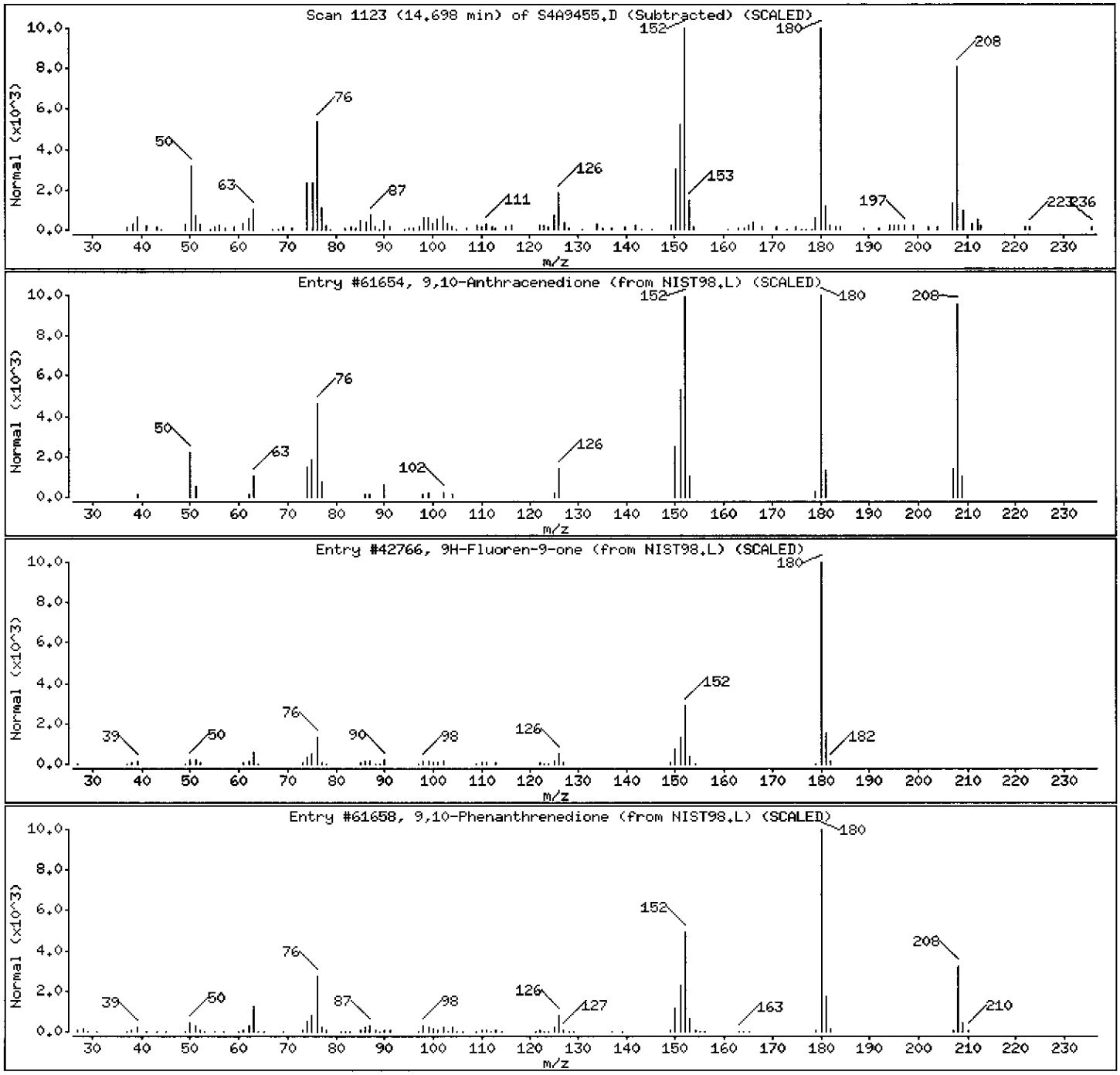
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
9,10-Anthracenedione	84-65-1	NIST98.L	61654	98	C14H8O2	208
9H-Fluoren-9-one	486-25-9	NIST98.L	42766	95	C13H8O	180
9,10-Phenanthrenedione	84-11-7	NIST98.L	61658	93	C14H8O2	208



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Date : 25-AUG-2005 12:04

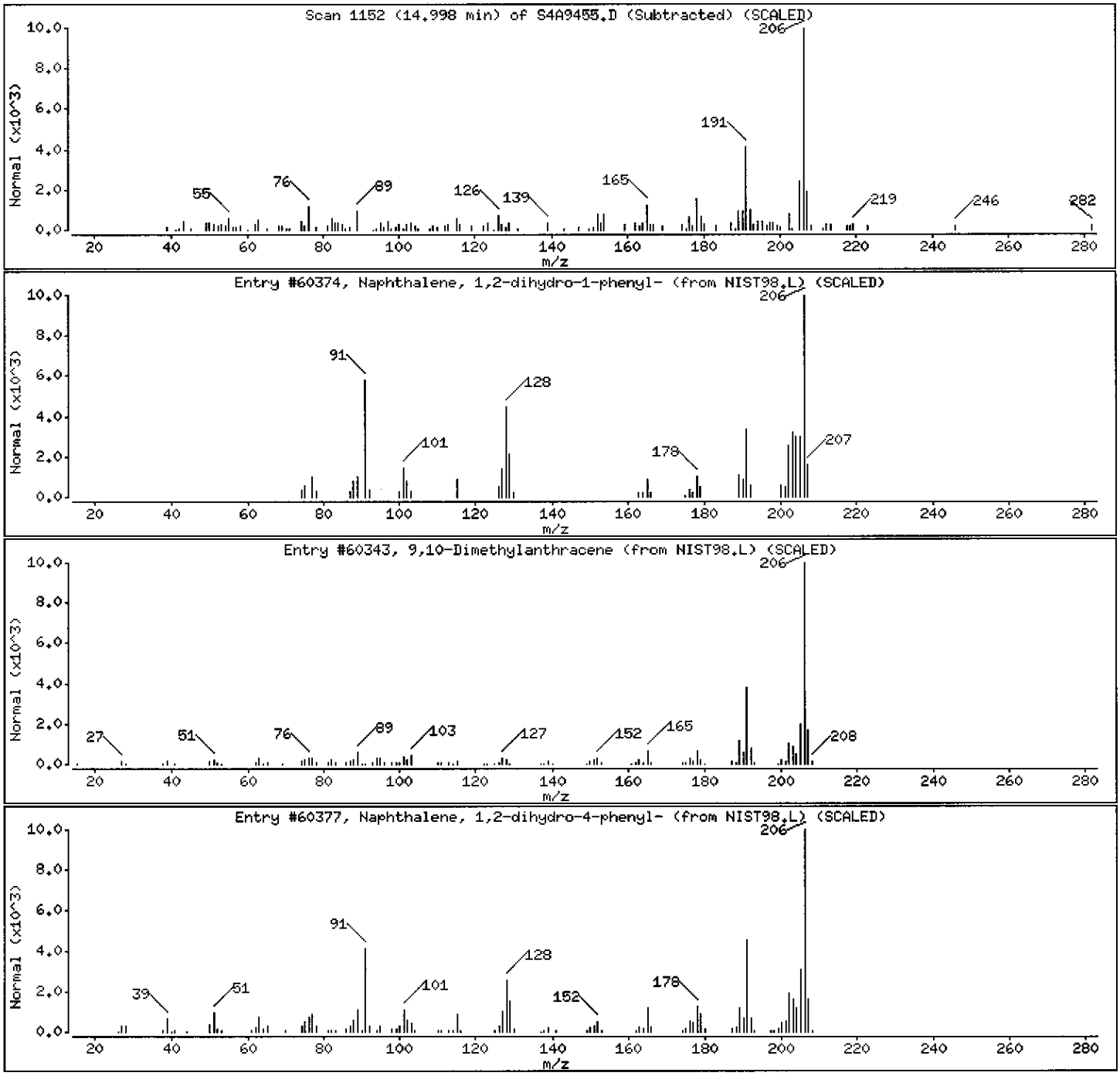
Client ID: SD07-S-MDL Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 1,2-dihydro-1-phenyl-	16606-46-5	NIST98.L	60374	94	C16H14	206
9,10-Dimethylanthracene	781-43-1	NIST98.L	60343	93	C16H14	206
Naphthalene, 1,2-dihydro-4-phenyl-	7469-40-1	NIST98.L	60377	91	C16H14	206



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9455.D

Date : 25-AUG-2005 12:04

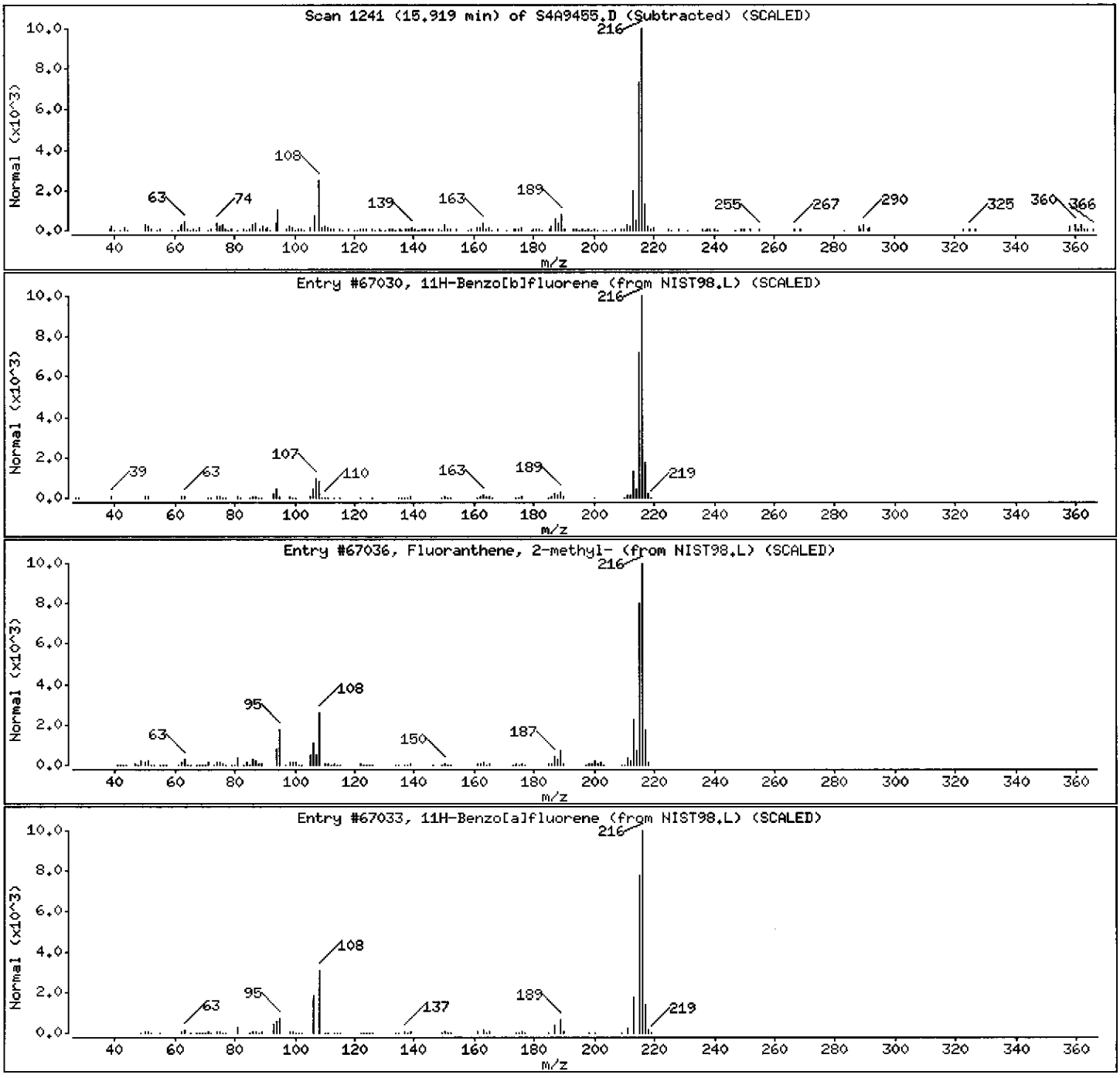
Client ID: SD07-S-MDL Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Benzo[b]fluorene	243-17-4	NIST98.L	67030	93	C17H12	216
Fluoranthene, 2-methyl-	33543-31-6	NIST98.L	67036	91	C17H12	216
11H-Benzo[a]fluorene	238-84-6	NIST98.L	67033	90	C17H12	216



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Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

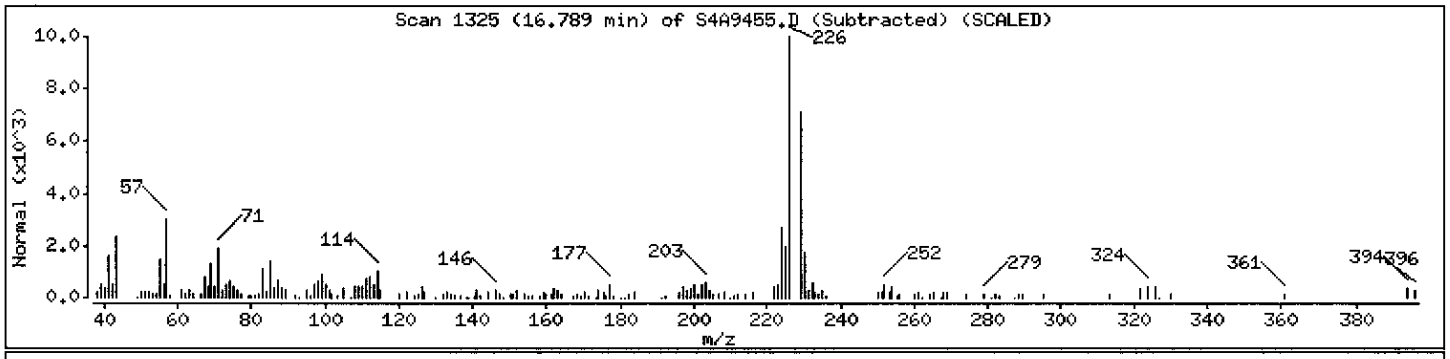
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 12:04

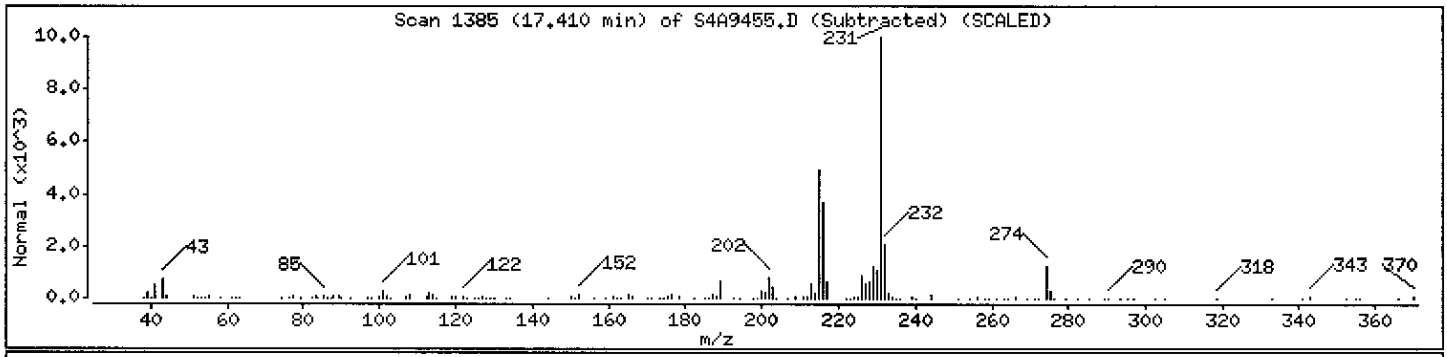
Client ID: SD07-S-MDL Instrument: S4.i

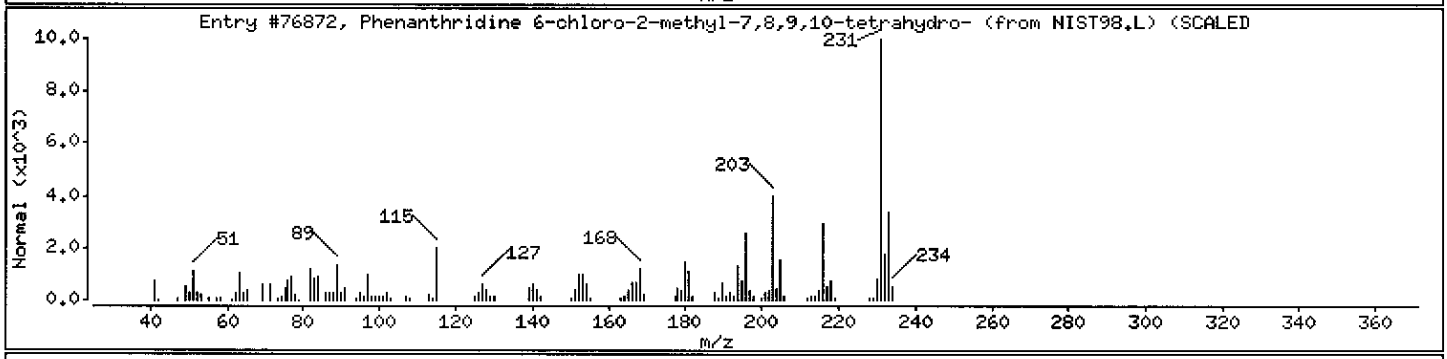
Sample Info: D0926-07ADL,,19468,,2

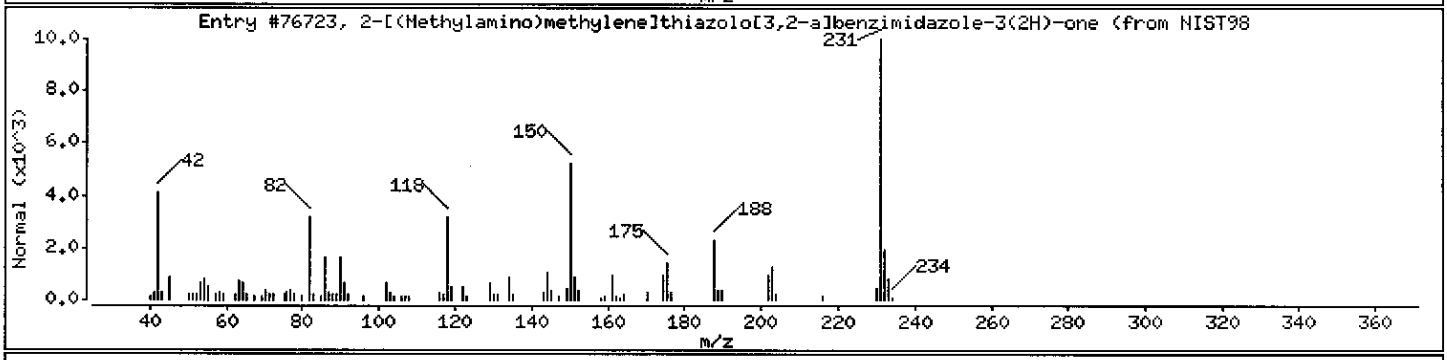
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

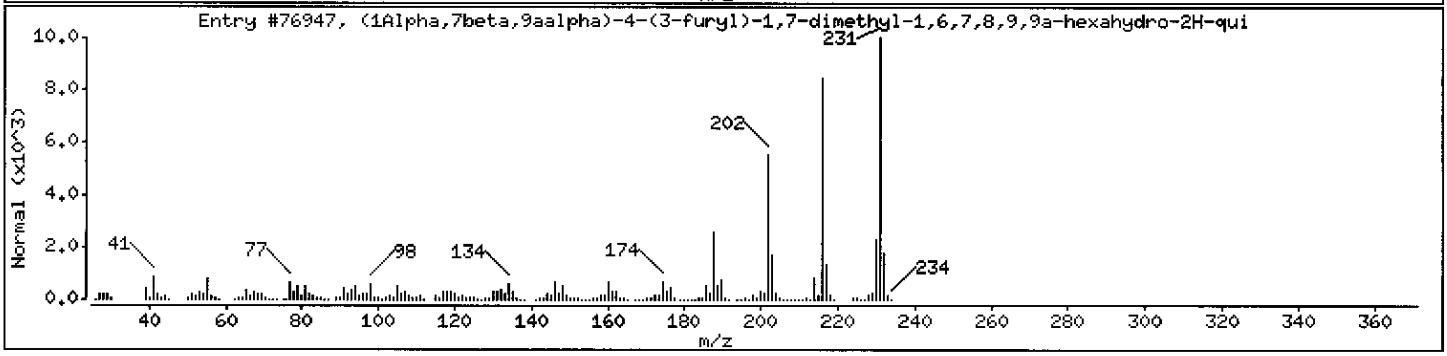
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Phenanthridine 6-chloro-2-methyl-7,8,9,1	35417-77-7	NIST98.L	76872	47	C14H14ClN	231
2-[(Methylamino)methylene]thiazolo[3,2-a	72740-41-1	NIST98.L	76723	43	C11H9N3OS	231
(1Alpha,7beta,9aalpha)-4-(3-furyl)-1,7-d	3606-26-6	NIST98.L	76947	43	C15H21NO	231









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Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

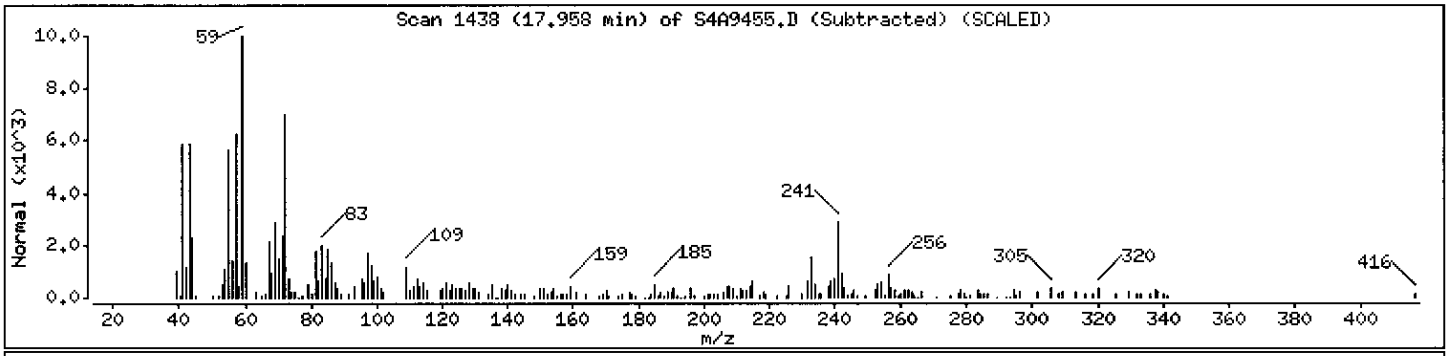
Volume Injected (uL): 2.0

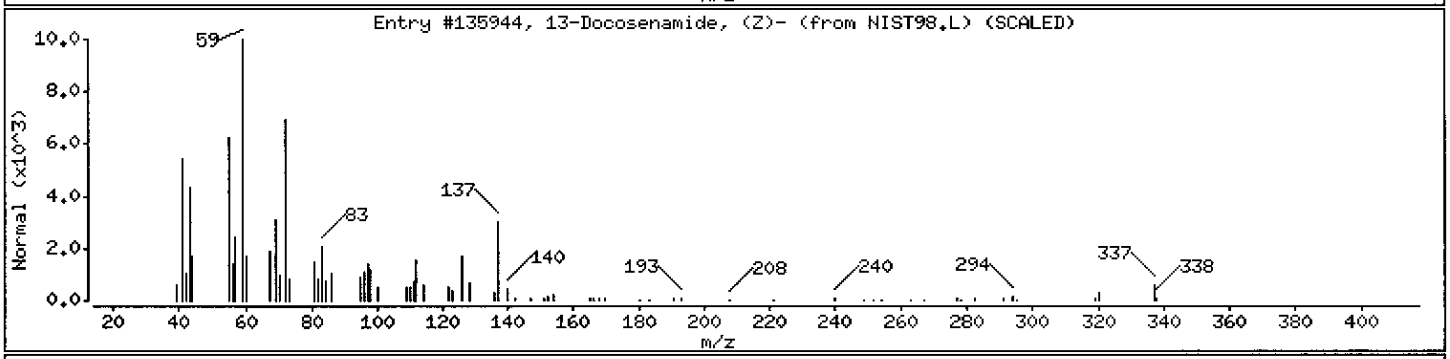
Operator: AW SRC: LIMS

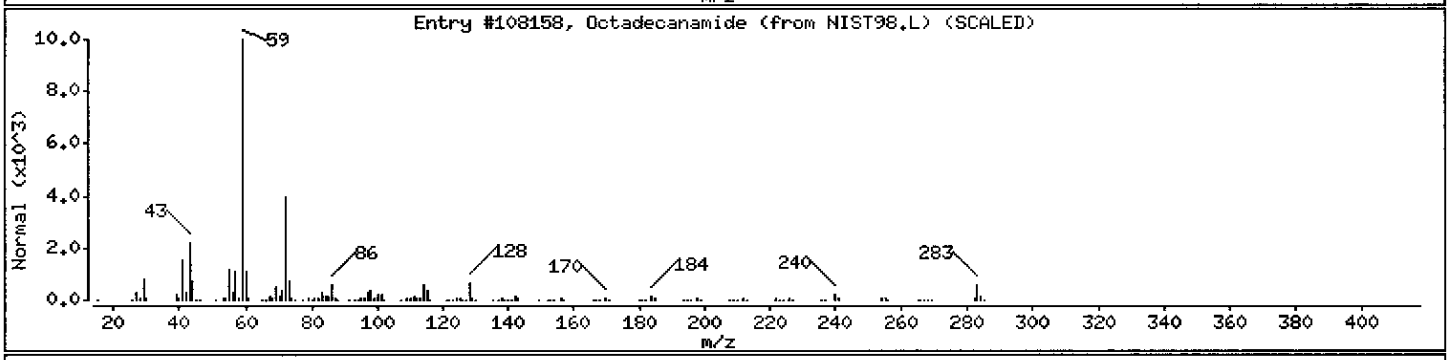
Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
13-Docosenamide, (Z)-	112-84-5	NIST98.L	135944	64	C22H43NO	337
Octadecanamide	124-26-5	NIST98.L	108158	58	C18H37NO	283







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Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

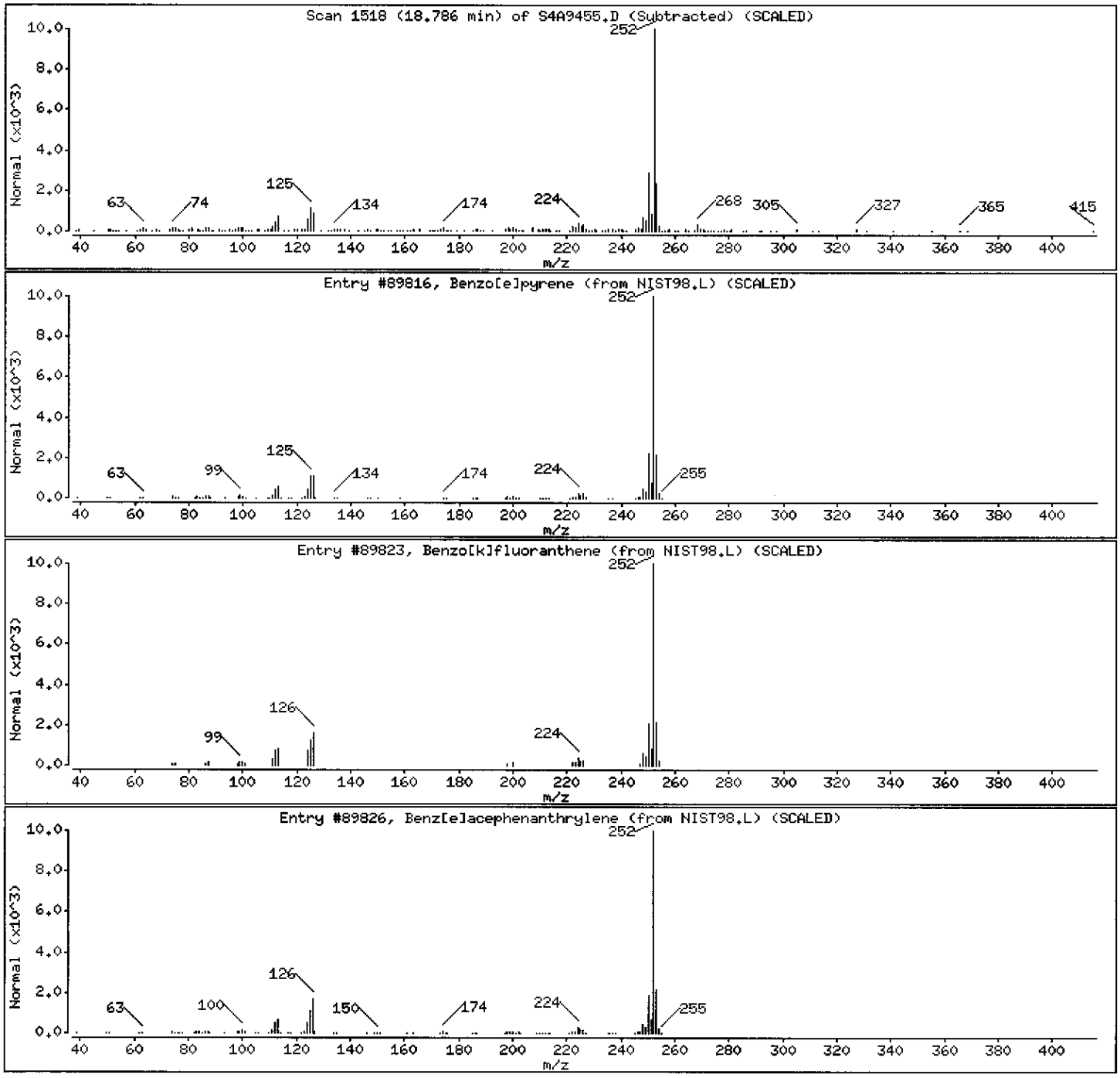
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo[e]pyrene	192-97-2	NIST98.L	89816	97	C20H12	252
Benzo[k]fluoranthene	207-08-9	NIST98.L	89823	95	C20H12	252
Benz[e]acephenanthrylene	205-99-2	NIST98.L	89826	91	C20H12	252



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9455.D

Date : 25-AUG-2005 12:04

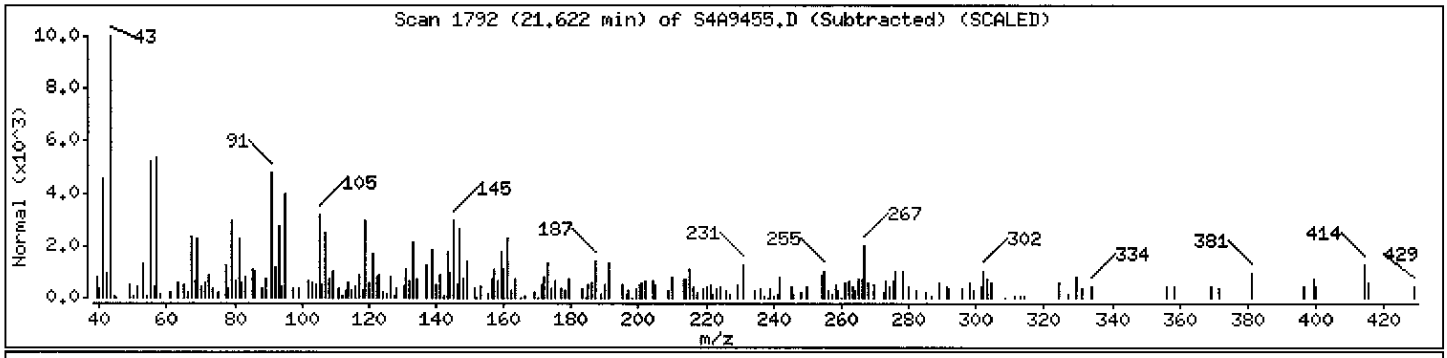
Client ID: SD07-S-MDL Instrument: S4.i

Sample Info: D0926-07ADL,,19468,,2

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 12:04

Client ID: SD07-S-MDL

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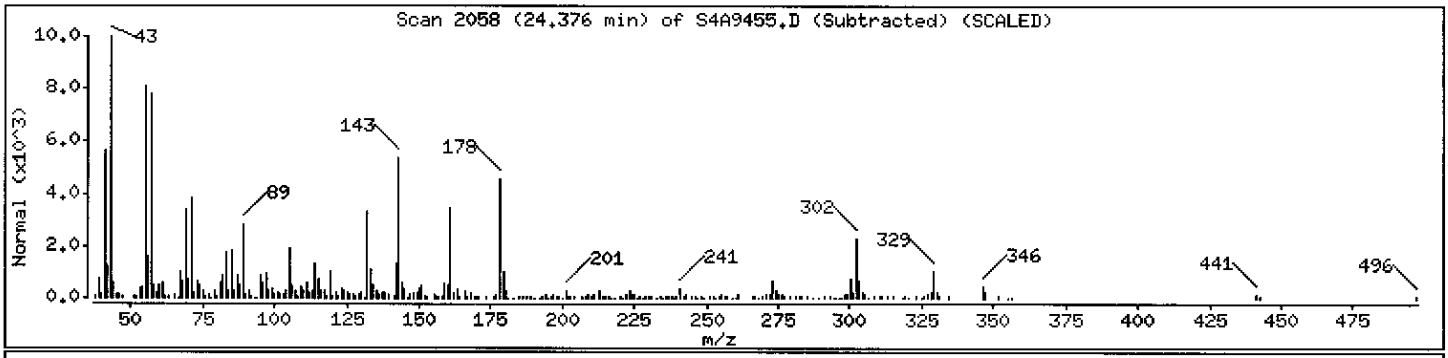
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MRE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9524

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	200	J
108-95-2	Phenol	620	U
111-44-4	bis(2-Chloroethyl)Ether	620	U
95-57-8	2-Chlorophenol	620	U
95-48-7	2-Methylphenol	620	U
108-60-1	2,2'-oxybis(1-Chloropropane)	620	U
98-86-2	Acetophenone	620	U
106-44-5	4-Methylphenol	620	U
621-64-7	N-Nitroso-di-n-propylamine	620	U
67-72-1	Hexachloroethane	620	U
98-95-3	Nitrobenzene	620	U
78-59-1	Isophorone	620	U
88-75-5	2-Nitrophenol	620	U
105-67-9	2,4-Dimethylphenol	620	U
111-91-1	bis(2-Chloroethoxy)methane	620	U
120-83-2	2,4-Dichlorophenol	620	U
91-20-3	Naphthalene	620	U
106-47-8	4-Chloroaniline	620	U
87-68-3	Hexachlorobutadiene	620	U
105-60-2	Caprolactam	620	U
59-50-7	4-Chloro-3-Methylphenol	620	U
91-57-6	2-Methylnaphthalene	620	U
77-47-4	Hexachlorocyclopentadiene	620	U
88-06-2	2,4,6-Trichlorophenol	620	U
95-95-4	2,4,5-Trichlorophenol	1600	U
92-52-4	1,1'-Biphenyl	620	U
91-58-7	2-Chloronaphthalene	620	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	620	U
606-20-2	2,6-Dinitrotoluene	620	U
208-96-8	Acenaphthylene	120	J
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	130	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MRE

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9524

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	93	J
121-14-2	2,4-Dinitrotoluene	620	U
84-66-2	Diethylphthalate	620	U
86-73-7	Fluorene	150	J
7005-72-3	4-Chlorophenyl-phenylether	620	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	620	U
101-55-3	4-Bromophenyl-phenylether	620	U
118-74-1	Hexachlorobenzene	620	U
1912-24-9	Atrazine	620	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	1700	
120-12-7	Anthracene	430	J
86-74-8	Carbazole	180	J
84-74-2	Di-n-butylphthalate	110	J
206-44-0	Fluoranthene	2100	
129-00-0	Pyrene	2000	
85-68-7	Butylbenzylphthalate	620	U
91-94-1	3,3'-Dichlorobenzidine	620	U
56-55-3	Benzo(a)anthracene	1000	
218-01-9	Chrysene	1000	
117-81-7	bis(2-Ethylhexyl)phthalate	120	JB
117-84-0	Di-n-octylphthalate	620	U
205-99-2	Benzo(b)fluoranthene	1200	
207-08-9	Benzo(k)fluoranthene	460	J
50-32-8	Benzo(a)pyrene	940	
193-39-5	Indeno(1,2,3-cd)pyrene	470	J
53-70-3	Dibenzo(a,h)anthracene	170	J
191-24-2	Benzo(g,h,i)perylene	540	J

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD07-S-MRE

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9524

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

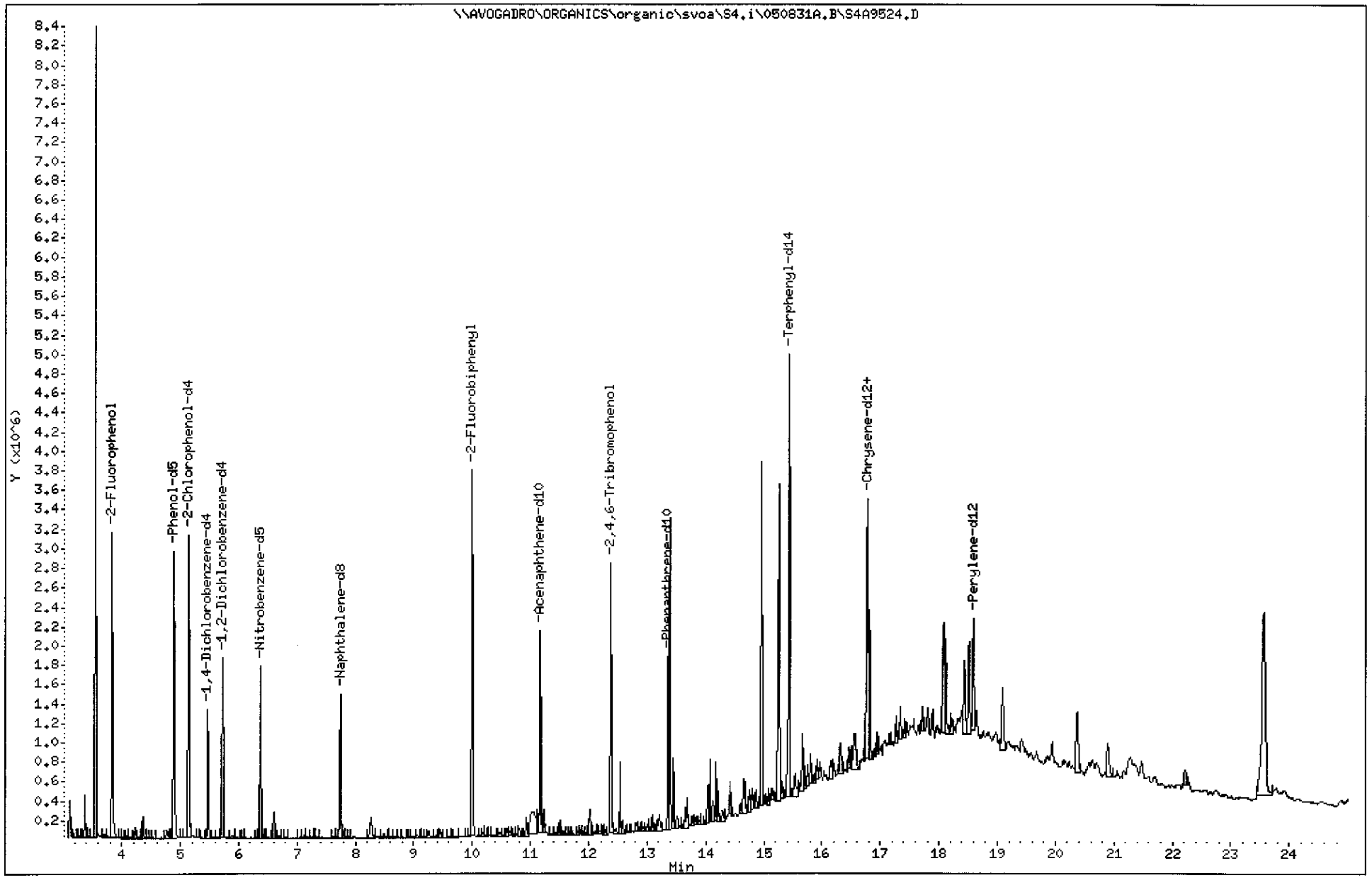
GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

Number TICs found: 22

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	78-40-0	TRIETHYL PHOSPHATE	6.61	230	NJB
2.	103-82-2	BENZENEACETIC ACID	8.27	260	NJ
3.	3076-04-8	2-PROPENOIC ACID, TRIDECYL E	12.53	390	NJ
4.		UNKNOWN	12.58	130	J
5.	132-65-0	DIBENZOTHIOPHENE	13.22	200	NJ
6.	2531-84-2	PHENANTHRENE, 2-METHYL-	14.04	230	NJ
7.	2531-84-2	PHENANTHRENE, 2-METHYL-	14.07	380	NJ
8.	203-64-5	4H-CYCLOPENTA[DEF]PHENANTHRE	14.18	450	NJ
9.	832-69-9	PHENANTHRENE, 1-METHYL-	14.21	190	NJ
10.		UNKNOWN	14.29	140	J
11.	35465-71-5	2-PHENYLNAPHTHALENE	14.42	170	NJ
12.	84-65-1	9,10-ANTHRACENEDIONE	14.45	150	NJ
13.		UNKNOWN	14.67	320	J
14.	483-87-4	PHENANTHRENE, 1,7-DIMETHYL-	14.75	180	NJ
15.		UNKNOWN	14.86	150	J
16.	2381-21-7	PYRENE, 1-METHYL-	15.54	190	NJ
17.	243-17-4	11H-BENZO[B]FLUORENE	15.67	250	NJ
18.	479-79-8	11H-BENZO[A]FLUOREN-11-ONE	16.31	190	NJ
19.		UNKNOWN	17.72	200	J
20.	198-55-0	PERYLENE	18.44	930	NJ
21.	1058-61-3	STIGMAST-4-EN-3-ONE	22.22	240	NJ
22.		UNKNOWN	23.57	5400	JB
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D
Date : 31-AUG-2005 12:53
Client ID: SD07-S-MRE
Instrument: S4.i
Sample Info: D0926-07ARE,,19676,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



0994

Data File: S4A9524.D
Report Date: 31-Aug-2005 17:15

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D
Lab Smp Id: D0926-07ARE Client Smp ID: SD07-S-MRE
Inj Date : 31-AUG-2005 12:53
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-07ARE,,19676,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\s4_olm4_2_S.m
Meth Date : 31-Aug-2005 11:39 mtl Quant Type: ISTD
Cal Date : 31-AUG-2005 11:13 Cal File: S4A9521.D ✓
Als bottle: 87
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	47.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	3.841	3.841	(0.701)	864415	98.5584	3100
2	Benzaldehyde	77	4.865	4.865	(0.888)	8443	6.27201	200(a)
$ 3	Phenol-d5	99	4.886	4.886	(0.892)	1229779	108.950	3400
$ 6	2-Chlorophenol-d4	132	5.145	5.145	(0.940)	1041713	105.678	3300
* 8	1,4-Dichlorobenzene-d4	152	5.476	5.476	(1.000)	264797	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	5.724	5.724	(1.045)	414751	63.9508	2000
$ 16	Nitrobenzene-d5	82	6.377	6.377	(0.824)	796815	70.4548	2200
* 23	Naphthalene-d8	136	7.743	7.743	(1.000)	1052152	40.0000	
$ 33	2-Fluorobiphenyl	172	9.999	9.999	(0.895)	1577989	79.1715	2500
39	Acenaphthylene	152	10.931	10.931	(0.979)	98587	3.76570	120(a)
* 41	Acenaphthene-d10	164	11.169	11.169	(1.000)	529469	40.0000	
42	Acenaphthene	153	11.220	11.220	(1.005)	71852	4.15766	130(a)
45	Dibenzofuran	168	11.500	11.500	(1.030)	71797	2.97142	93(a)

Data File: S4A9524.D
Report Date: 31-Aug-2005 17:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)	
	48 Fluorene	166	12.028	12.028	(1.077)	95111	4.71122	150	(a)
$	53 2,4,6-Tribromophenol	330	12.380	12.380	(0.926)	355043	131.449	4100	
*	58 Phenanthrene-d10	188	13.363	13.363	(1.000)	871329	40.0000		
	59 Phenanthrene	178	13.394	13.394	(1.002)	1434870	53.9417	1700	
	60 Anthracene	178	13.456	13.466	(1.007)	342752	13.7467	430	(a)
	61 Carbazole	167	13.673	13.673	(1.023)	131558	5.72359	180	(a)
	62 Di-n-butylphthalate	149	14.119	14.118	(1.057)	99447	3.34321	110	(a)
	63 Fluoranthene	202	14.967	14.957	(1.120)	1828135	68.0381	2100	
	64 Pyrene	202	15.257	15.257	(0.909)	1506216	63.5894	2000	
$	65 Terphenyl-d14	244	15.433	15.433	(0.920)	1514728	86.6811	2700	
	68 Benzo(a)anthracene	228	16.768	16.768	(0.999)	699482	32.7056	1000	
*	69 Chrysene-d12	240	16.779	16.779	(1.000)	645518	40.0000		
	70 Chrysene	228	16.810	16.810	(1.002)	645895	32.7086	1000	
	71 bis(2-Ethylhexyl)phthalate	149	16.727	16.727	(0.997)	57610	3.77012	120	(a)
	73 Benzo(b)fluoranthene	252	18.083	18.072	(0.972)	822100	37.1438	1200	(M)
	74 Benzo(k)fluoranthene	252	18.103	18.114	(0.973)	300769	14.7101	460	(aQM)
	75 Benzo(a)pyrene	252	18.528	18.517	(0.996)	509402	29.7990	940	
*	76 Perylene-d12	264	18.600	18.600	(1.000)	527179	40.0000		
	77 Indeno(1,2,3-cd)pyrene	276	20.360	20.360	(1.095)	321696	15.0189	470	(a)
	78 Dibenzo(a,h)anthracene	278	20.370	20.370	(1.095)	97651	5.45150	170	(a)
	79 Benzo(g,h,i)perylene	276	20.898	20.888	(1.124)	289986	17.1865	540	(a)

JMZ
08/31/05
AW

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

08/31/05
AW

Data File: S4A9524.D
Report Date: 31-Aug-2005 17:15

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D
Lab Smp Id: D0926-07ARE Client Smp ID: SD07-S-MRE
Inj Date : 31-AUG-2005 12:53
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-07ARE,,19676,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\s4_olm4_2_S.m
Meth Date : 31-Aug-2005 11:39 mtl Quant Type: ISTD
Cal Date : 31-AUG-2005 11:13 Cal File: S4A9521.D
Als bottle: 87
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	47.000	% Moisture

ISTD	RT	AREA	AMOUNT
* 23 Naphthalene-d8	7.743	2309714	40.000
* 41 Acenaphthene-d10	11.169	2778115	40.000
* 58 Phenanthrene-d10	13.363	2552486	40.000
* 69 Chrysene-d12	16.779	4914082	40.000
* 76 Perylene-d12	18.600	1960887	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9524.D
Report Date: 31-Aug-2005 17:15

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Triethyl phosphate				CAS #: 78-40-0			
6.615	414009	7.16987471	230	98	NIST98.L	44293	23
Benzeneacetic acid				CAS #: 103-82-2			
8.271	477905	8.27643596	260	90	NIST98.L	15708	23
Branched Alkane				CAS #:			
11.024	1603777	23.0915855	730	0		0	41
2-Propenoic acid, tridecyl ester				CAS #: 3076-04-8			
12.535	801538	12.5608995	390	91	NIST98.L	90894	58
Unknown				CAS #:			
12.576	263061	4.12242810	130	0		0	58
Dibenzothiophene				CAS #: 132-65-0			
13.218	398682	6.24774436	200	91	NIST98.L	45491	58
Phenanthrene, 2-methyl-				CAS #: 2531-84-2			
14.036	463412	7.26212798	230	94	NIST98.L	50620	58
Phenanthrene, 2-methyl-				CAS #: 2531-84-2			
14.067	776344	12.1660844	380	93	NIST98.L	50627	58
4H-Cyclopenta[def]phenanthrene				CAS #: 203-64-5			
14.181	915027	14.3393852	450	94	NIST98.L	49337	58
Phenanthrene, 1-methyl-				CAS #: 832-69-9			
14.212	385326	6.03844252	190	98	NIST98.L	50623	58
Unknown				CAS #:			
14.295	285564	4.47507254	140	0		0	58
2-Phenylnaphthalene				CAS #: 35465-71-5			
14.419	353743	5.54350543	170	96	NIST98.L	58952	58
9,10-Anthracenedione				CAS #: 84-65-1			
14.450	309956	4.85731949	150	98	NIST98.L	61654	58
Unknown				CAS #:			
14.667	657485	10.3034453	320	0		0	58
Phenanthrene, 1,7-dimethyl-				CAS #: 483-87-4			
14.750	356511	5.58688275	180	93	NIST98.L	60356	58

Data File: S4A9524.D
Report Date: 31-Aug-2005 17:15

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Straight-Chain Alkane					CAS #:		
14.791	287796	4.51005020	140	0		0	58
Unknown					CAS #:		
14.864	301559	4.72573013	150	0		0	58
Pyrene, 1-methyl-					CAS #: 2381-21-7		
15.537	738369	6.01022938	190	95	NIST98.L	67023	69
11H-Benzo[b]fluorene					CAS #: 243-17-4		
15.671	986255	8.02798976	250	98	NIST98.L	67034	69
11H-Benzo[a]fluoren-11-one					CAS #: 479-79-8		
16.313	761038	6.19475214	190	97	NIST98.L	76451	69
Straight-Chain Alkane					CAS #:		
16.561	1271745	10.3518419	330	0		0	69
Unknown					CAS #:		
17.720	306471	6.25168100	200	0		0	76
Branched Alkane					CAS #:		
18.124	2059465	42.0108859	1300	0		0	76
Perylene					CAS #: 198-55-0		
18.445	1447239	29.5221295	930	99	NIST98.L	89813	76
Straight-Chain Alkane					CAS #:		
19.097	1346138	27.4597771	860	0		0	76
Stigmast-4-en-3-one					CAS #: 1058-61-3		
22.223	379229	7.73586647	240	91	NIST98.L	158845	76
Unknown					CAS #:		
23.568	8426661	171.894882	5400	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

Volume Injected (uL): 2.0

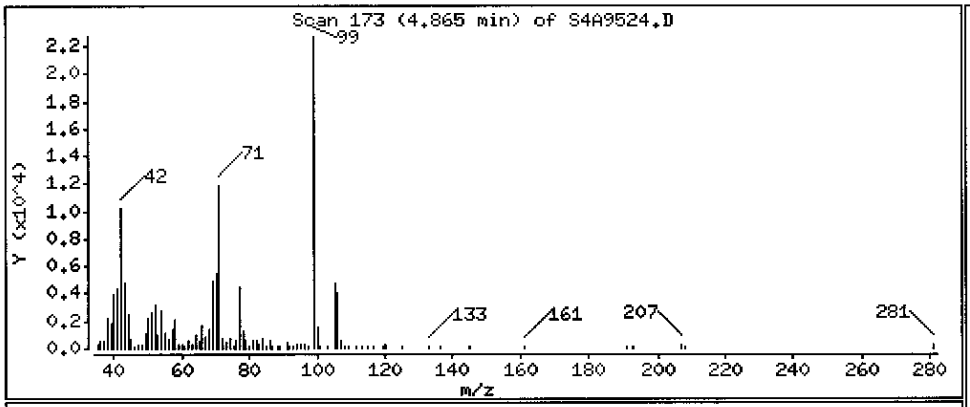
Operator: AW SRC: LIMS

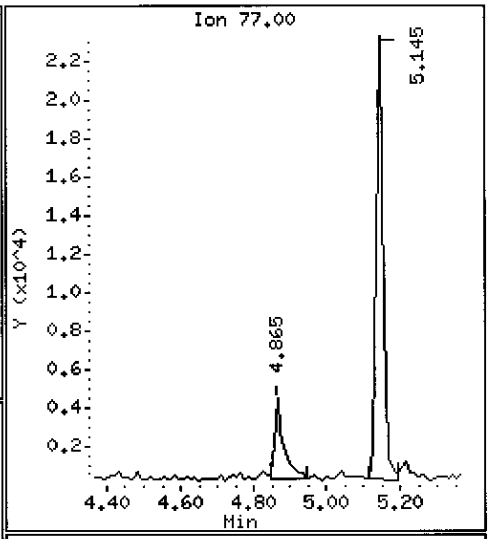
Column phase: DB-5MS

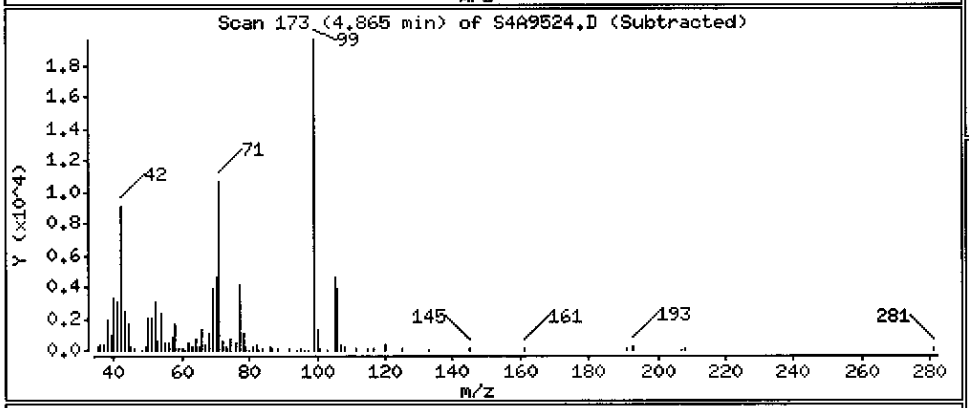
Column diameter: 0.25

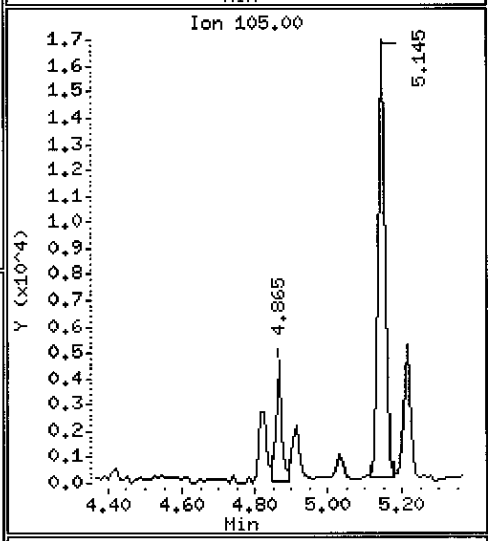
2 Benzaldehyde

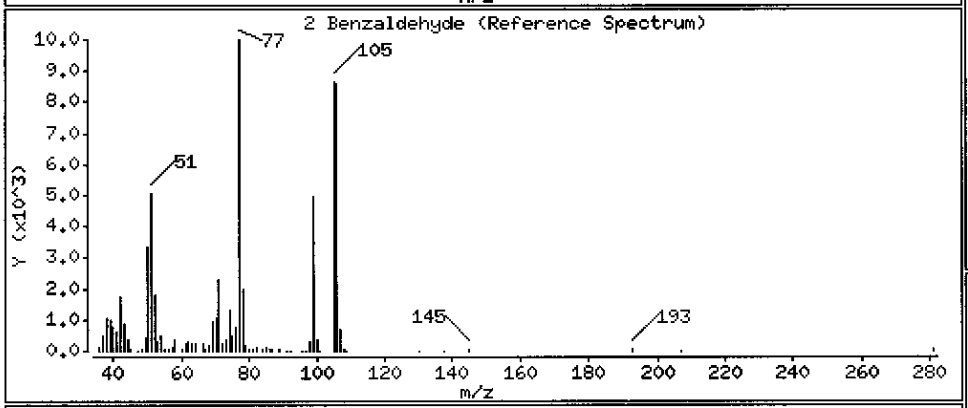
Concentration: 200 ug/Kg

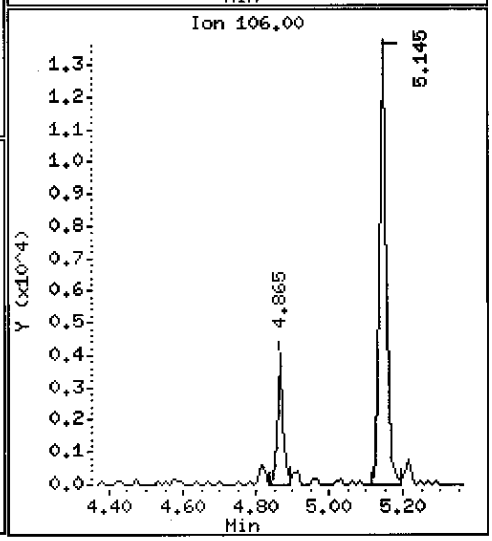


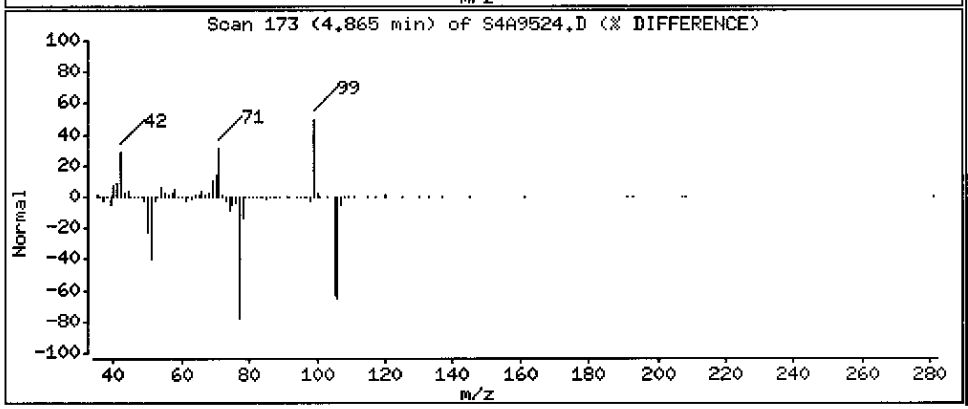












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

Volume Injected (uL): 2.0

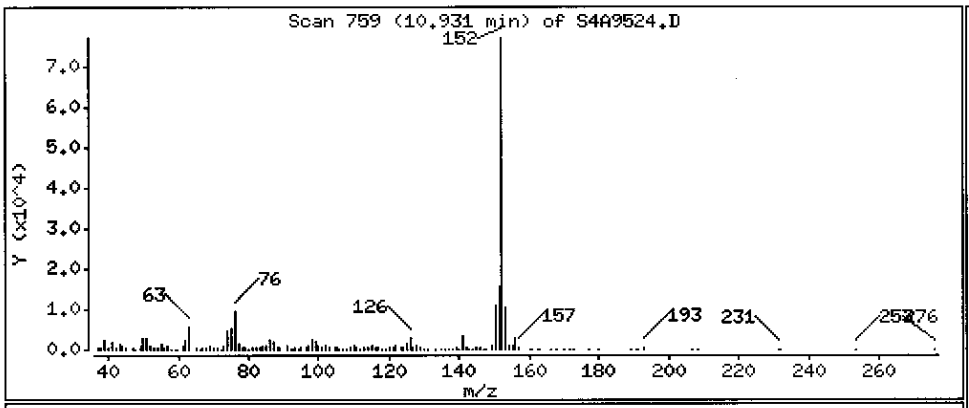
Operator: AW SRC: LIMS

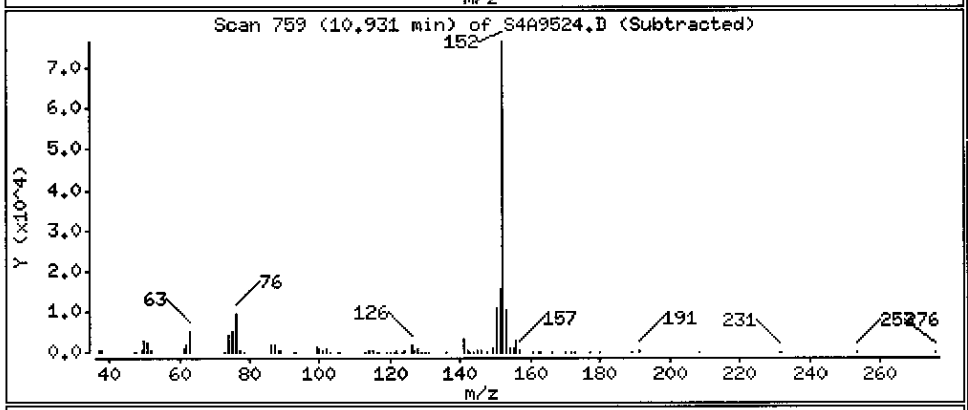
Column phase: DB-5MS

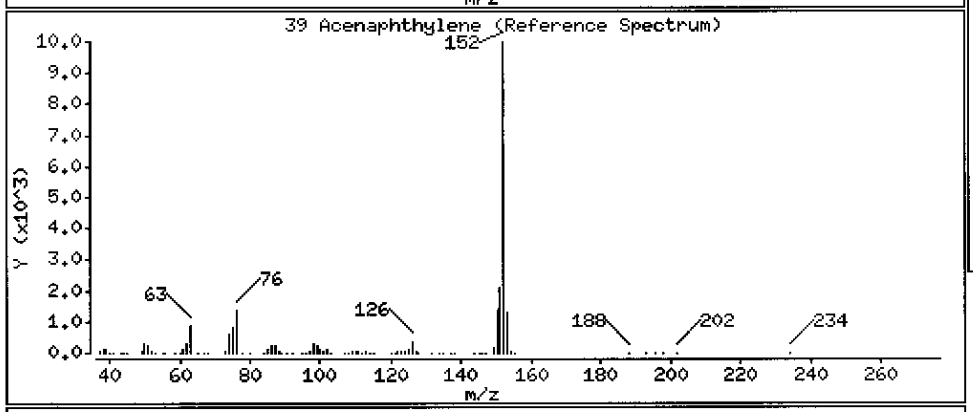
Column diameter: 0.25

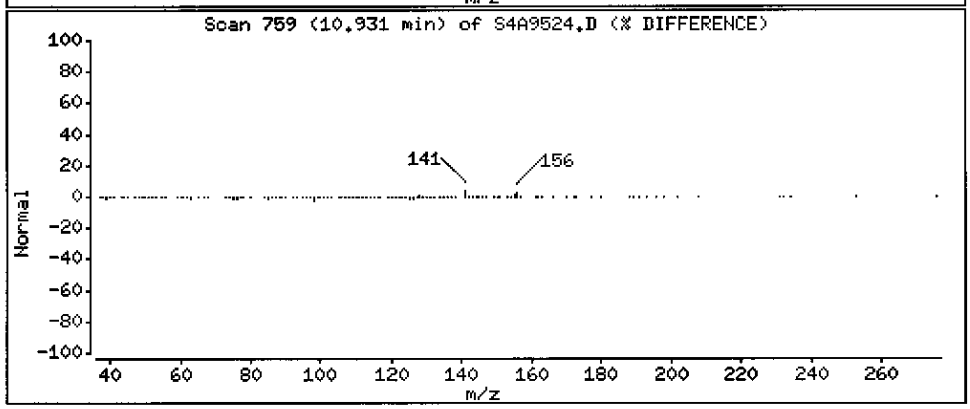
39 Acenaphthylene

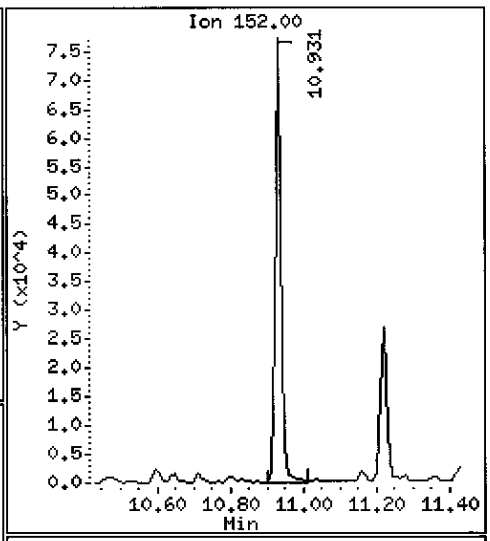
Concentration: 120 ug/Kg

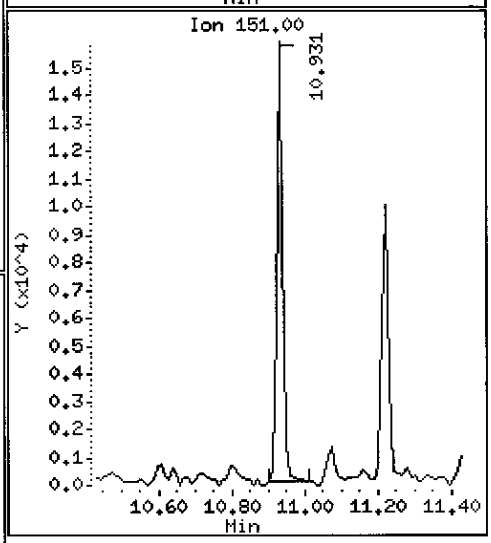












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

Volume Injected (uL): 2.0

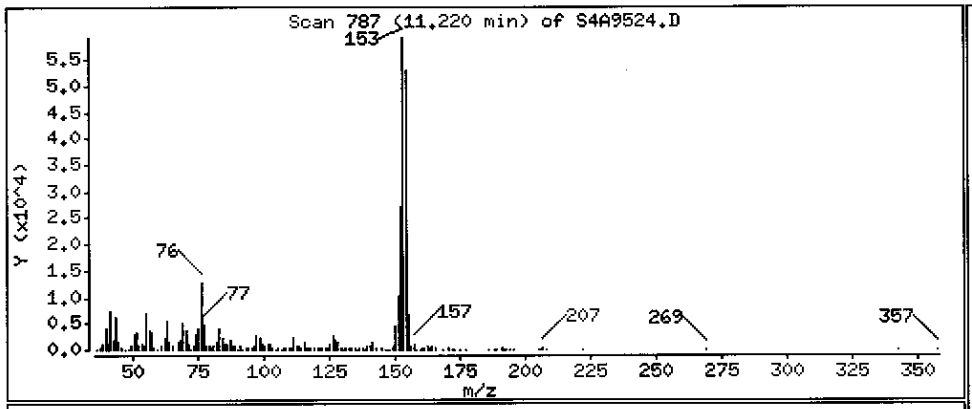
Operator: AW SRC: LIMS

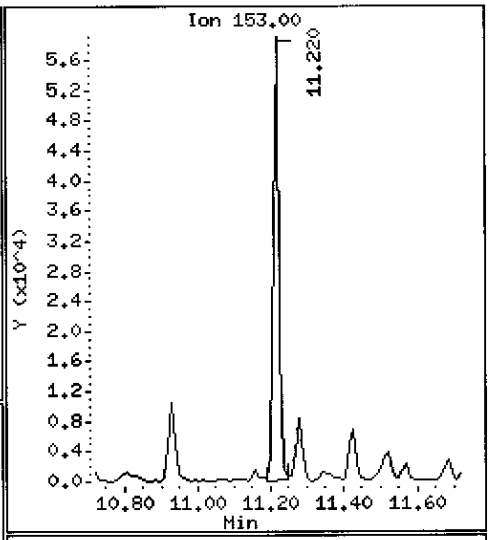
Column phase: DB-5MS

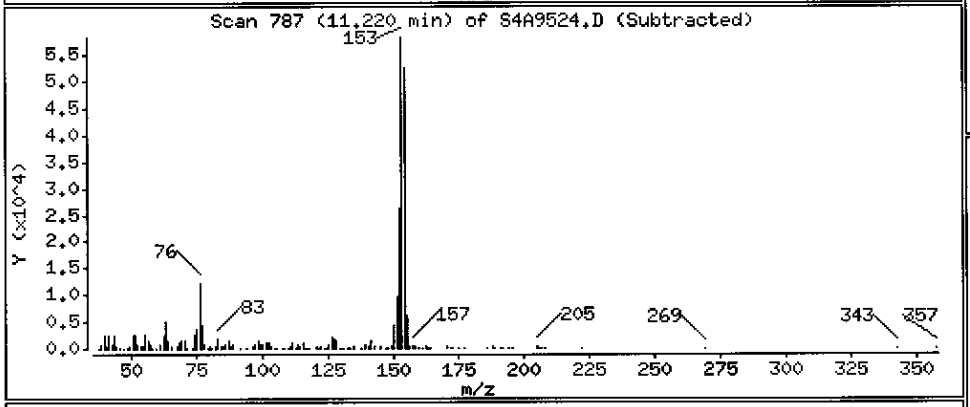
Column diameter: 0.25

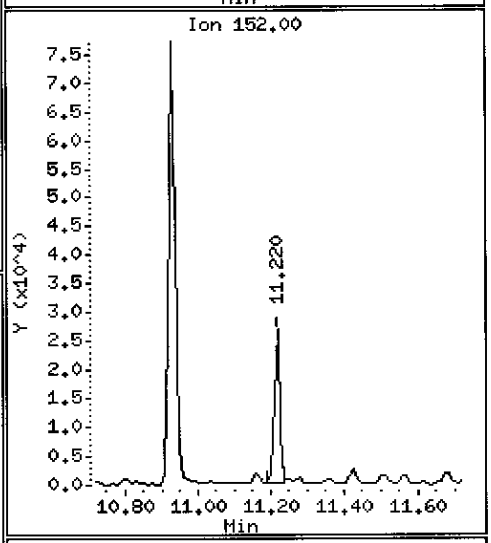
42 Acenaphthene

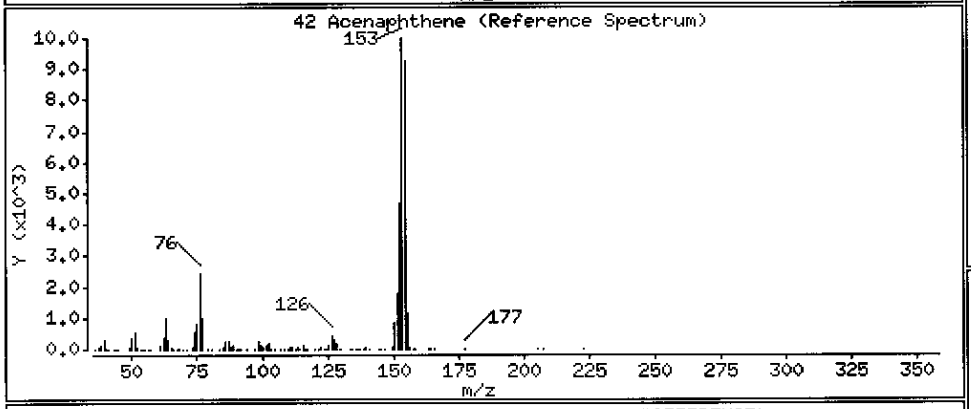
Concentration: 130 ug/Kg

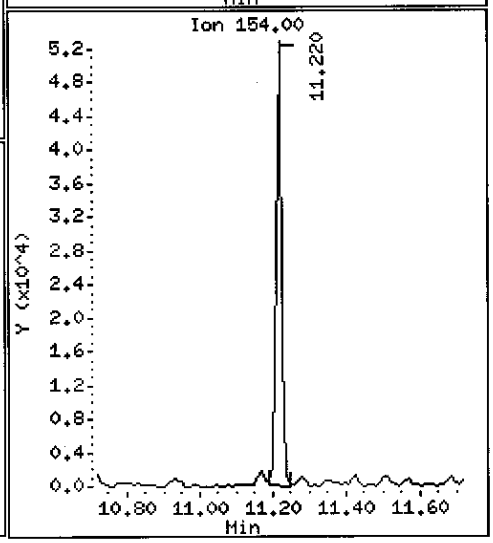


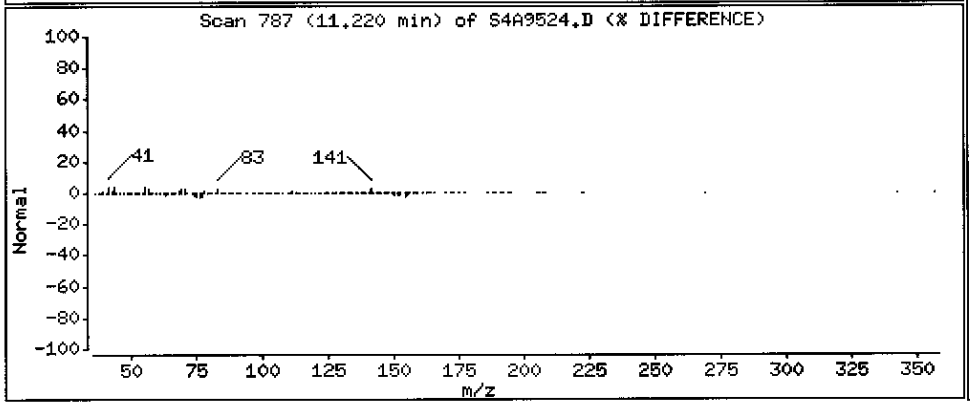












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

Volume Injected (uL): 2.0

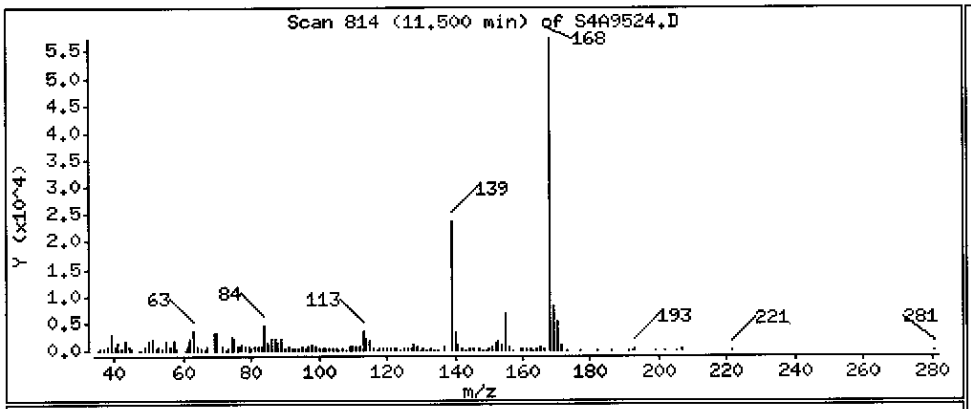
Operator: AW SRC: LIMS

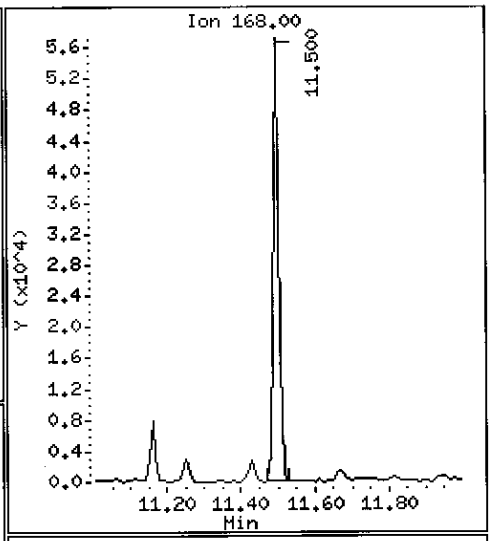
Column phase: DB-5MS

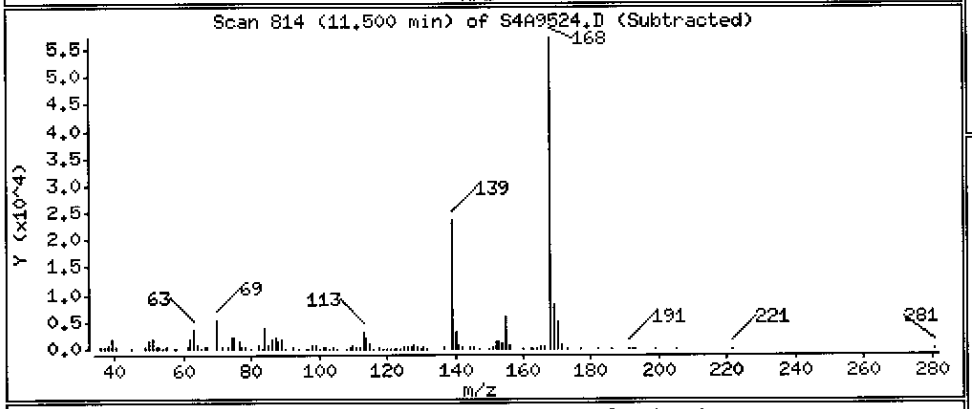
Column diameter: 0.25

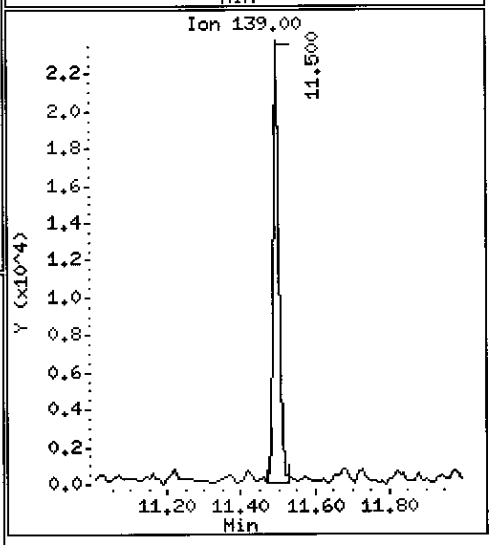
45 Dibenzofuran

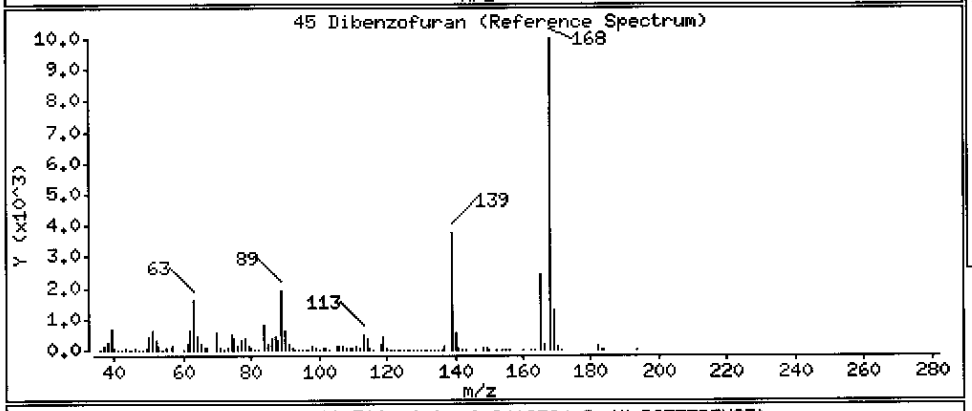
Concentration: 93 ug/Kg

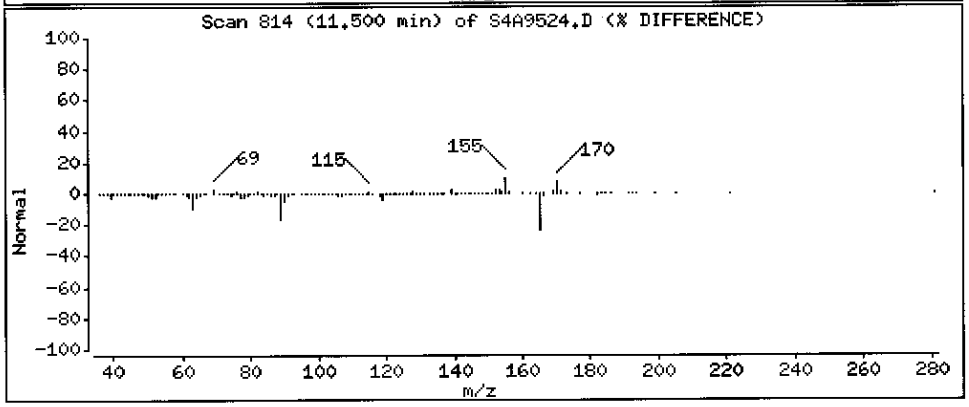












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

Volume Injected (uL): 2.0

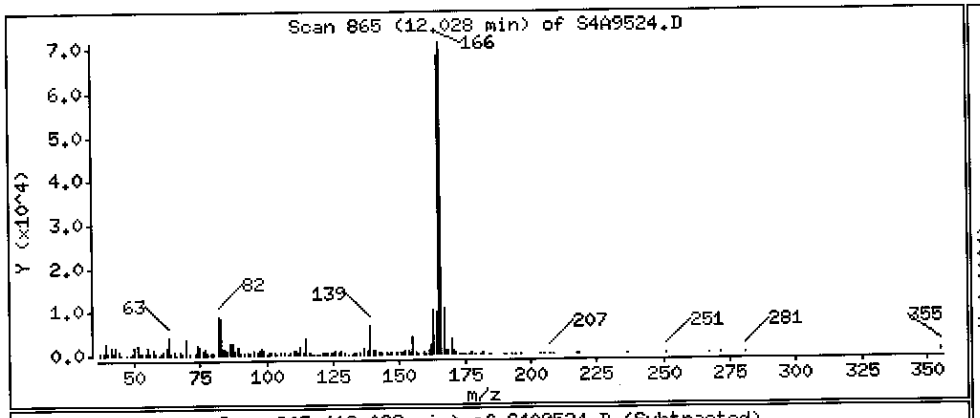
Operator: AW SRC: LIMS

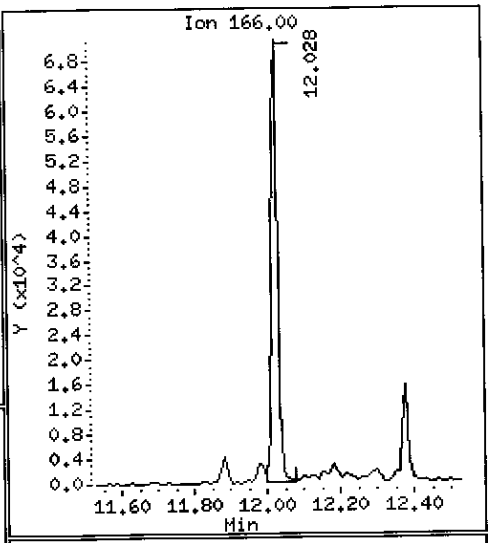
Column phase: DB-5MS

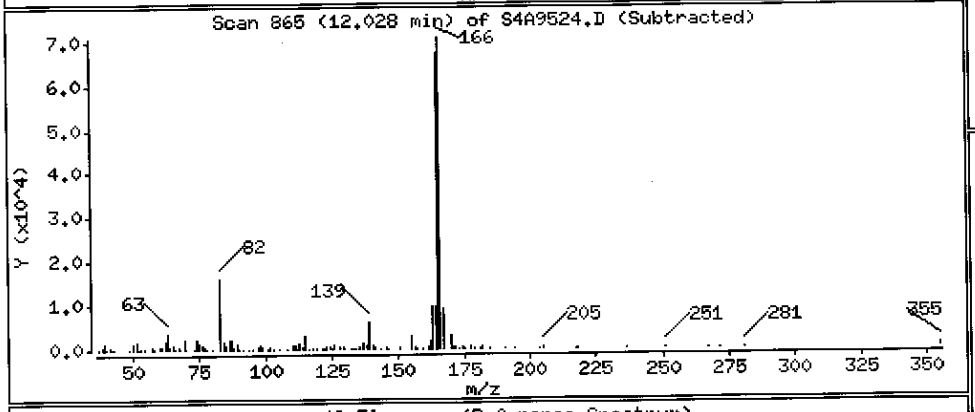
Column diameter: 0.25

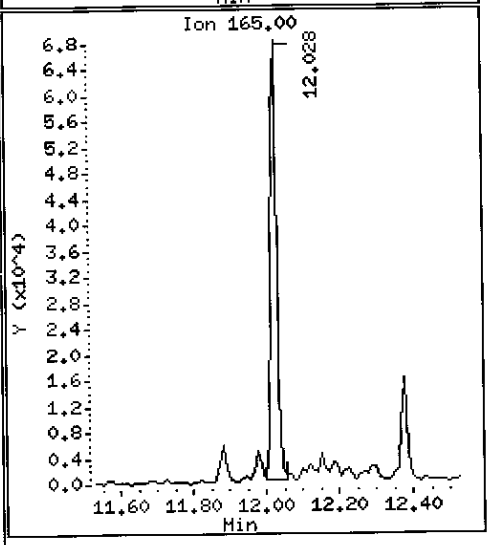
48 Fluorene

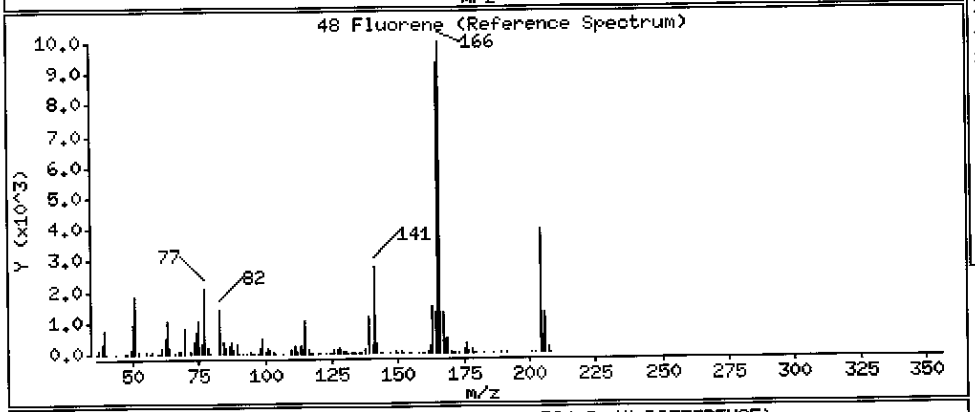
Concentration: 150 ug/Kg

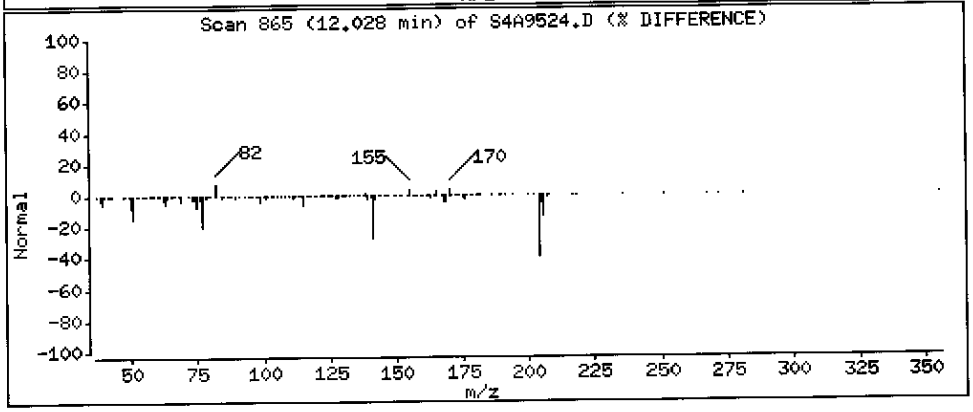












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

Volume Injected (uL): 2.0

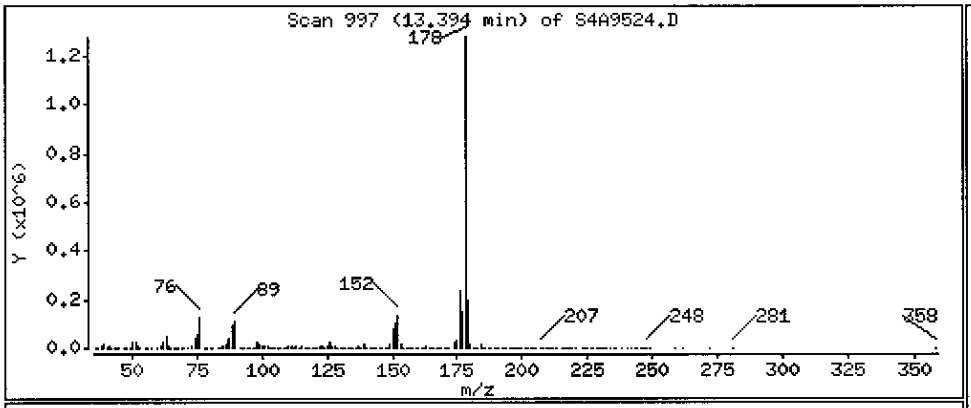
Operator: AW SRC: LIMS

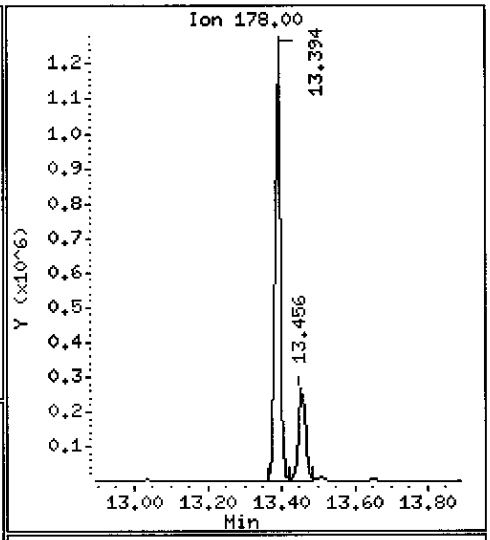
Column phase: DB-5MS

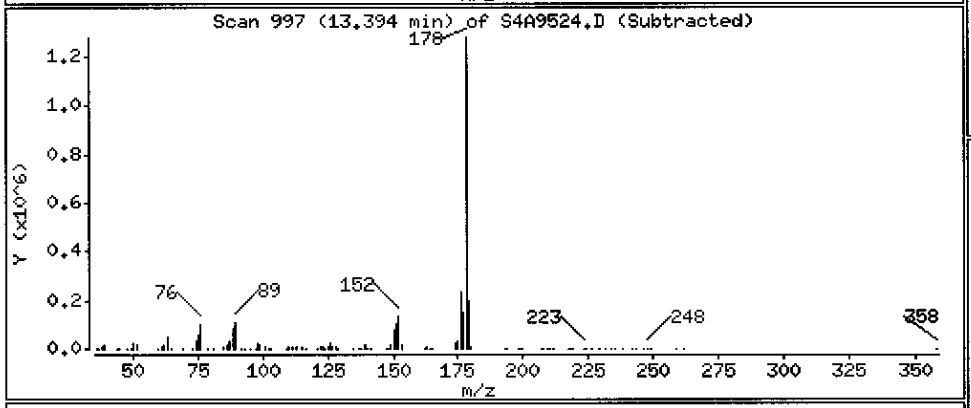
Column diameter: 0.25

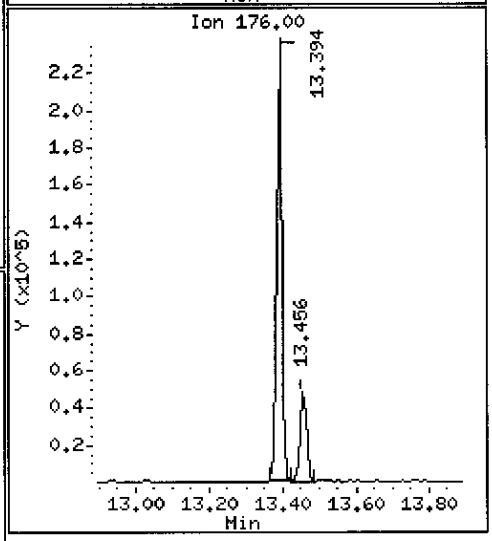
59 Phenanthrene

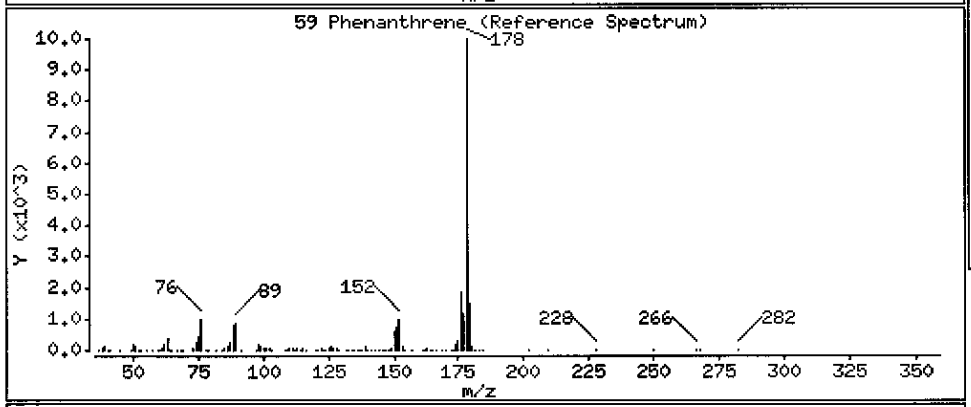
Concentration: 1700 ug/Kg

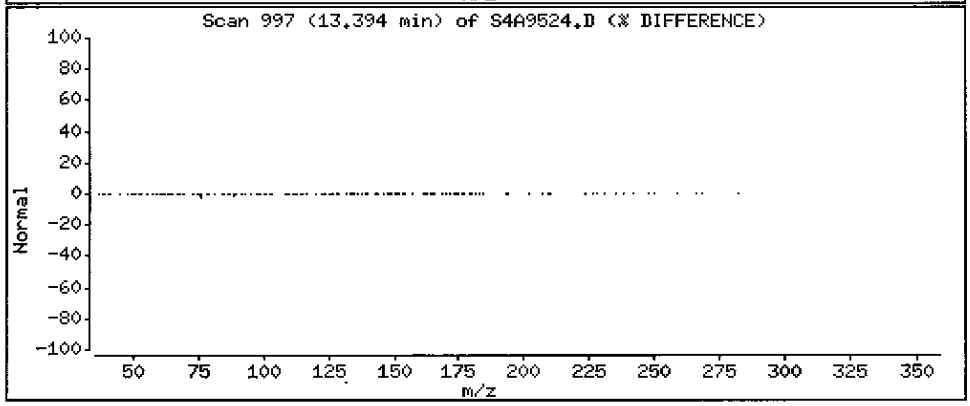












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

Volume Injected (uL): 2.0

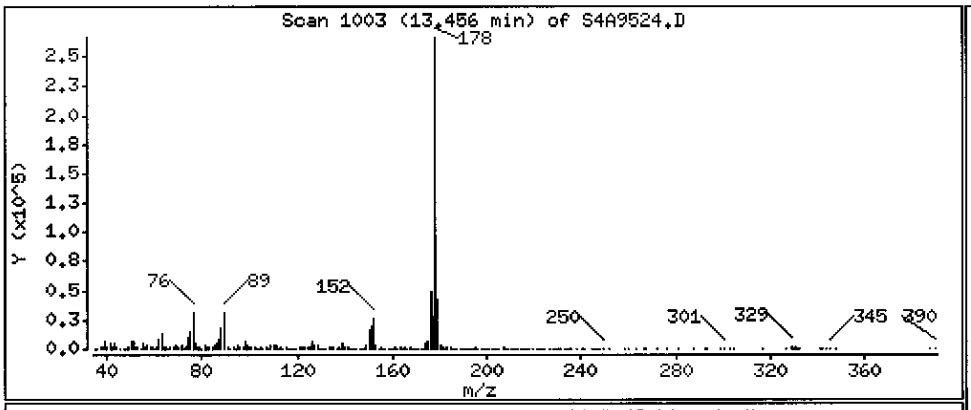
Operator: AW SRC: LIMS

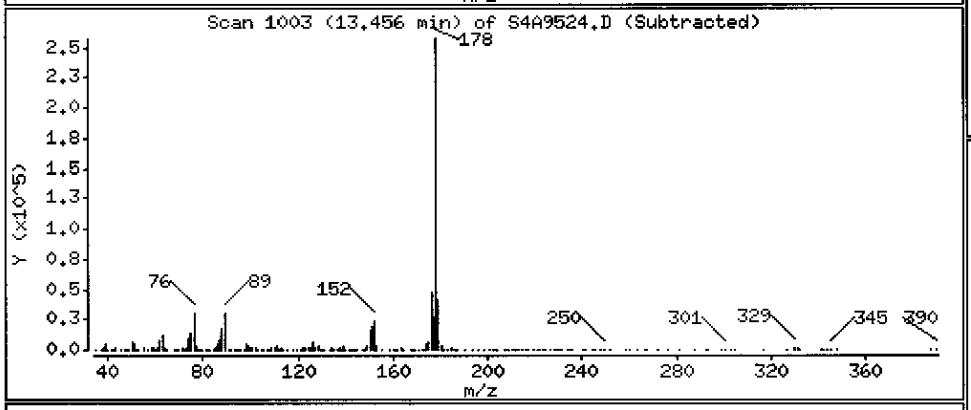
Column phase: DB-5MS

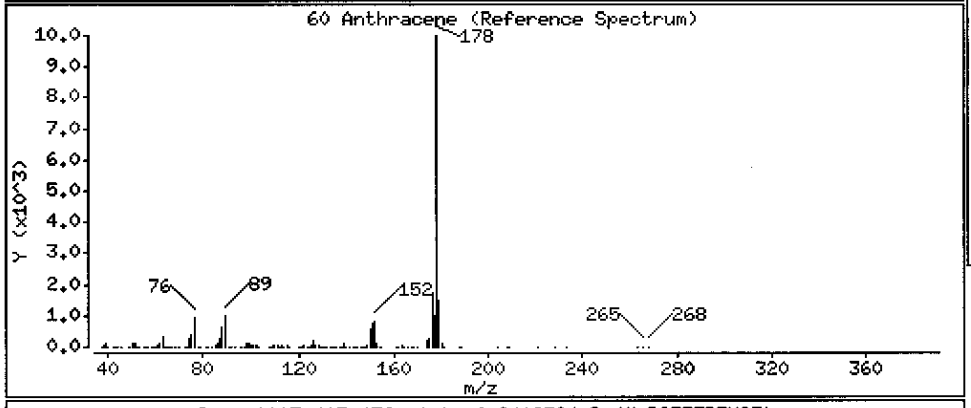
Column diameter: 0.25

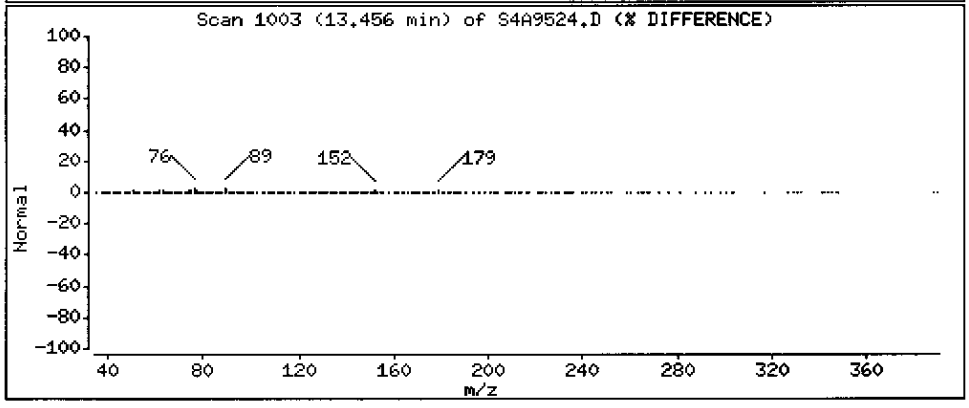
60 Anthracene

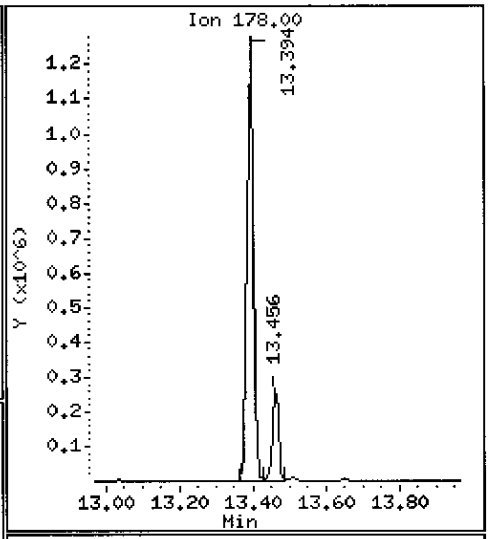
Concentration: 430 ug/Kg

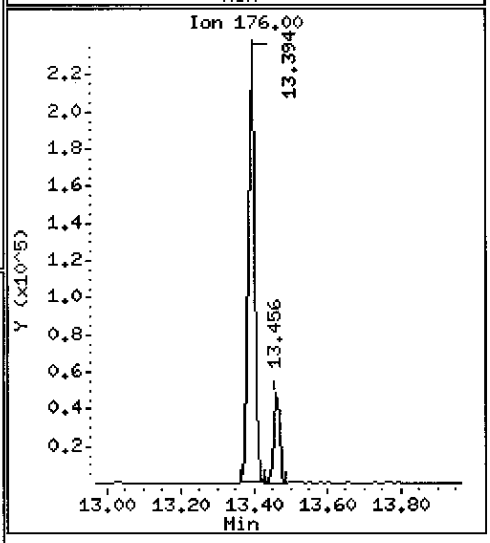












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

Volume Injected (uL): 2.0

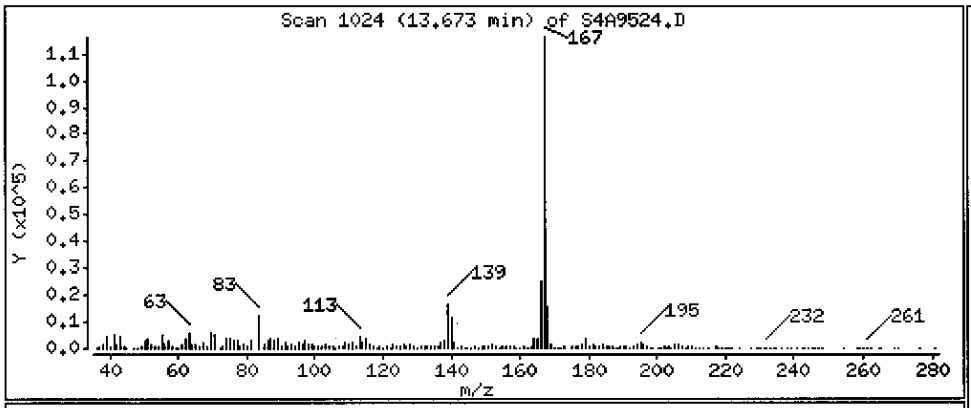
Operator: AW SRC: LIMS

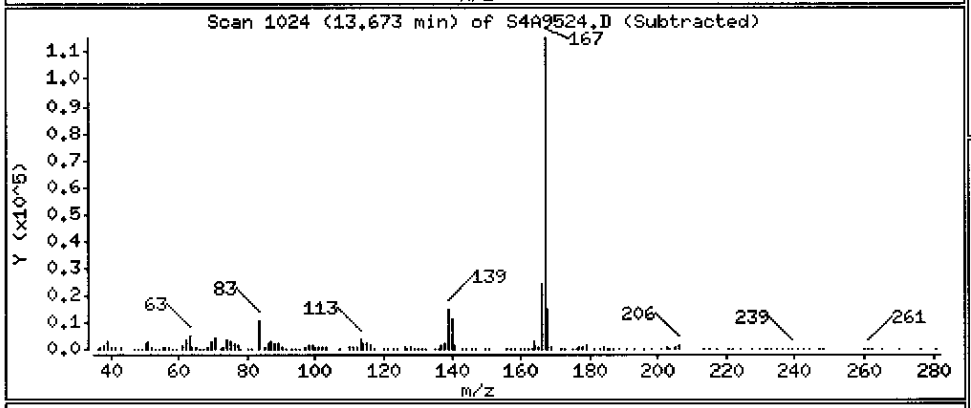
Column phase: DB-5MS

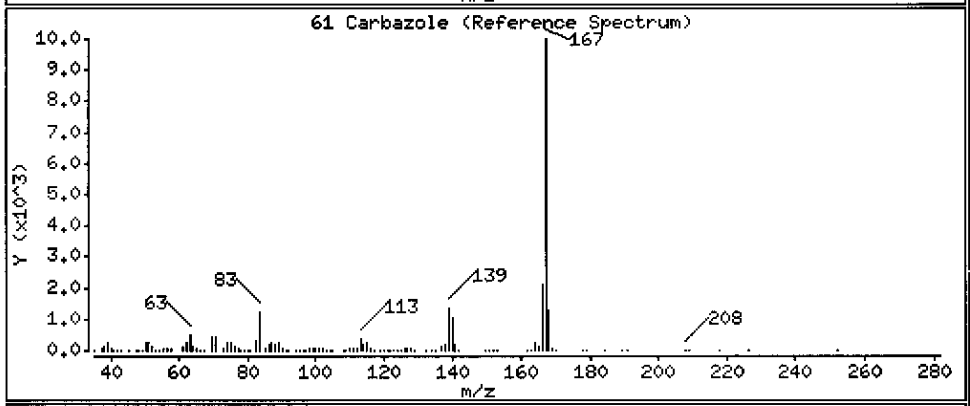
Column diameter: 0.25

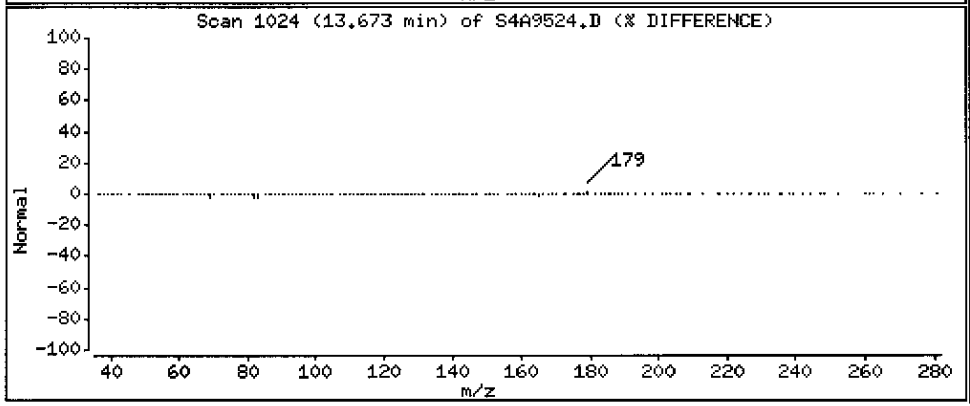
61 Carbazole

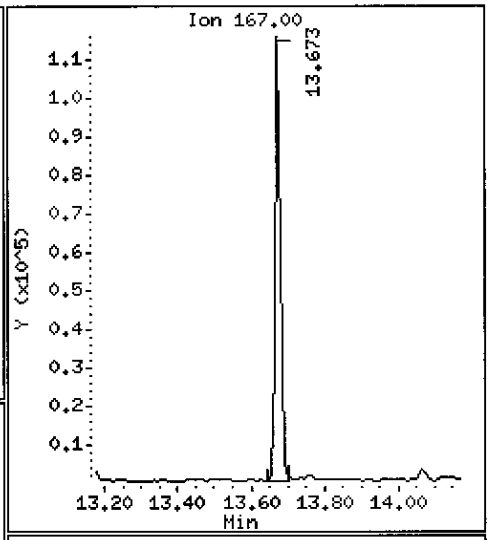
Concentration: 180 ug/Kg

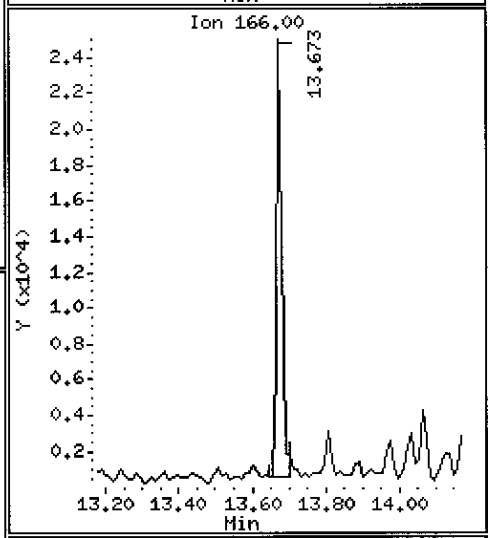


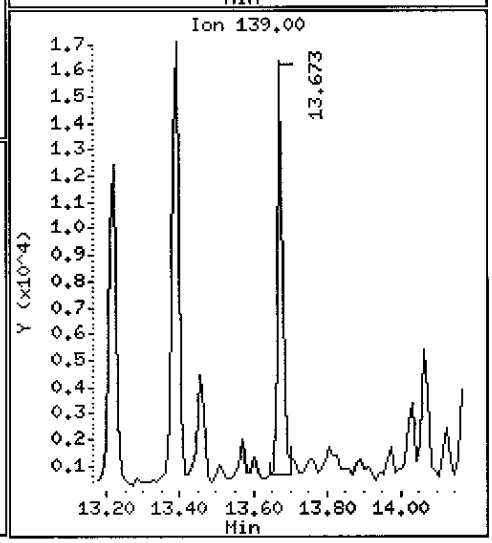












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

Volume Injected (uL): 2.0

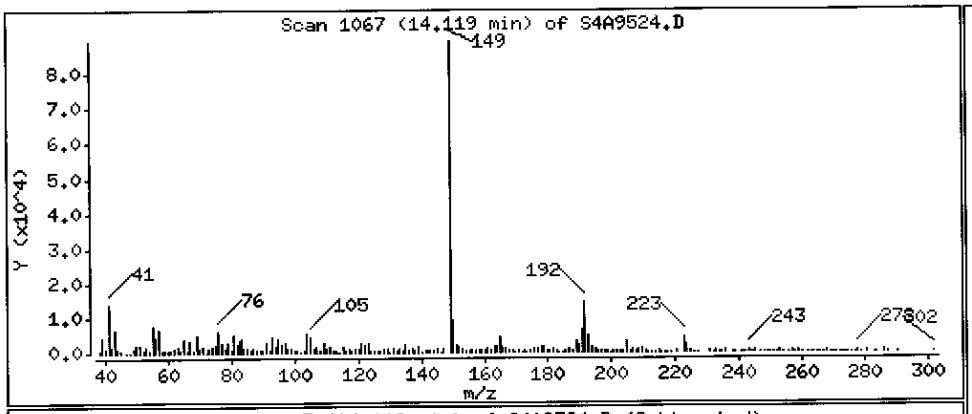
Operator: AW SRC: LIMS

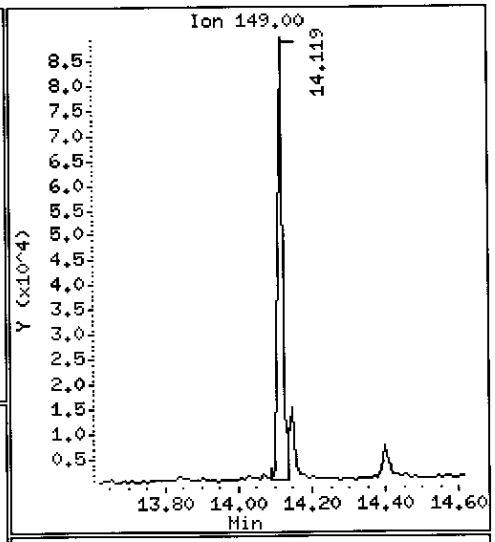
Column phase: DB-5MS

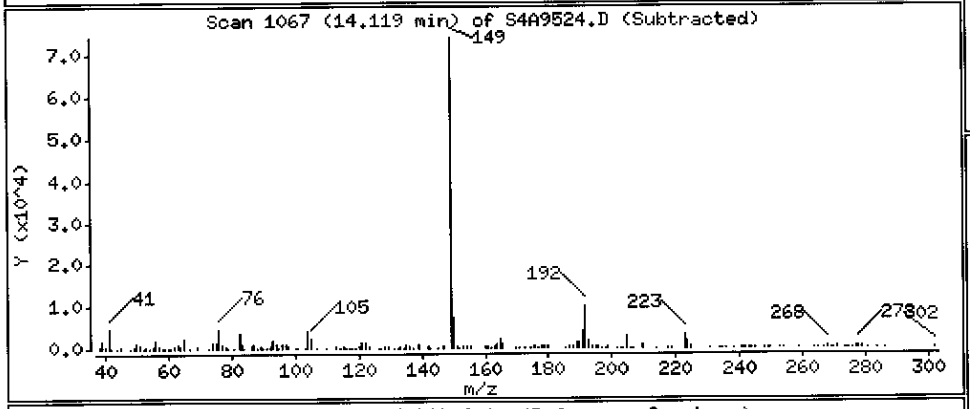
Column diameter: 0.25

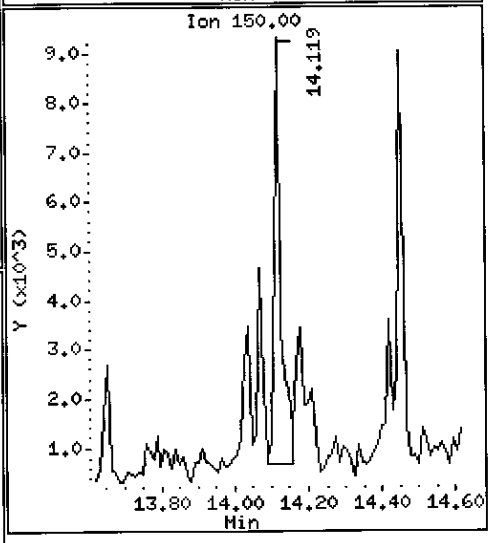
62 Di-n-butylphthalate

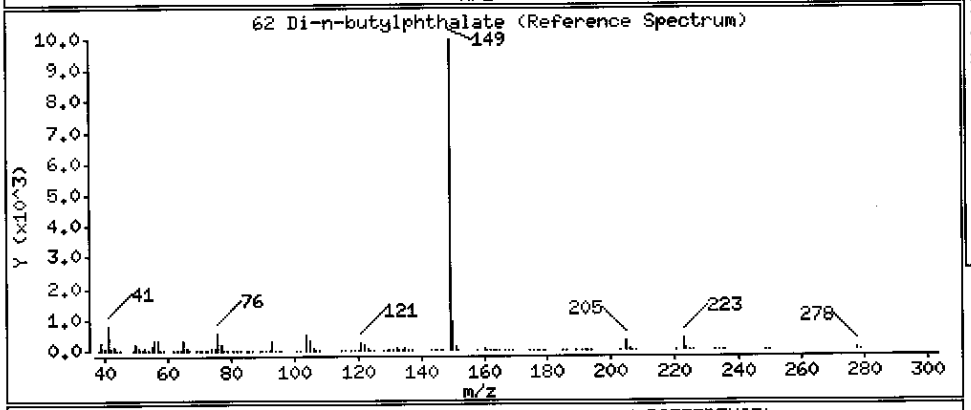
Concentration: 110 ug/Kg

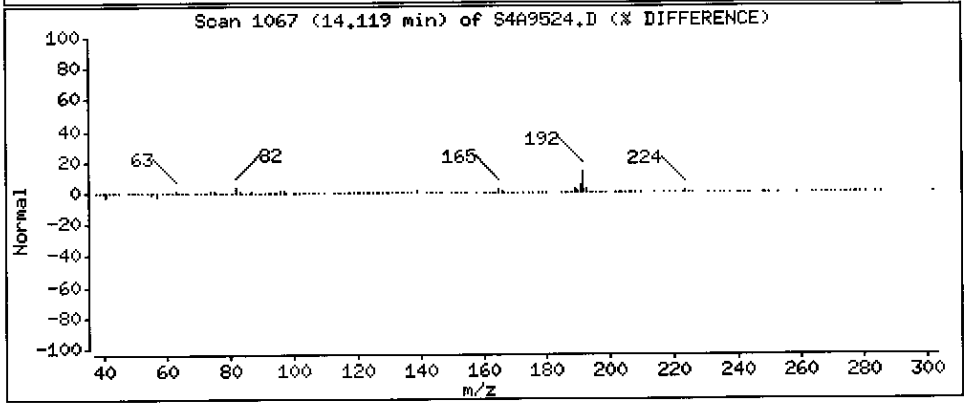












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

Volume Injected (uL): 2.0

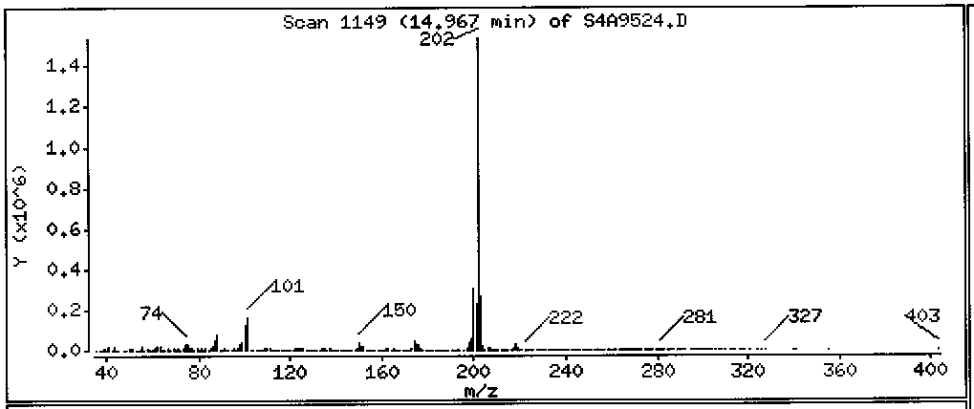
Operator: AW SRC: LIMS

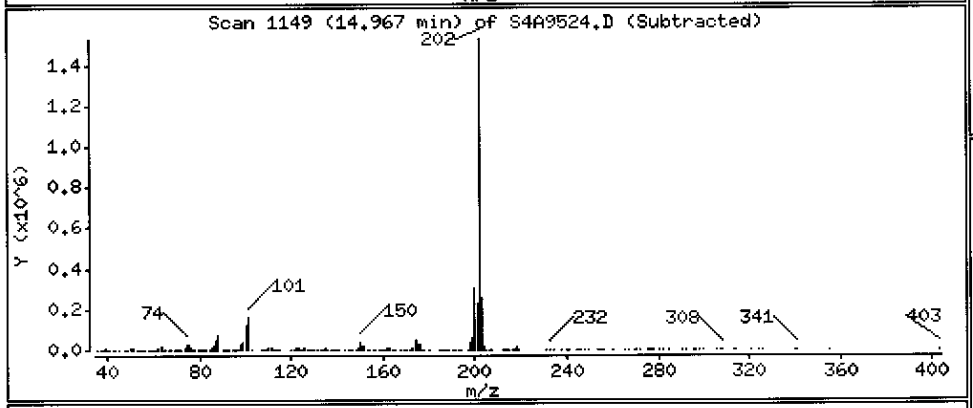
Column phase: DB-5MS

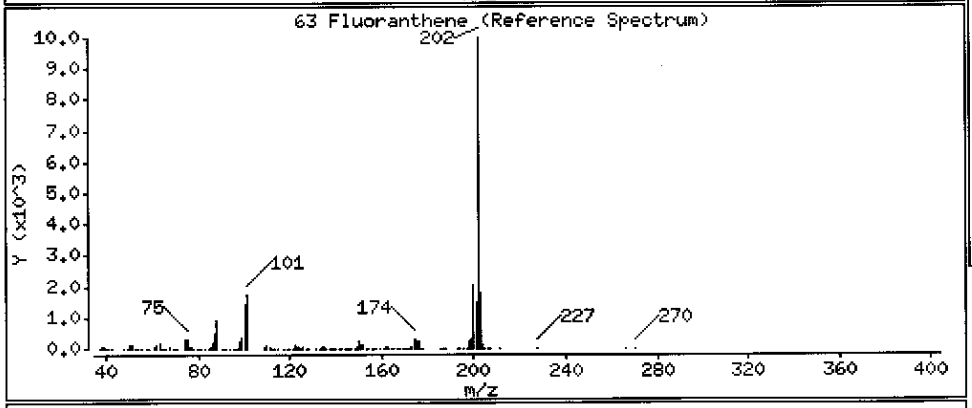
Column diameter: 0.25

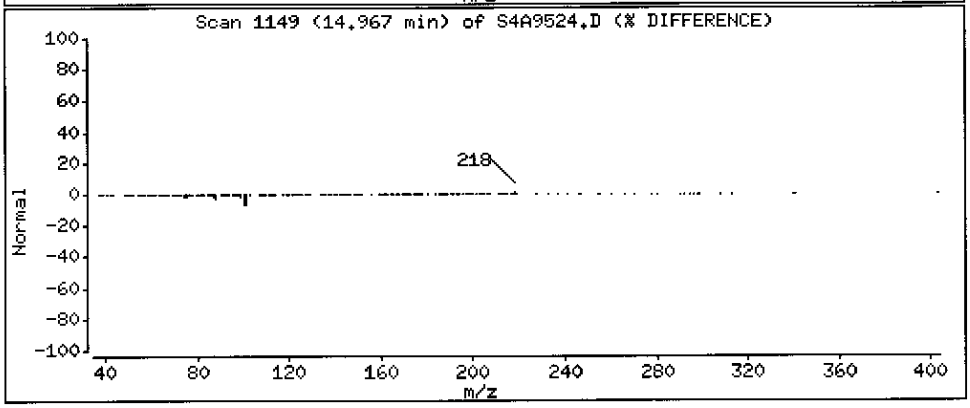
63 Fluoranthene

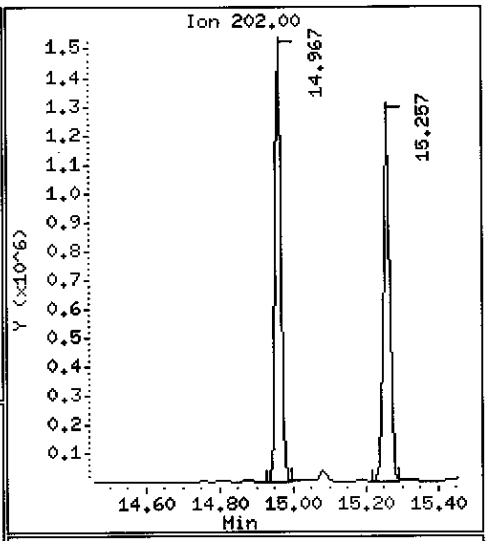
Concentration: 2100 ug/Kg

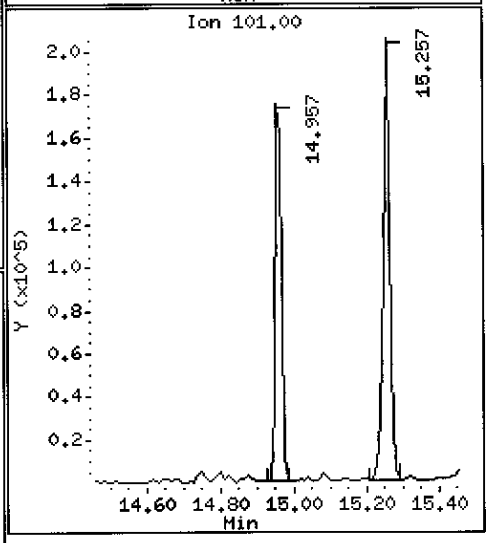












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

Volume Injected (uL): 2.0

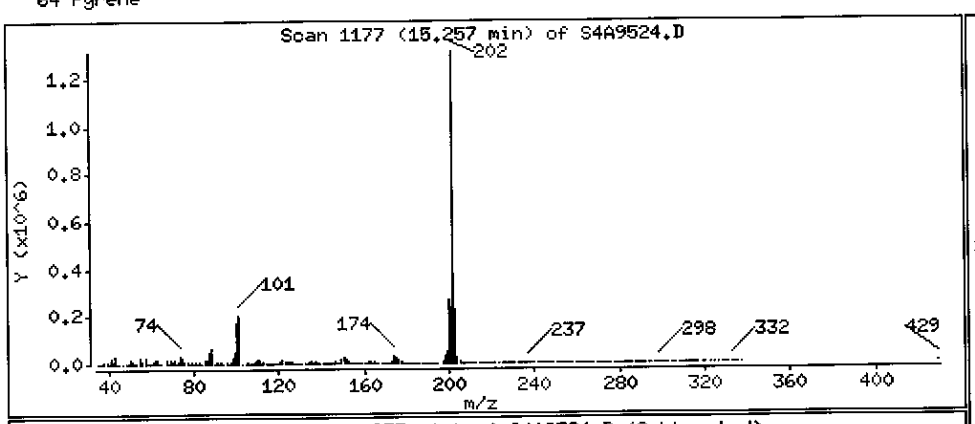
Operator: AW SRC: LIMS

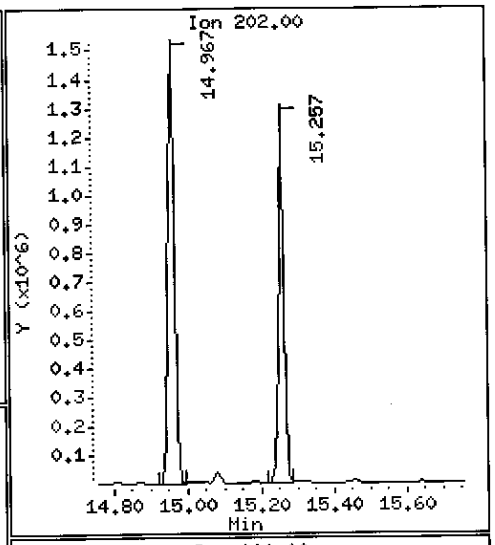
Column phase: DB-5MS

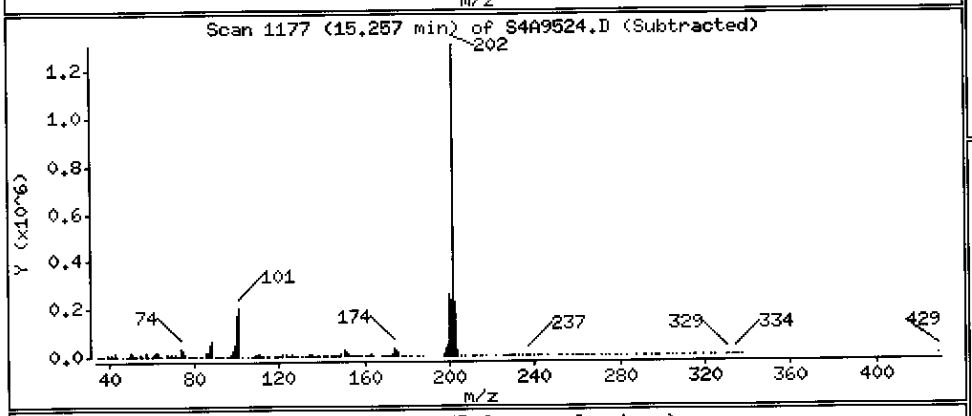
Column diameter: 0.25

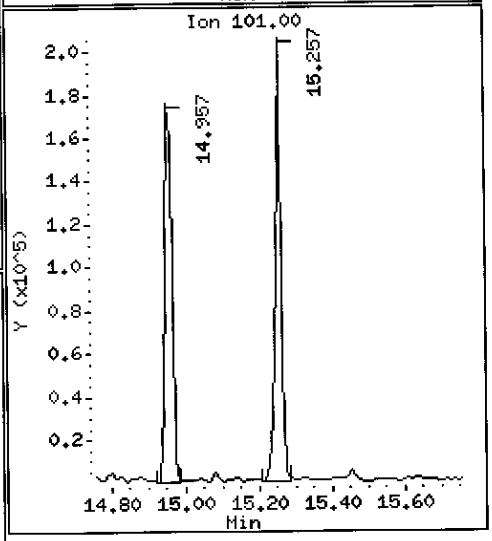
64 Pyrene

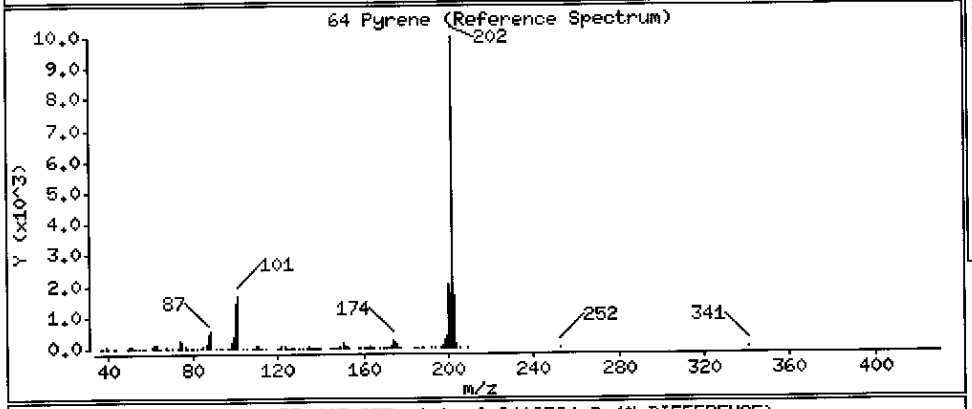
Concentration: 2000 ug/Kg

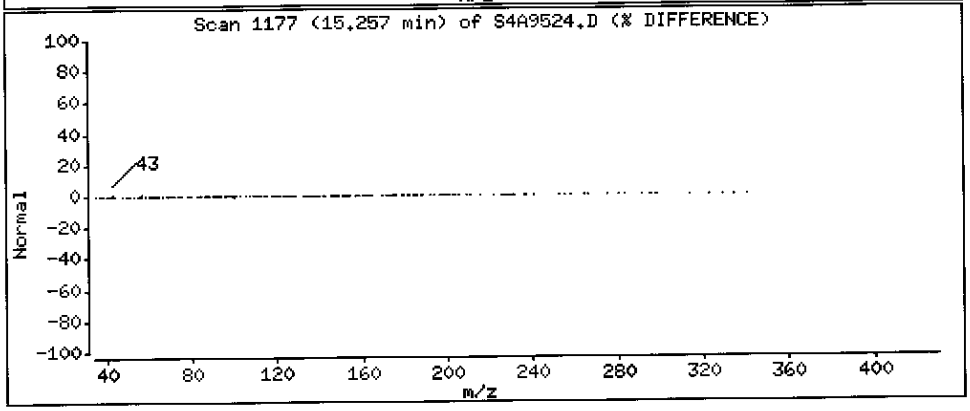












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

Volume Injected (uL): 2.0

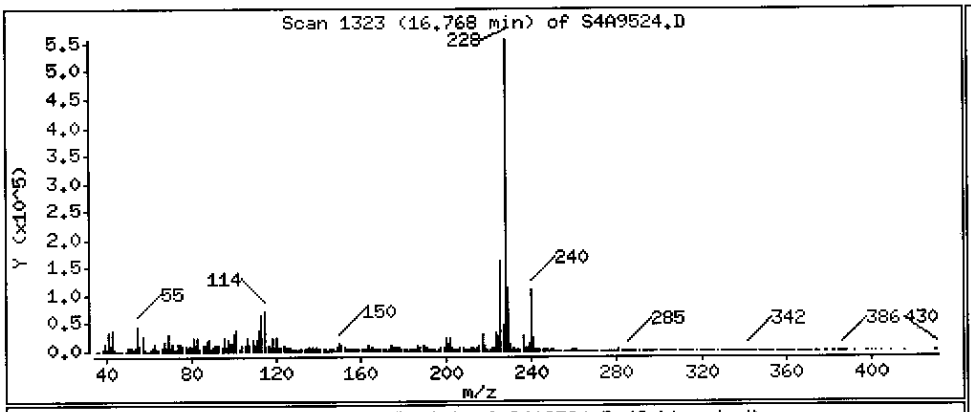
Operator: AW SRC: LIMS

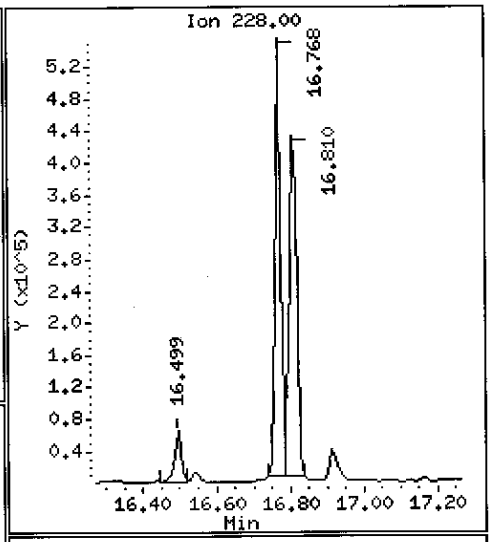
Column phase: DB-5MS

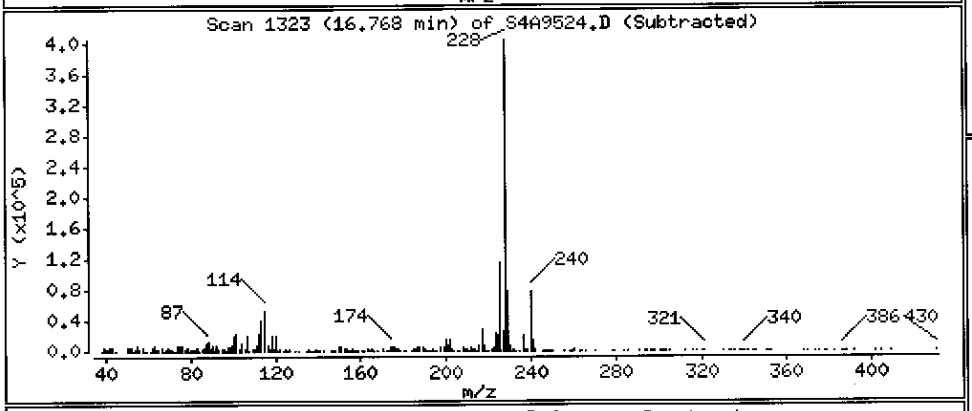
Column diameter: 0.25

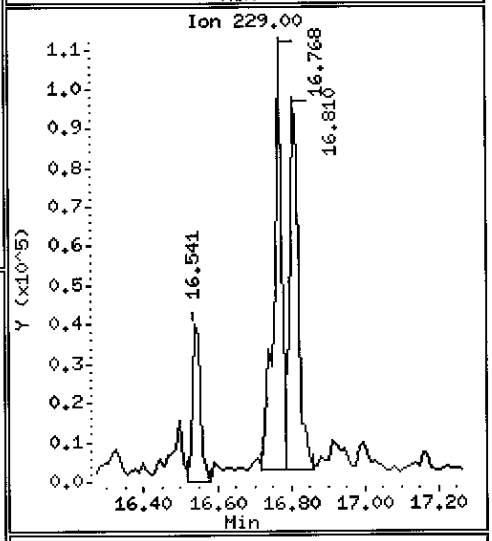
68 Benzo(a)anthracene

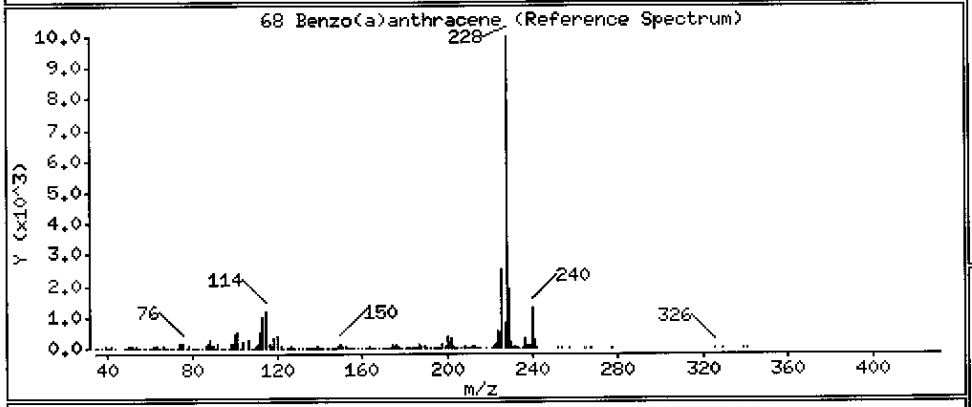
Concentration: 1000 ug/Kg

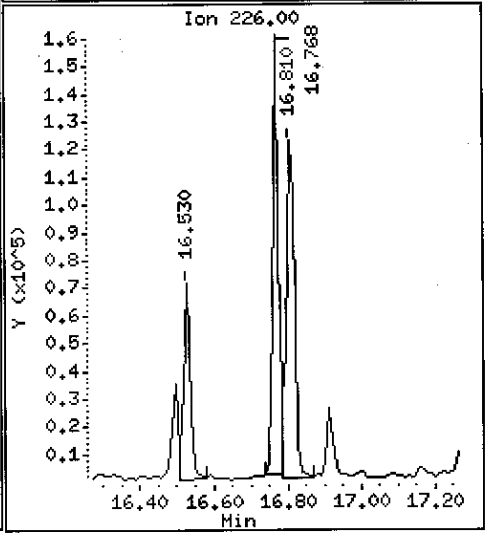


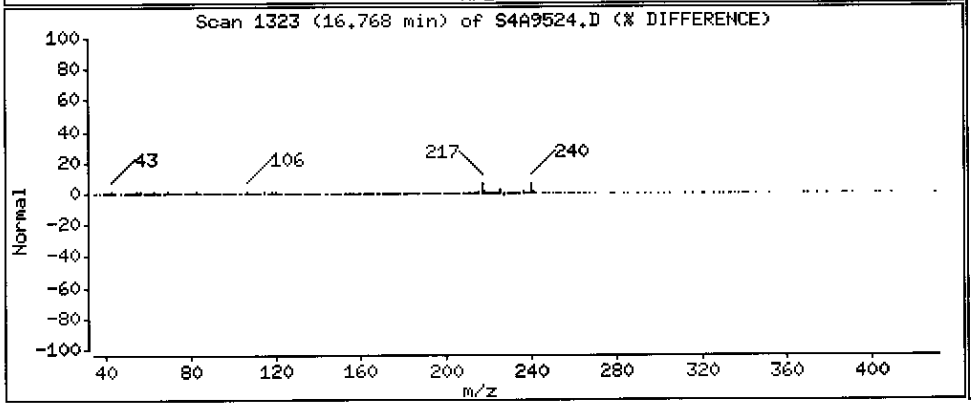












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

Volume Injected (uL): 2.0

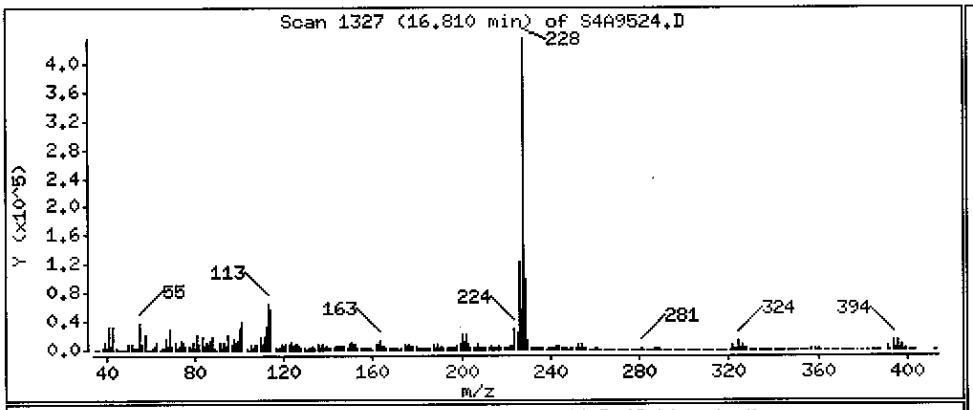
Operator: AW SRC: LIMS

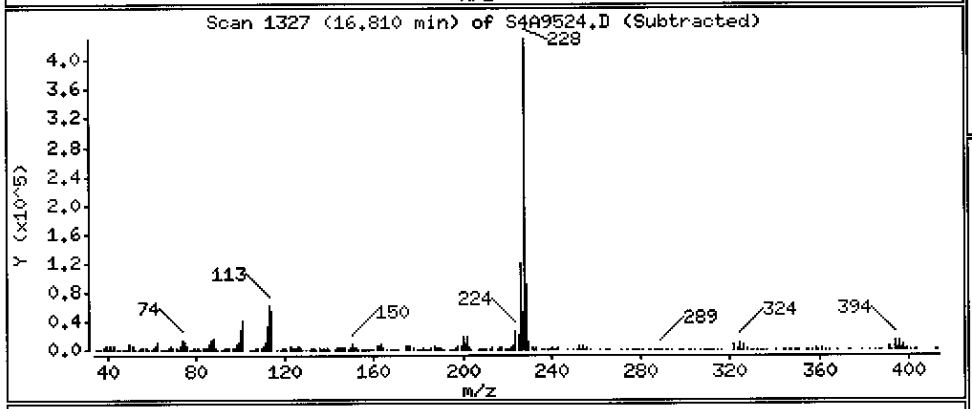
Column phase: DB-5MS

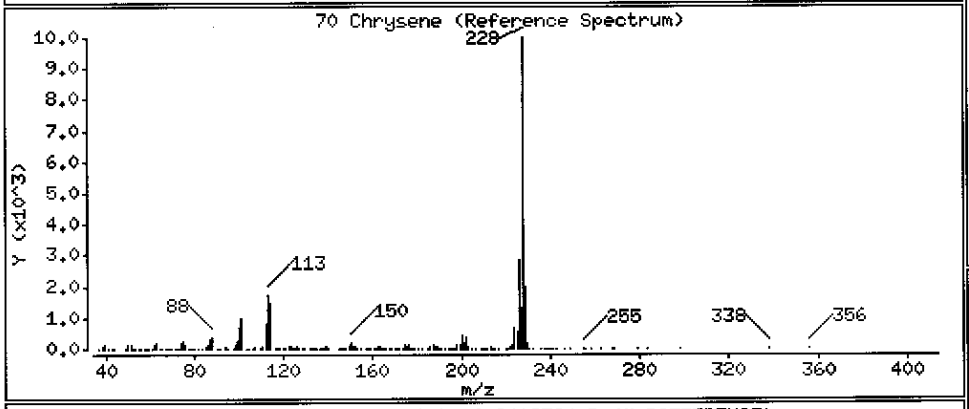
Column diameter: 0.25

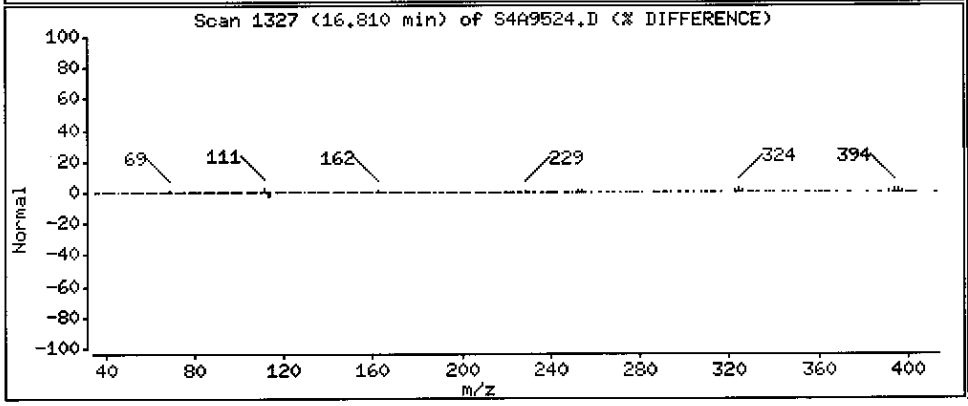
70 Chrysene

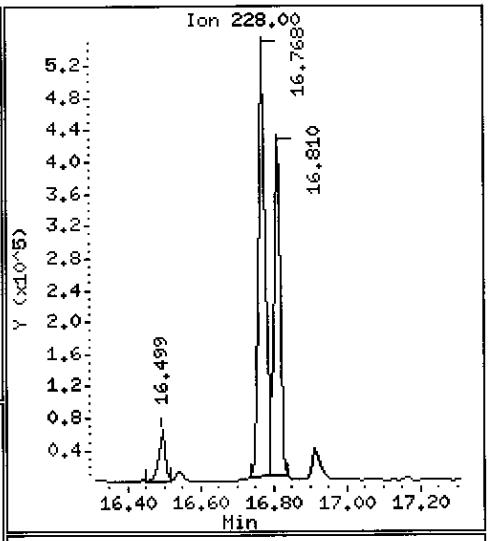
Concentration: 1000 ug/Kg

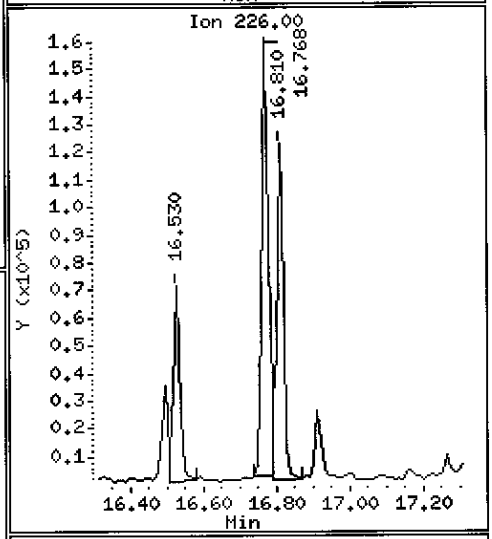


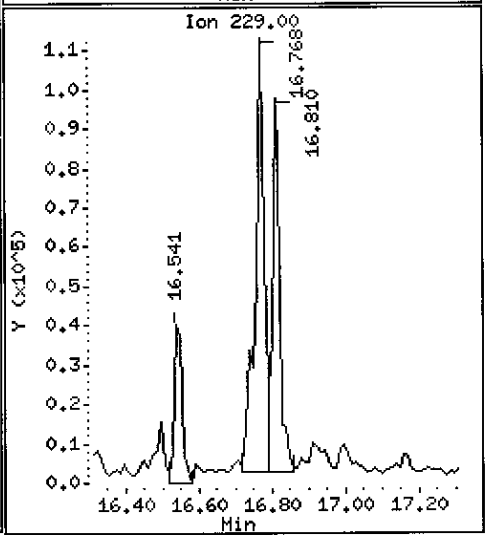












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

Volume Injected (uL): 2.0

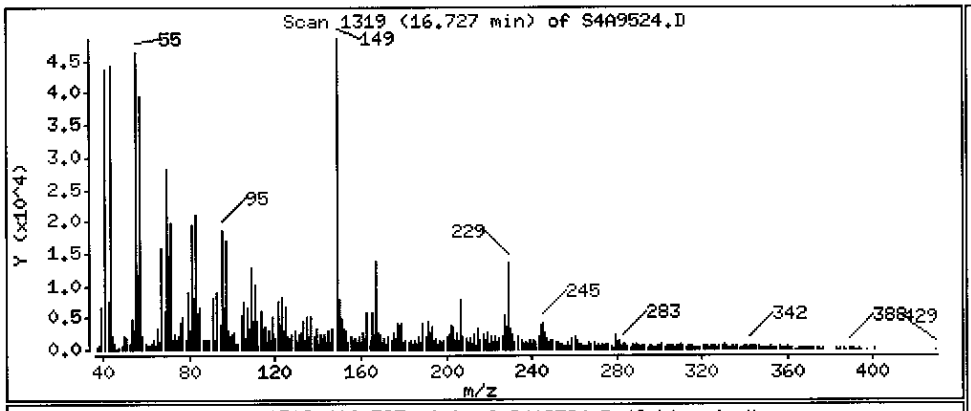
Operator: AW SRC: LIMS

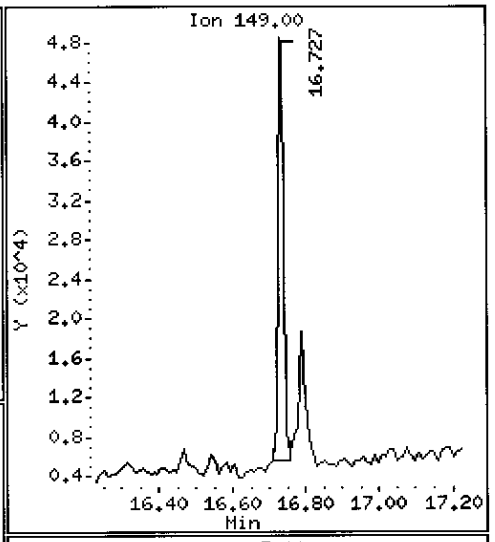
Column phase: DB-5MS

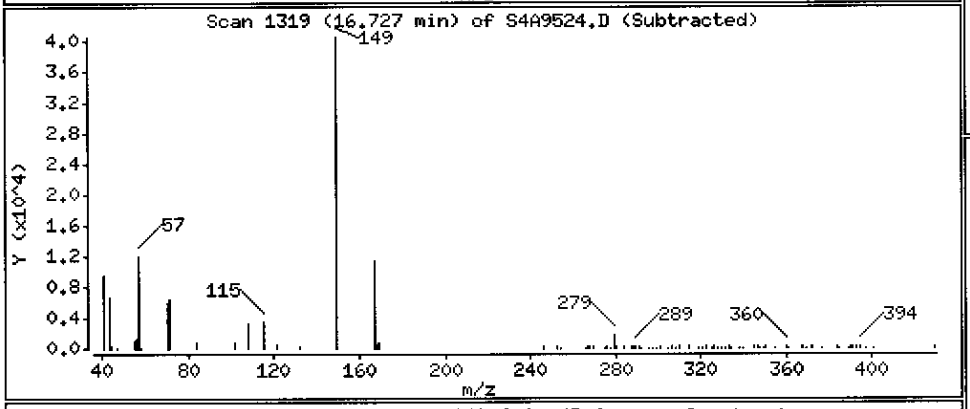
Column diameter: 0.25

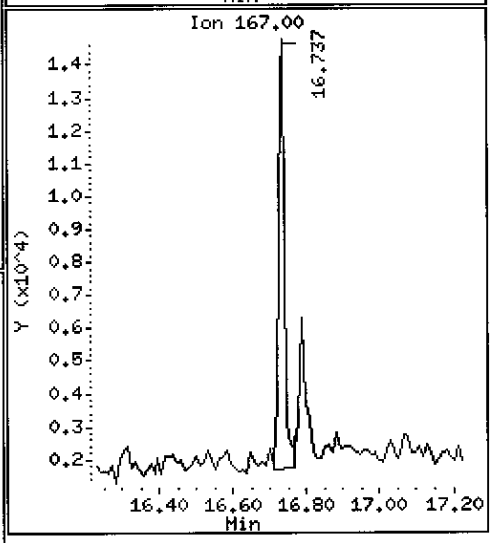
71 bis(2-Ethylhexyl)phthalate

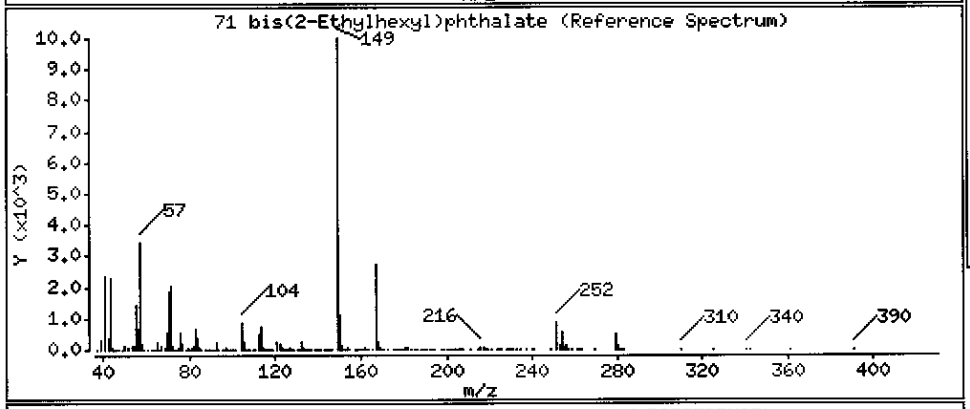
Concentration: 120 ug/Kg

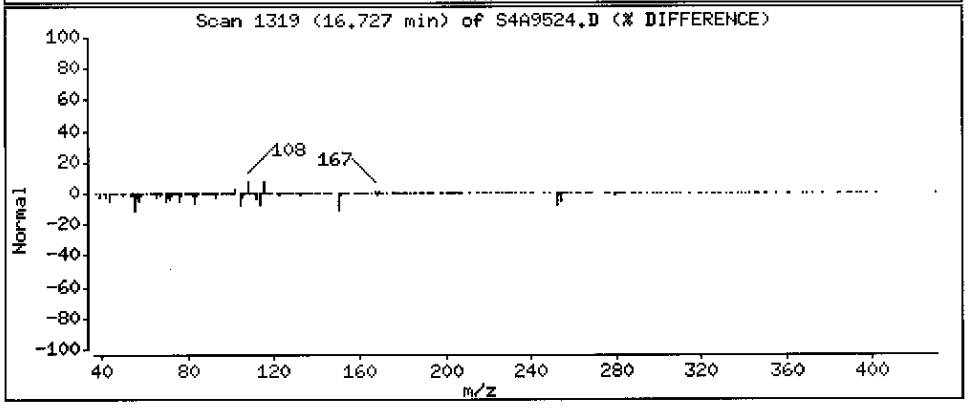












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

Volume Injected (uL): 2.0

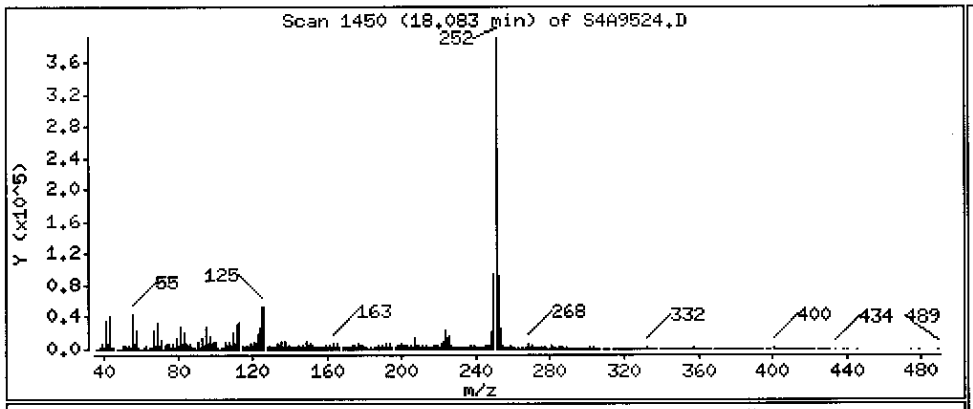
Operator: AW SRC: LIMS

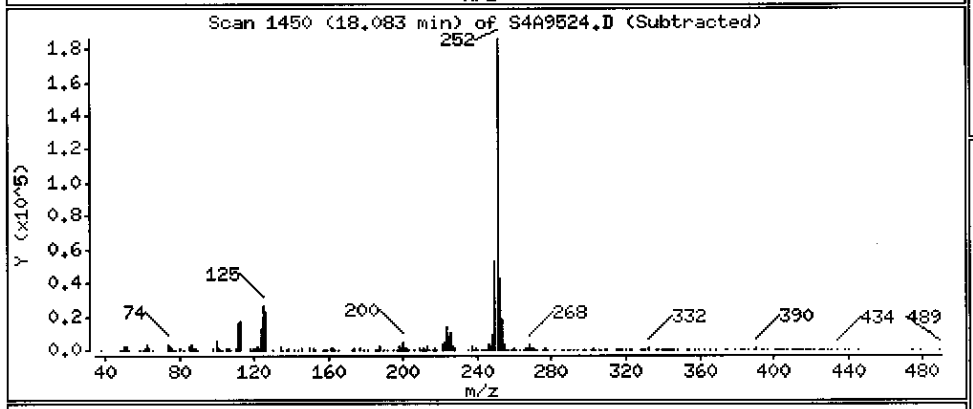
Column phase: DB-5MS

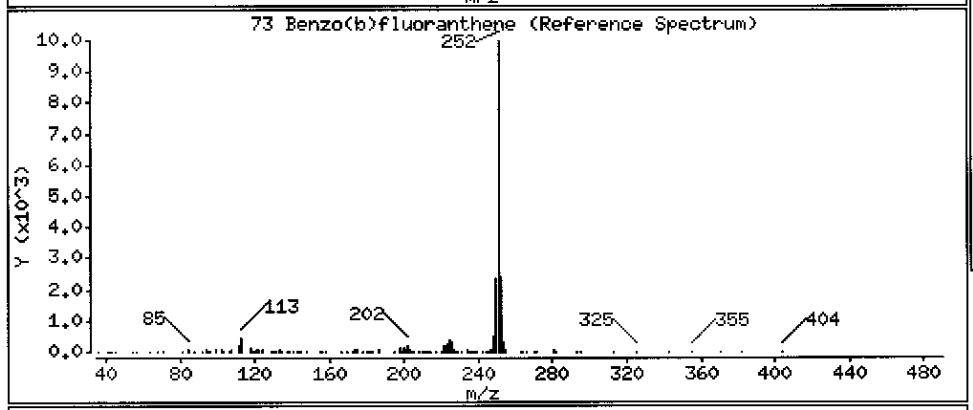
Column diameter: 0.25

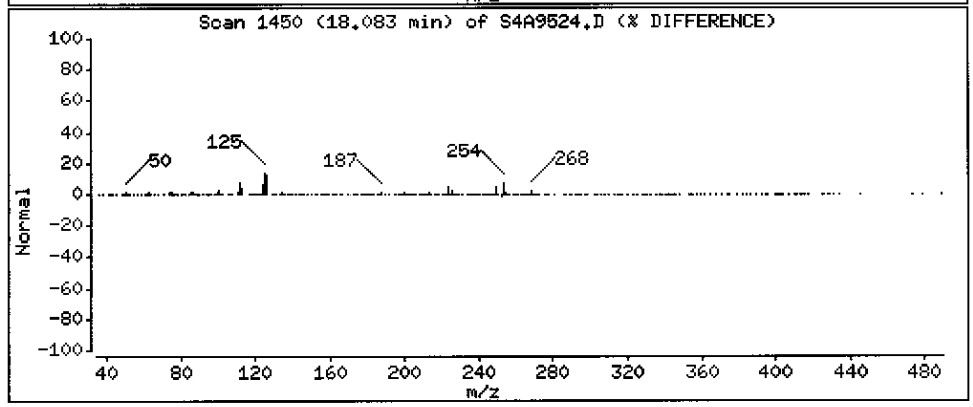
73 Benzo(b)fluoranthene

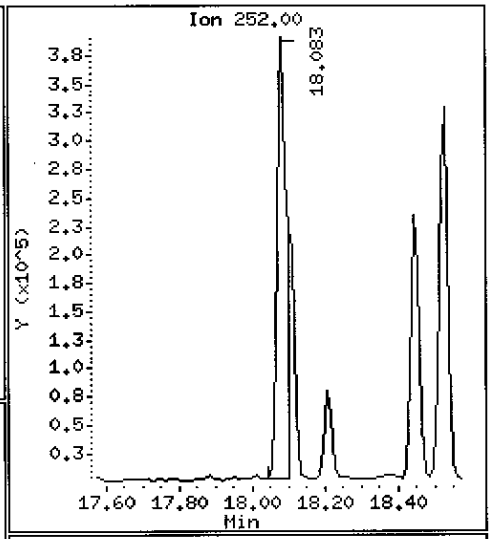
Concentration: 1200 ug/Kg

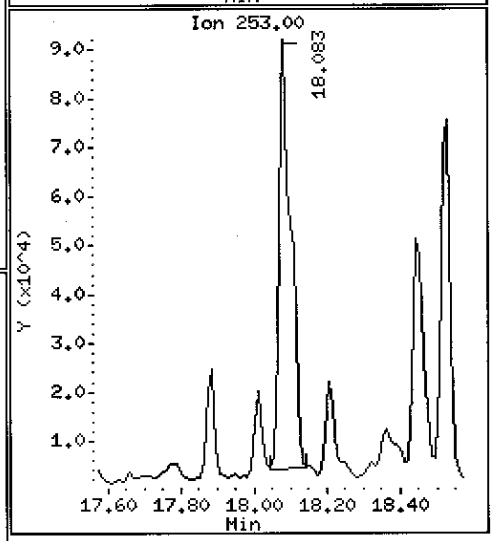












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

Volume Injected (uL): 2.0

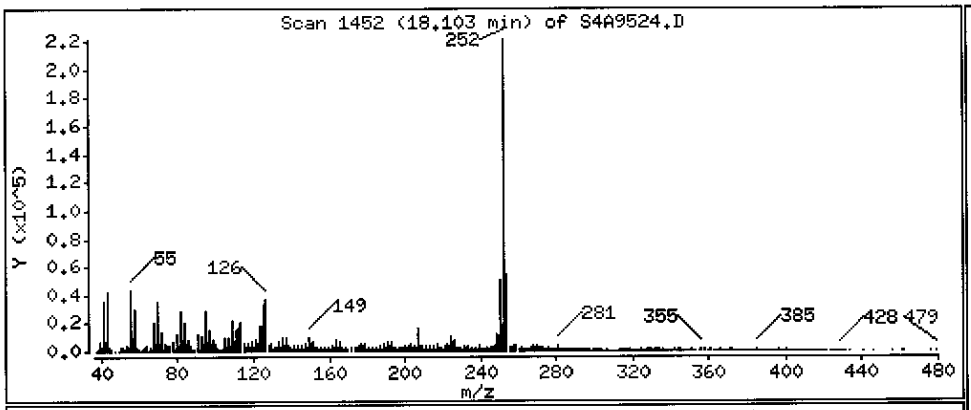
Operator: AW SRC: LIMS

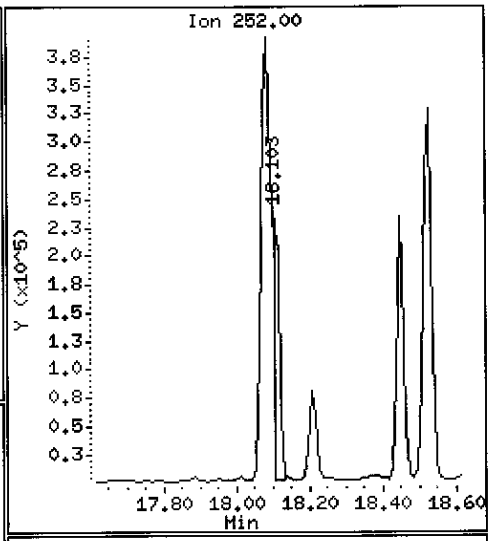
Column phase: DB-5MS

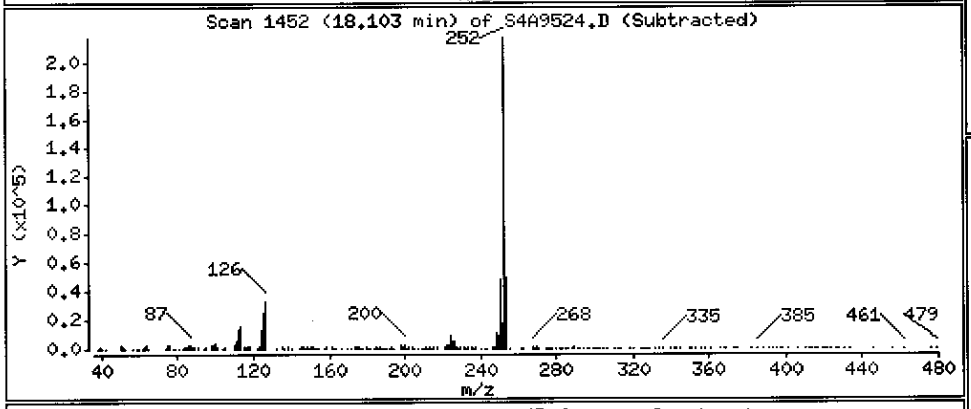
Column diameter: 0.25

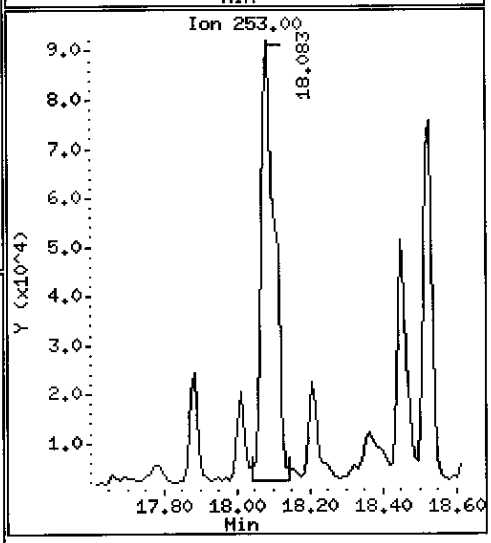
74 Benzo(k)fluoranthene

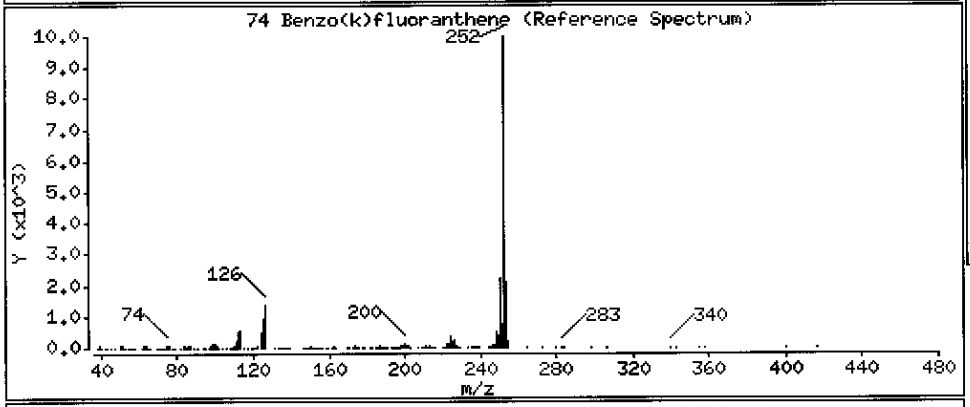
Concentration: 460 ug/Kg

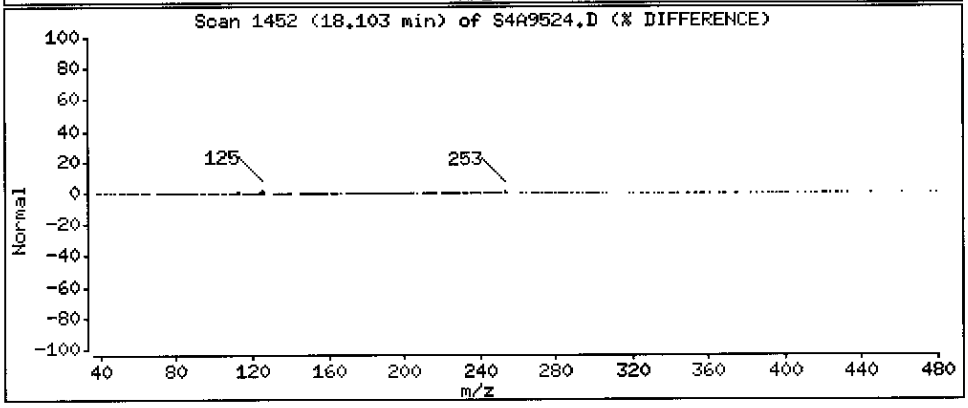












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

Volume Injected (uL): 2.0

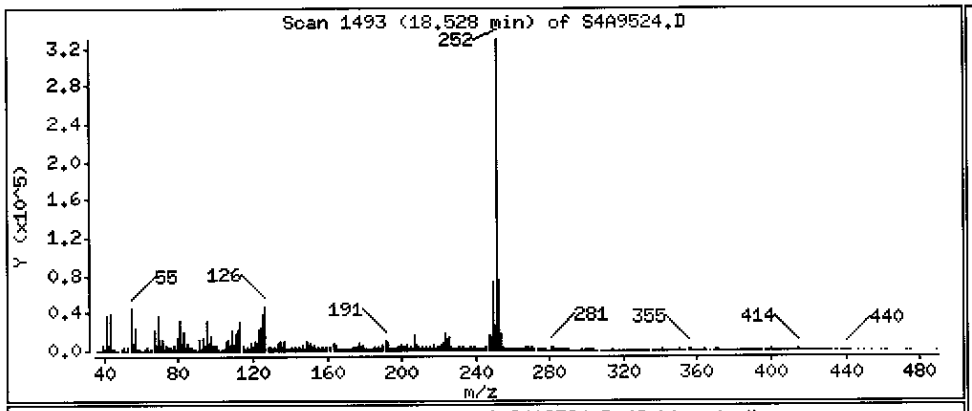
Operator: AW SRC: LIMS

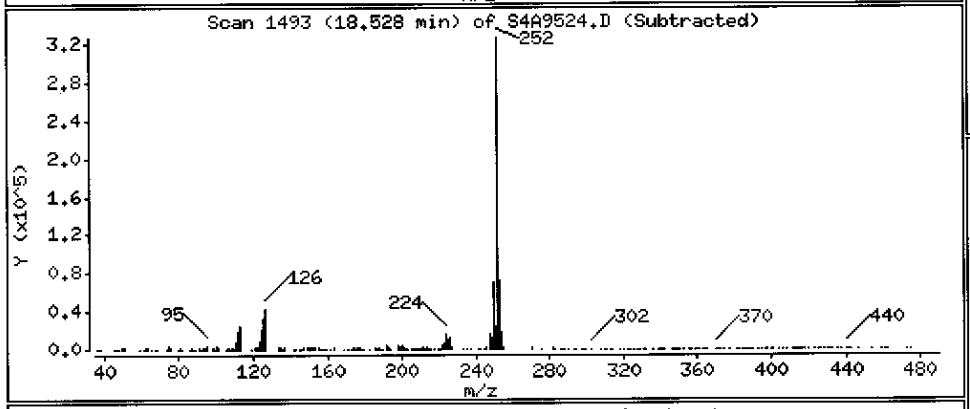
Column phase: DB-5MS

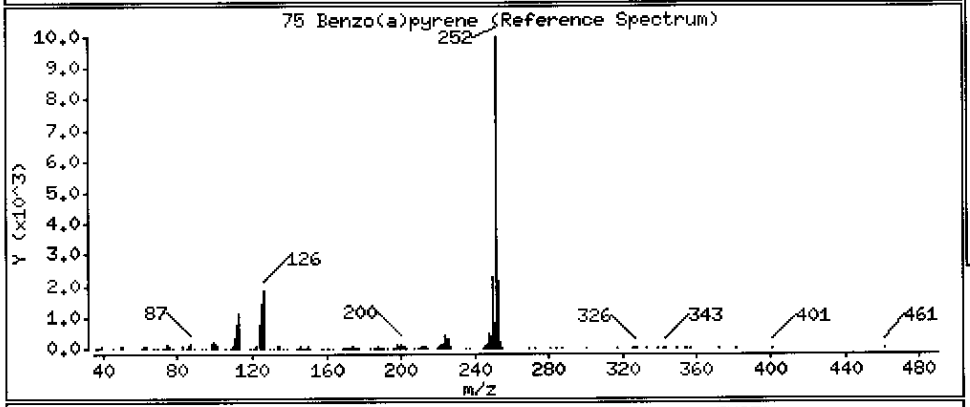
Column diameter: 0.25

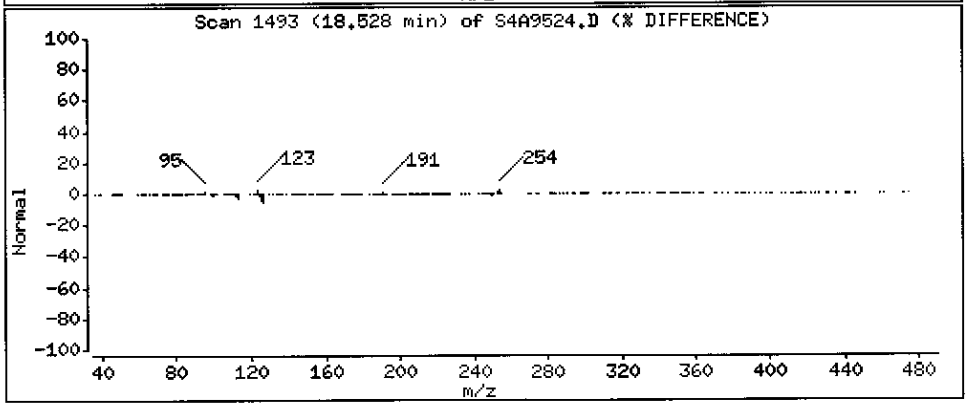
75 Benzo(a)pyrene

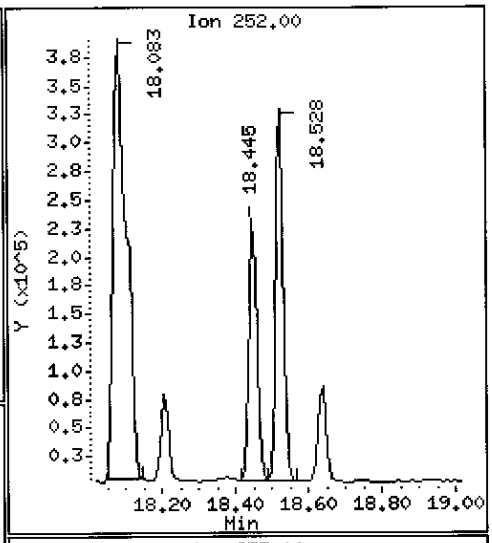
Concentration: 940 ug/Kg

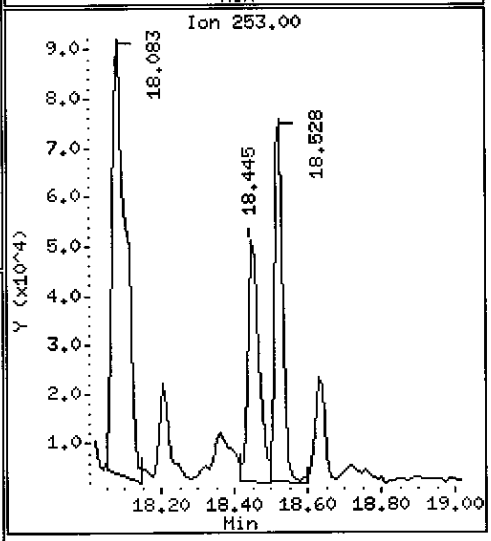












Data File: \\AWOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

Volume Injected (uL): 2.0

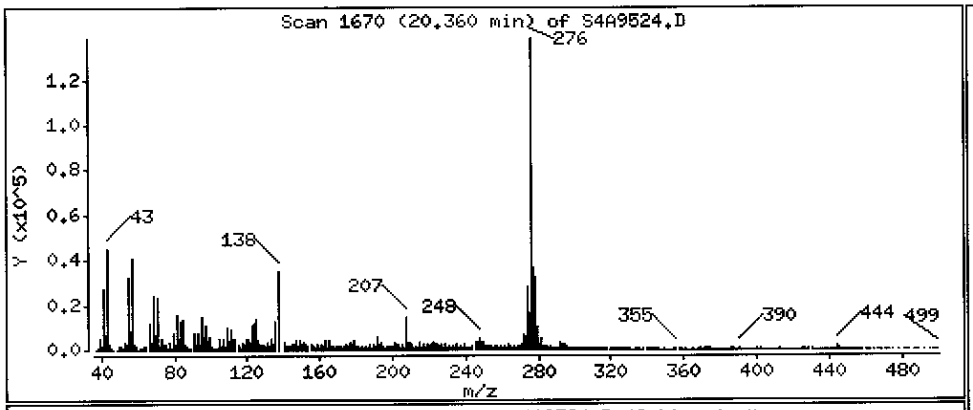
Operator: AW SRC: LIMS

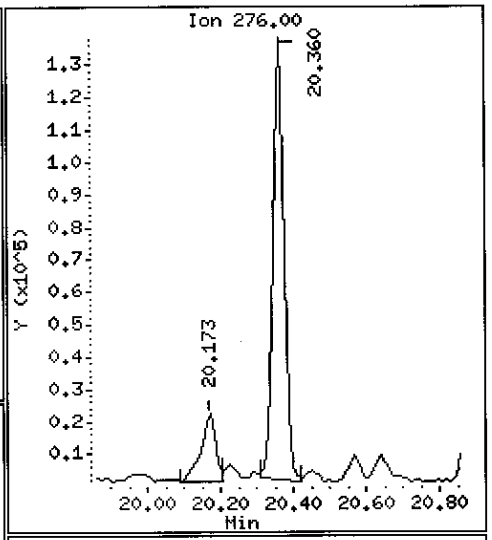
Column phase: DB-5MS

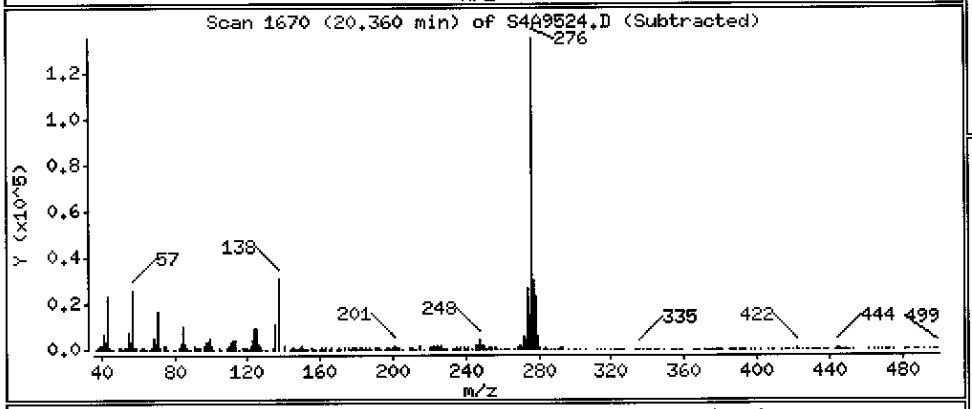
Column diameter: 0.25

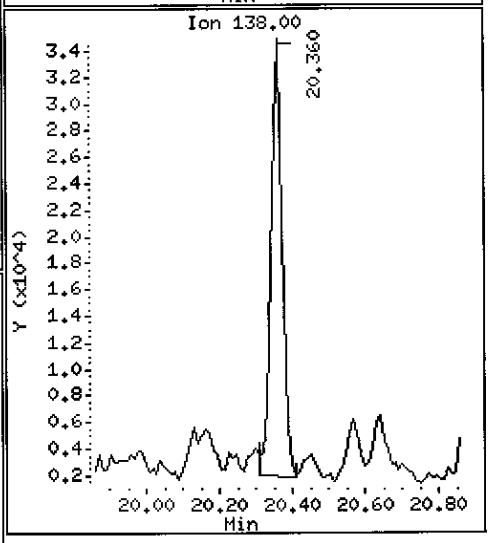
77 Indeno(1,2,3-cd)pyrene

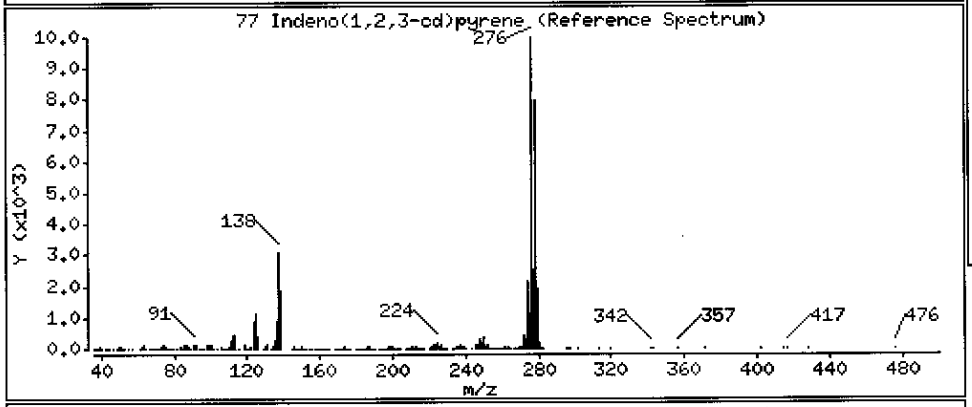
Concentration: 470 ug/Kg

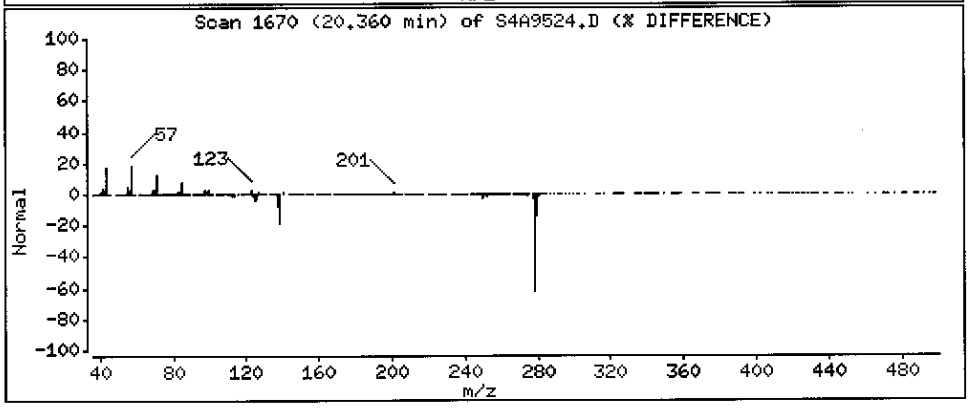












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

Volume Injected (uL): 2.0

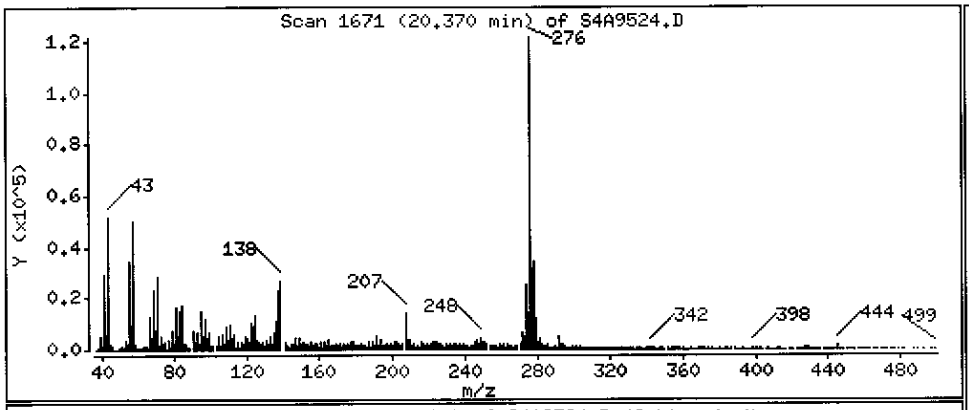
Operator: AW SRC: LIMS

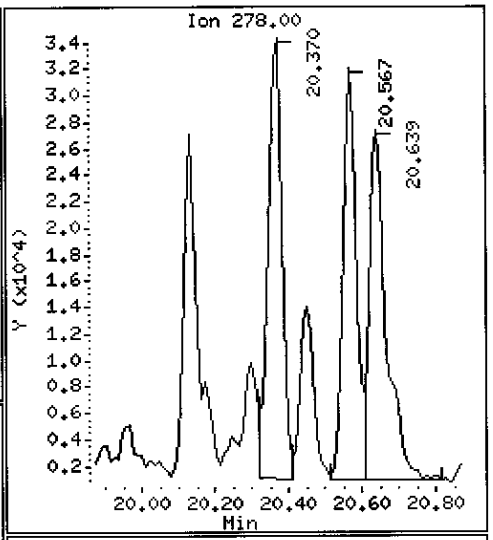
Column phase: DB-5MS

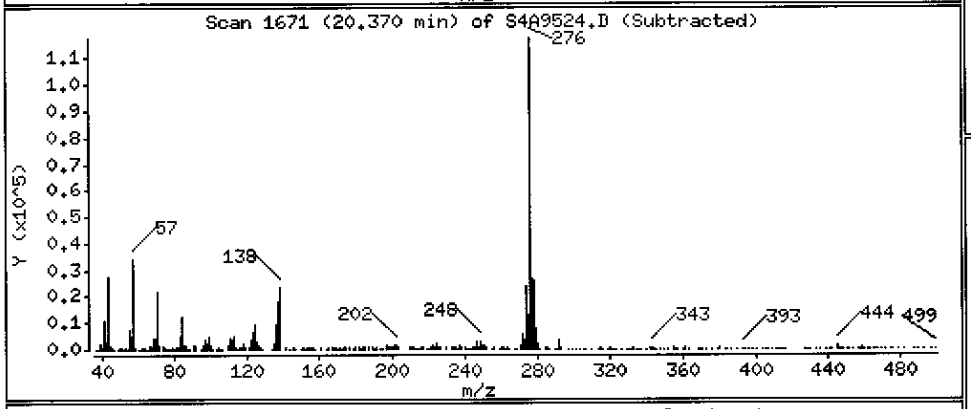
Column diameter: 0.25

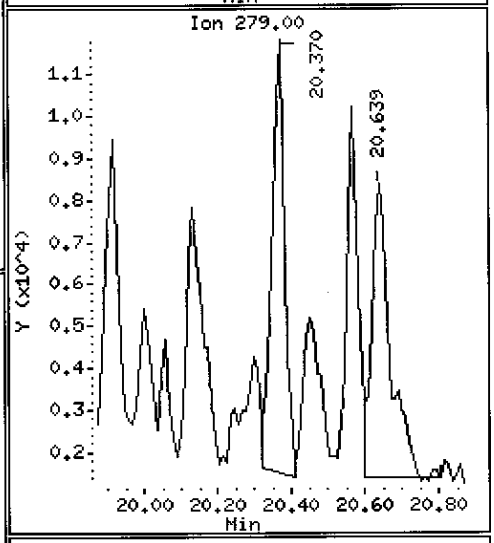
78 Dibenzo(a,h)anthracene

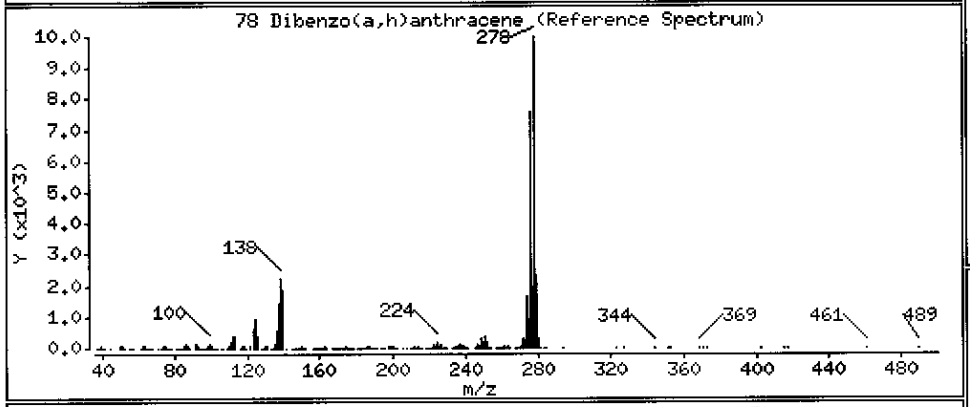
Concentration: 170 ug/Kg

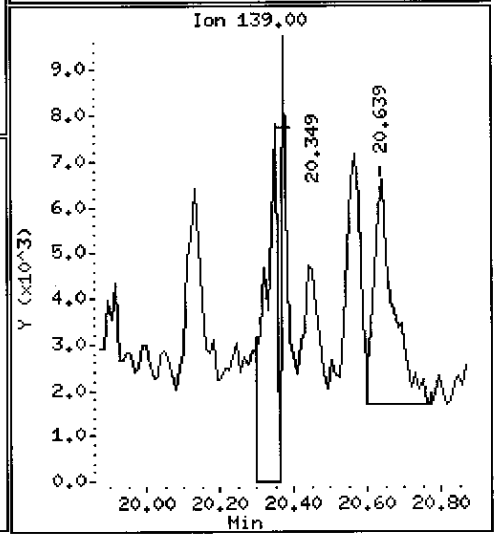


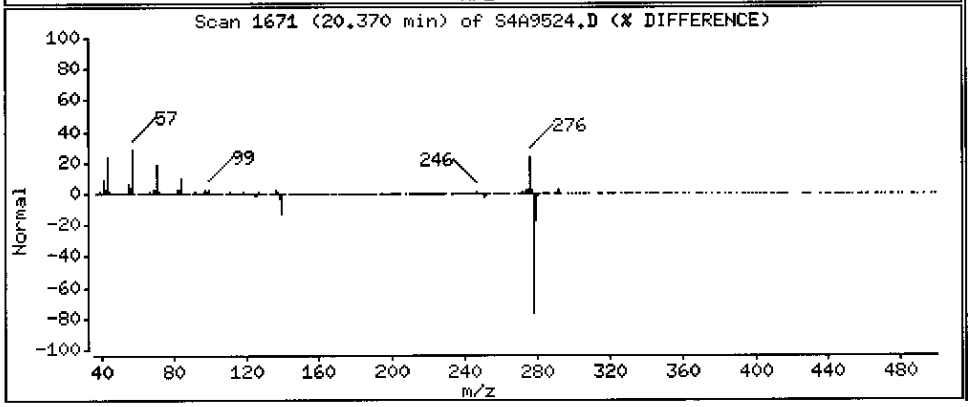












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

Volume Injected (uL): 2.0

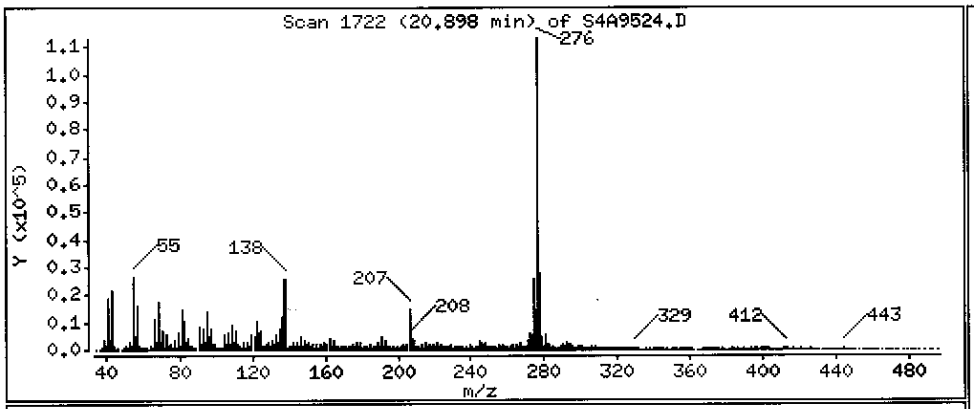
Operator: AW SRC: LIMS

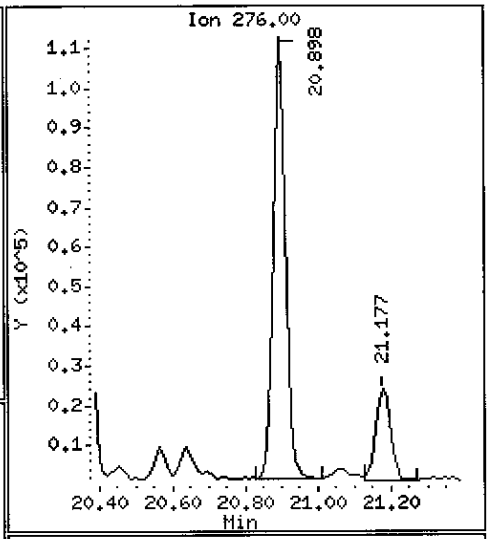
Column phase: DB-5MS

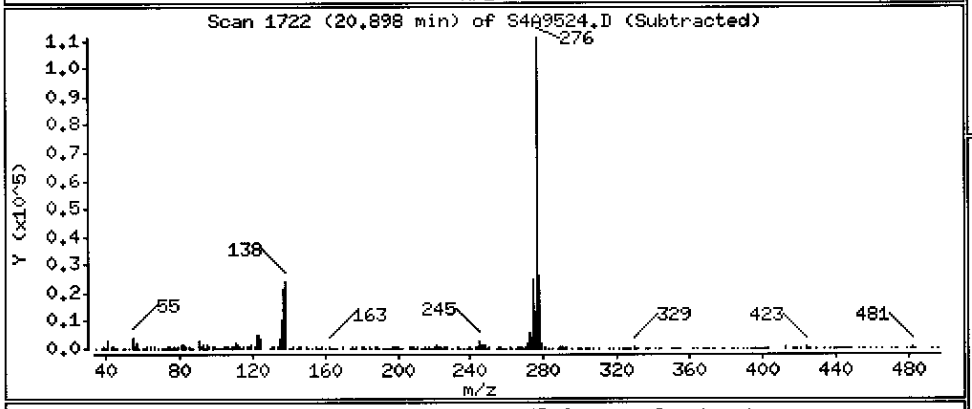
Column diameter: 0.25

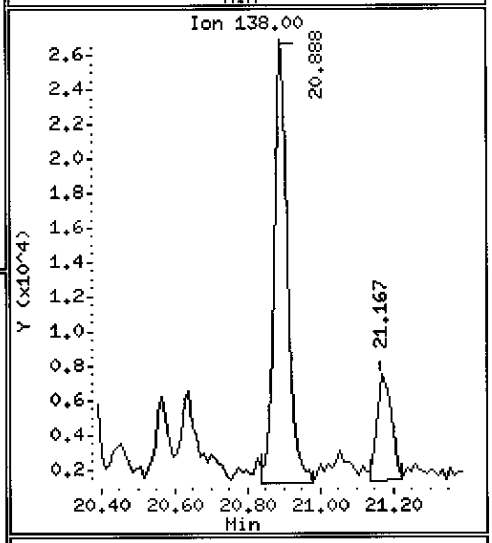
79 Benzo(g,h,i)perylene

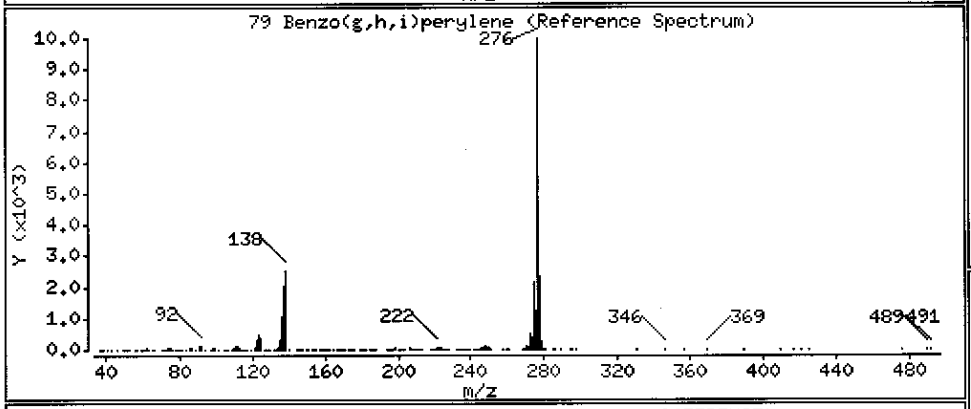
Concentration: 540 ug/Kg

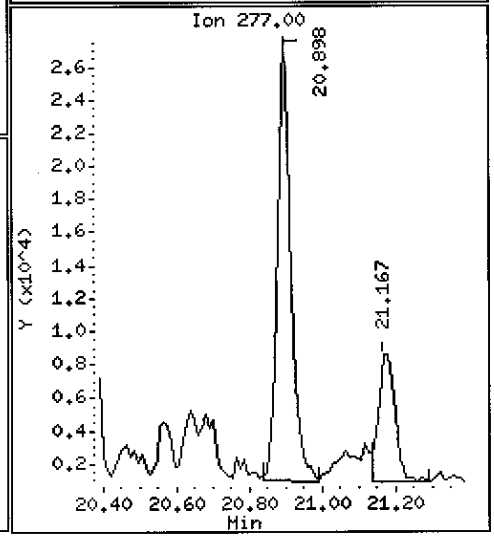


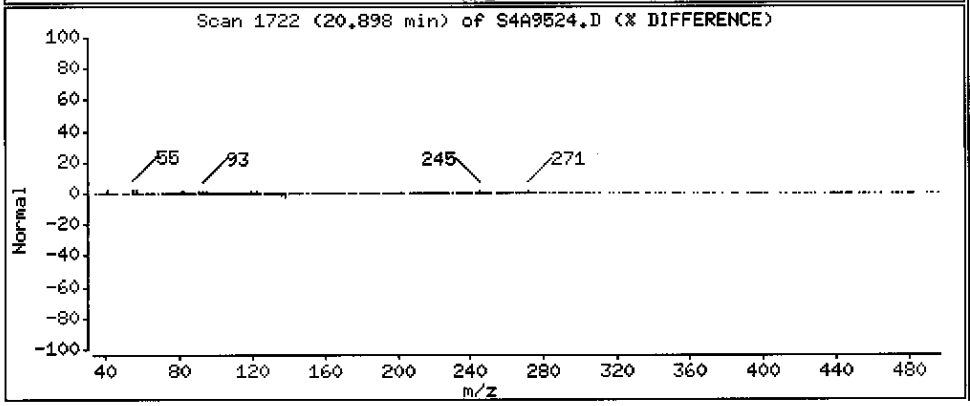












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

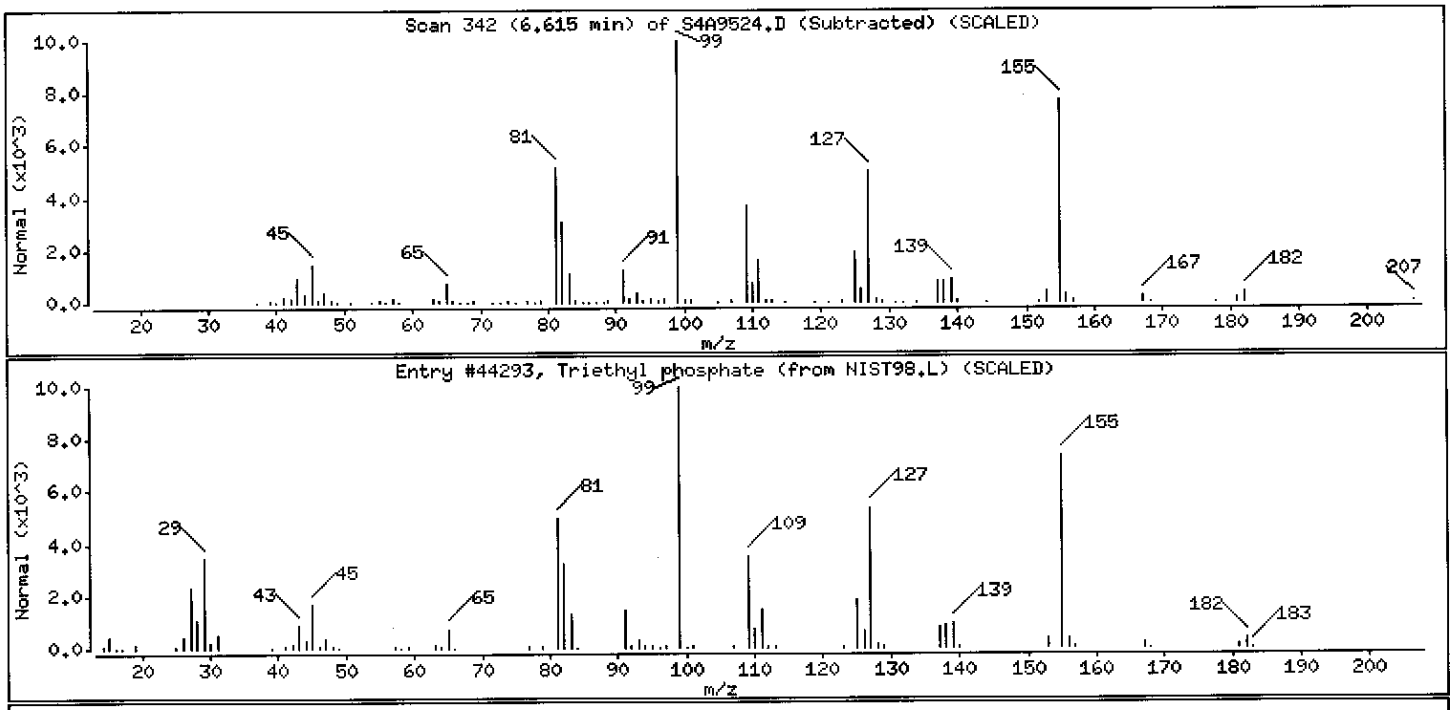
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Triethyl phosphate	78-40-0	NIST98.L	44293	98	C6H15O4P	182



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

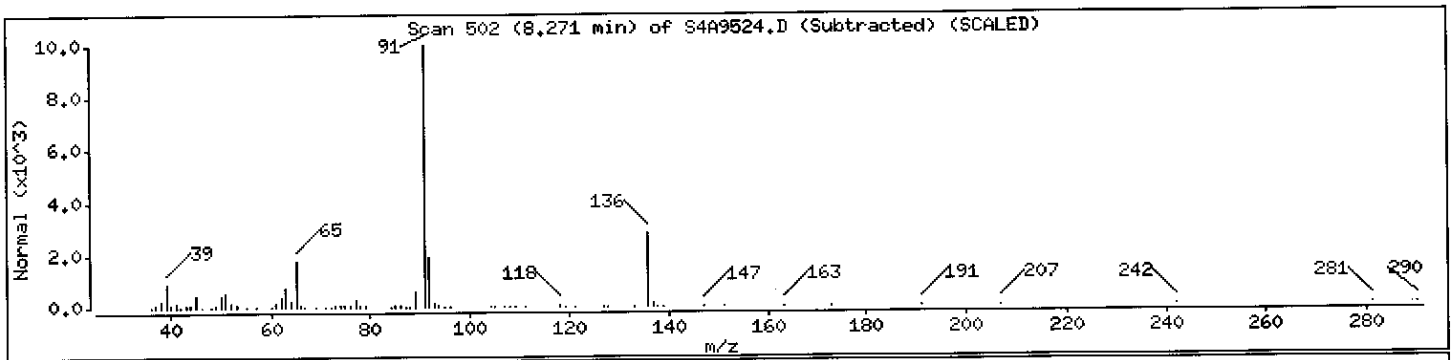
Volume Injected (uL): 2.0

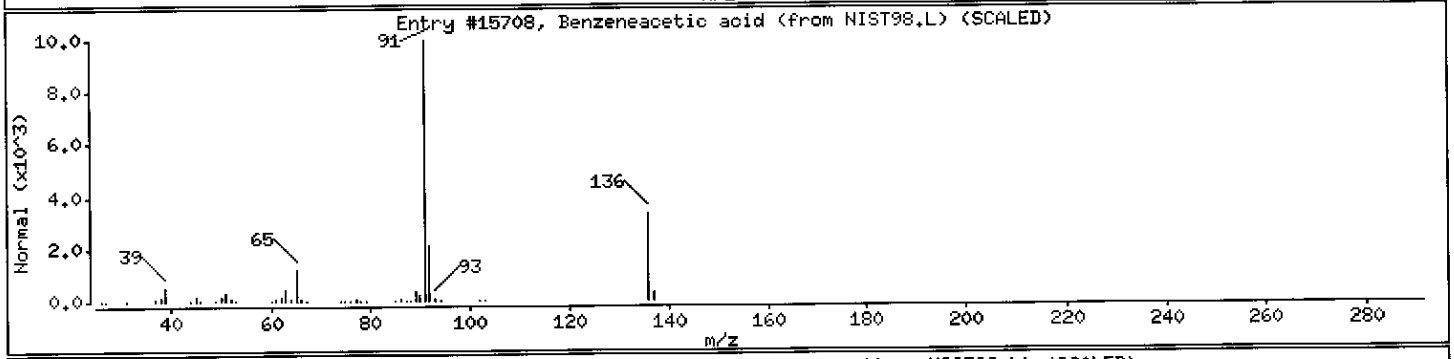
Operator: AW SRC: LIMS

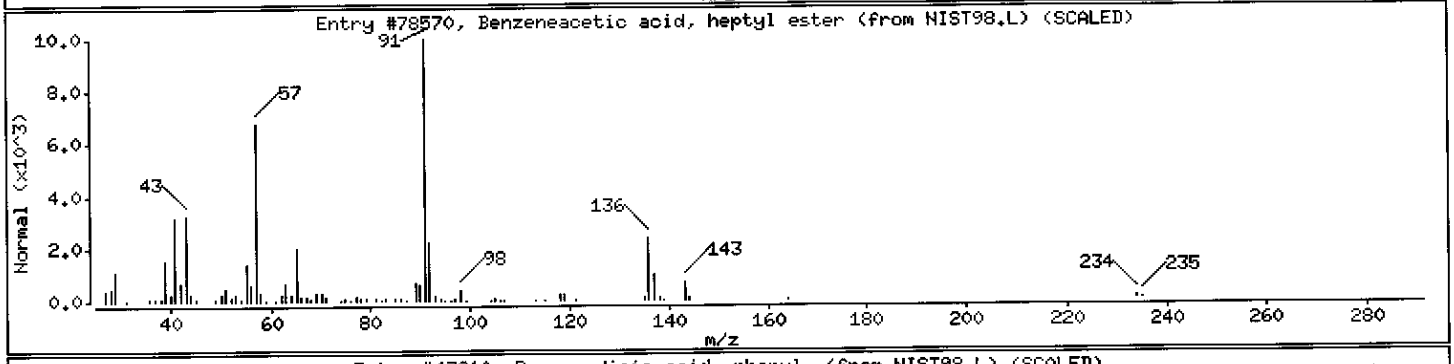
Column phase: DB-5MS

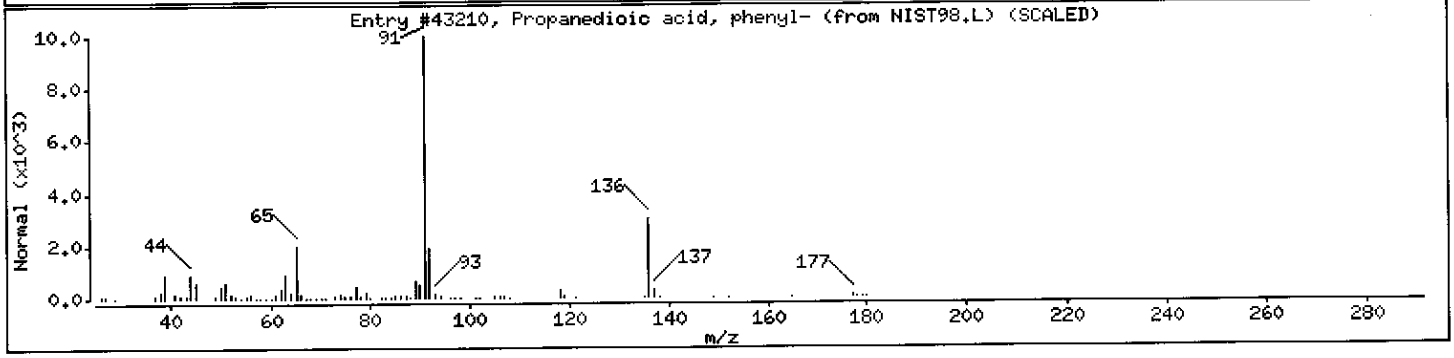
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzeneacetic acid	103-82-2	NIST98.L	15708	90	C8H8O2	136
Benzeneacetic acid, heptyl ester	39736-25-9	NIST98.L	78570	78	C15H22O2	234
Propanedioic acid, phenyl-	2613-89-0	NIST98.L	43210	59	C9H8O4	180









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

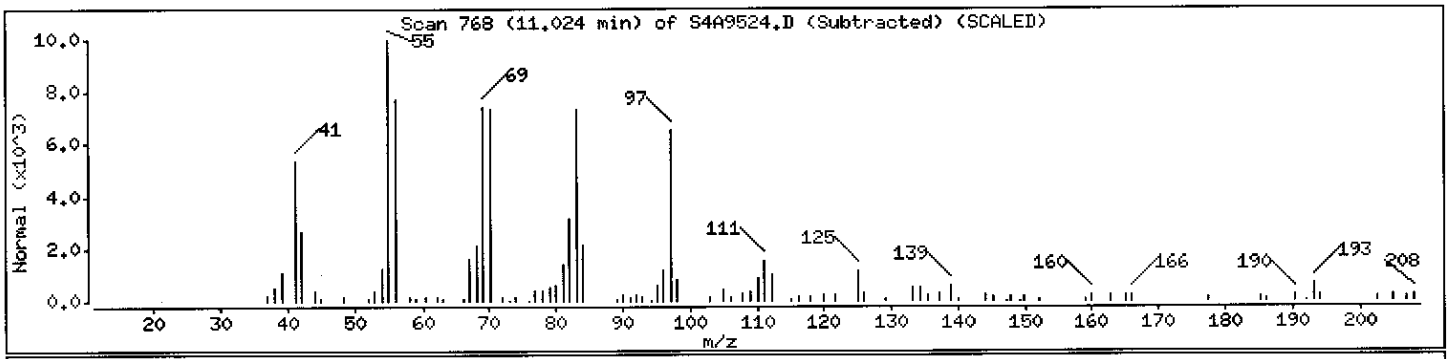
Volume Injected (uL): 2.0

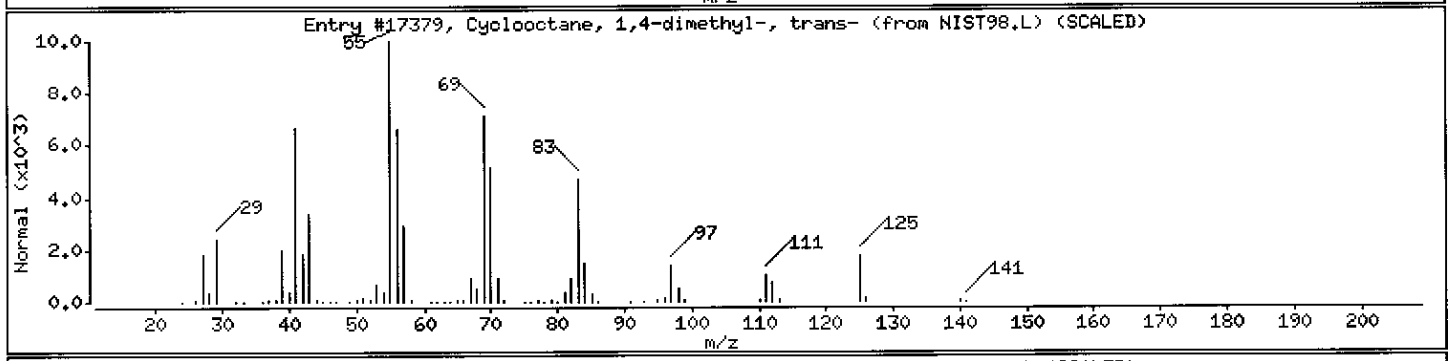
Operator: AW SRC: LIMS

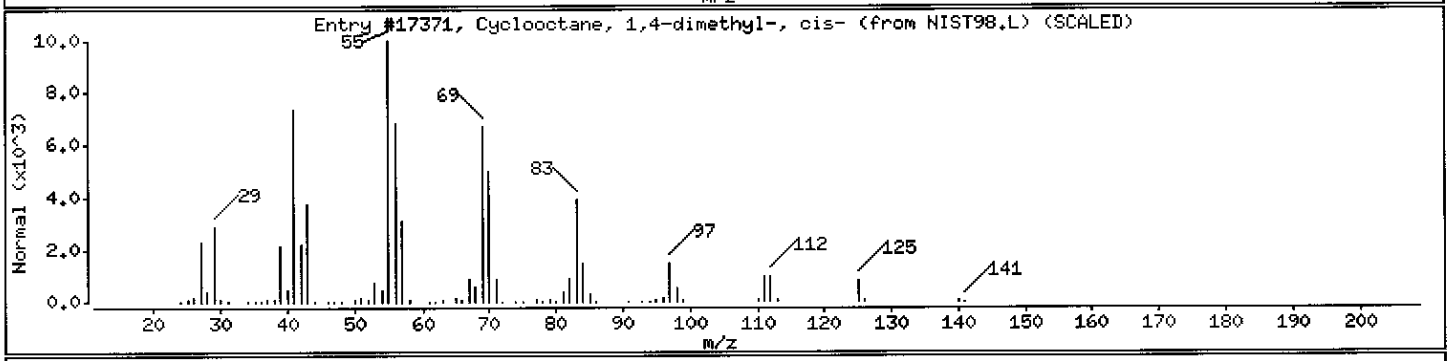
Column phase: DB-5MS

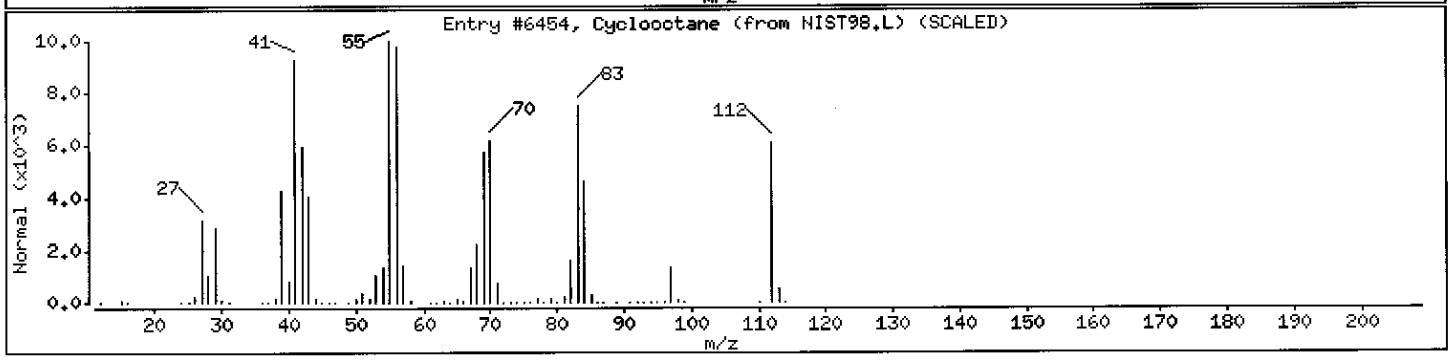
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Cyclooctane, 1,4-dimethyl-, trans-	13151-98-9	NIST98.L	17379	87	C10H20	140
Cyclooctane, 1,4-dimethyl-, cis-	13151-99-0	NIST98.L	17371	81	C10H20	140
Cyclooctane	292-64-8	NIST98.L	6454	74	C8H16	112









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9524.D

Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

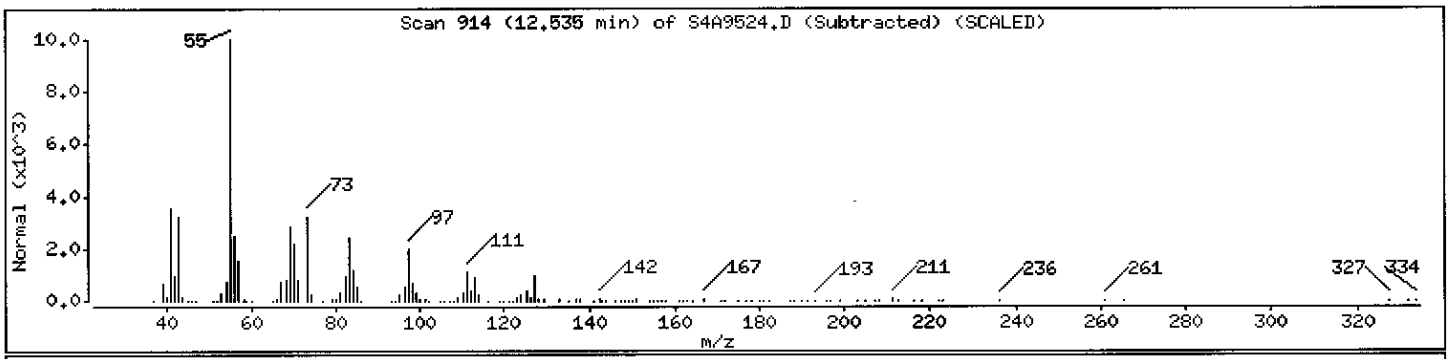
Volume Injected (uL): 2.0

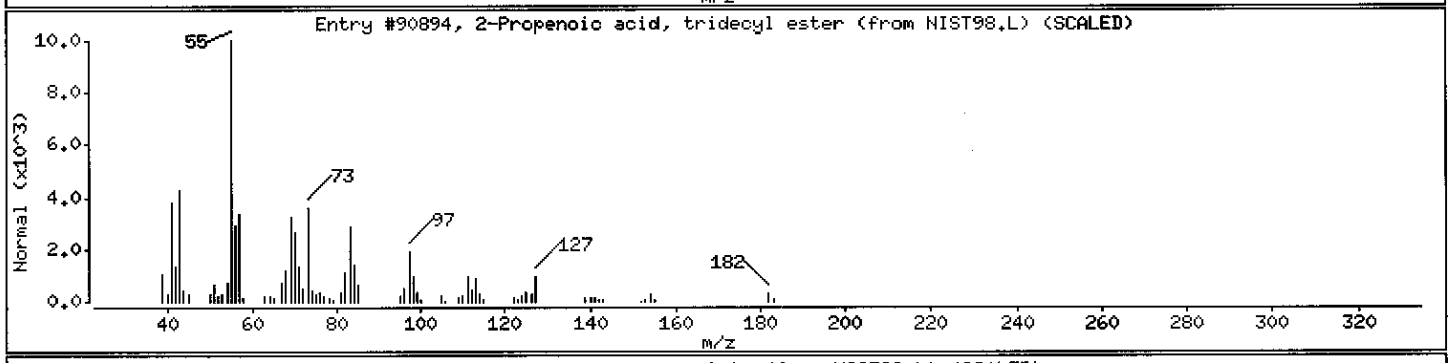
Operator: AW SRC: LIMS

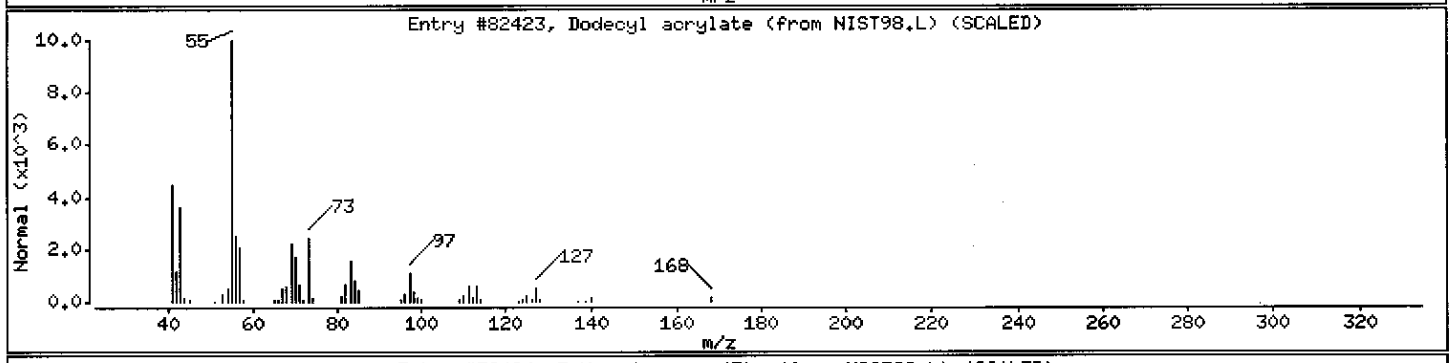
Column phase: DB-5MS

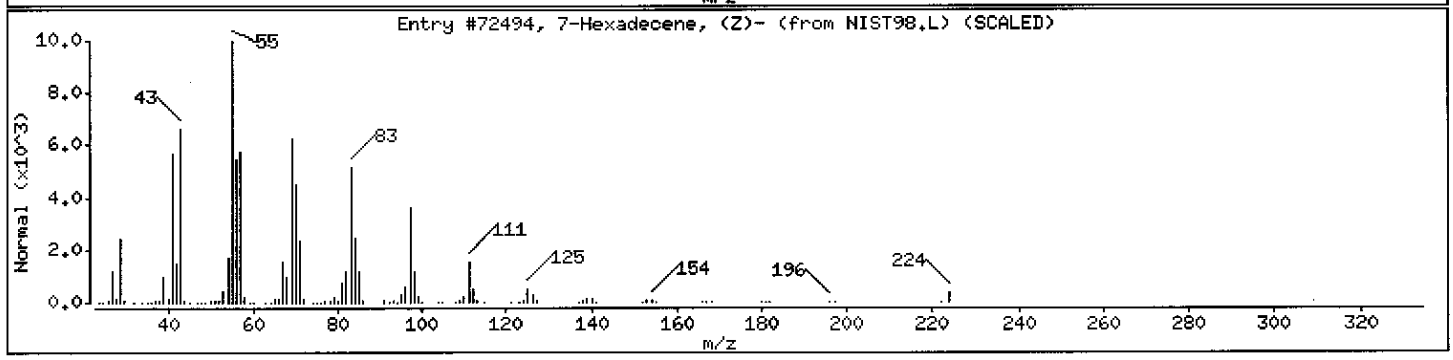
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Propenoic acid, tridecyl ester	3076-04-8	NIST98.L	90894	91	C16H3002	254
Dodecyl acrylate	2156-97-0	NIST98.L	82423	90	C15H2802	240
7-Hexadecene, (Z)-	35507-09-6	NIST98.L	72494	64	C16H32	224









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Date : 31-AUG-2005 12:53

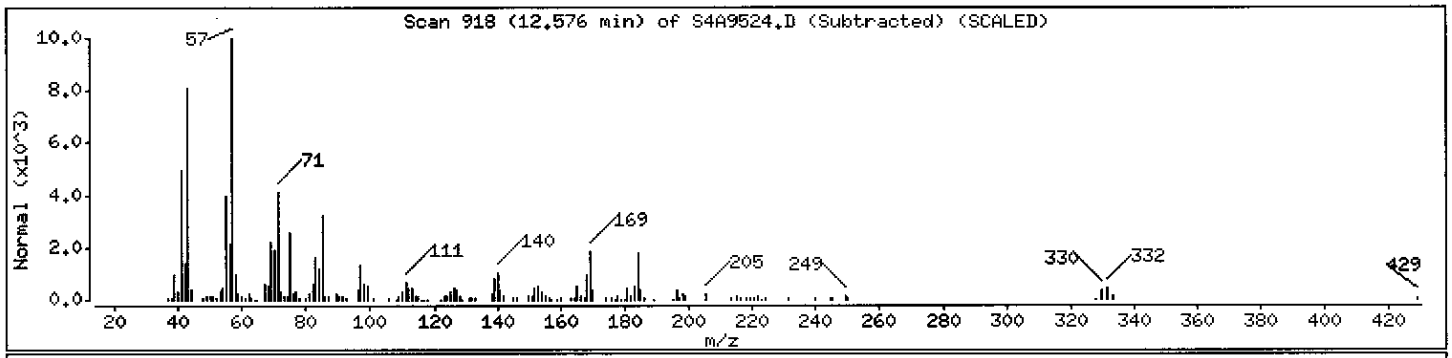
Client ID: SD07-S-MRE Instrument: S4.i

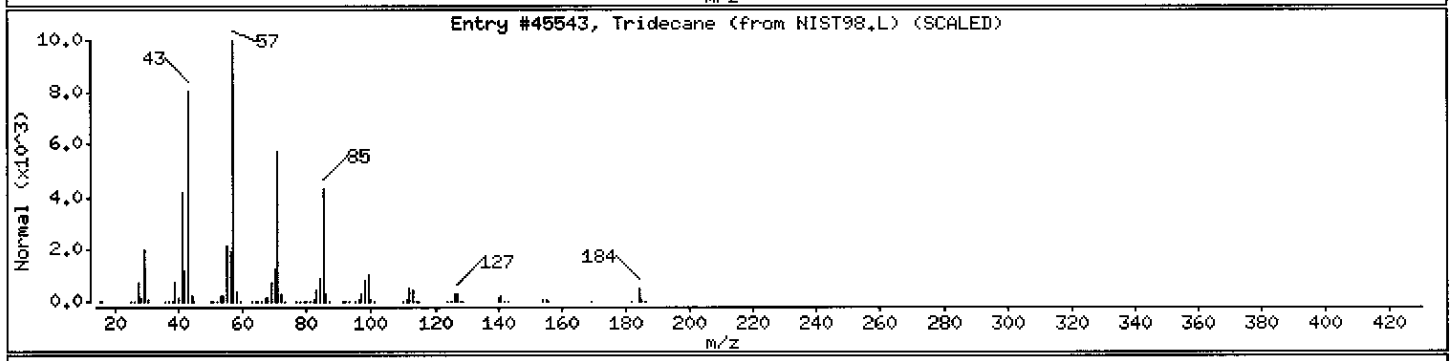
Sample Info: D0926-07ARE,,19676,,

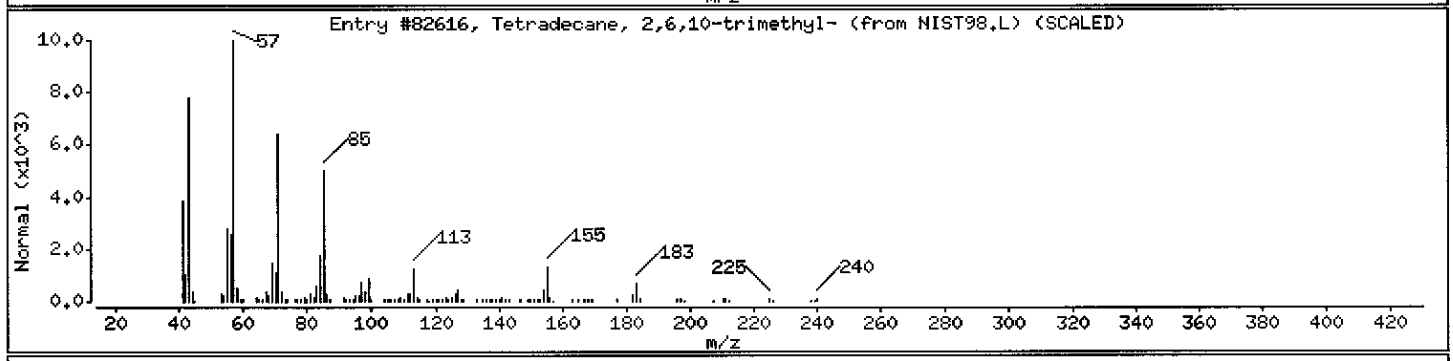
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

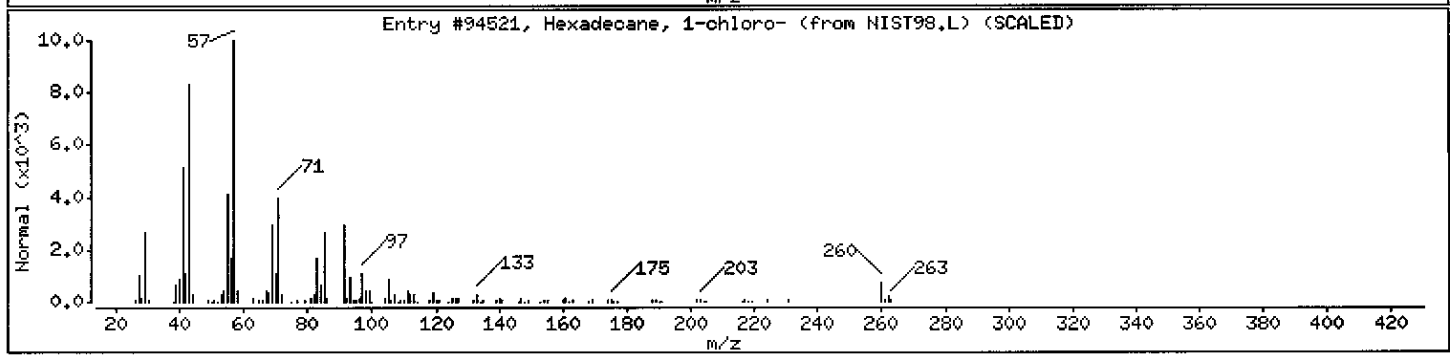
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Tridecane	629-50-5	NIST98.L	45543	70	C13H28	184
Tetradecane, 2,6,10-trimethyl-	14905-56-7	NIST98.L	82616	50	C17H36	240
Hexadecane, 1-chloro-	4860-03-1	NIST98.L	94521	49	C16H33Cl	260









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Date : 31-AUG-2005 12:53

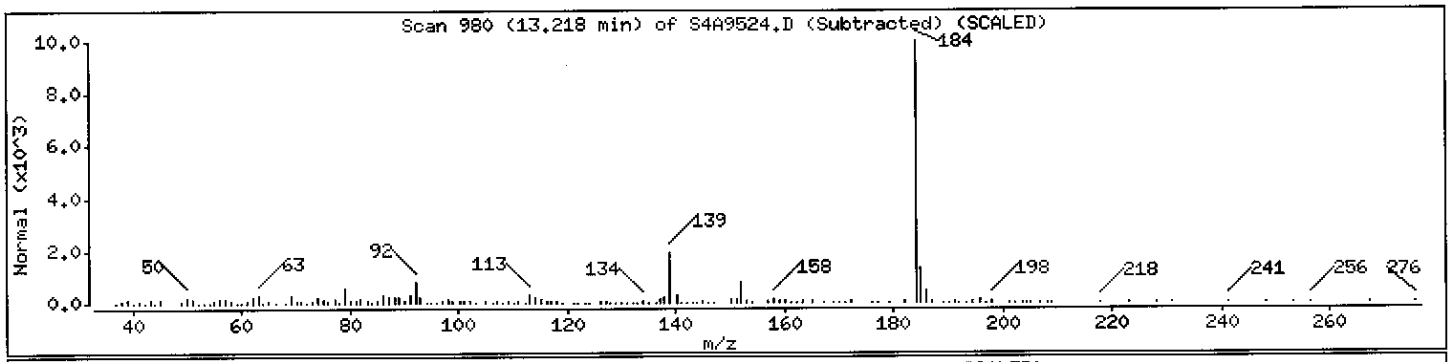
Client ID: SD07-S-MRE Instrument: S4.i

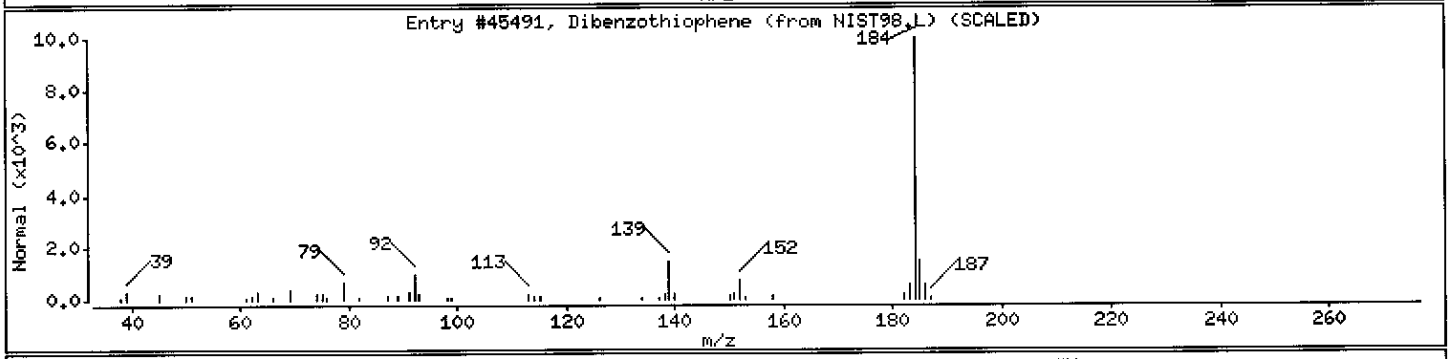
Sample Info: D0926-07ARE,,19676,,

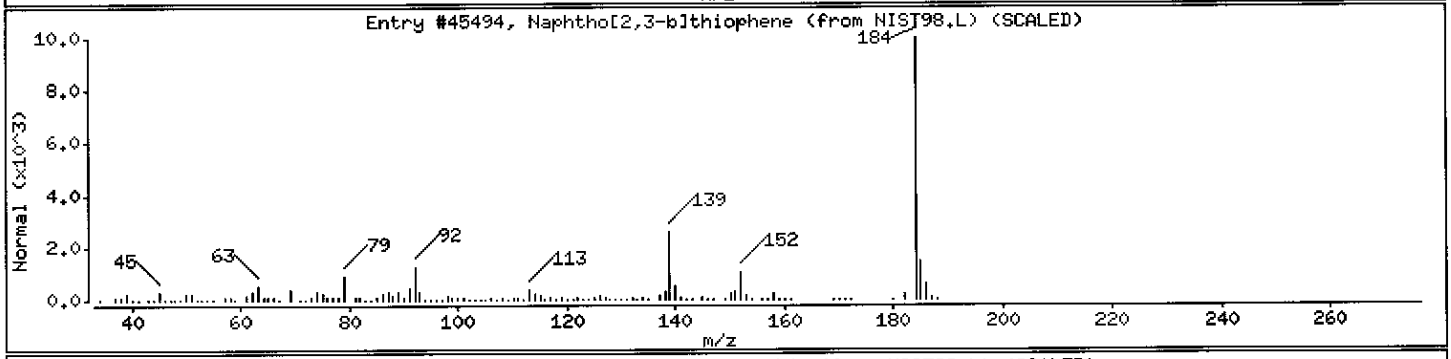
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

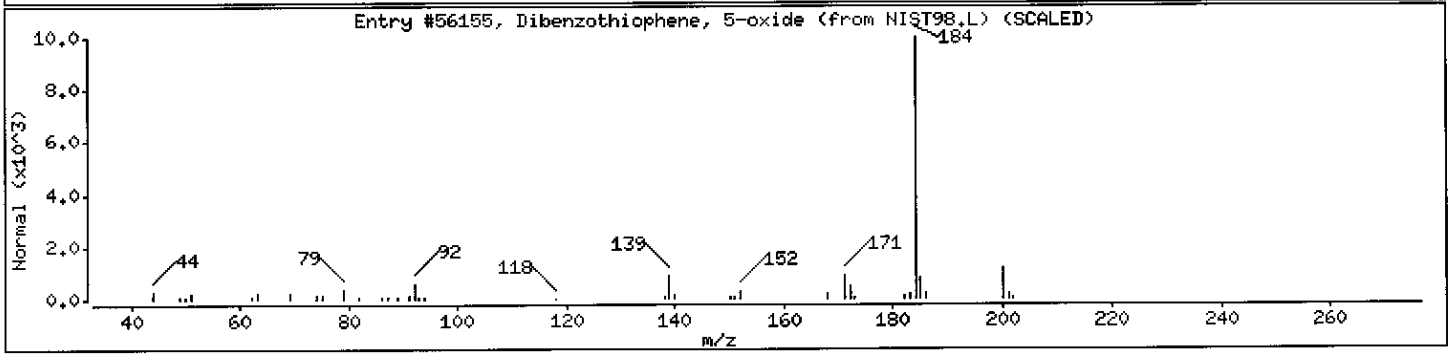
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dibenzothiophene	132-65-0	NIST98.L	45491	91	C12H8S	184
Naphtho[2,3-b]thiophene	268-77-9	NIST98.L	45494	87	C12H8S	184
Dibenzothiophene, 5-oxide	1013-23-6	NIST98.L	56155	78	C12H8OS	200









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Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

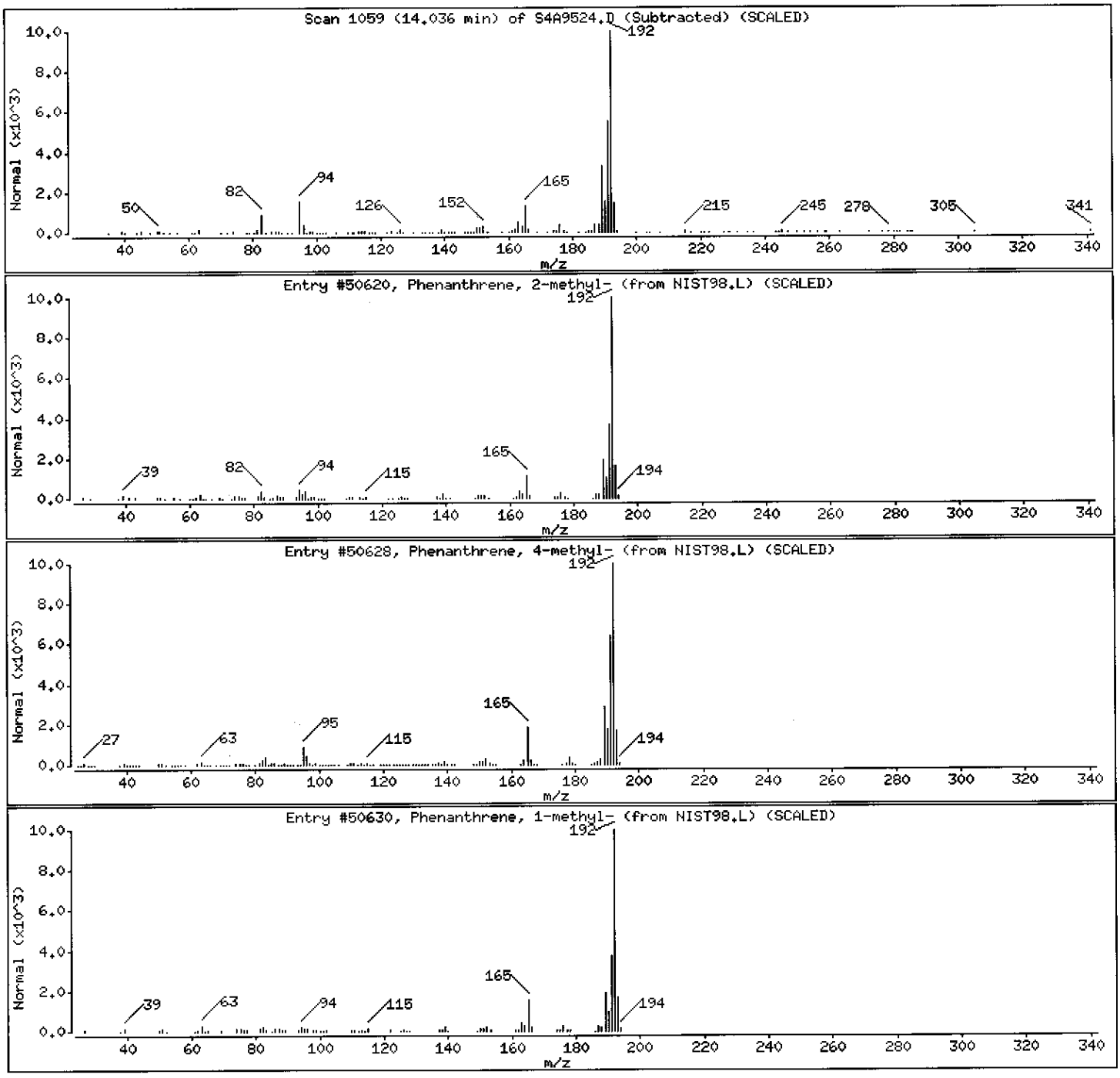
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 2-methyl-	2531-84-2	NIST98.L	50620	94	C15H12	192
Phenanthrene, 4-methyl-	832-64-4	NIST98.L	50628	94	C15H12	192
Phenanthrene, 1-methyl-	832-69-9	NIST98.L	50630	94	C15H12	192



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Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

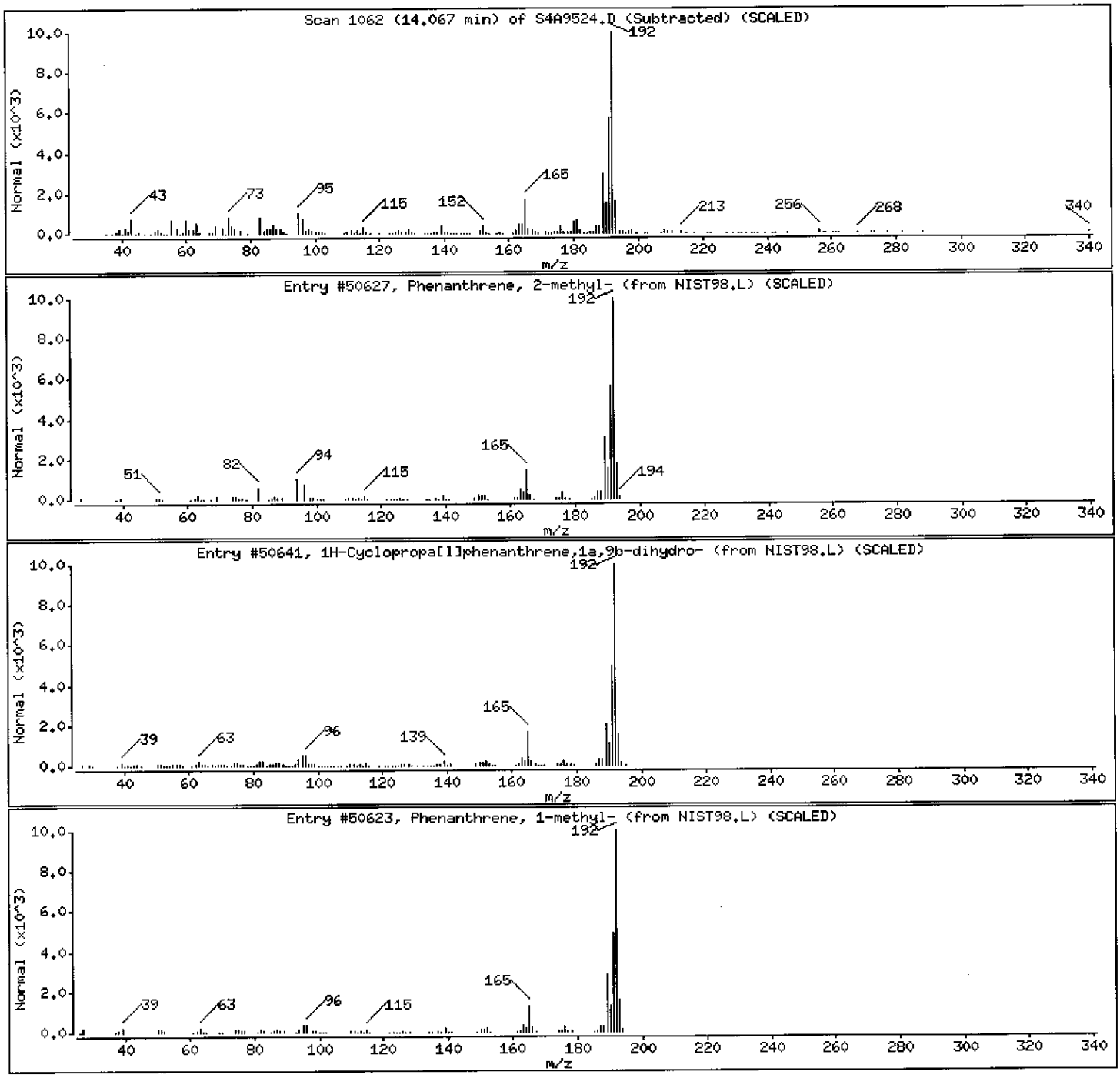
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 2-methyl-	2531-84-2	NIST98.L	50627	93	C15H12	192
1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd	949-41-7	NIST98.L	50641	93	C15H12	192
Phenanthrene, 1-methyl-	832-69-9	NIST98.L	50623	93	C15H12	192



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Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

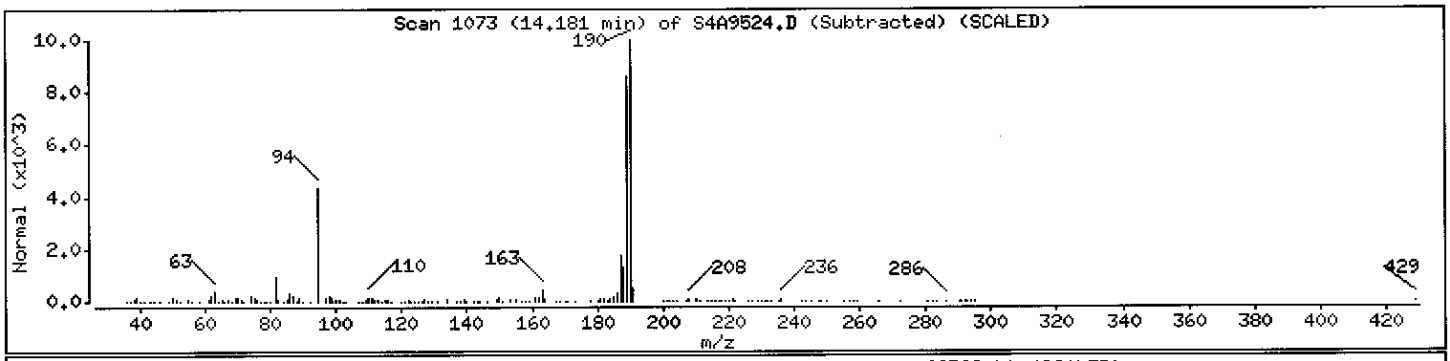
Volume Injected (uL): 2.0

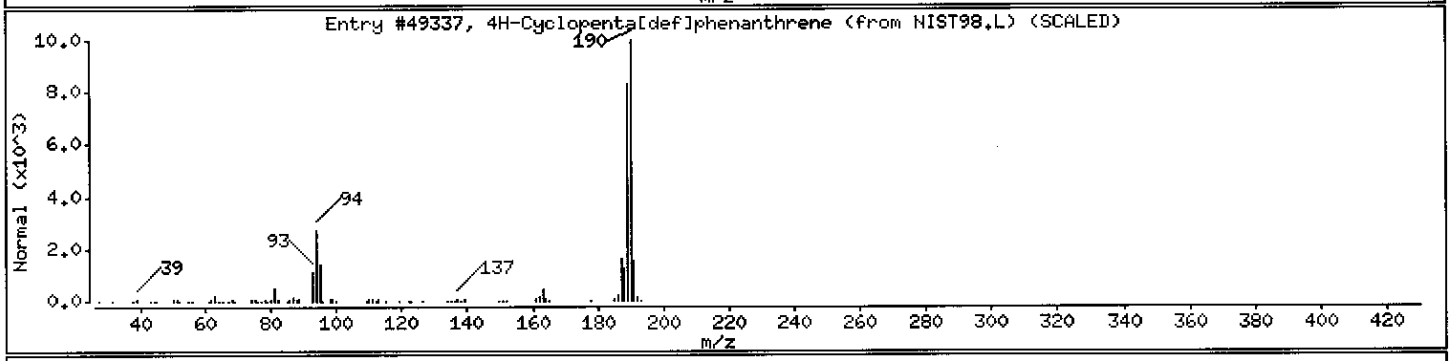
Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST98.L	49337	94	C15H10	190





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Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

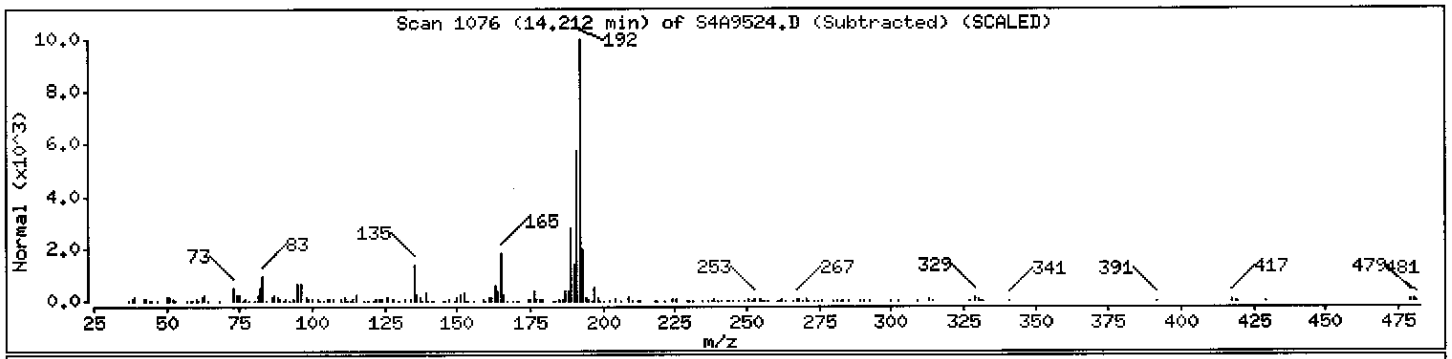
Volume Injected (uL): 2.0

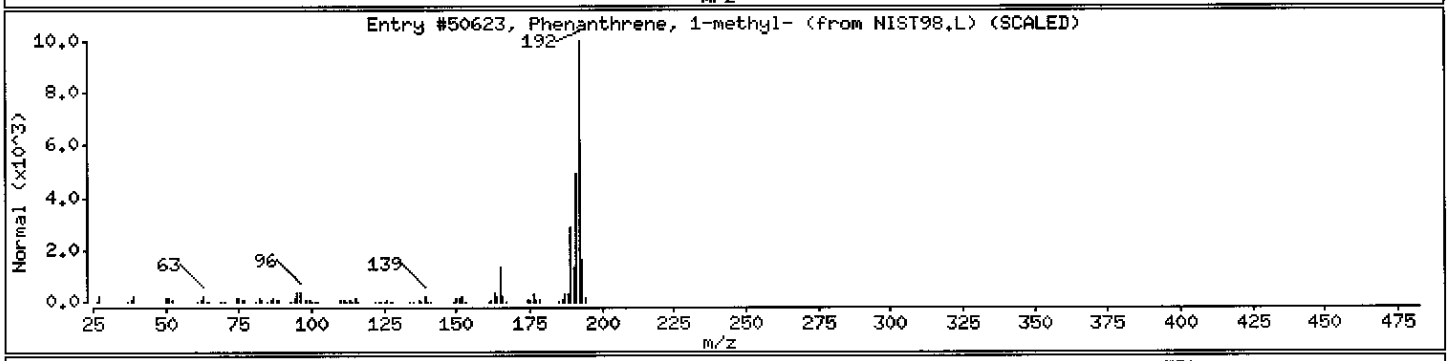
Operator: AW SRC: LIMS

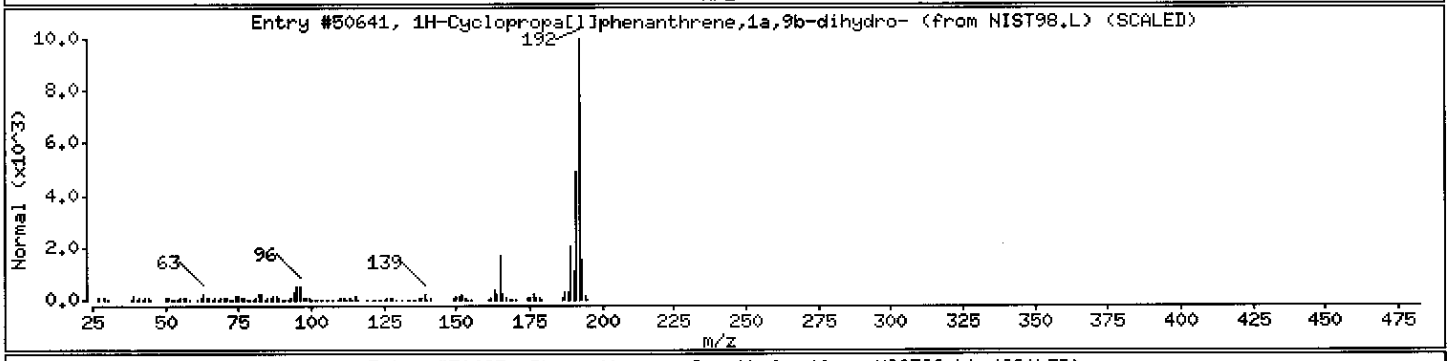
Column phase: DB-5MS

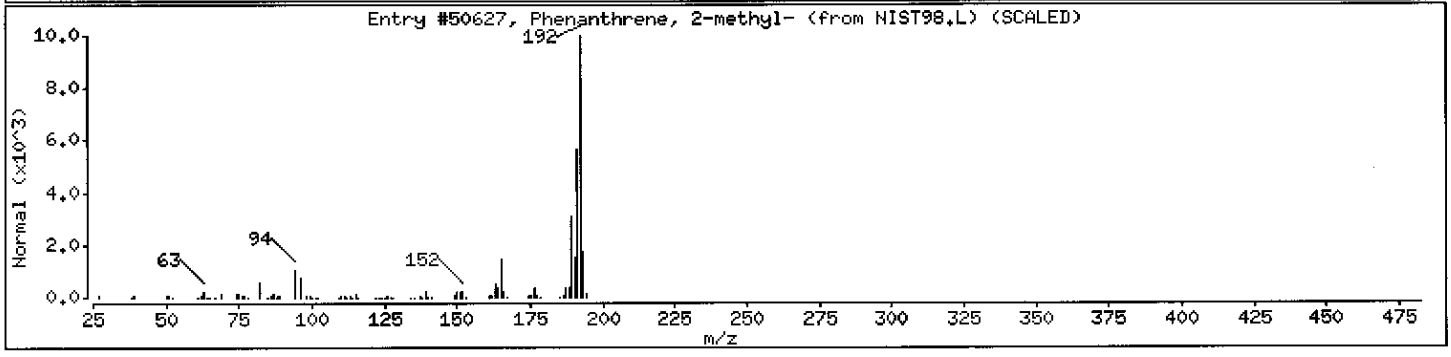
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 1-methyl-	832-69-9	NIST98.L	50623	98	C15H12	192
1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd	949-41-7	NIST98.L	50641	98	C15H12	192
Phenanthrene, 2-methyl-	2531-84-2	NIST98.L	50627	97	C15H12	192









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Date : 31-AUG-2005 12:53

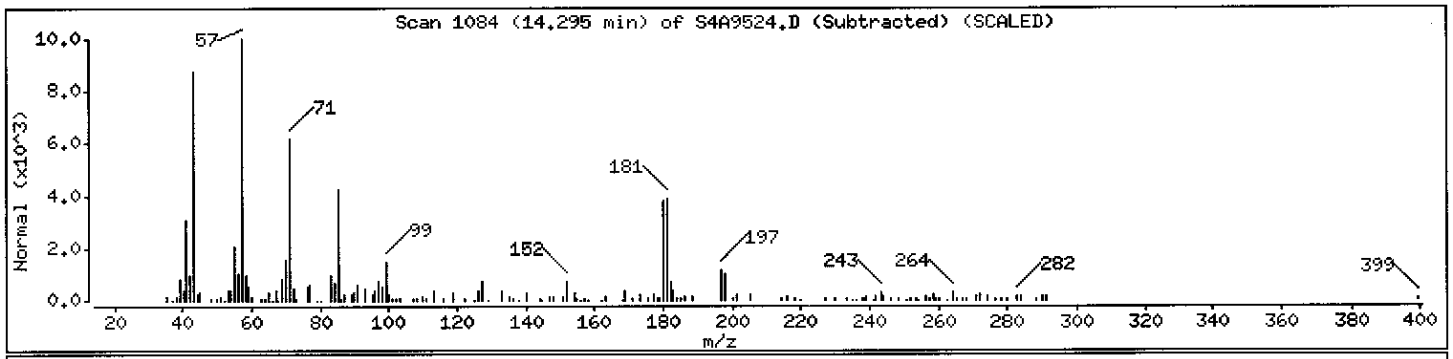
Client ID: SD07-S-MRE Instrument: S4.i

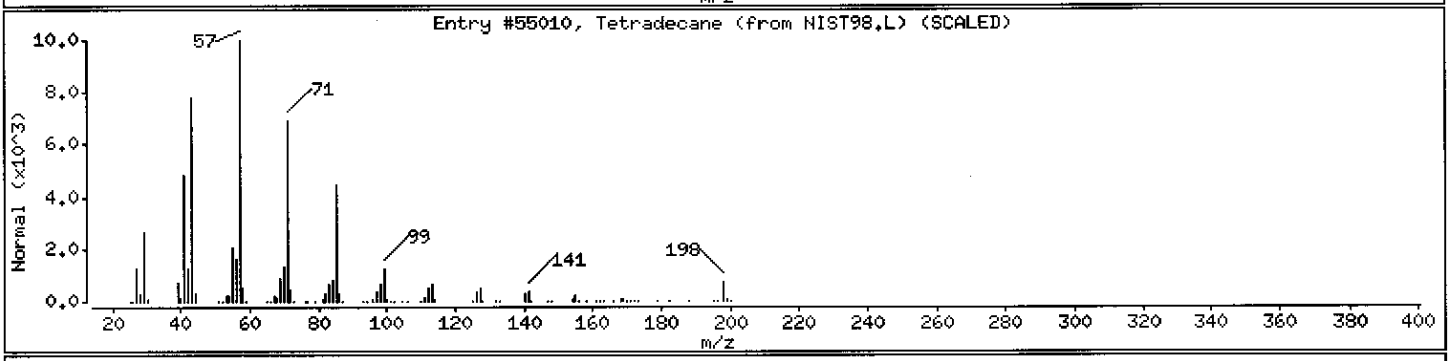
Sample Info: D0926-07ARE,,19676,,

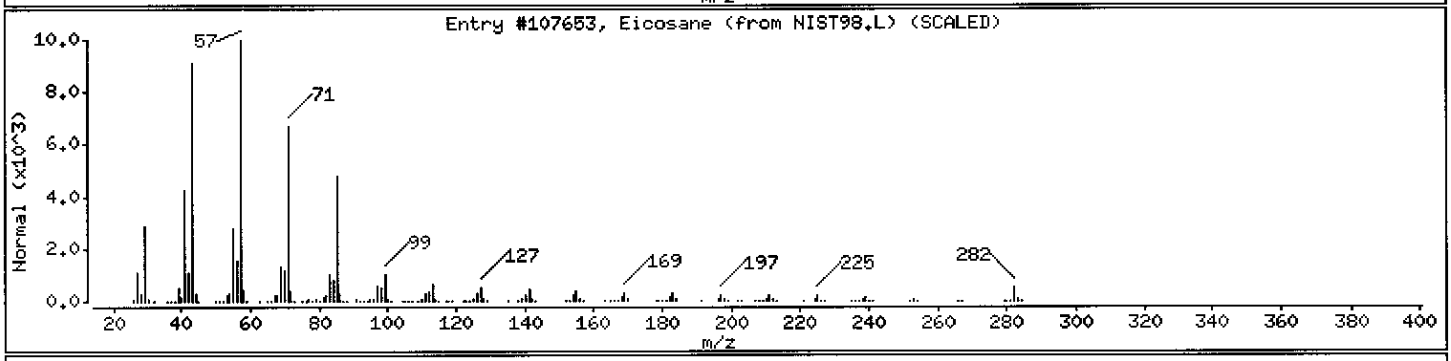
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

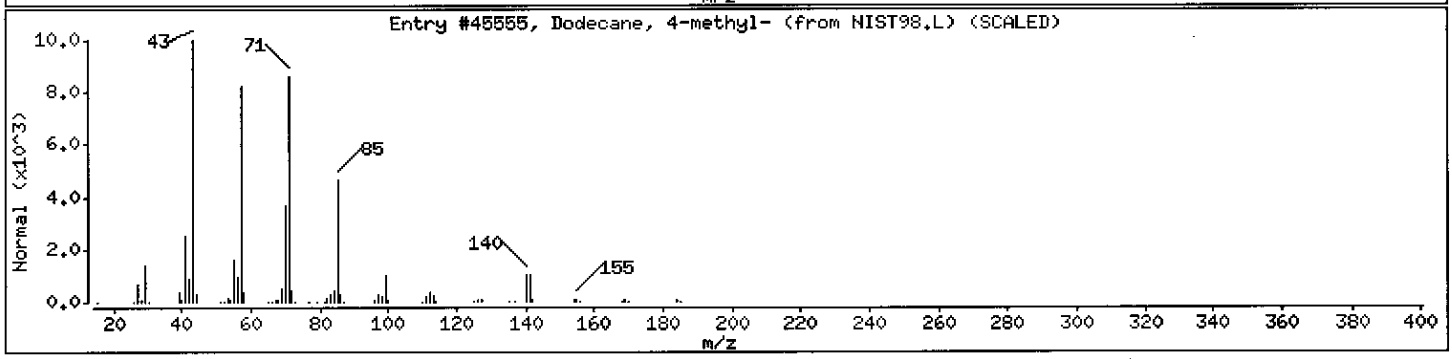
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Tetradecane	629-59-4	NIST98.L	55010	70	C14H30	198
Eicosane	112-95-8	NIST98.L	107653	50	C20H42	282
Dodecane, 4-methyl-	6117-97-1	NIST98.L	45555	46	C13H28	184









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Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

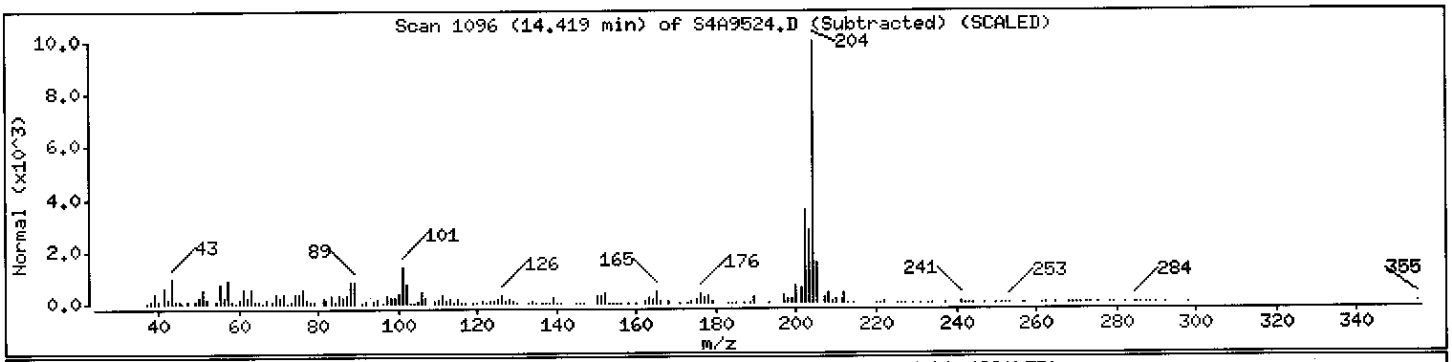
Volume Injected (uL): 2.0

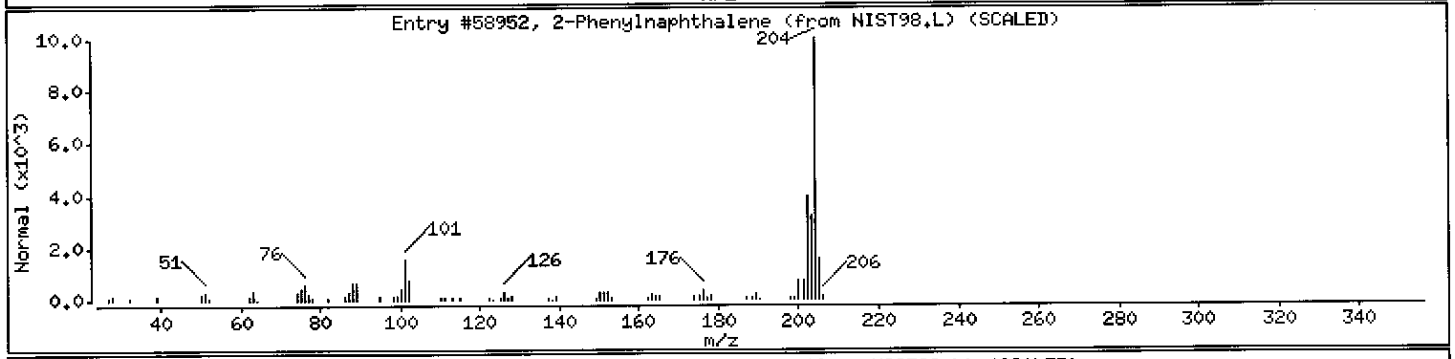
Operator: AW SRC: LIMS

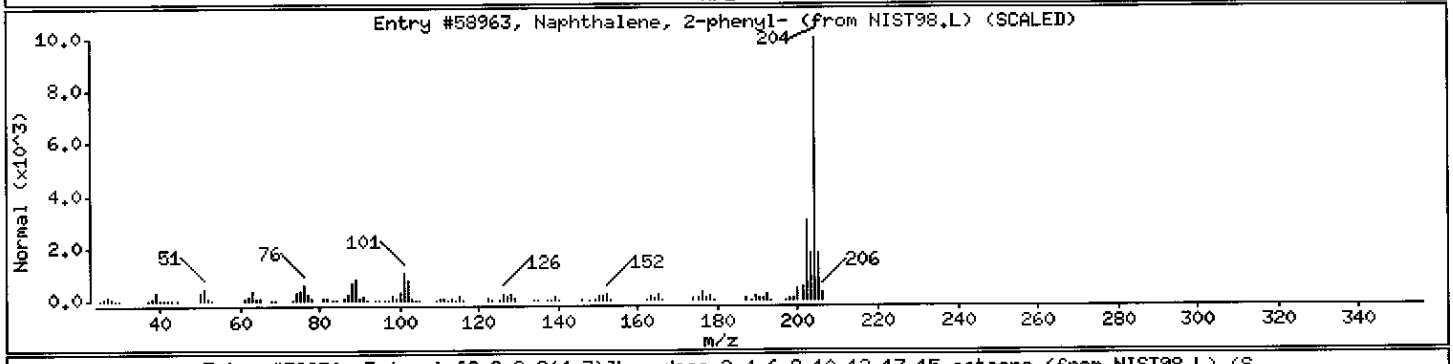
Column phase: DB-5MS

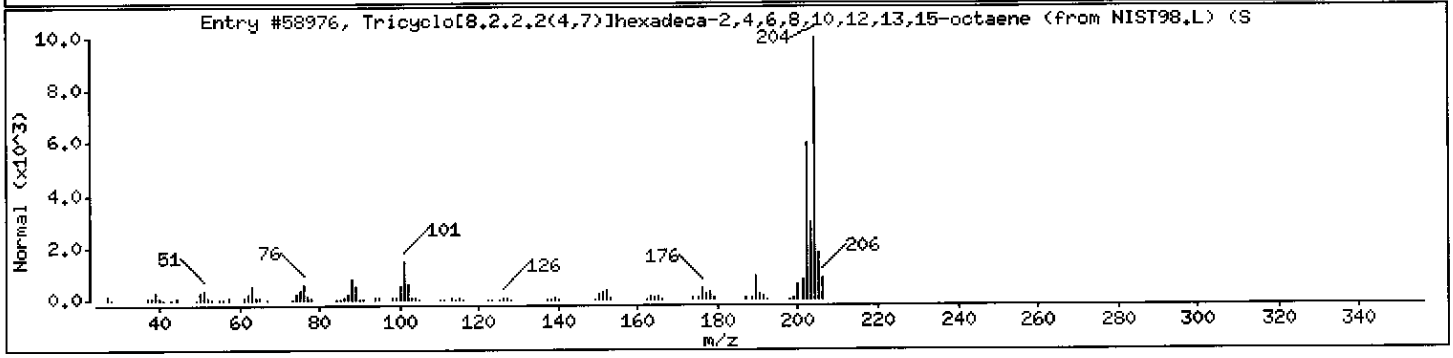
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Phenylnaphthalene	35465-71-5	NIST98.L	58952	96	C16H12	204
Naphthalene, 2-phenyl-	612-94-2	NIST98.L	58963	93	C16H12	204
Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8,1	6572-60-7	NIST98.L	58976	90	C16H12	204









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Date : 31-AUG-2005 12:53

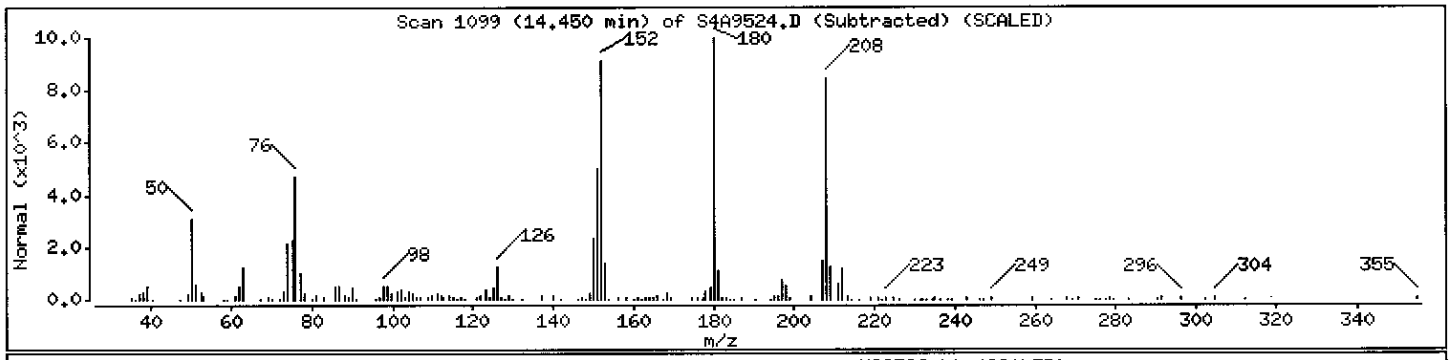
Client ID: SD07-S-MRE Instrument: S4.i

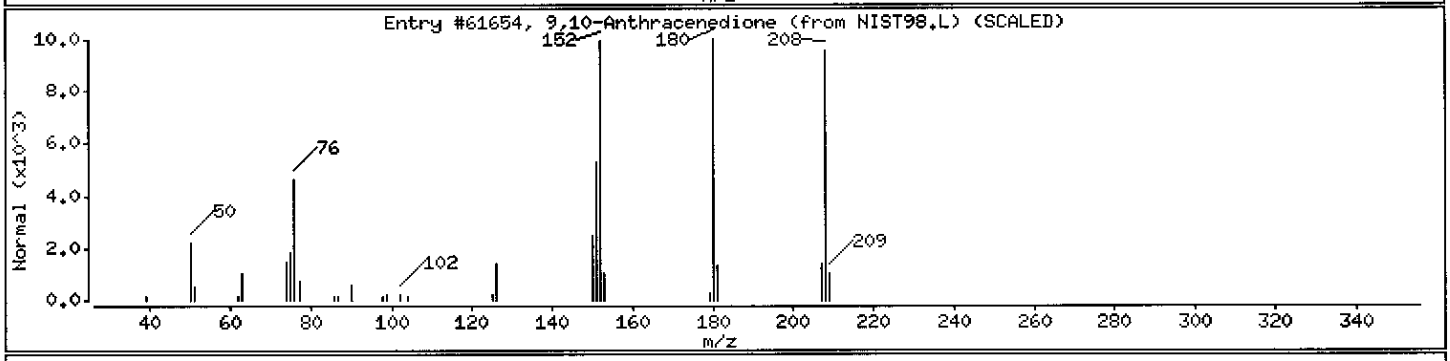
Sample Info: D0926-07ARE,,19676,,

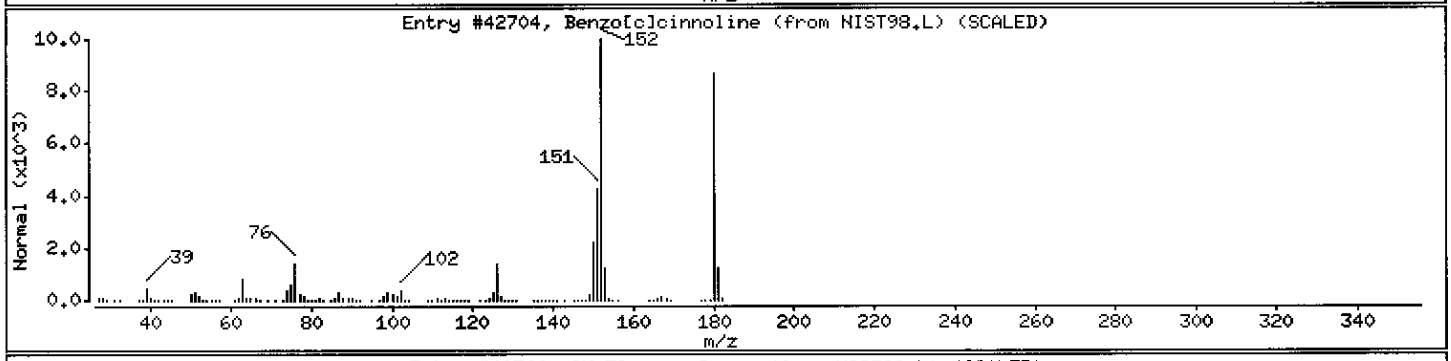
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

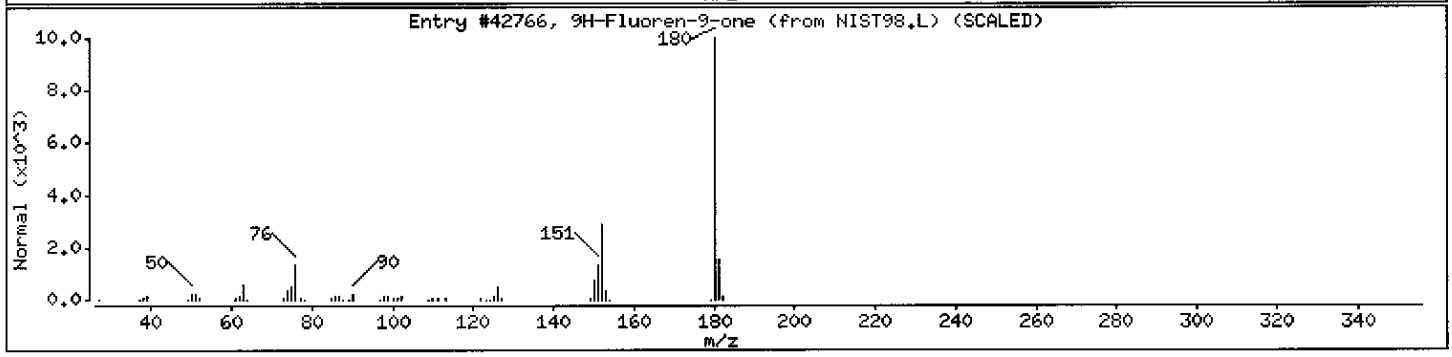
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
9,10-Anthracenedione	84-65-1	NIST98.L	61654	98	C14H8O2	208
Benzo[c]cinnoline	230-17-1	NIST98.L	42704	95	C12H8N2	180
9H-Fluoren-9-one	486-25-9	NIST98.L	42766	62	C13H8O	180









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Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

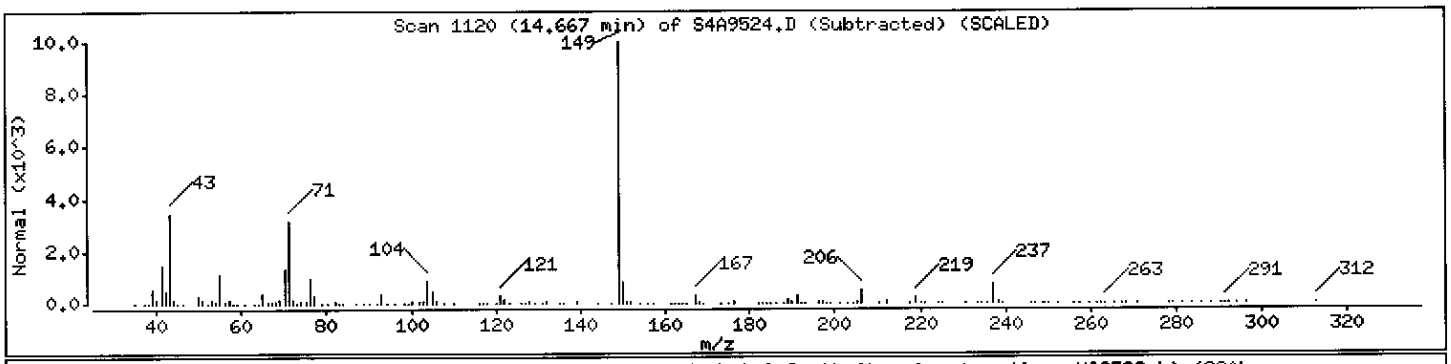
Volume Injected (uL): 2.0

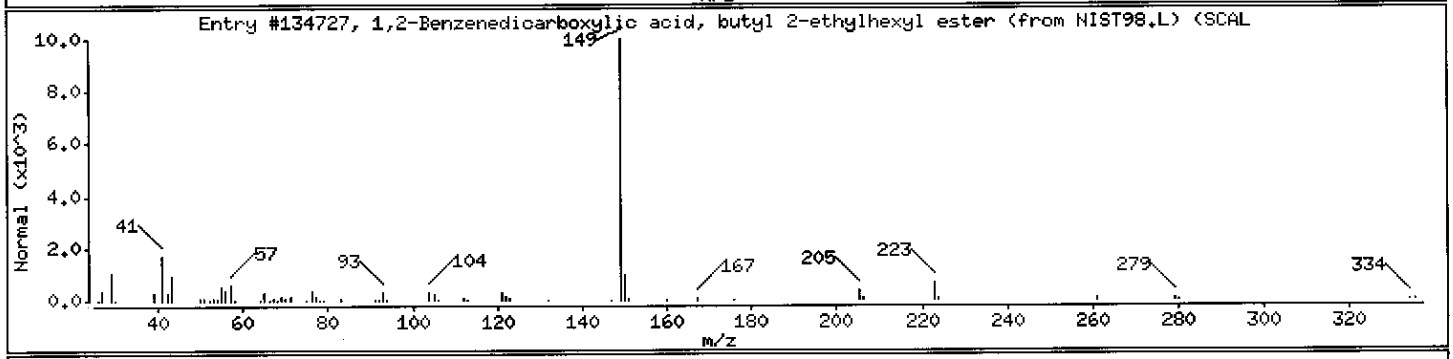
Operator: AW SRC: LIMS

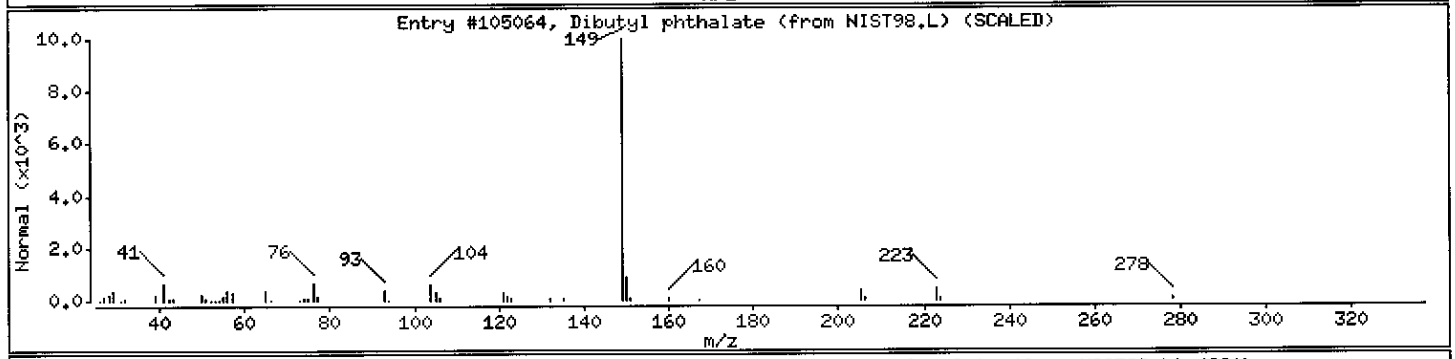
Column phase: DB-5MS

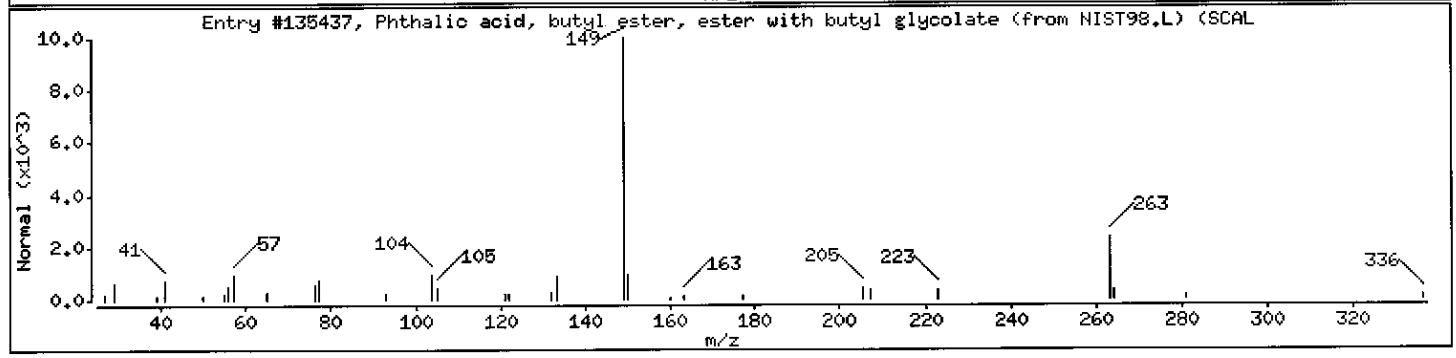
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1,2-Benzenedicarboxylic acid, butyl 2-et	85-69-8	NIST98.L	134727	50	C20H3004	334
Dibutyl phthalate (not BY RT)	84-74-2	NIST98.L	105064	50	C16H2204	278
Phthalic acid, butyl ester, ester with b	85-70-1	NIST98.L	135437	50	C18H2406	336









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Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

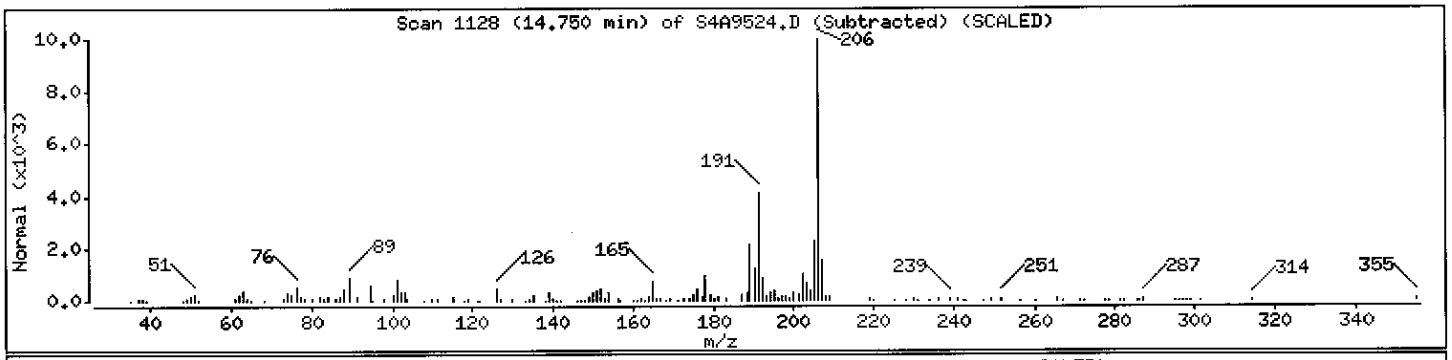
Volume Injected (uL): 2.0

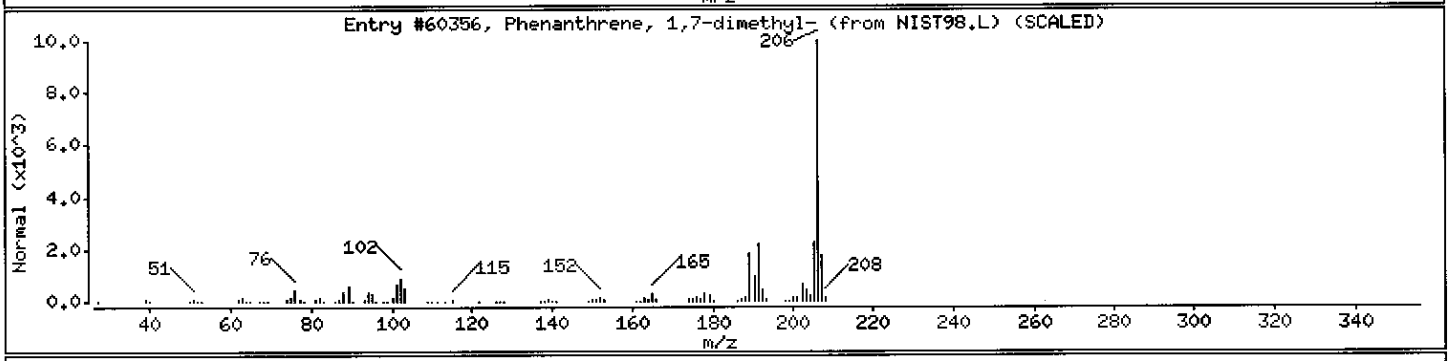
Operator: AW SRC: LIMS

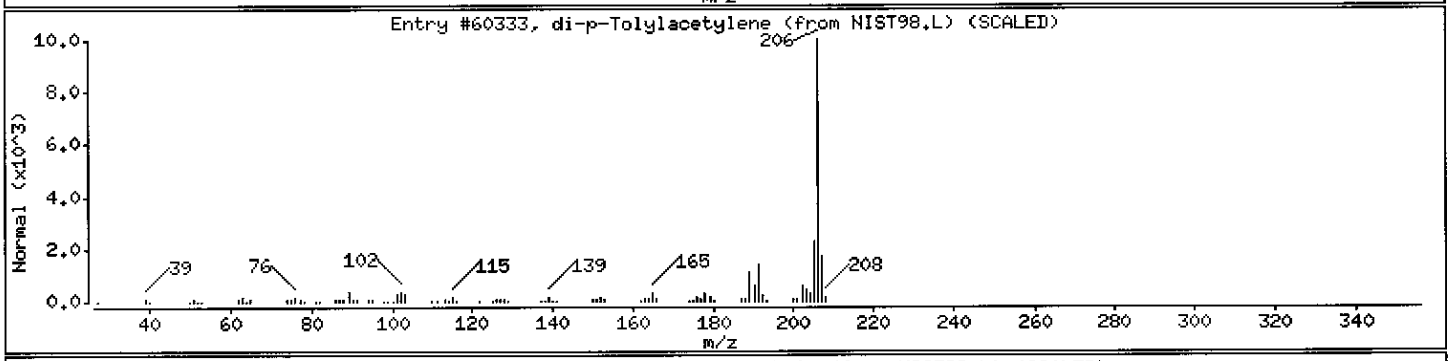
Column phase: DB-5MS

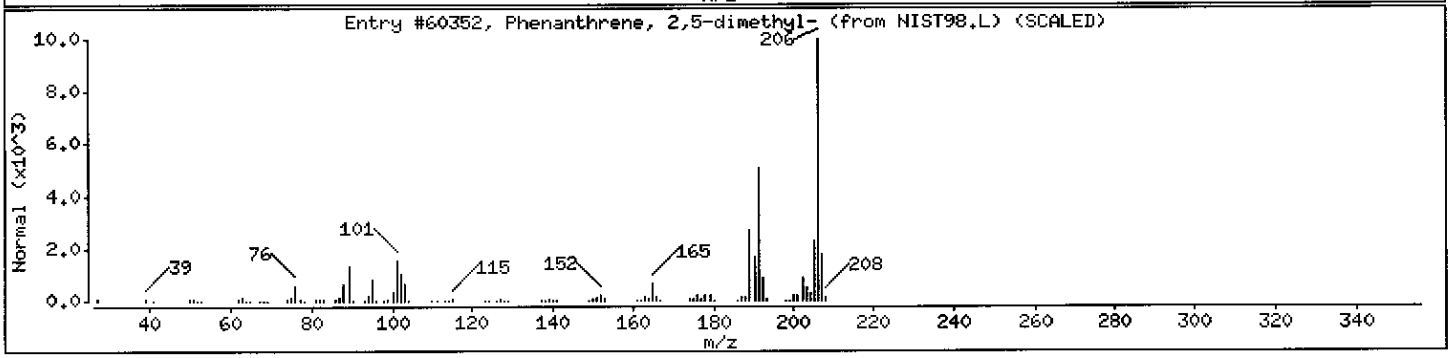
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 1,7-dimethyl-	483-87-4	NIST98.L	60356	93	C16H14	206
di-p-Tolylacetylene	2789-88-0	NIST98.L	60333	93	C16H14	206
Phenanthrene, 2,5-dimethyl-	3674-66-6	NIST98.L	60352	93	C16H14	206









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Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

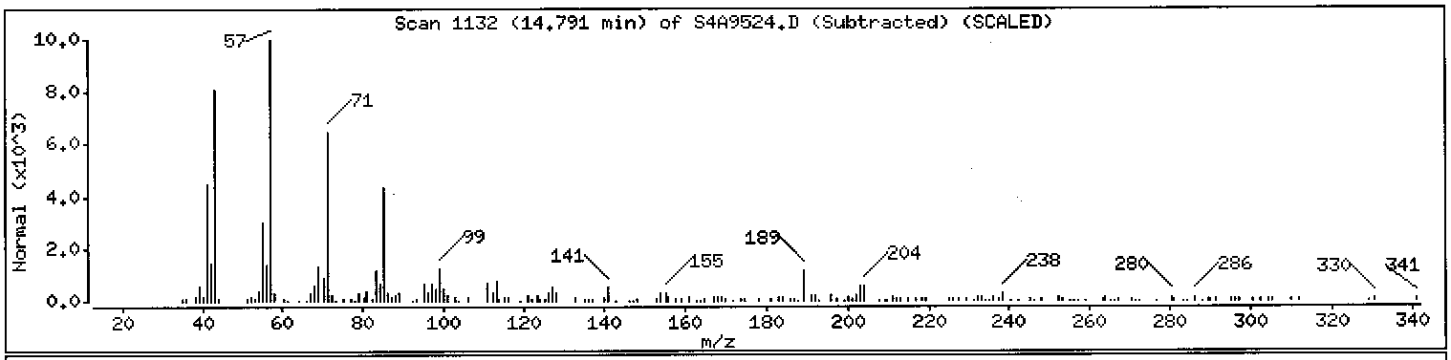
Volume Injected (uL): 2.0

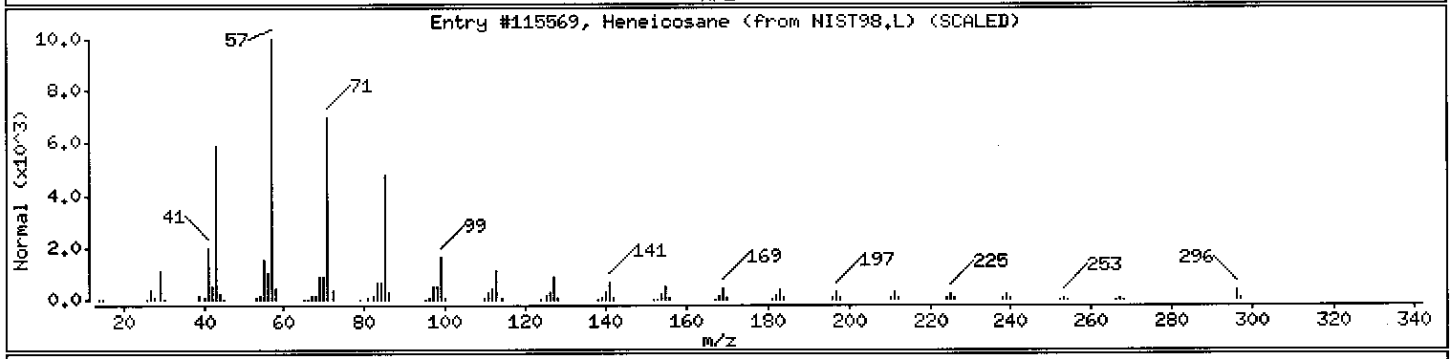
Operator: AW SRC: LIMS

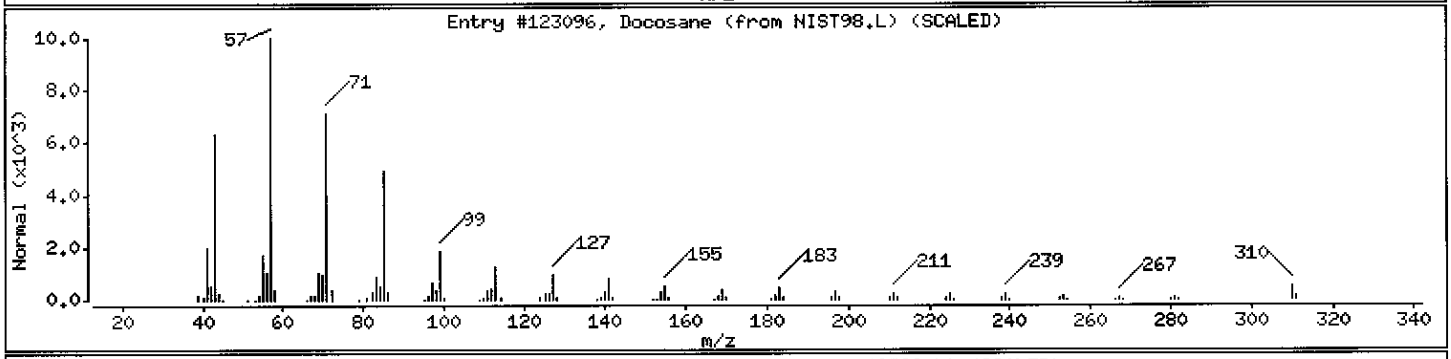
Column phase: DB-5MS

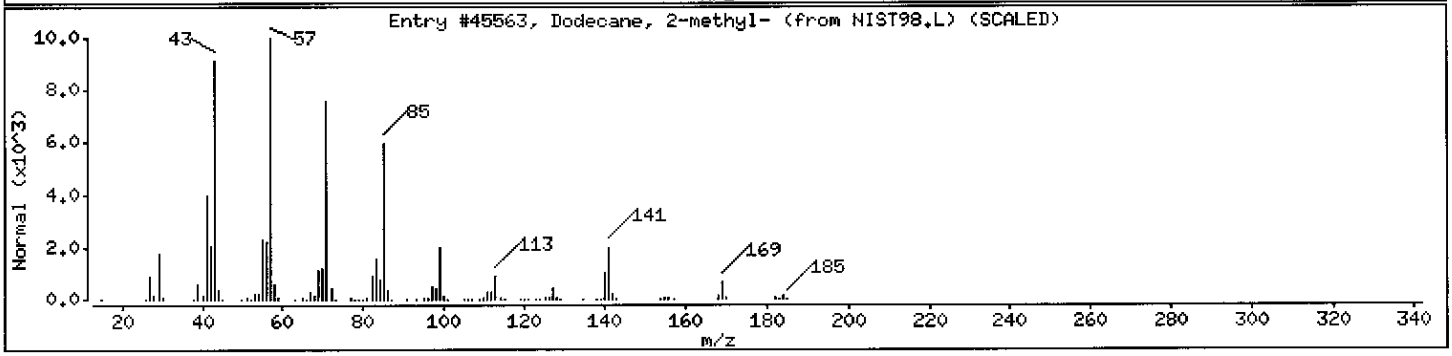
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Heneicosane	629-94-7	NIST98.L	115569	90	C21H44	296
Docosane	629-97-0	NIST98.L	123096	90	C22H46	310
Dodecane, 2-methyl-	1560-97-0	NIST98.L	45563	89	C13H28	184









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Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

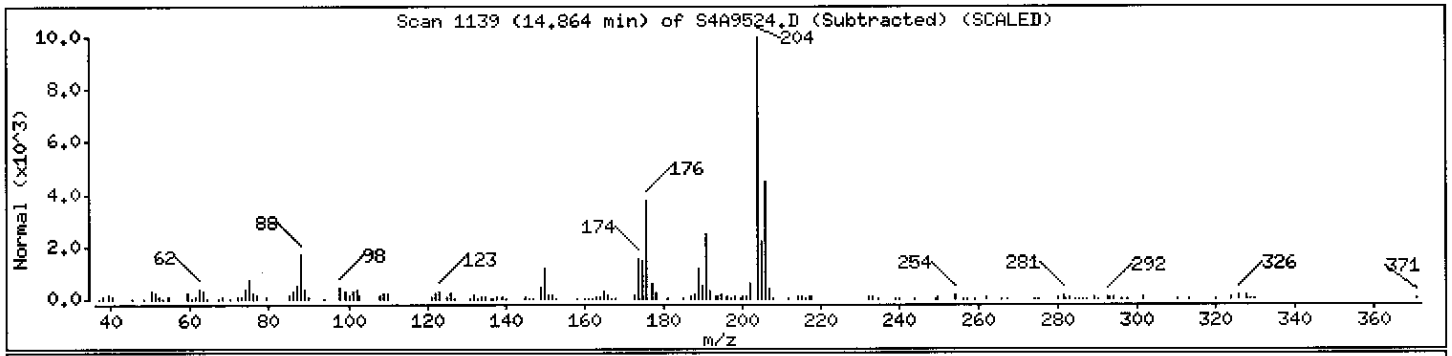
Volume Injected (uL): 2.0

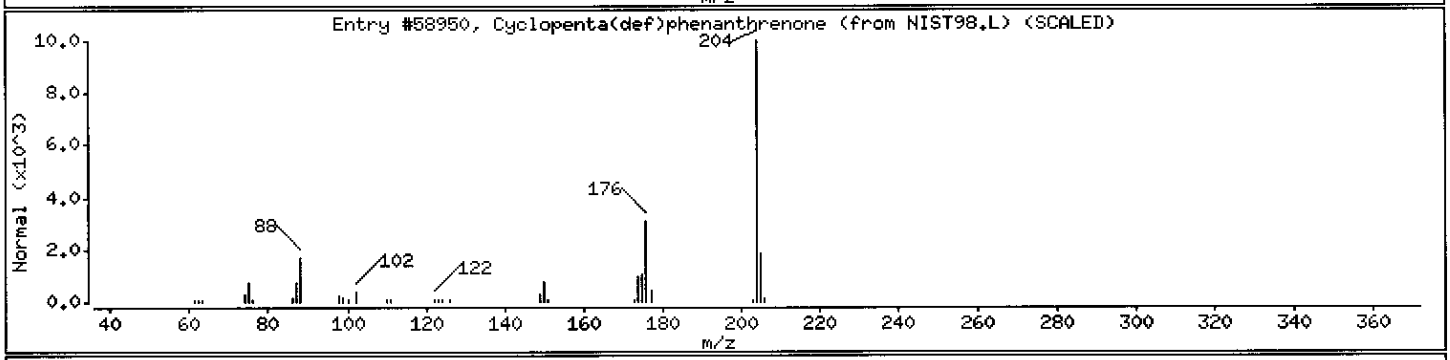
Operator: AW SRC: LIMS

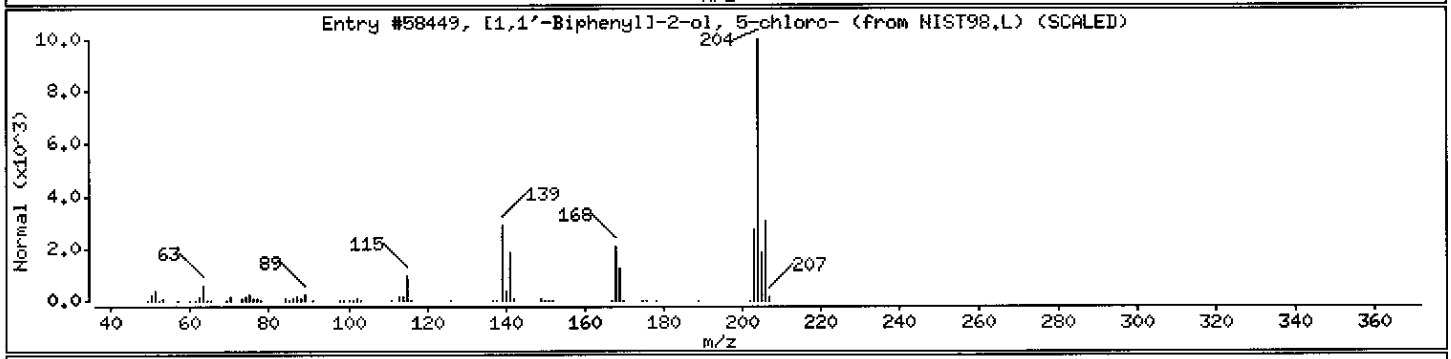
Column phase: DB-5MS

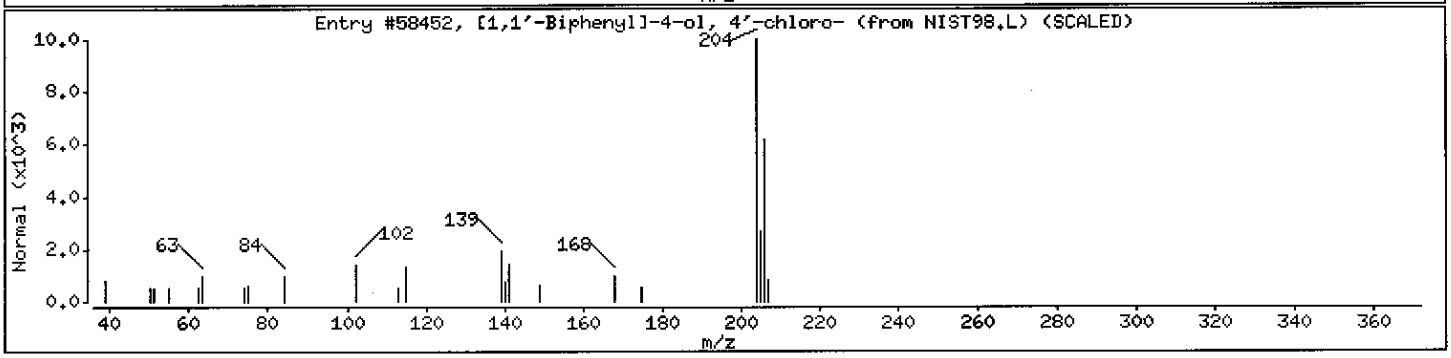
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclopenta(def)phenanthrenone	5737-13-3	NIST98.L	58950	70	C15H8O	204
[1,1'-Biphenyl]-2-ol, 5-chloro-	607-12-5	NIST98.L	58449	47	C12H9ClO	204
[1,1'-Biphenyl]-4-ol, 4'-chloro-	28034-99-3	NIST98.L	58452	47	C12H9ClO	204









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Date : 31-AUG-2005 12:53

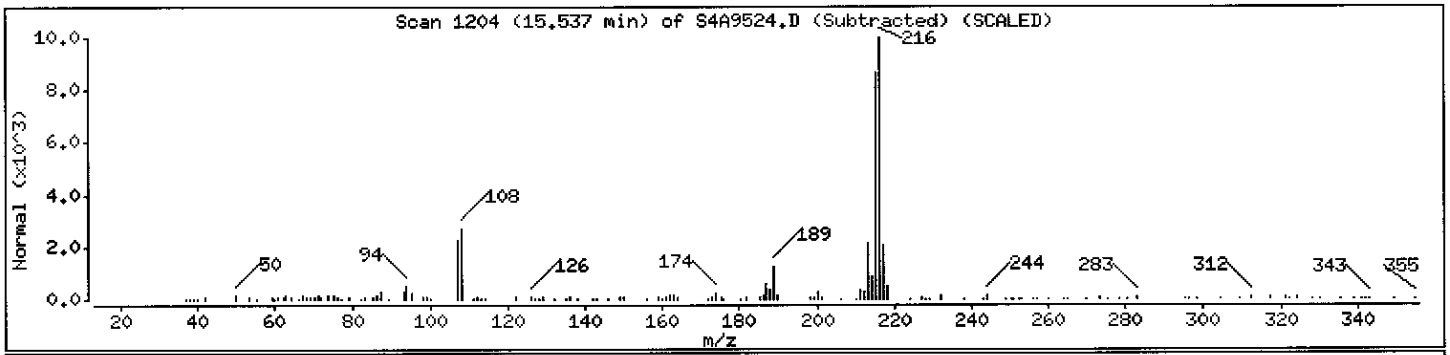
Client ID: SD07-S-MRE Instrument: S4.i

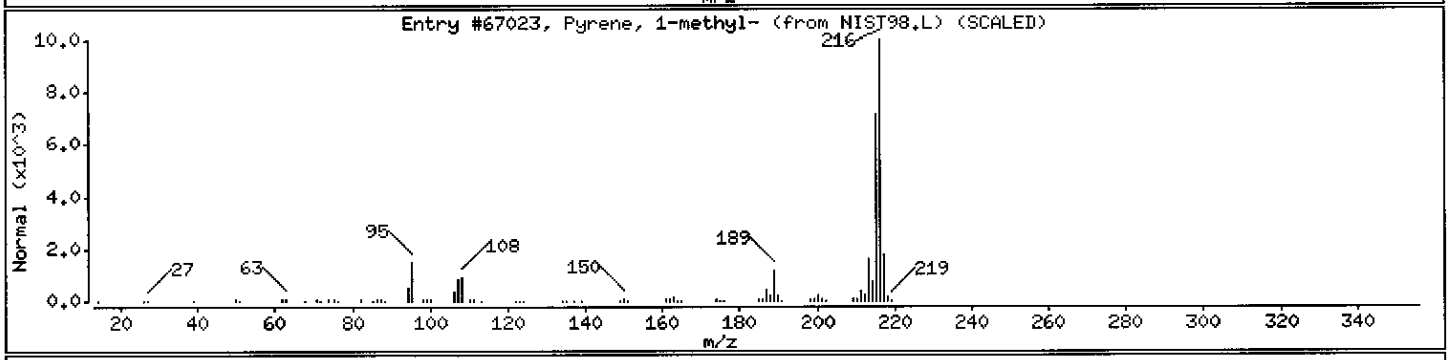
Sample Info: D0926-07ARE,,19676,,

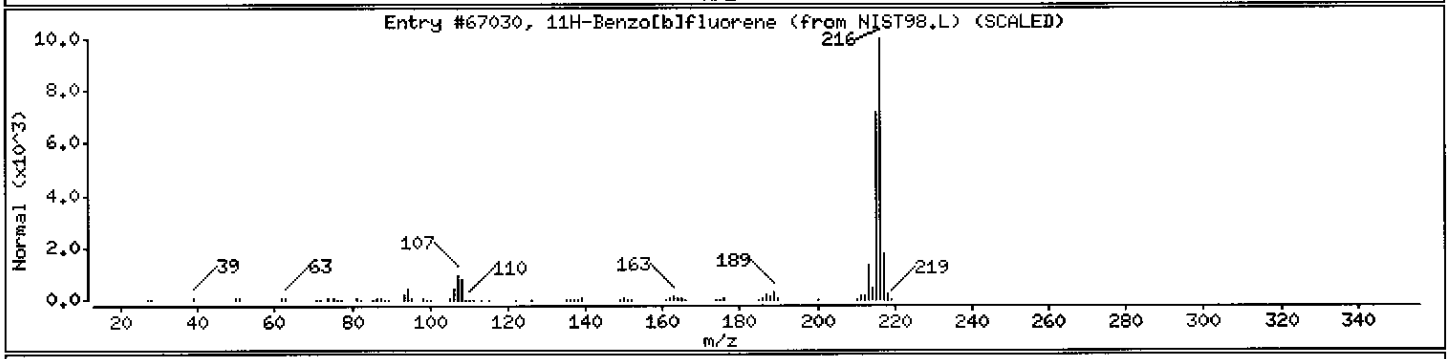
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

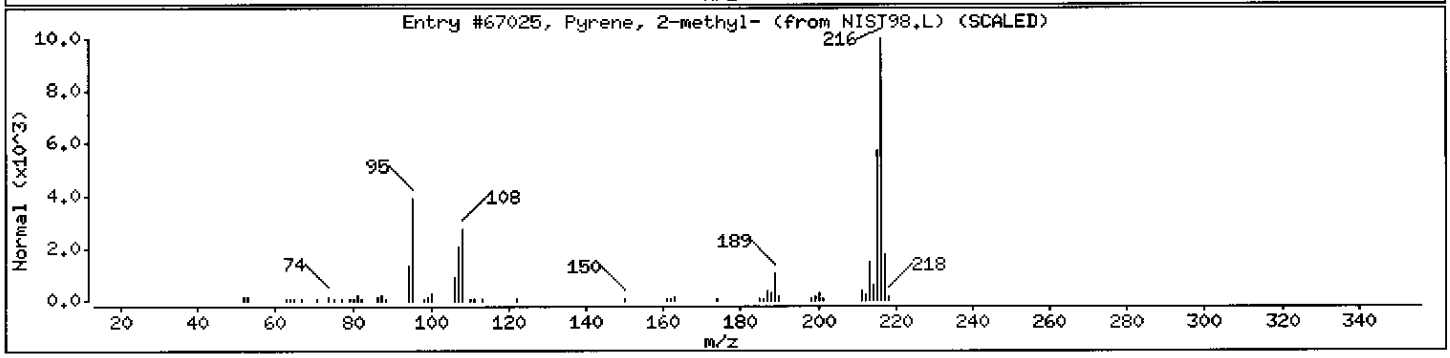
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pyrene, 1-methyl-	2381-21-7	NIST98.L	67023	95	C17H12	216
11H-Benzo[b]fluorene	243-17-4	NIST98.L	67030	94	C17H12	216
Pyrene, 2-methyl-	3442-78-2	NIST98.L	67025	93	C17H12	216









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Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

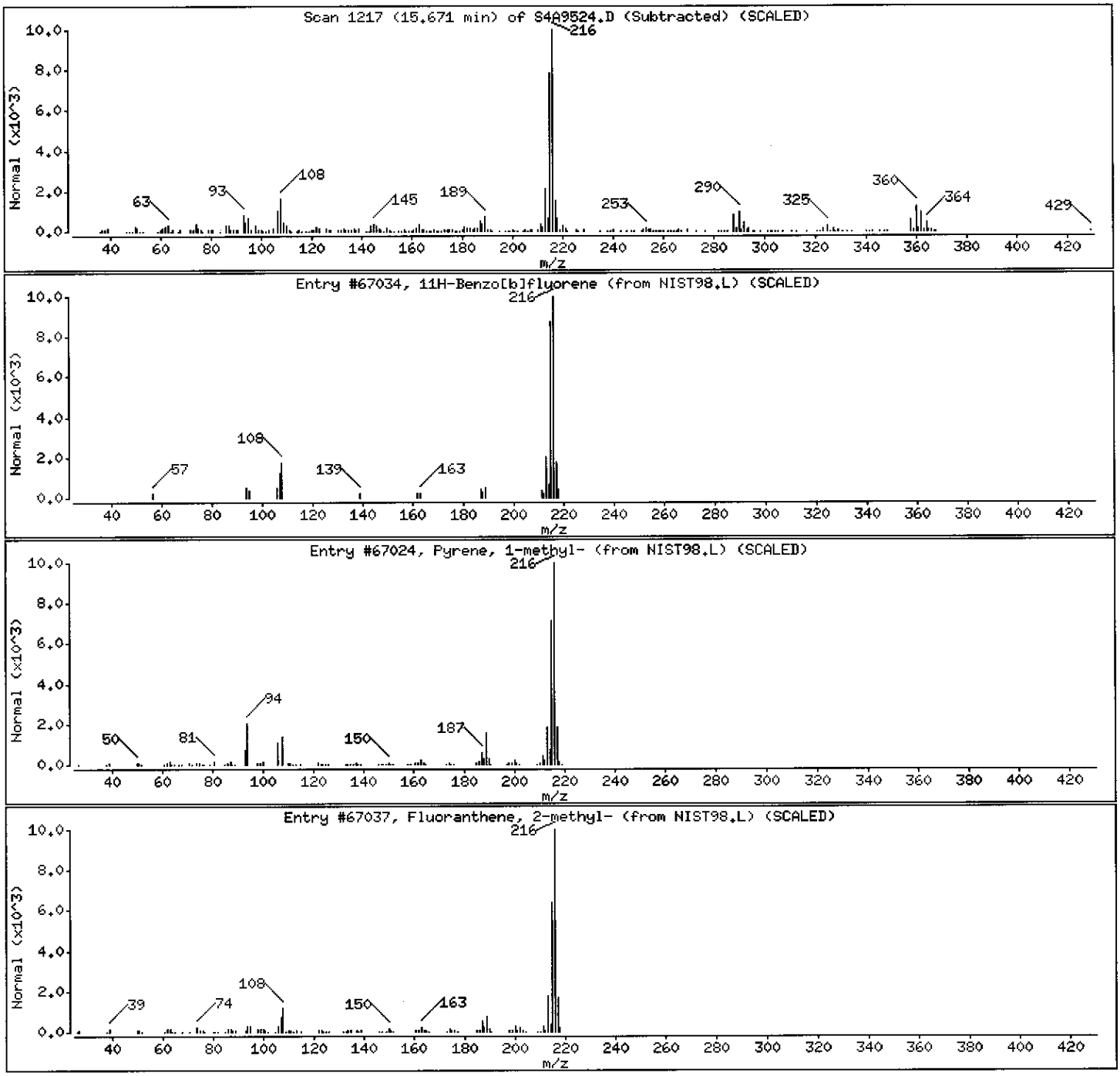
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Benzo[b]fluorene	243-17-4	NIST98.L	67034	98	C17H12	216
Pyrene, 1-methyl-	2381-21-7	NIST98.L	67024	93	C17H12	216
Fluoranthene, 2-methyl-	33543-31-6	NIST98.L	67037	86	C17H12	216



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Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

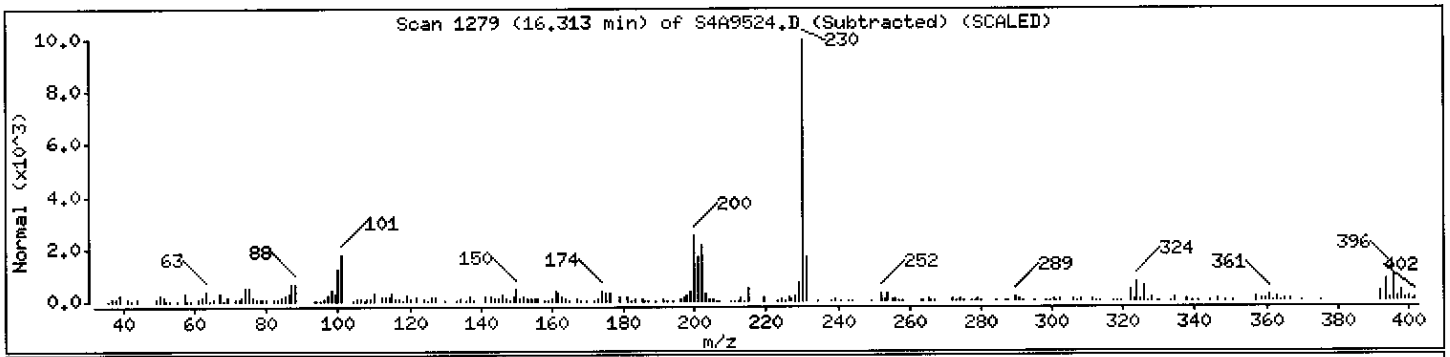
Volume Injected (uL): 2.0

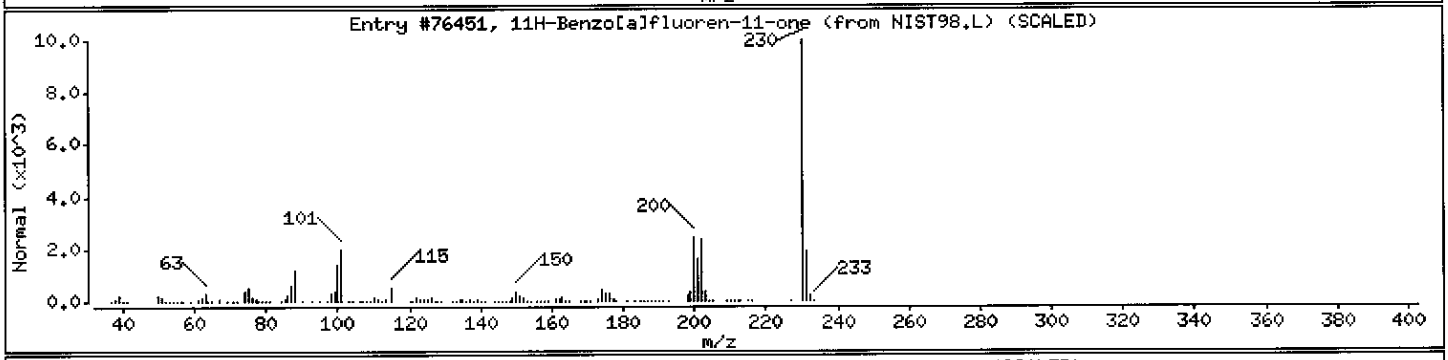
Operator: AW SRC: LIMS

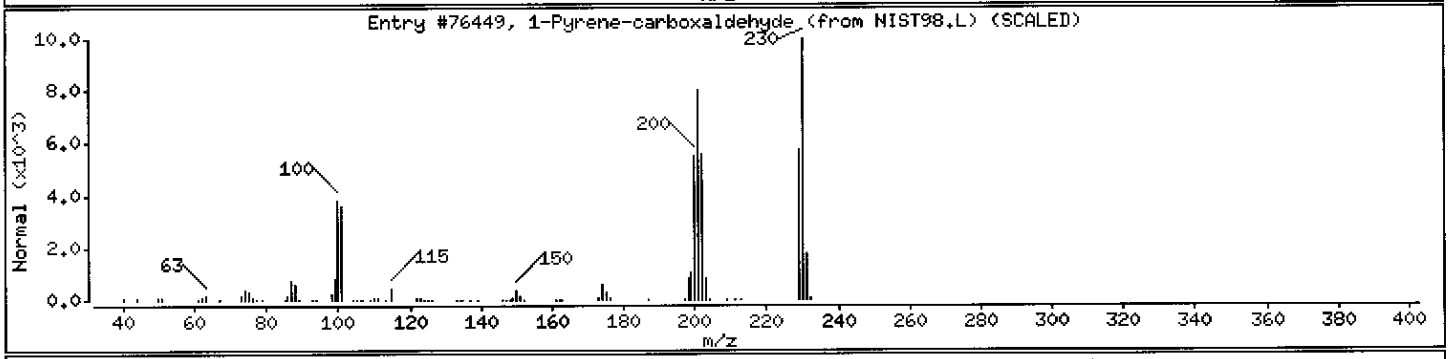
Column phase: DB-5MS

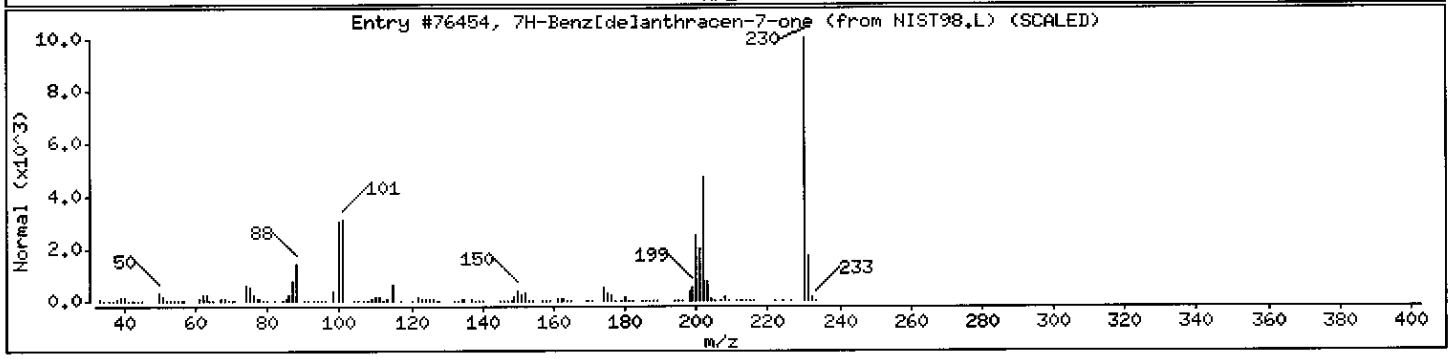
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Benzo[a]fluoren-11-one	479-79-8	NIST98.L	76451	97	C17H10O	230
1-Pyrene-carboxaldehyde	3029-19-4	NIST98.L	76449	64	C17H10O	230
7H-Benz[de]anthracen-7-one	82-05-3	NIST98.L	76454	53	C17H10O	230









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Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

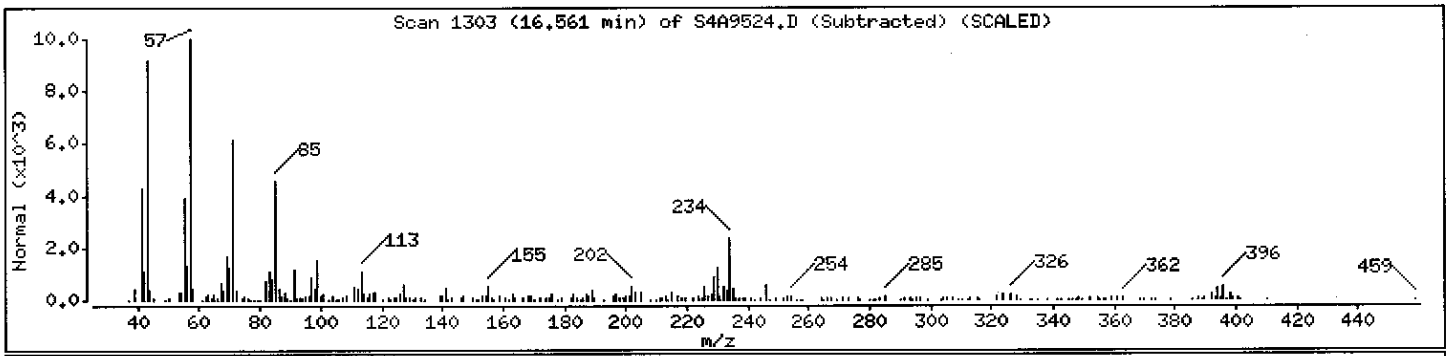
Volume Injected (uL): 2.0

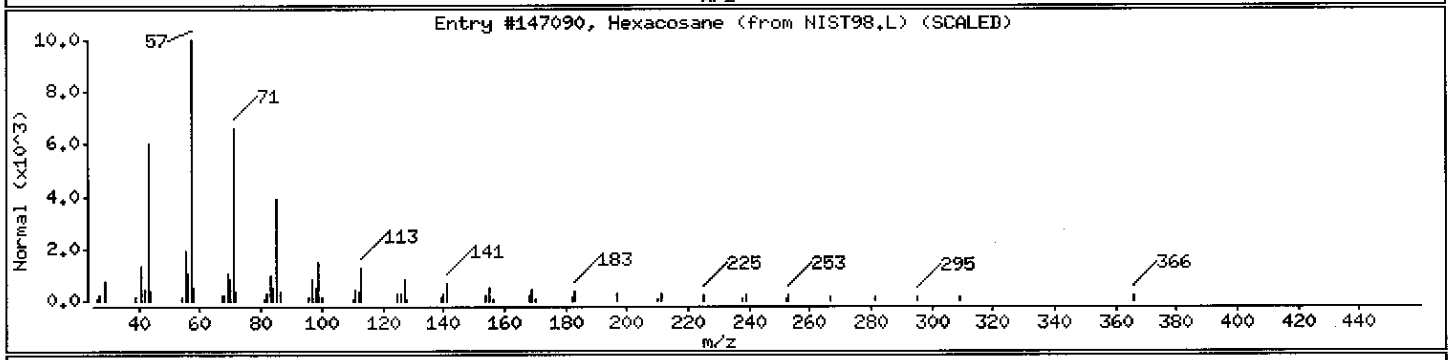
Operator: AW SRC: LIMS

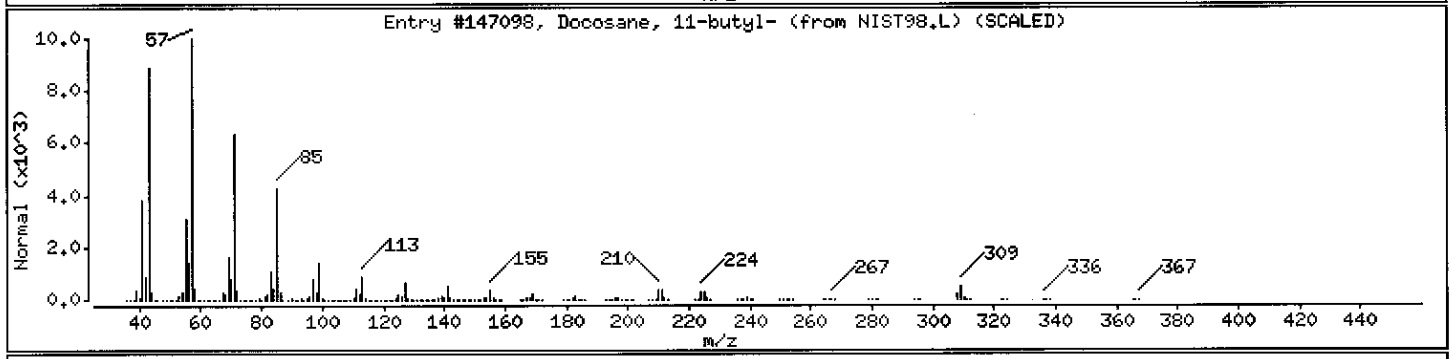
Column phase: DB-5MS

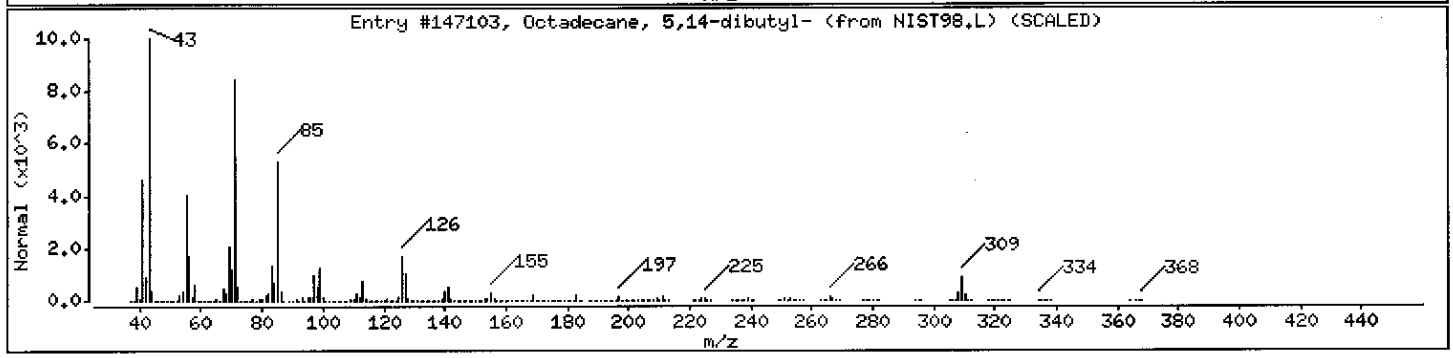
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Hexacosane	630-01-3	NIST98.L	147090	96	C26H54	366
Docosane, 11-butyl-	13475-76-8	NIST98.L	147098	96	C26H54	366
Octadecane, 5,14-dibutyl-	55282-13-8	NIST98.L	147103	91	C26H54	366









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Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

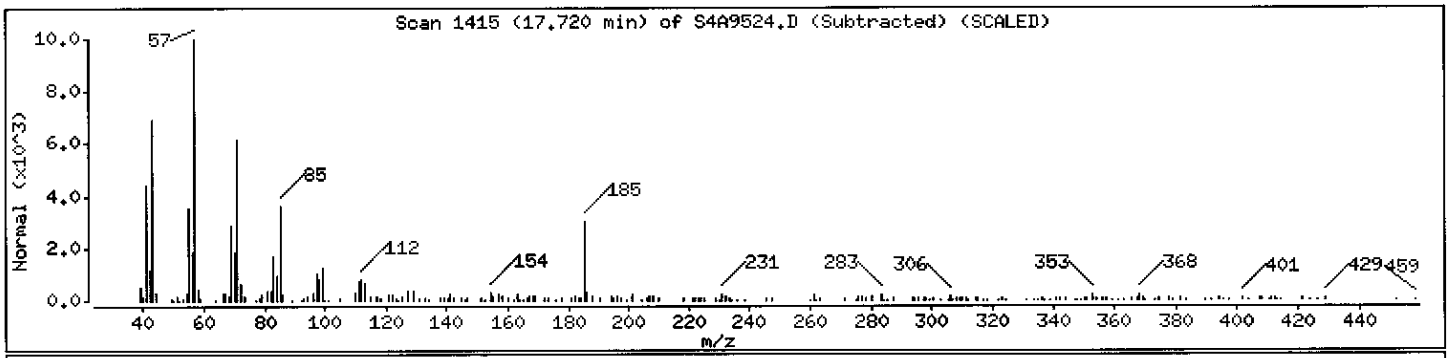
Volume Injected (uL): 2.0

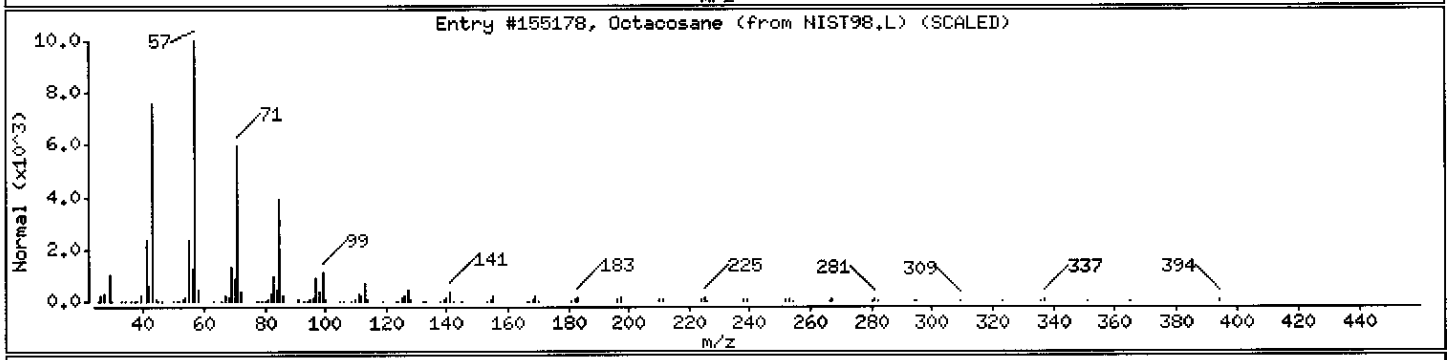
Operator: AW SRC: LIMS

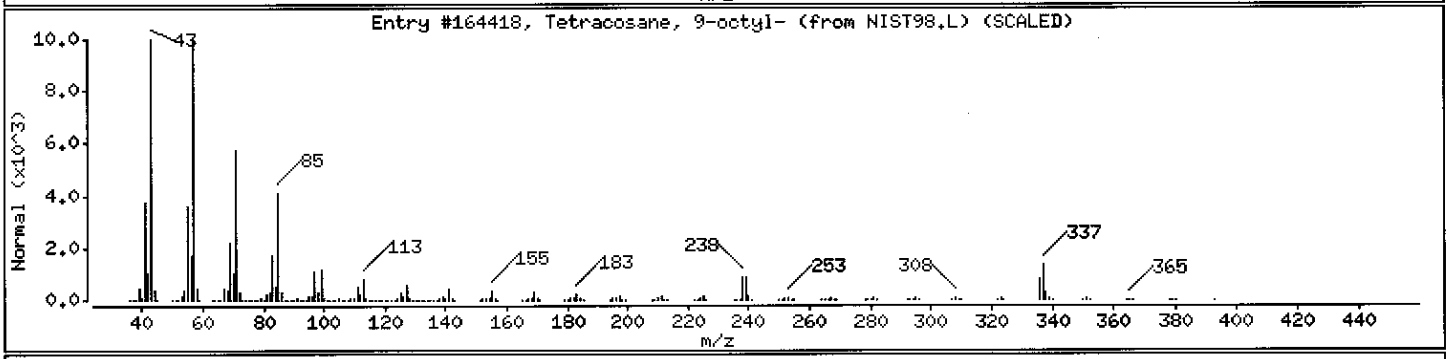
Column phase: DB-5MS

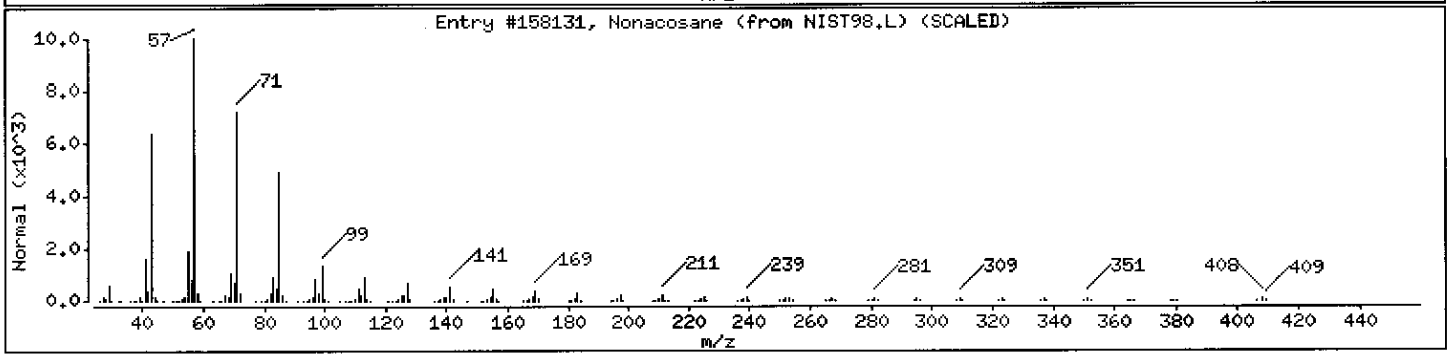
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Octacosane	630-02-4	NIST98.L	155178	76	C28H58	394
Tetracosane, 9-octyl-	55401-54-2	NIST98.L	164418	72	C32H66	451
Nonacosane	630-03-5	NIST98.L	158131	70	C29H60	408









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Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

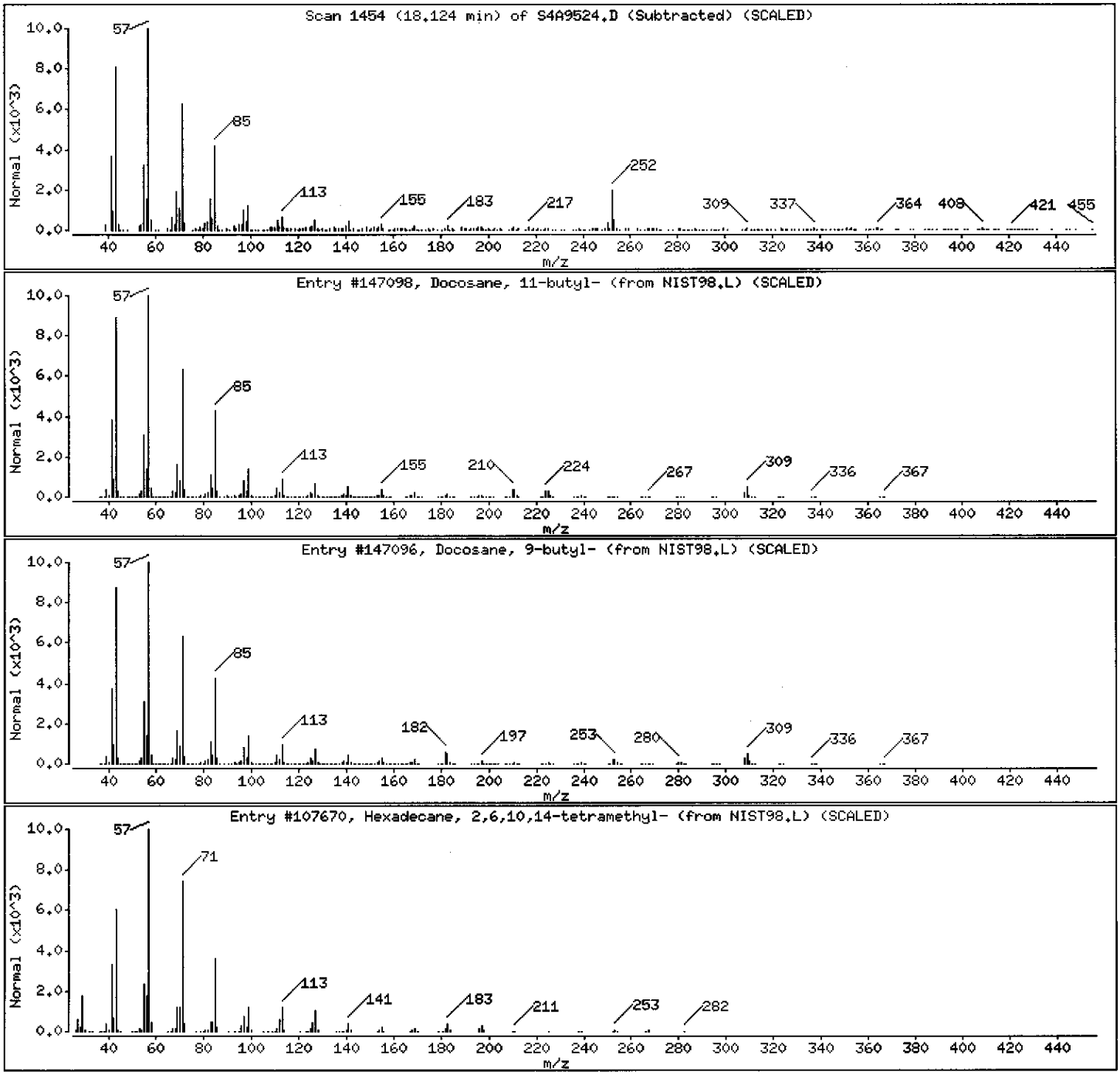
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Docosane, 11-butyl-	13475-76-8	NIST98.L	147098	94	C26H54	366
Docosane, 9-butyl-	55282-14-9	NIST98.L	147096	93	C26H54	366
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST98.L	107670	89	C20H42	282



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Date : 31-AUG-2005 12:53

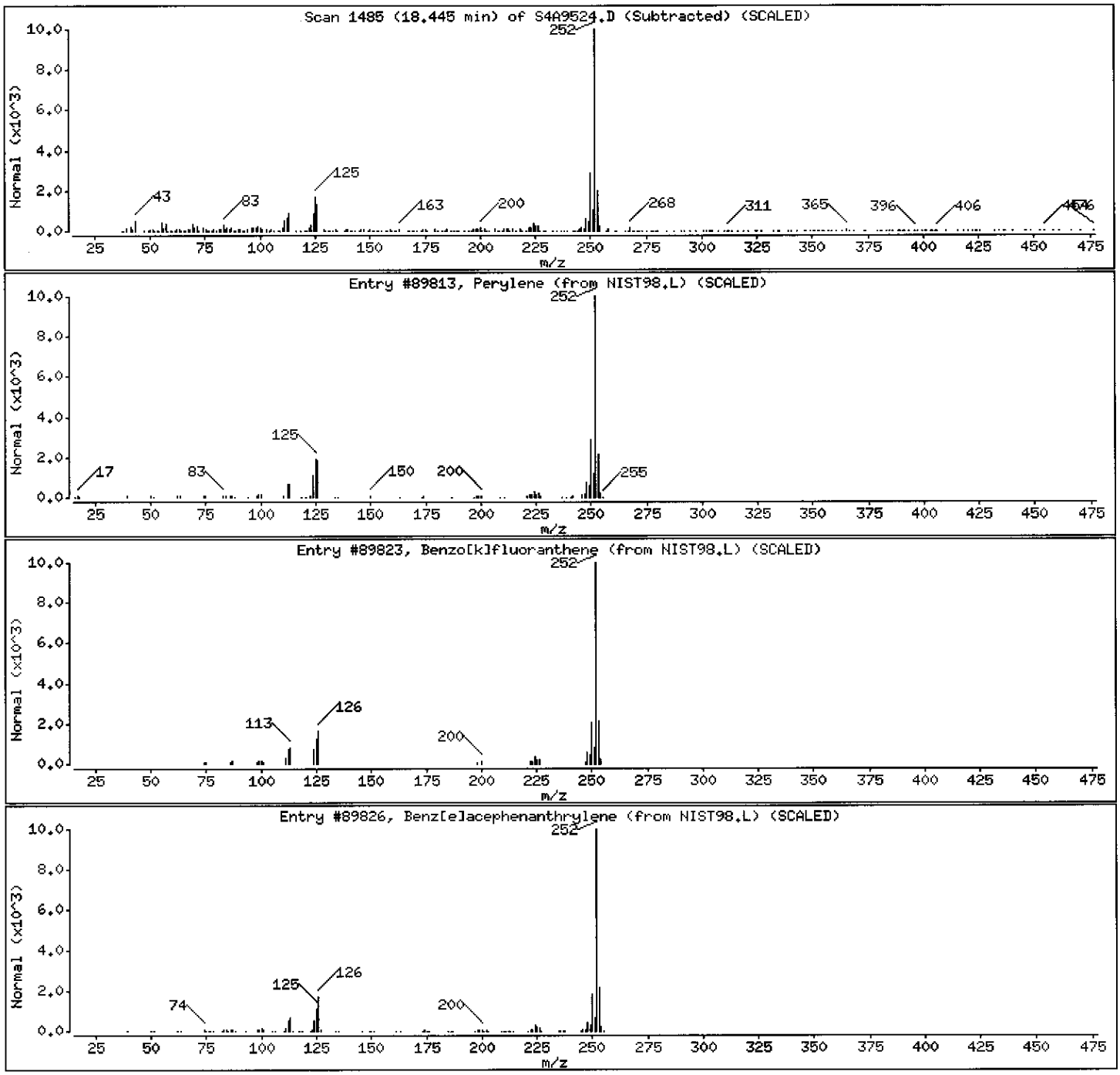
Client ID: SD07-S-MRE Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Perylene	198-55-0	NIST98.L	89813	99	C20H12	252
Benzo[k]fluoranthene	207-08-9	NIST98.L	89823	98	C20H12	252
Benz[e]acephenanthrylene	205-99-2	NIST98.L	89826	98	C20H12	252



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Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

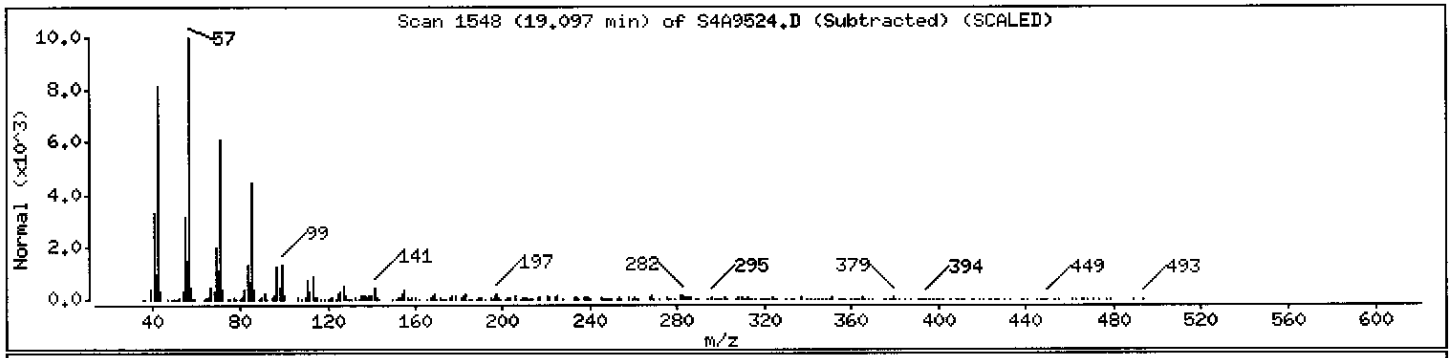
Volume Injected (uL): 2.0

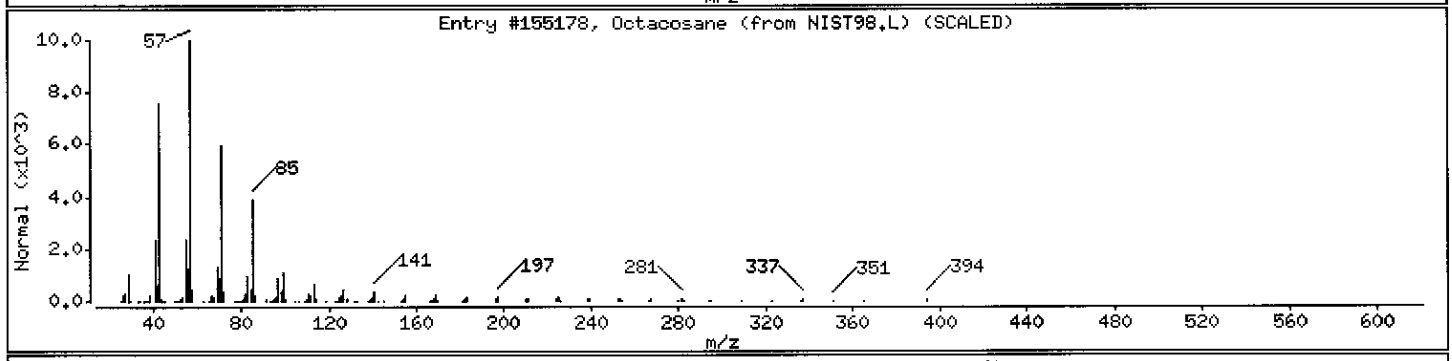
Operator: AW SRC: LIMS

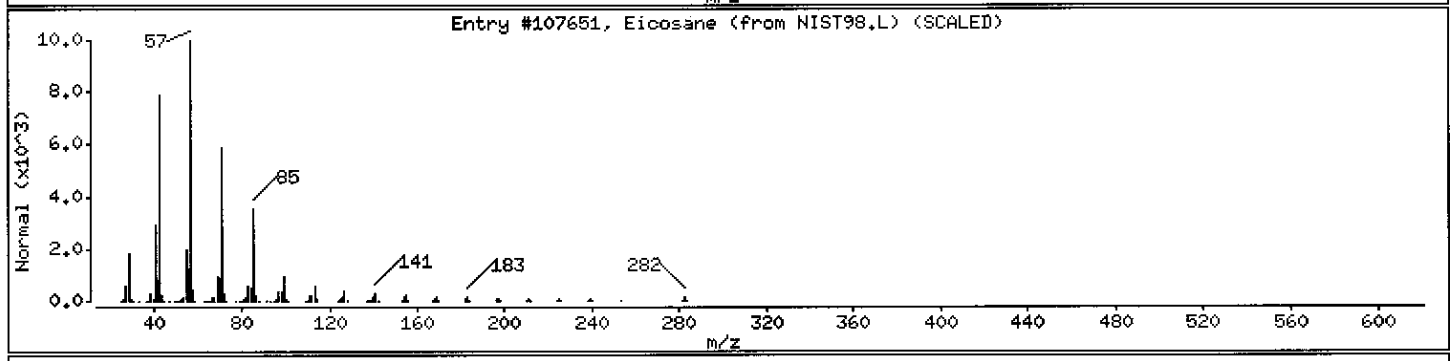
Column phase: DB-5MS

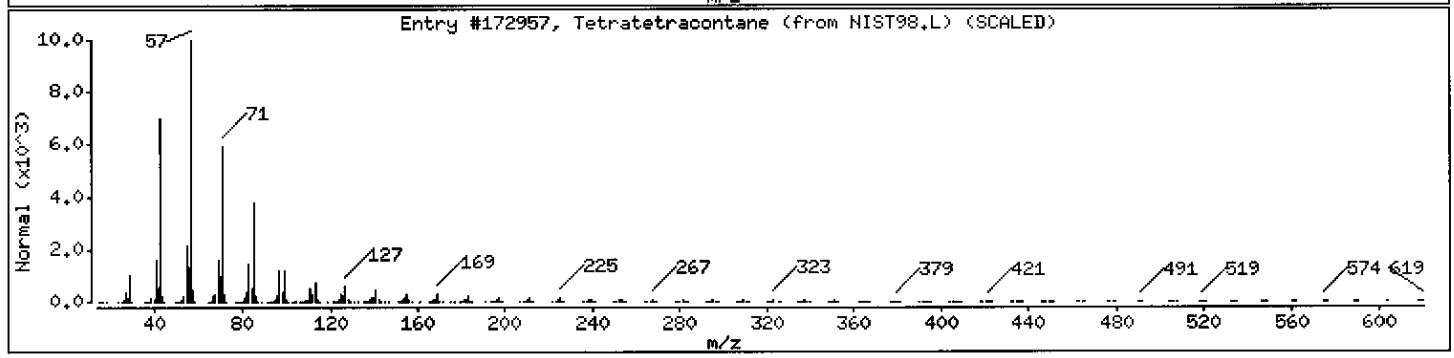
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Octacosane	630-02-4	NIST98.L	155178	99	C28H58	394
Eicosane	112-95-8	NIST98.L	107651	98	C20H42	282
Tetratetracontane	7098-22-8	NIST98.L	172957	93	C44H90	619









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Date : 31-AUG-2005 12:53

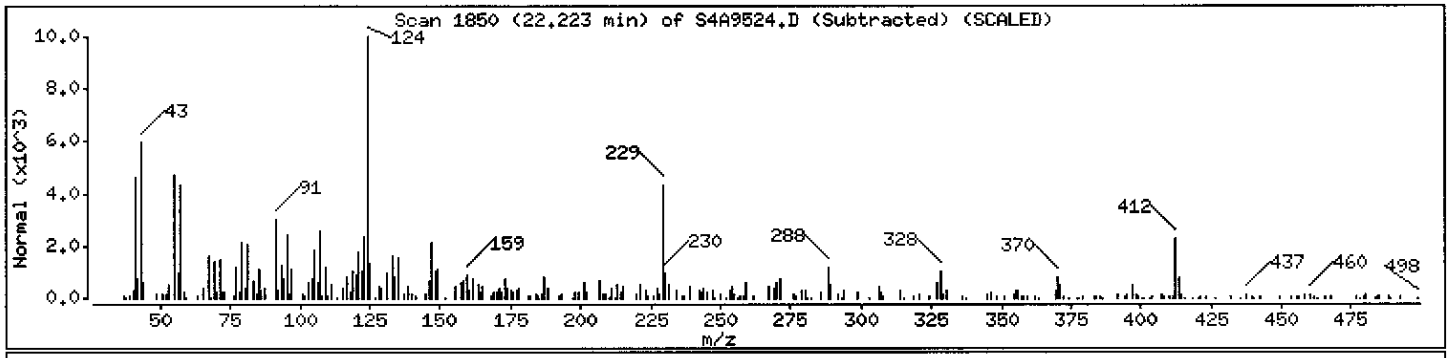
Client ID: SD07-S-MRE Instrument: S4.i

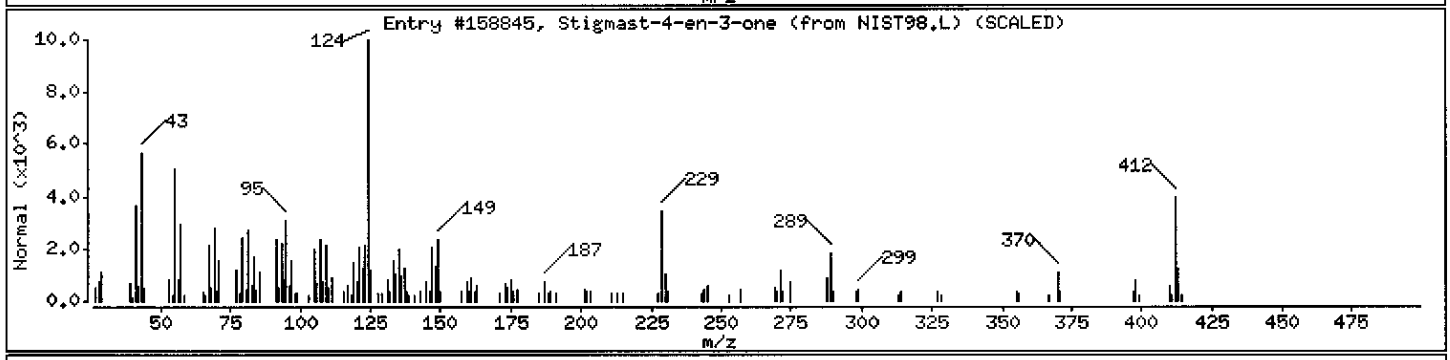
Sample Info: D0926-07ARE,,19676,,

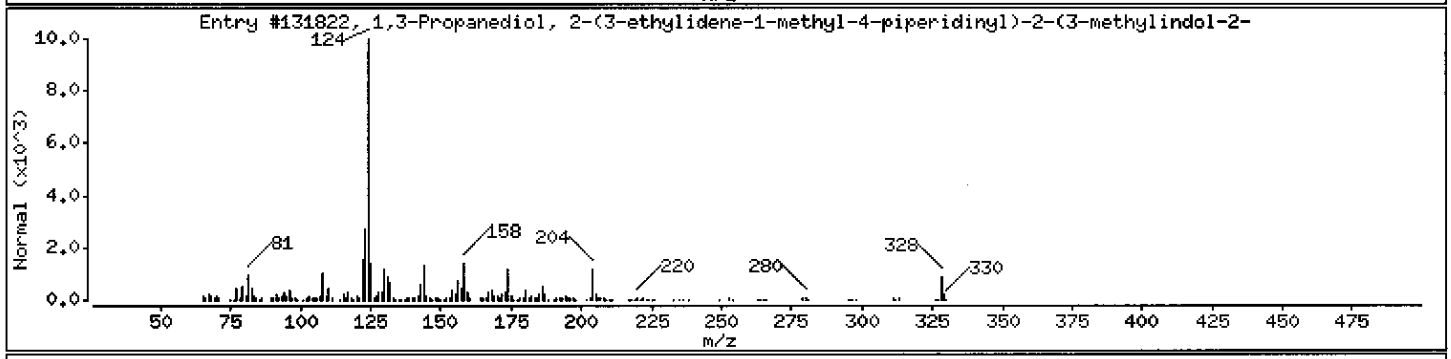
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Stigmast-4-en-3-one	1058-61-3	NIST98.L	158845	91	C29H480	412
1,3-Propanediol, 2-(3-ethylidene-1-methy	1850-32-4	NIST98.L	131822	41	C20H28N2O2	328







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Date : 31-AUG-2005 12:53

Client ID: SD07-S-MRE

Instrument: S4.i

Sample Info: D0926-07ARE,,19676,,

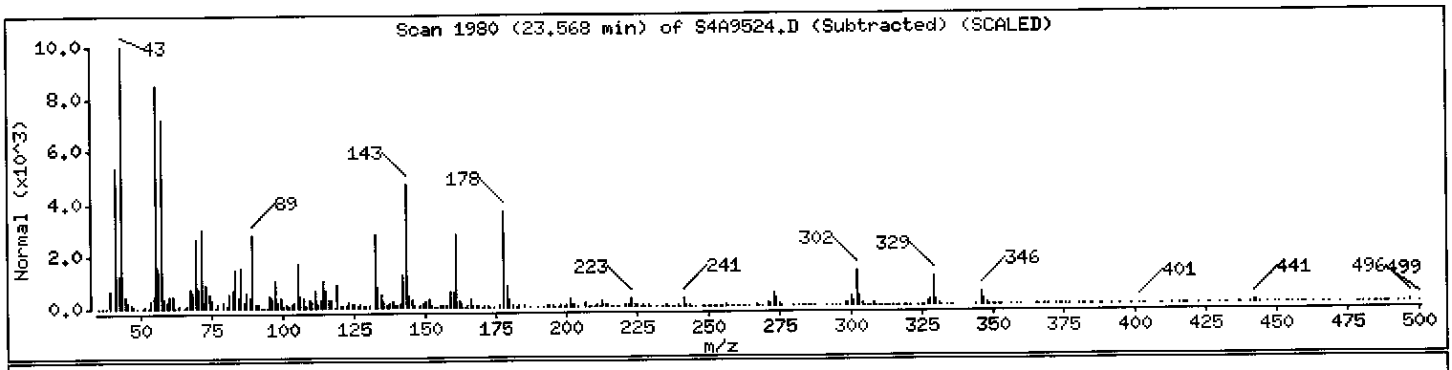
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-06A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9442

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 48 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	630	U
108-95-2	Phenol	630	U
111-44-4	bis(2-Chloroethyl)Ether	630	U
95-57-8	2-Chlorophenol	630	U
95-48-7	2-Methylphenol	630	U
108-60-1	2,2'-oxybis(1-Chloropropane)	630	U
98-86-2	Acetophenone	630	U
106-44-5	4-Methylphenol	630	U
621-64-7	N-Nitroso-di-n-propylamine	630	U
67-72-1	Hexachloroethane	630	U
98-95-3	Nitrobenzene	630	U
78-59-1	Isophorone	630	U
88-75-5	2-Nitrophenol	630	U
105-67-9	2,4-Dimethylphenol	630	U
111-91-1	bis(2-Chloroethoxy)methane	630	U
120-83-2	2,4-Dichlorophenol	630	U
91-20-3	Naphthalene	630	U
106-47-8	4-Chloroaniline	630	U
87-68-3	Hexachlorobutadiene	630	U
105-60-2	Caprolactam	630	U
59-50-7	4-Chloro-3-Methylphenol	630	U
91-57-6	2-Methylnaphthalene	630	U
77-47-4	Hexachlorocyclopentadiene	630	U
88-06-2	2,4,6-Trichlorophenol	630	U
95-95-4	2,4,5-Trichlorophenol	1600	U
92-52-4	1,1'-Biphenyl	630	U
91-58-7	2-Chloronaphthalene	630	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	630	U
606-20-2	2,6-Dinitrotoluene	630	U
208-96-8	Acenaphthylene	630	U
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	630	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-O

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-06A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9442

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 48 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	630	U
121-14-2	2,4-Dinitrotoluene	630	U
84-66-2	Diethylphthalate	630	U
86-73-7	Fluorene	630	U
7005-72-3	4-Chlorophenyl-phenylether	630	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	630	U
101-55-3	4-Bromophenyl-phenylether	630	U
118-74-1	Hexachlorobenzene	630	U
1912-24-9	Atrazine	630	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	500	J
120-12-7	Anthracene	120	J
86-74-8	Carbazole	630	U
84-74-2	Di-n-butylphthalate	280	J
206-44-0	Fluoranthene	770	
129-00-0	Pyrene	710	
85-68-7	Butylbenzylphthalate	630	U
91-94-1	3,3'-Dichlorobenzidine	630	U
56-55-3	Benzo(a)anthracene	390	J
218-01-9	Chrysene	360	J
117-81-7	bis(2-Ethylhexyl)phthalate	130	JB
117-84-0	Di-n-octylphthalate	630	U
205-99-2	Benzo(b)fluoranthene	480	J
207-08-9	Benzo(k)fluoranthene	240	J
50-32-8	Benzo(a)pyrene	390	J
193-39-5	Indeno(1,2,3-cd)pyrene	210	J
53-70-3	Dibenzo(a,h)anthracene	65	J
191-24-2	Benzo(g,h,i)perylene	240	J

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD07-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-06A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9442

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 48 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8 Extraction: (Type) SONC

Number TICs found: 12

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	464-48-2	BICYCLO[2.2.1]HEPTAN-2-ONE,	7.57	130	NJ
2.	88-19-7	BENZENESULFONAMIDE, 2-METHYL	12.43	140	NJ
3.	70-55-3	BENZENESULFONAMIDE, 4-METHYL	12.72	210	NJ
4.		UNKNOWN	14.43	180	J
5.		UNKNOWN	14.65	150	J
6.		UNKNOWN	15.01	150	J
7.	243-17-4	11H-BENZO[B]FLUORENE	15.93	150	NJ
8.	115-86-6	TRIPHENYL PHOSPHATE	16.54	6700	NJ
9.		UNKNOWN	16.79	160	J
10.		UNKNOWN	17.96	260	J
11.	192-97-2	BENZO[E]PYRENE	18.79	320	NJ
12.		UNKNOWN	24.40	7800	JB
13.					
14.					
15.					
16.					
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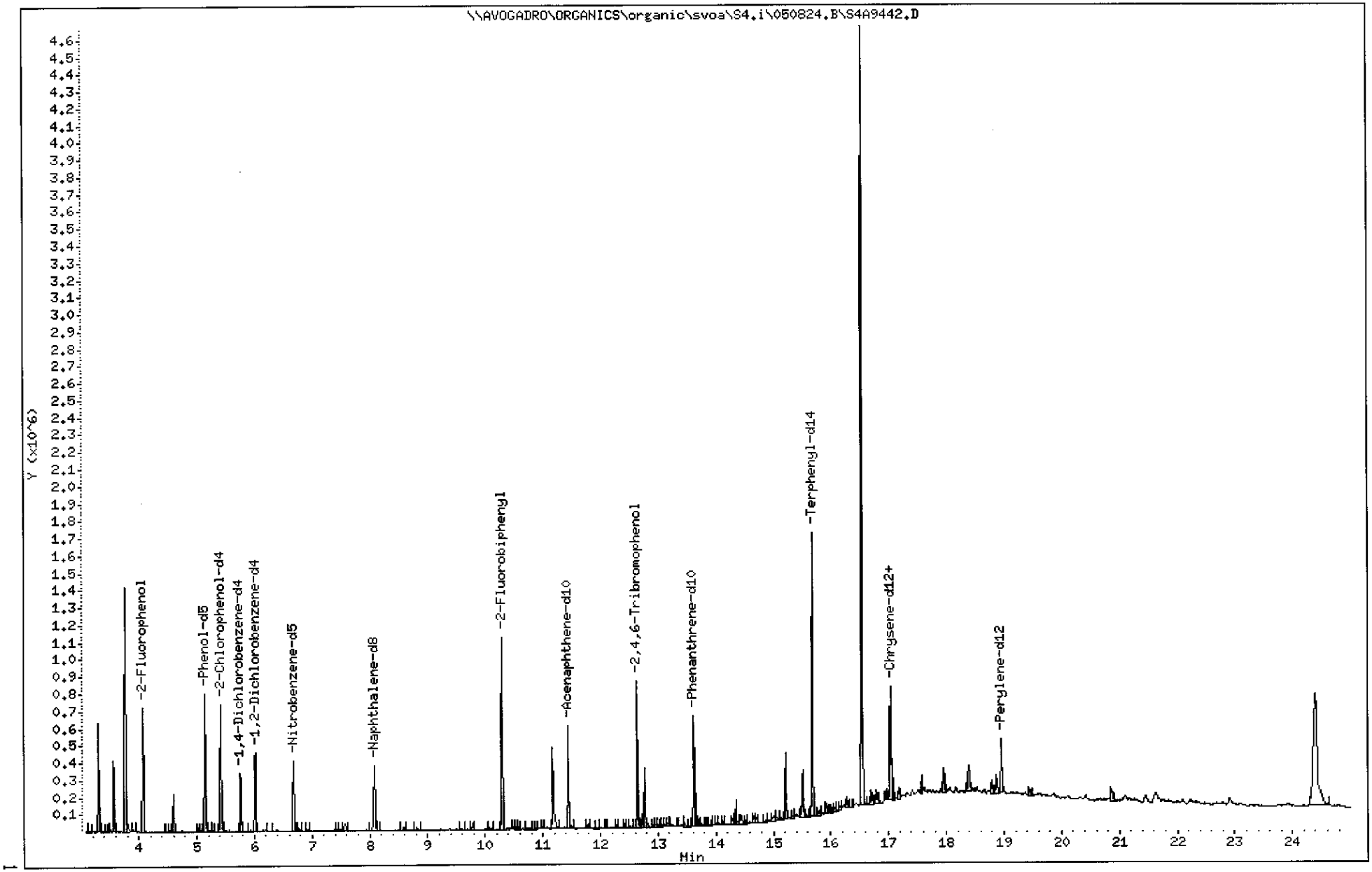
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D
Date : 24-AUG-2005 23:56
Client ID: SD07-S-0
Instrument: S4.i
Sample Info: D0926-06A,,19468,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



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Data File: S4A9442.D
Report Date: 31-Aug-2005 14:03

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D
Lab Smp Id: D0926-06A Client Smp ID: SD07-S-O
Inj Date : 24-AUG-2005 23:56
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-06A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D ✓
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	48.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	4.068	4.048	(0.707)	177900	99.1884	3200
$ 3	Phenol-d5	99	5.145	5.135	(0.894)	279123	108.914	3500
$ 6	2-Chlorophenol-d4	132	5.414	5.414	(0.941)	227193	105.091	3400
* 8	1,4-Dichlorobenzene-d4	152	5.755	5.755	(1.000)	64493	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	6.014	6.004	(1.045)	93138	62.2473	2000
$ 16	Nitrobenzene-d5	82	6.677	6.677	(0.826)	210374	66.8580	2100
* 23	Naphthalene-d8	136	8.084	8.074	(1.000)	274163	40.0000	
$ 33	2-Fluorobiphenyl	172	10.289	10.289	(0.900)	419537	80.7505	2600
* 41	Acenaphthene-d10	164	11.438	11.438	(1.000)	151217	40.0000	
$ 53	2,4,6-Tribromophenol	330	12.638	12.628	(0.929)	89264	143.199	4600
* 58	Phenanthrene-d10	188	13.611	13.611	(1.000)	237216	40.0000	
59	Phenanthrene	178	13.642	13.642	(1.002)	110187	15.6800	500(a)
60	Anthracene	178	13.715	13.715	(1.008)	25113	3.74167	120(a)

Data File: S4A9442.D
Report Date: 31-Aug-2005 14:03

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
	62 Di-n-butylphthalate	149	14.346	14.346	(1.054)	73138	8.69188	280(a)
	63 Fluoranthene	202	15.216	15.205	(1.118)	172612	24.0770	770
	64 Pyrene	202	15.516	15.505	(0.911)	154428	22.0166	710
$	65 Terphenyl-d14	244	15.681	15.671	(0.920)	475943	93.7415	3000
	68 Benzo(a)anthracene	228	17.027	17.017	(0.999)	76770	12.0596	390(a)
*	69 Chrysene-d12	240	17.037	17.027	(1.000)	202015	40.0000	
	70 Chrysene	228	17.068	17.068	(1.002)	67729	11.3640	360(a)
	71 bis(2-Ethylhexyl)phthalate	149	16.965	16.954	(0.996)	21578	4.14372	130(a)
	73 Benzo(b)fluoranthene	252	18.383	18.372	(0.970)	90408	15.0891	480(aM)
	74 Benzo(k)fluoranthene	252	18.403	18.414	(0.971)	46799	7.40557	240(aQM)
	75 Benzo(a)pyrene	252	18.869	18.859	(0.996)	60313	12.1142	390(a)
*	76 Perylene-d12	264	18.952	18.942	(1.000)	156505	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	20.877	20.877	(1.102)	40771	6.60299	210(a)
	78 Dibenzo(a,h)anthracene	278	20.877	20.877	(1.102)	10895	2.04248	65(a)
	79 Benzo(g,h,i)perylene	276	21.457	21.457	(1.132)	35928	7.43821	240(a)

MZ
08/31/05
AW

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

08/31/05
AW

Data File: S4A9442.D
Report Date: 31-Aug-2005 14:03

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D
Lab Smp Id: D0926-06A Client Smp ID: SD07-S-O
Inj Date : 24-AUG-2005 23:56
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-06A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	48.000	% Moisture

ISTD	RT	AREA	AMOUNT
* 23 Naphthalene-d8	8.084	645379	40.000
* 41 Acenaphthene-d10	11.438	719051	40.000
* 58 Phenanthrene-d10	13.611	766289	40.000
* 69 Chrysene-d12	17.037	1032700	40.000
* 76 Perylene-d12	18.952	516448	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9442.D
Report Date: 31-Aug-2005 14:03

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimet					CAS #: 464-48-2		
7.567	66422	4.11677479	130	95	NIST98.L	24202	23
Cyclic Alkane					CAS #:		
11.169	889693	49.4926229	1600	0		0	41
Benzenesulfonamide, 2-methyl-					CAS #: 88-19-7		
12.431	76006	4.22812846	140	91	NIST98.L	37048	41
Benzenesulfonamide, 4-methyl-					CAS #: 70-55-3		
12.721	127321	6.64610871	210	97	NIST98.L	37053	58
Cyclic Alkane					CAS #:		
12.763	334351	17.4529975	560	0		0	58
Unknown					CAS #:		
14.429	108497	5.66350293	180	0		0	58
Unknown					CAS #:		
14.646	88049	4.59612496	150	0		0	58
Unknown					CAS #:		
15.009	87632	4.57435772	150	0		0	58
11H-Benzo[b]fluorene					CAS #: 243-17-4		
15.930	118880	4.60462864	150	96	NIST98.L	67030	69
Triphenyl phosphate					CAS #: 115-86-6		
16.540	5394219	208.936535	6700	97	NIST98.L	130681	69
Unknown					CAS #:		
16.789	131393	5.08929989	160	0		0	69
Straight-Chain Alkane					CAS #:		
17.565	108645	4.20819212	130	0		0	69
Unknown					CAS #:		
17.958	206146	7.98473903	260	0		0	69
Benzo[e]pyrene					CAS #: 192-97-2		
18.786	128091	9.92092137	320	97	NIST98.L	89816	76
Straight-Chain Alkane					CAS #:		
19.449	92105	7.13372886	230	0		0	76

Data File: S4A9442.D
Report Date: 31-Aug-2005 14:03

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
24.396	3122083	241.811993	7800	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D

Date : 24-AUG-2005 23:56

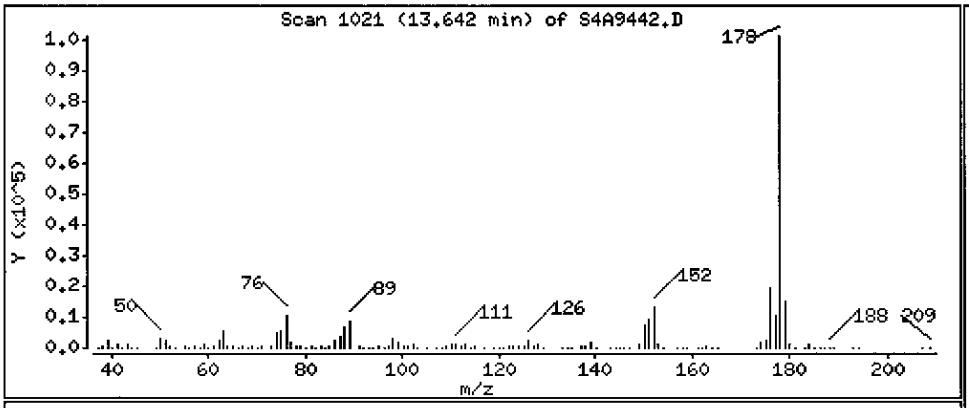
Client ID: SD07-S-0 Instrument: S4.i

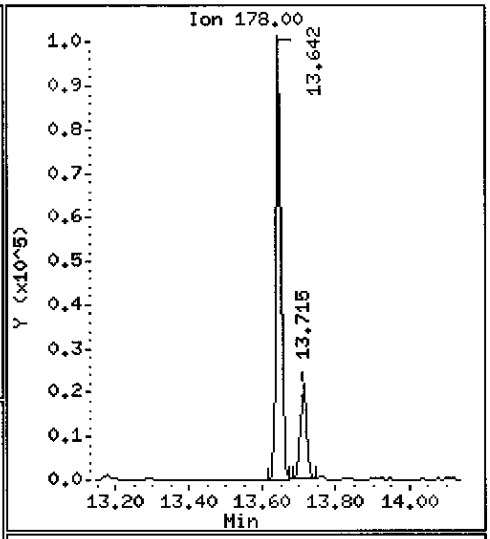
Sample Info: D0926-06A,,19468,,

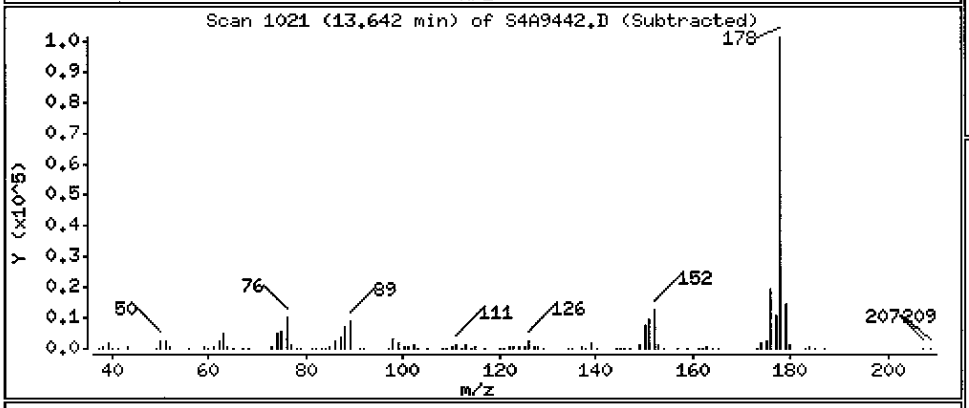
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

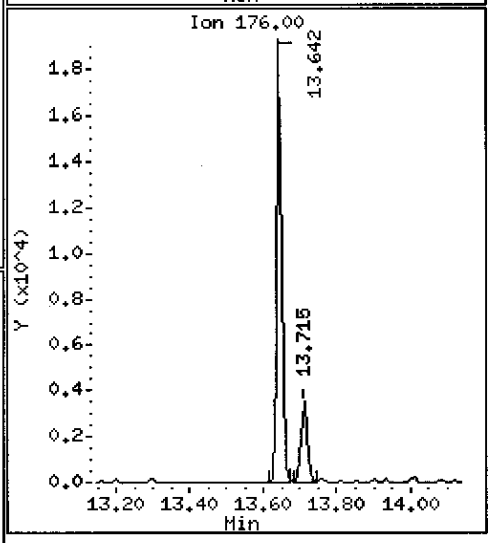
Column phase: DB-5MS Column diameter: 0.25

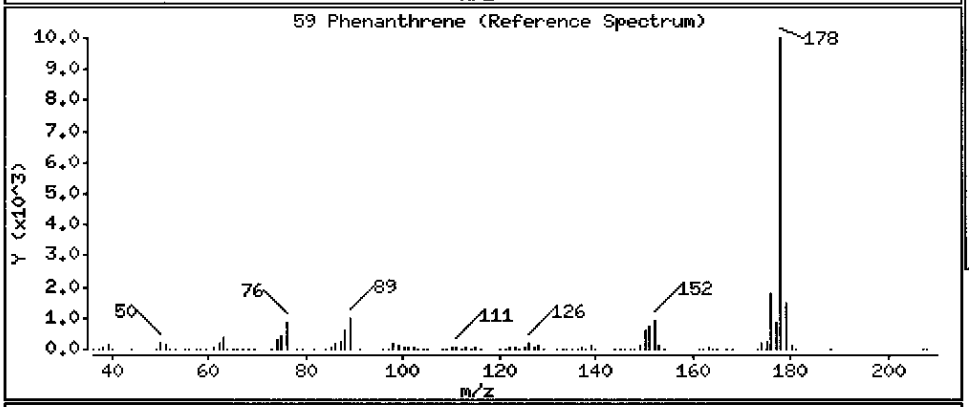
59 Phenanthrene Concentration: 500 ug/Kg

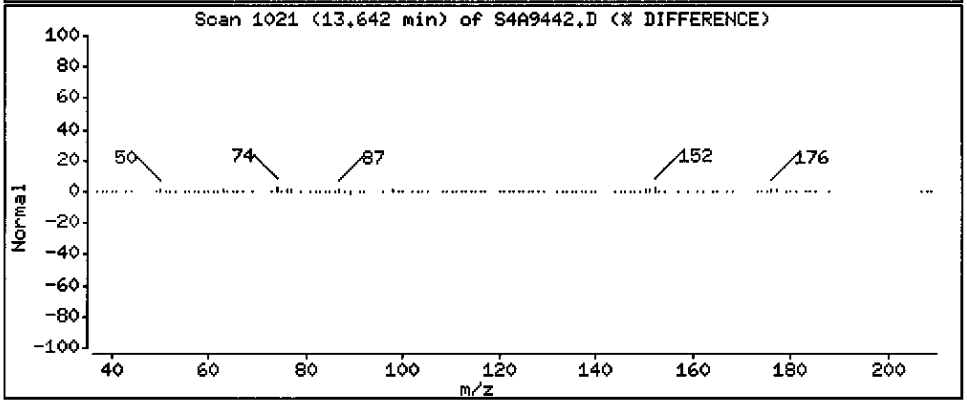












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D

Date : 24-AUG-2005 23:56

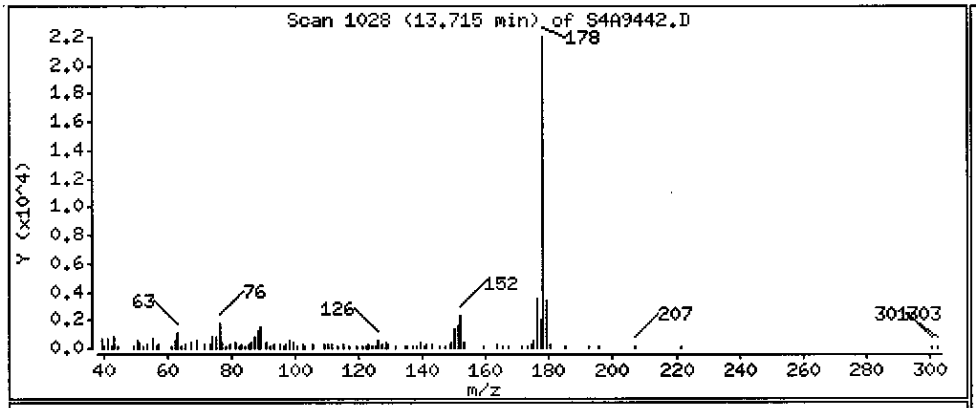
Client ID: SD07-S-0 Instrument: S4.i

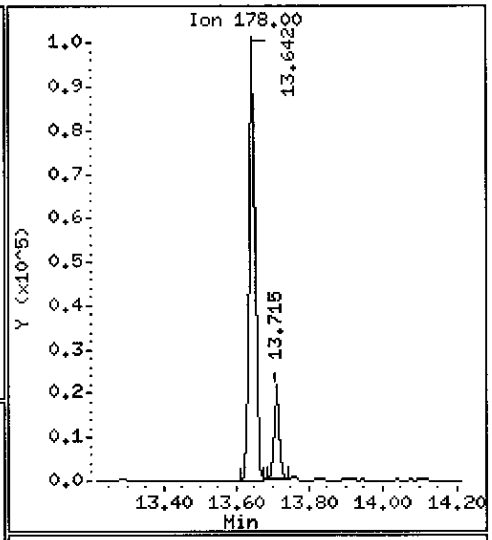
Sample Info: D0926-06A,,19468,,

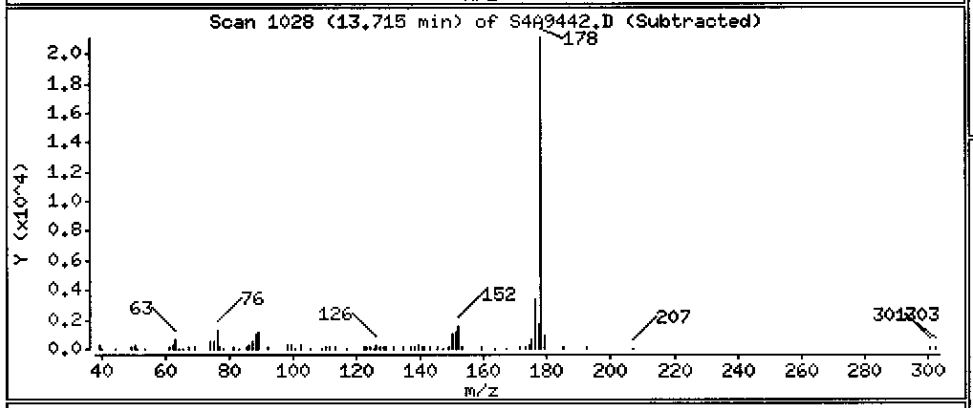
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

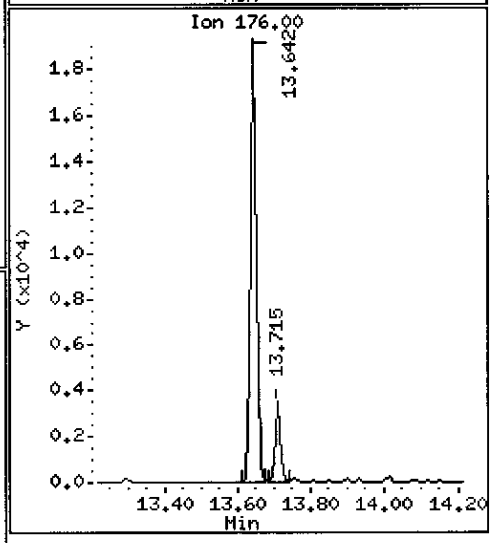
Column phase: DB-5MS Column diameter: 0.25

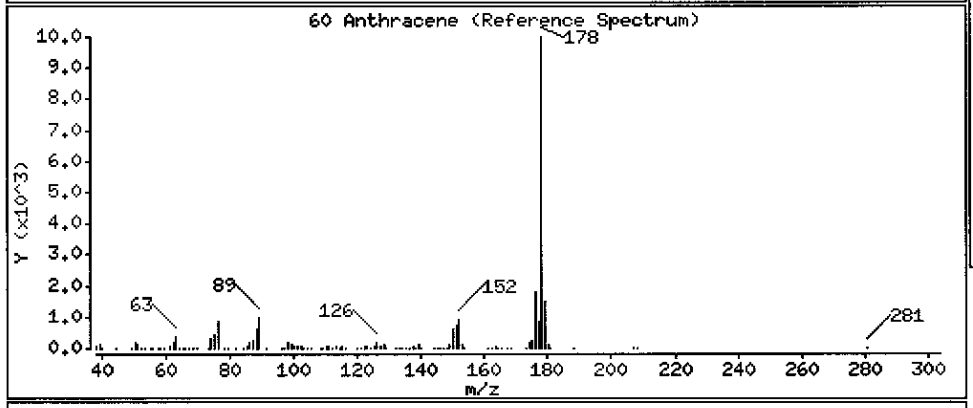
60 Anthracene Concentration: 120 ug/Kg

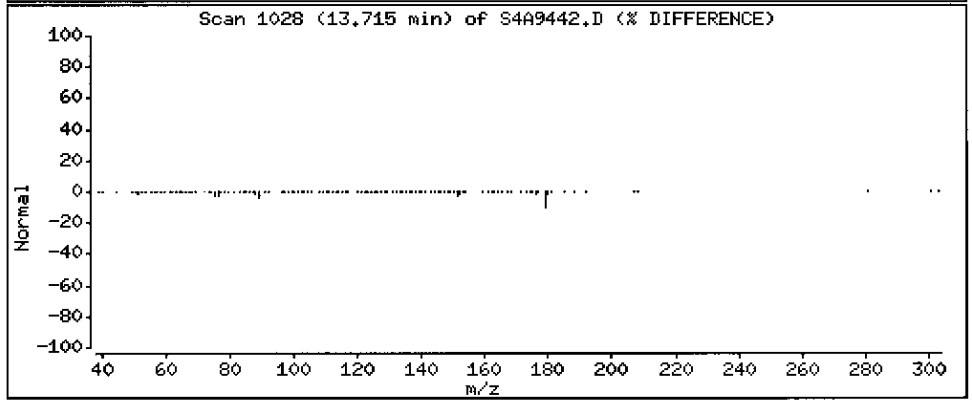












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D

Date : 24-AUG-2005 23:56

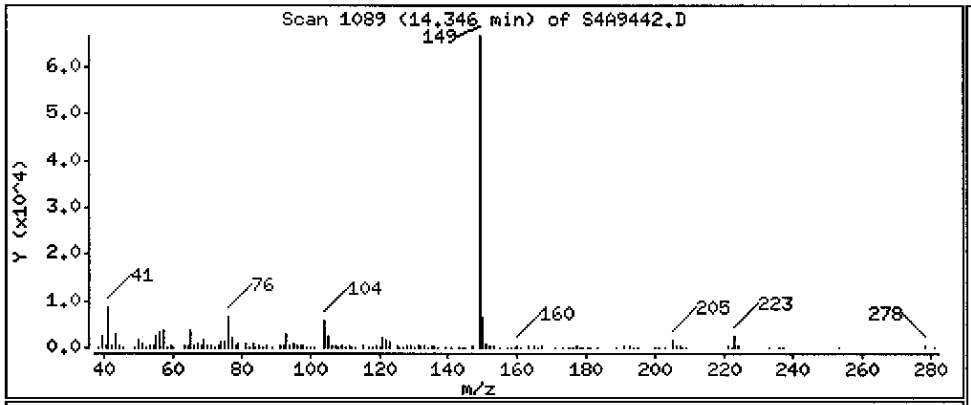
Client ID: SD07-S-0 Instrument: S4.i

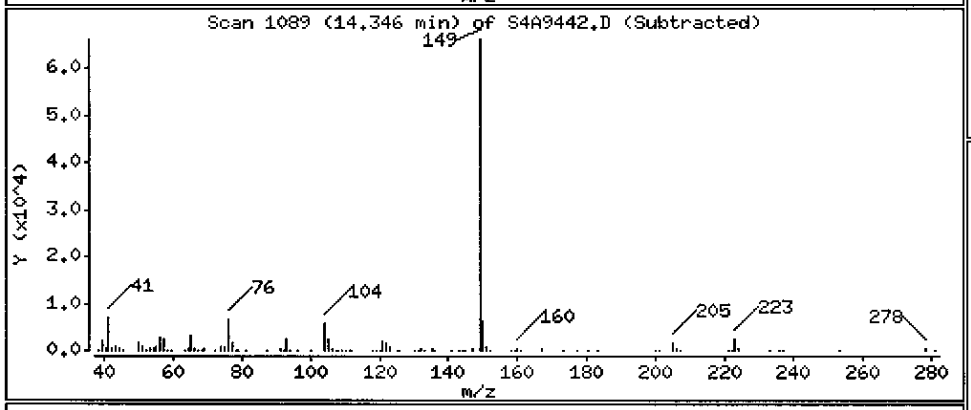
Sample Info: D0926-06A,,19468,,

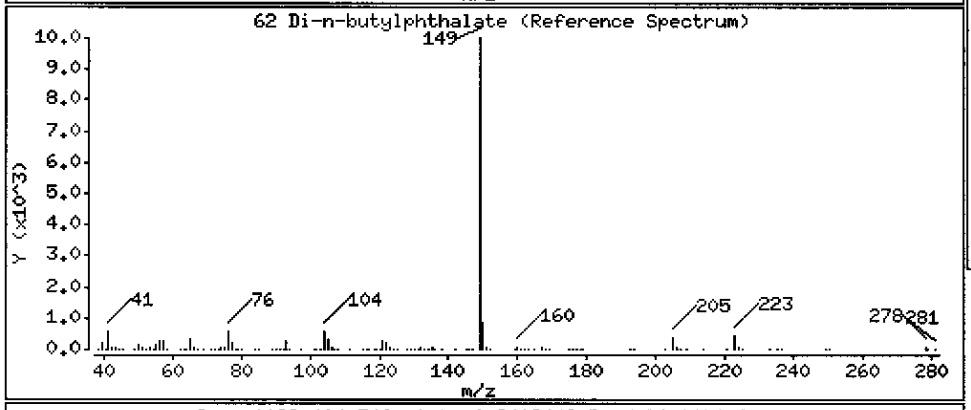
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

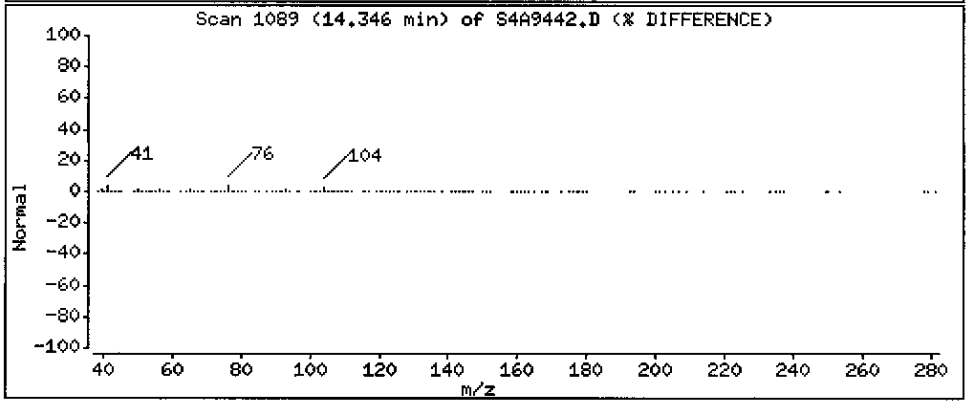
Column phase: DB-5MS Column diameter: 0.25

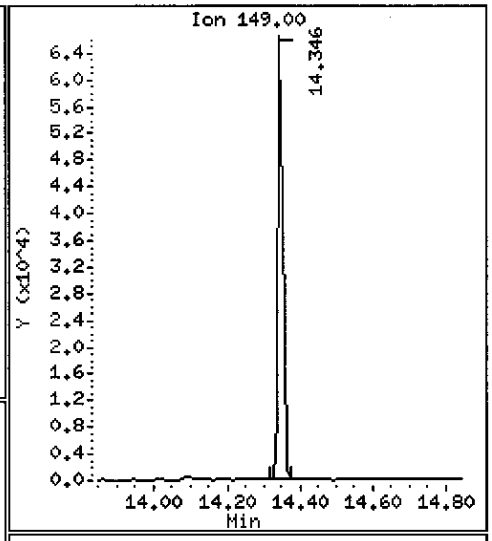
62 Di-n-butylphthalate Concentration: 280 ug/Kg

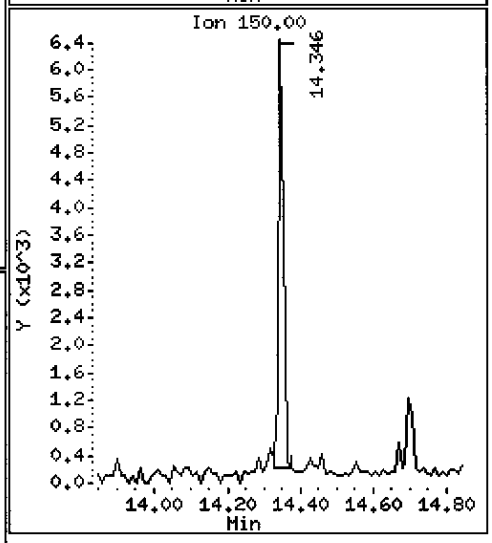












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D

Date : 24-AUG-2005 23:56

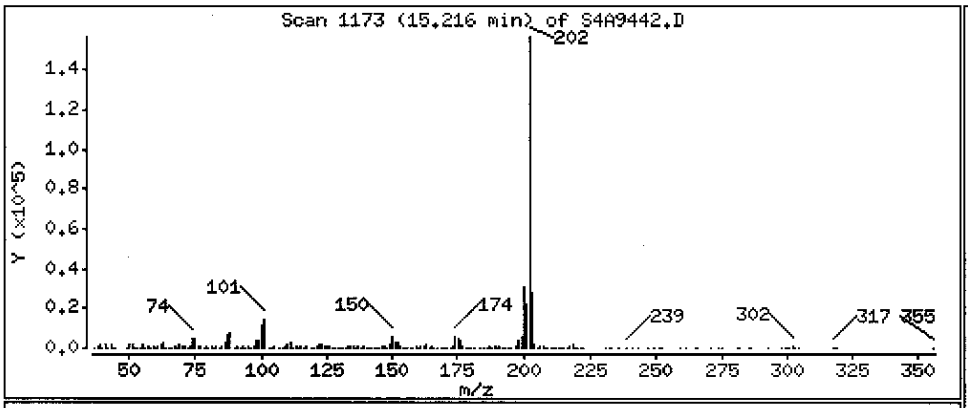
Client ID: SD07-S-0 Instrument: S4.i

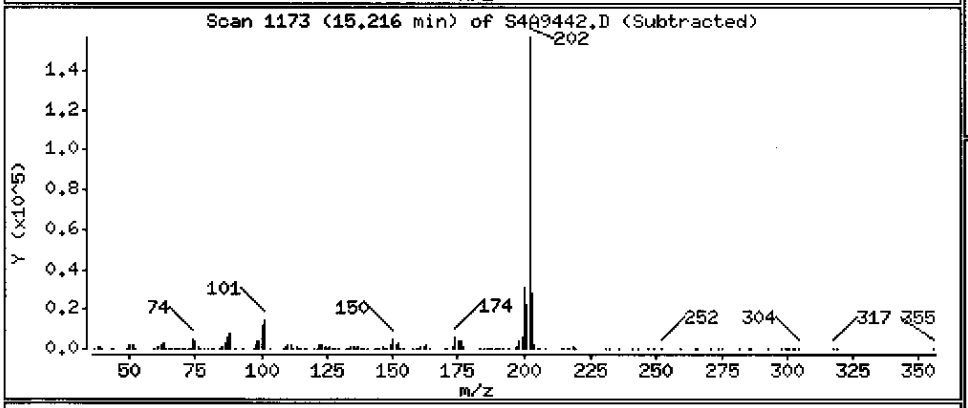
Sample Info: D0926-06A,,19468,,

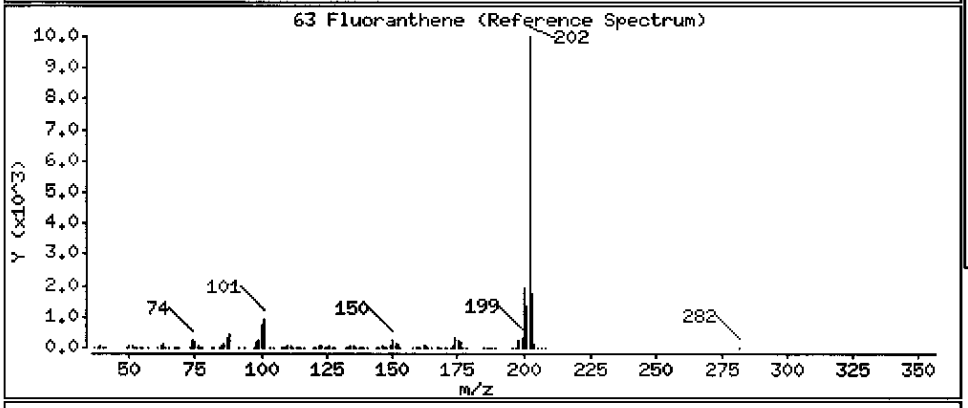
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

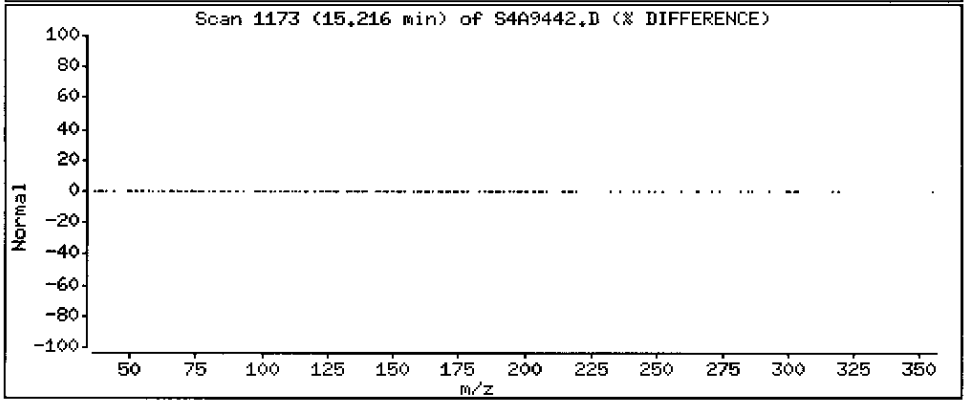
Column phase: DB-5MS Column diameter: 0.25

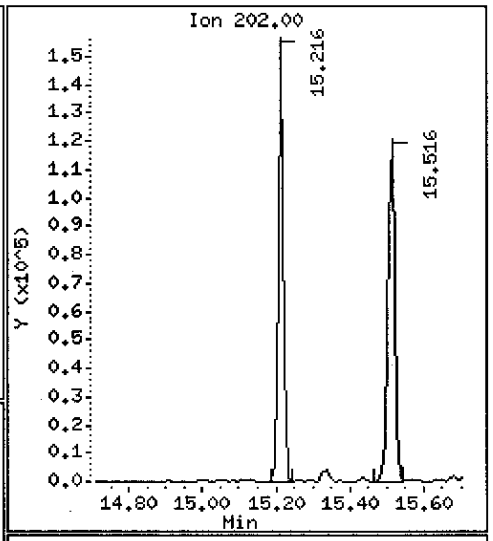
63 Fluoranthene Concentration: 770 ug/Kg

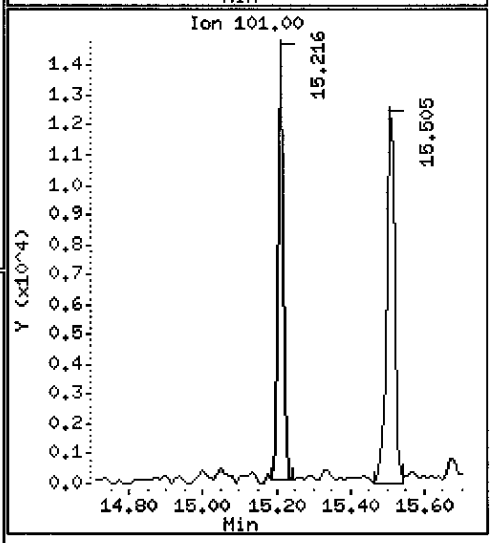












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D

Date : 24-AUG-2005 23:56

Client ID: SD07-S-0

Instrument: S4.i

Sample Info: D0926-06A,,19468,,

Volume Injected (uL): 2.0

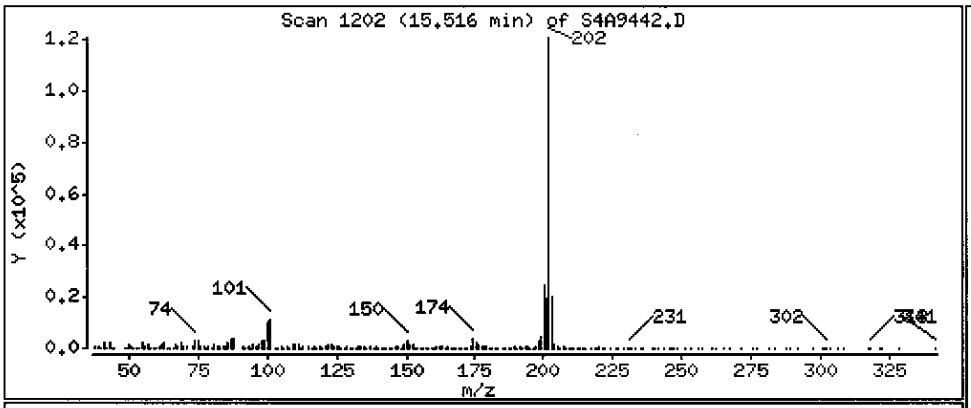
Operator: AW SRC: LIMS

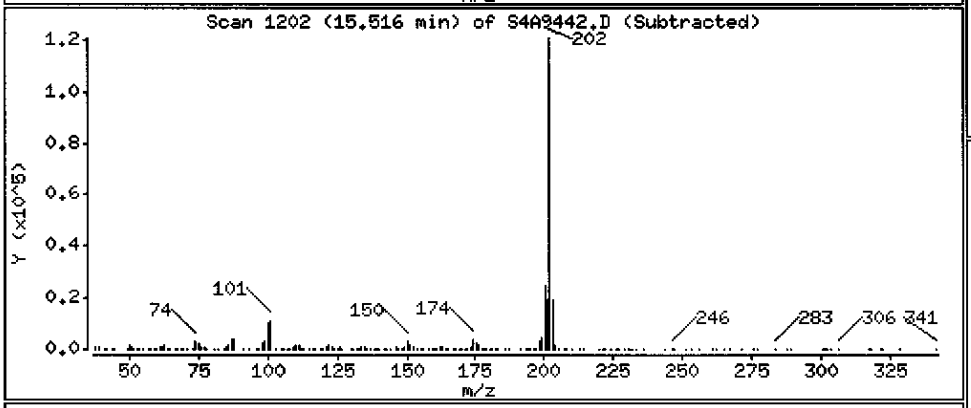
Column phase: DB-5MS

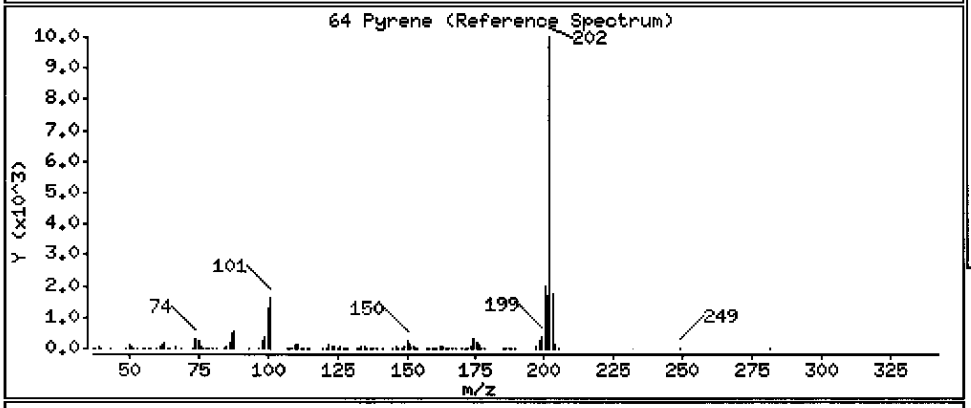
Column diameter: 0.25

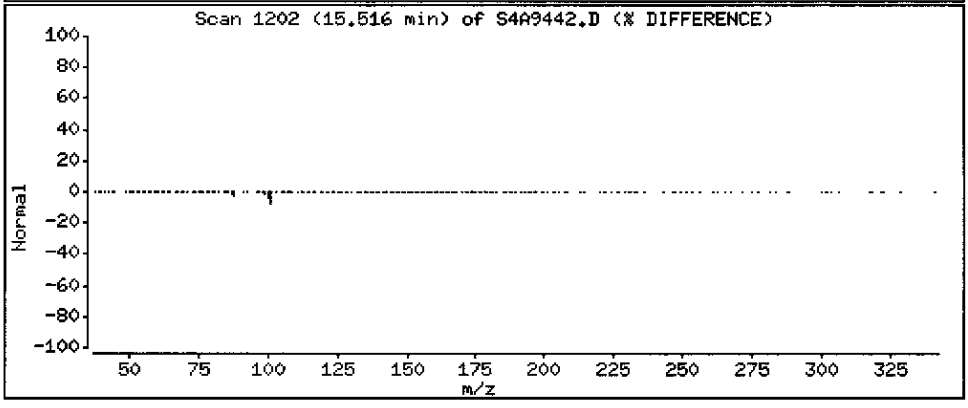
64 Pyrene

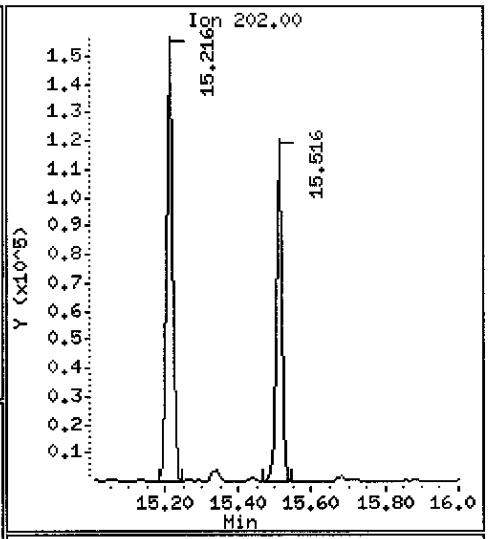
Concentration: 710 ug/Kg

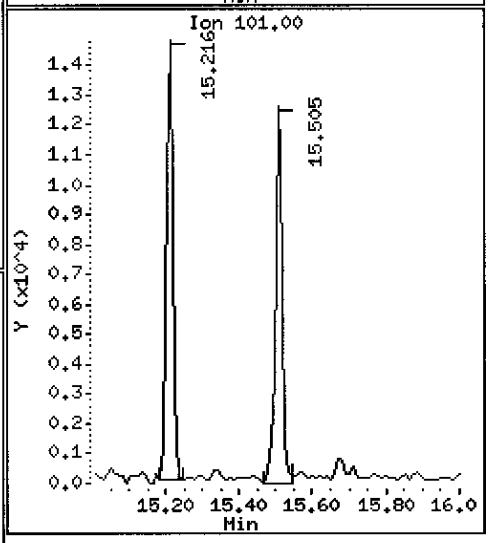












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D

Date : 24-AUG-2005 23:56

Client ID: SD07-S-0

Instrument: S4.i

Sample Info: D0926-06A,,19468,,

Volume Injected (uL): 2.0

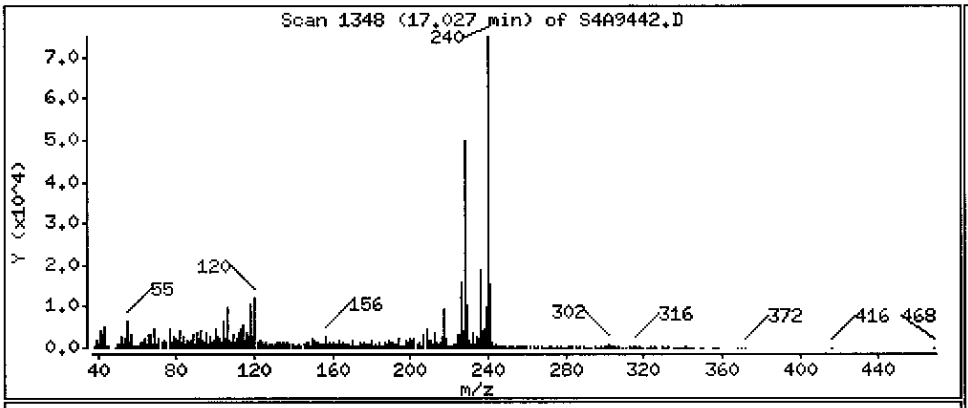
Operator: AW SRC: LIMS

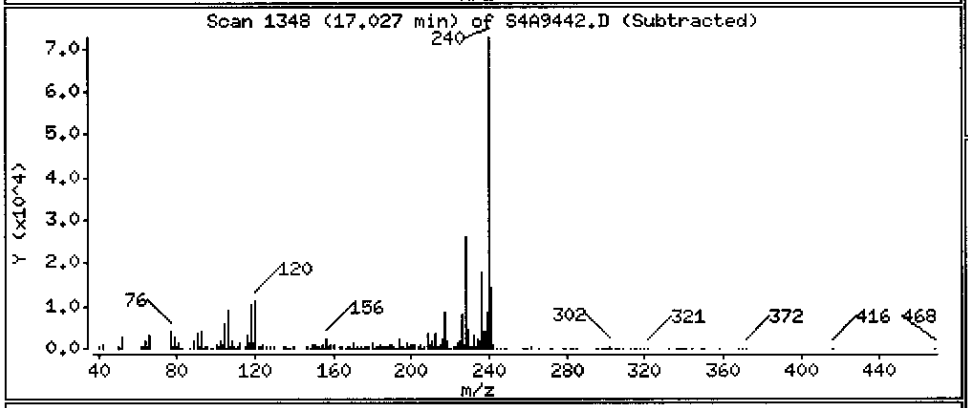
Column phase: DB-5MS

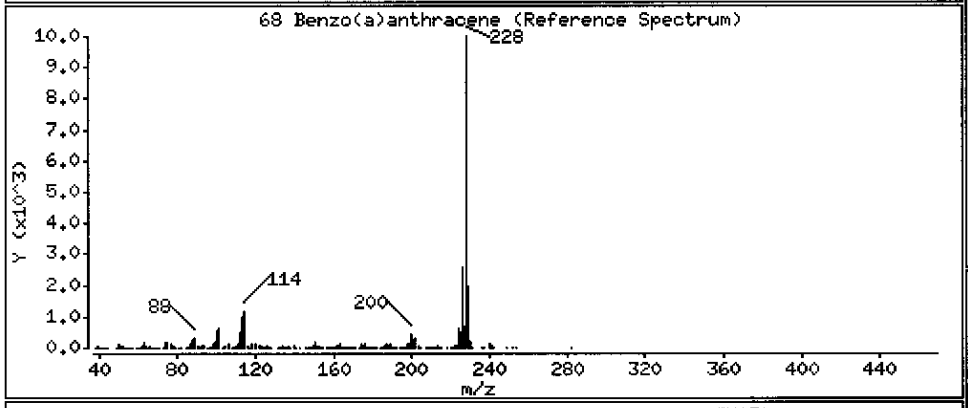
Column diameter: 0.25

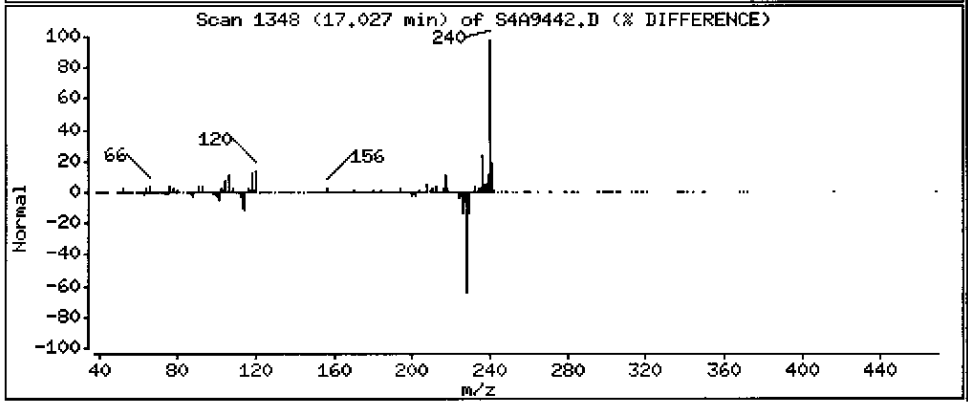
68 Benzo(a)anthracene

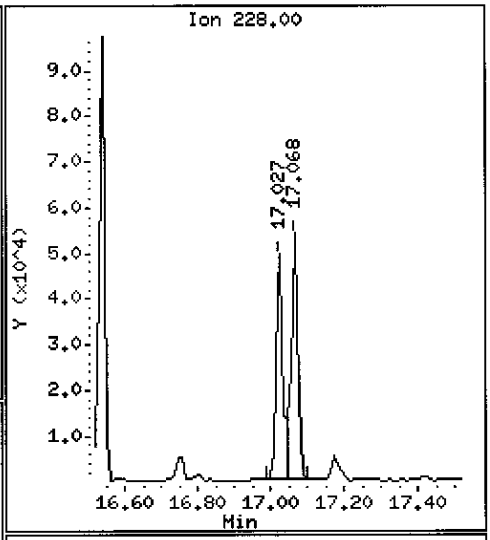
Concentration: 390 ug/Kg

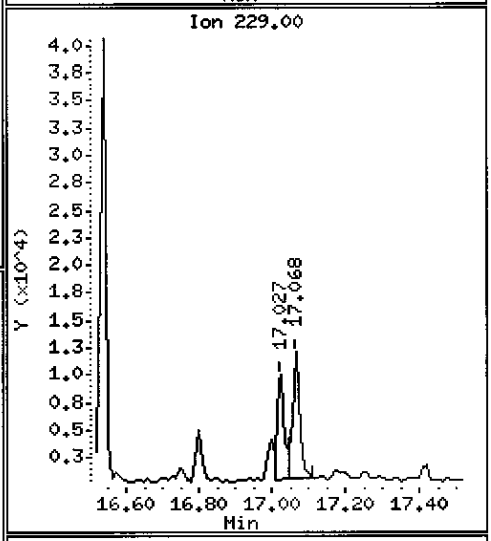


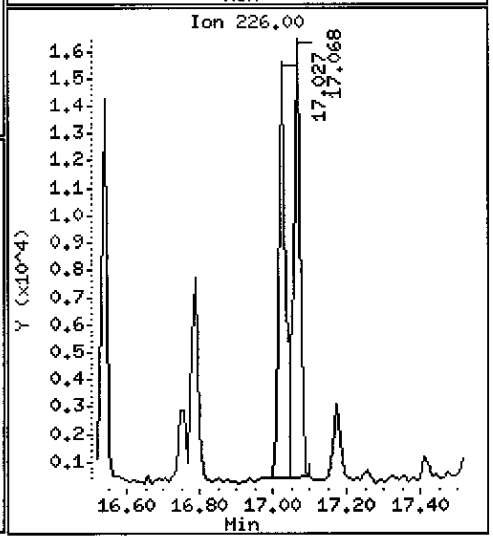












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D

Date : 24-AUG-2005 23:56

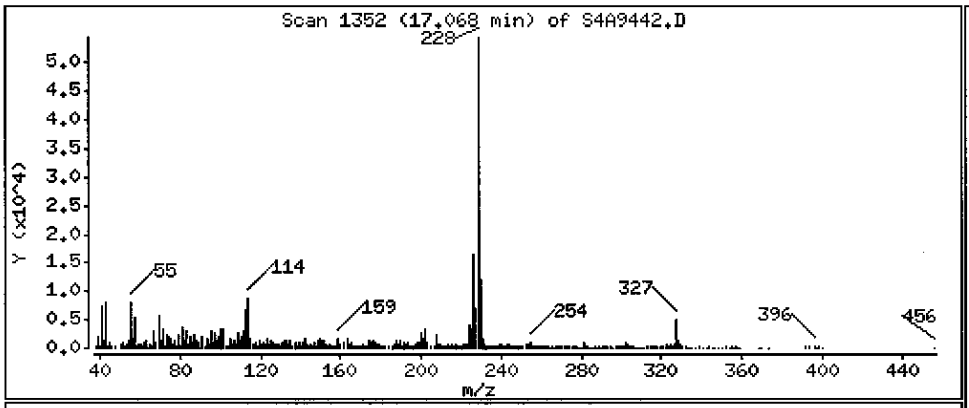
Client ID: SD07-S-0 Instrument: S4.i

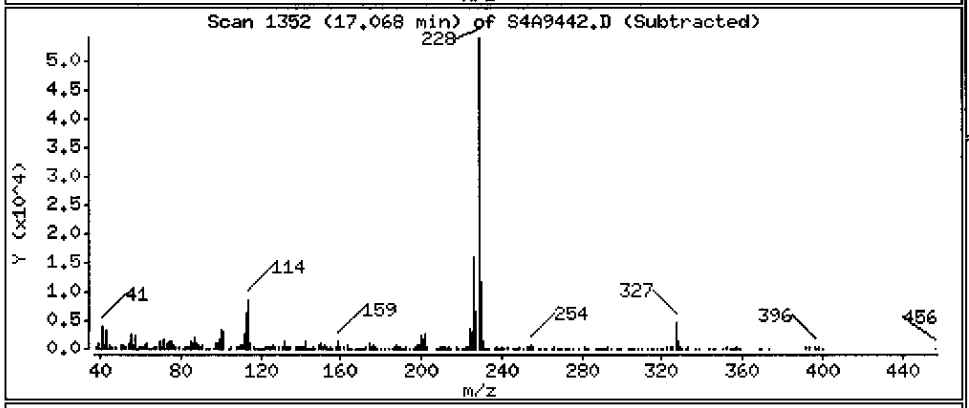
Sample Info: D0926-06A,,19468,,

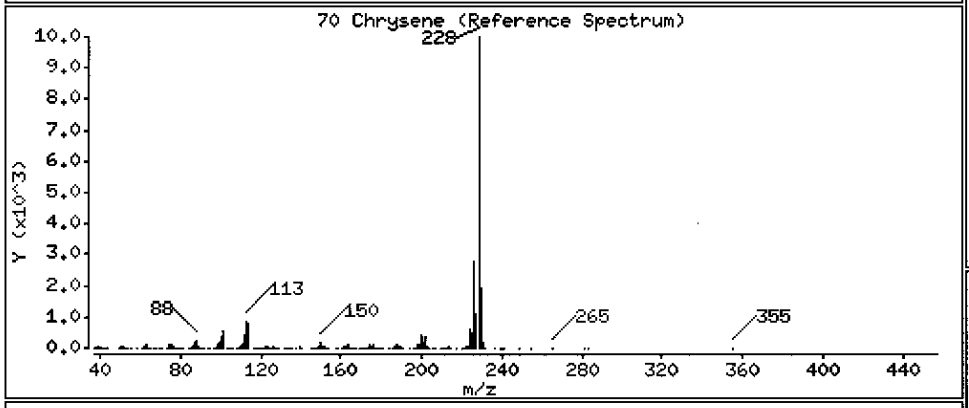
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

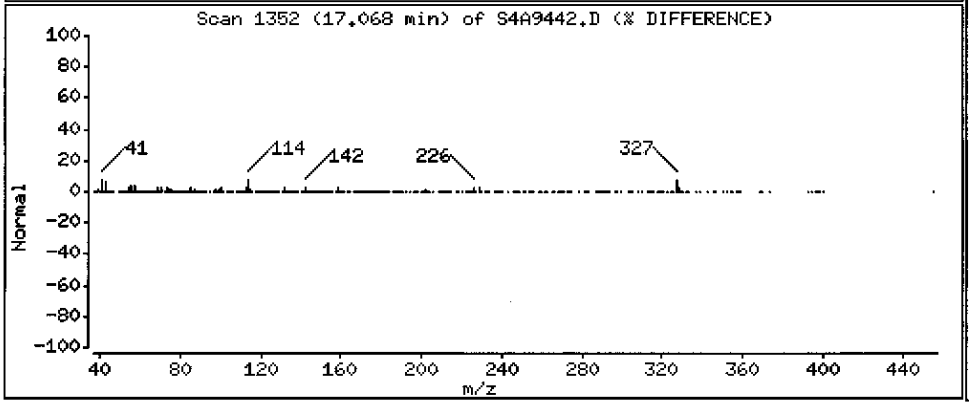
Column phase: DB-5MS Column diameter: 0.25

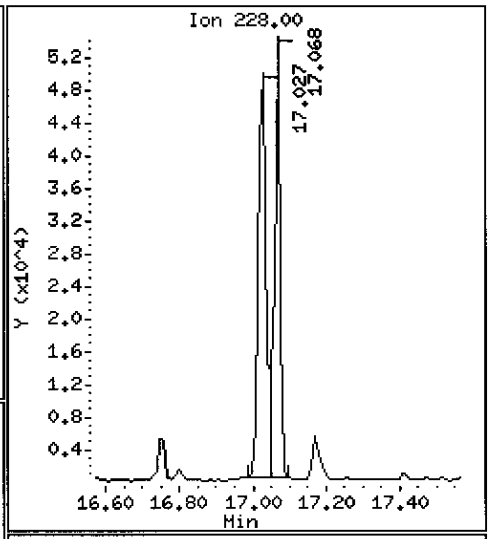
70 Chrysene Concentration: 360 ug/Kg

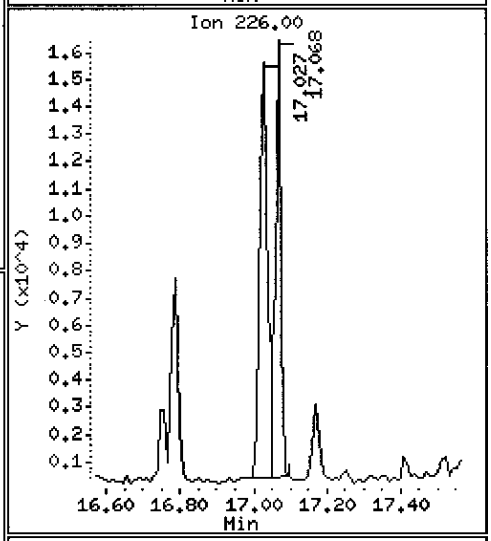


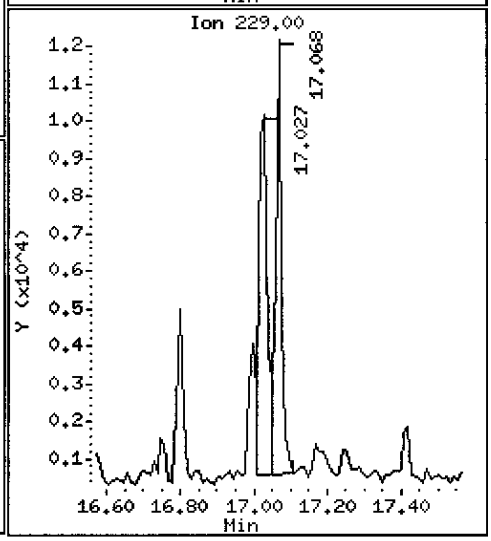












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D

Date : 24-AUG-2005 23:56

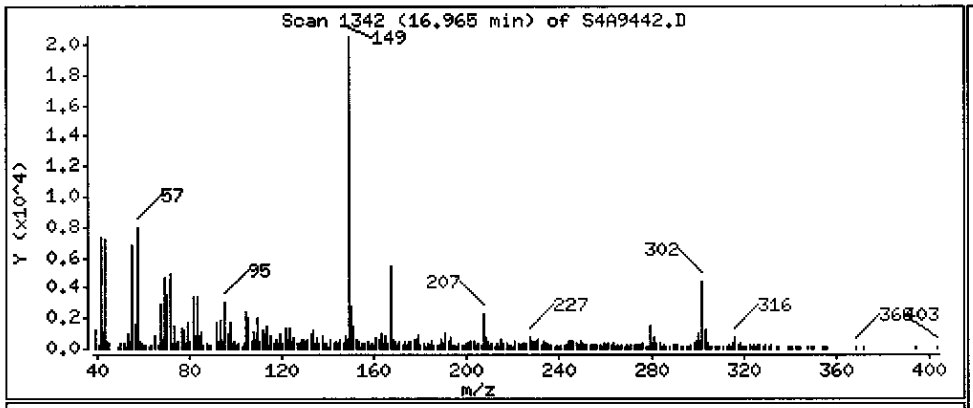
Client ID: SD07-S-0 Instrument: S4.i

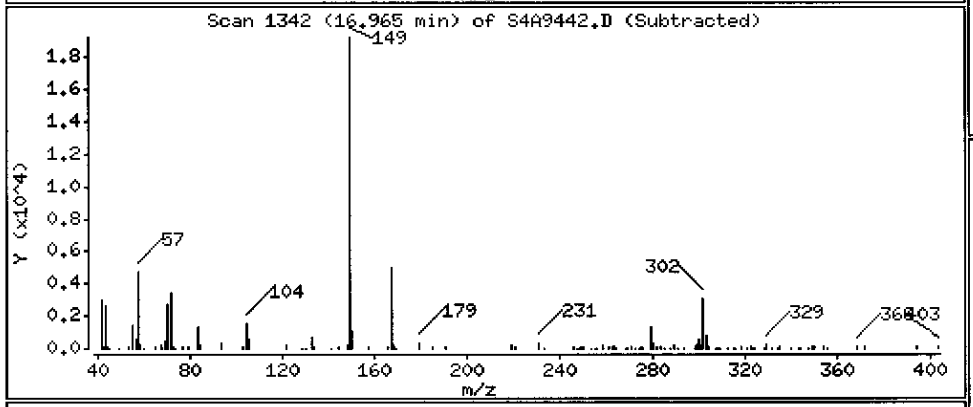
Sample Info: D0926-06A,,19468,,

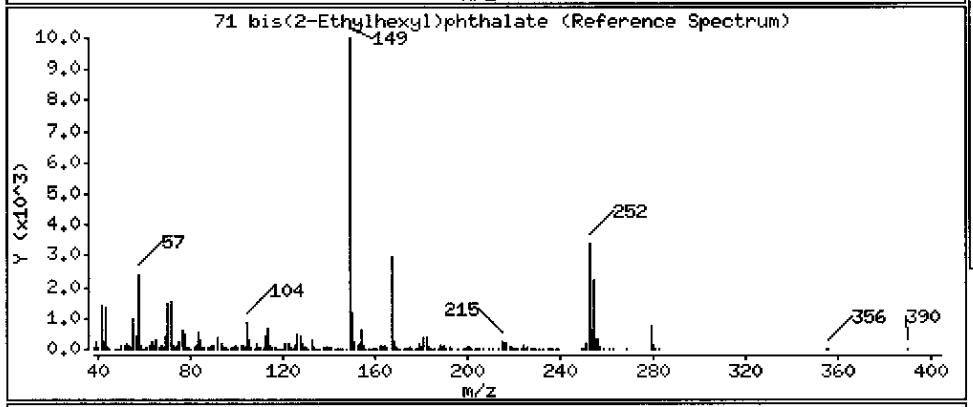
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

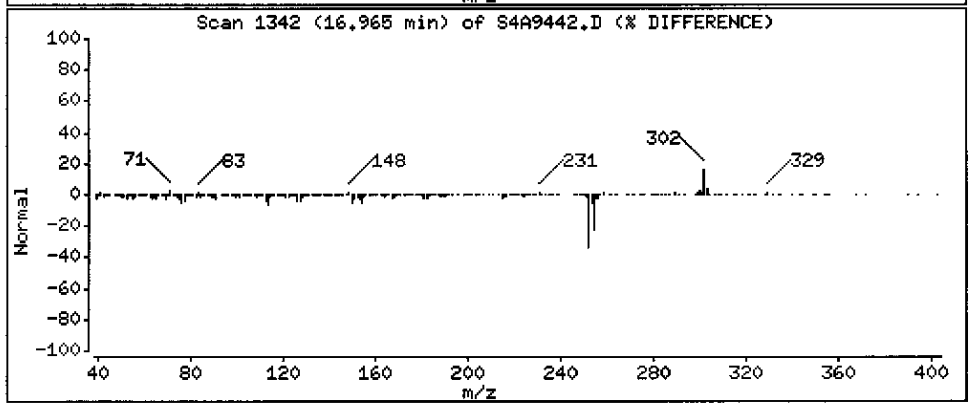
Column phase: DB-5MS Column diameter: 0.25

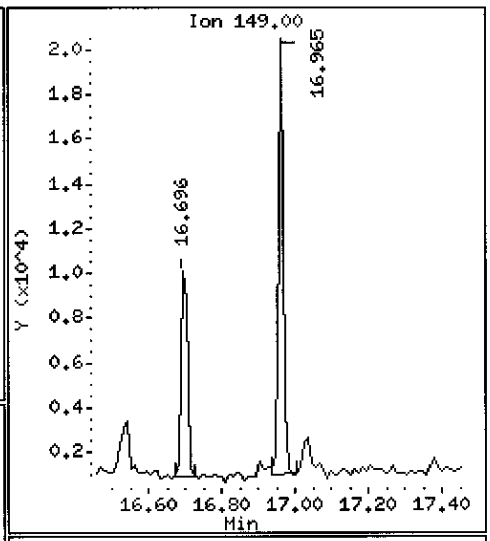
71 bis(2-Ethylhexyl)phthalate Concentration: 130 ug/Kg

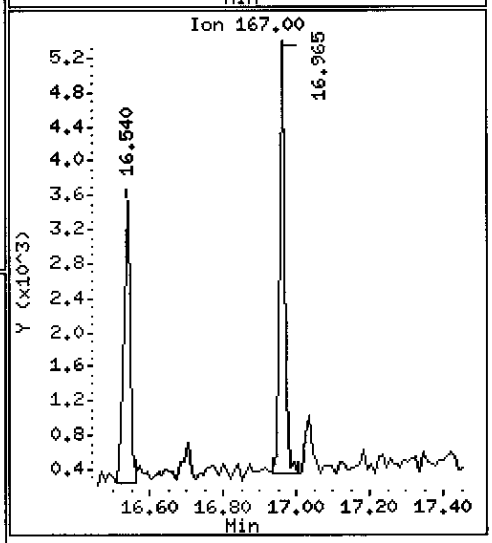












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D

Date : 24-AUG-2005 23:56

Client ID: SD07-S-O

Instrument: S4.i

Sample Info: D0926-06A,,19468,,

Volume Injected (uL): 2.0

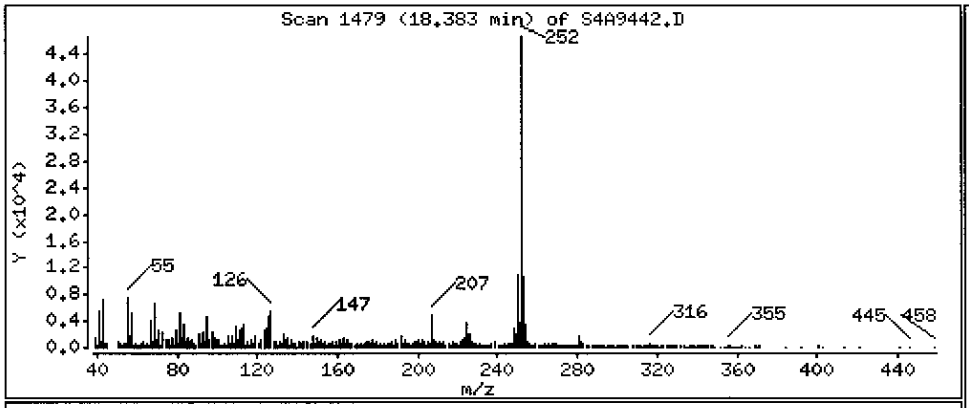
Operator: AW SRC: LIMS

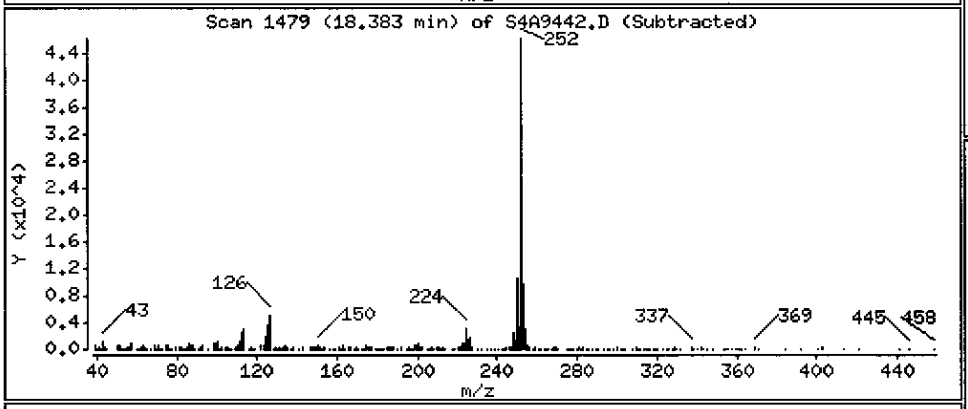
Column phase: DB-5MS

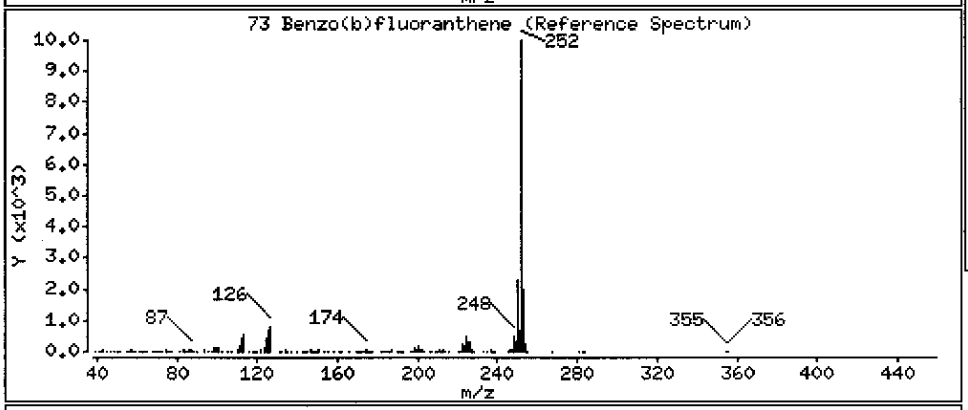
Column diameter: 0.25

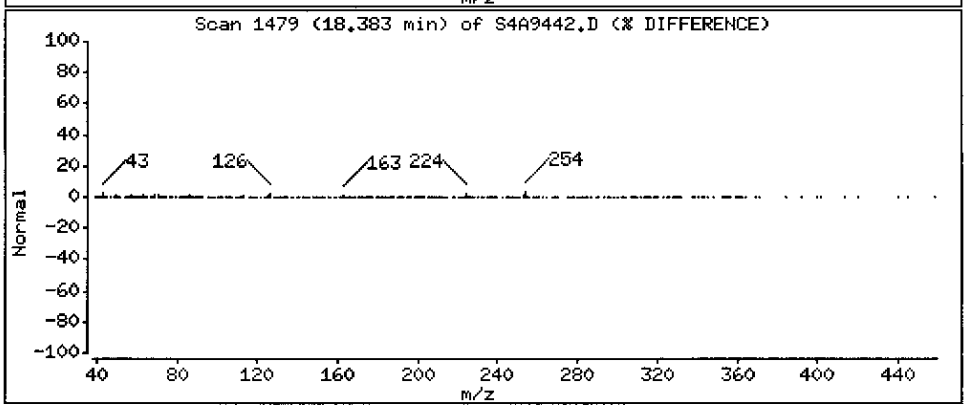
73 Benzo(b)fluoranthene

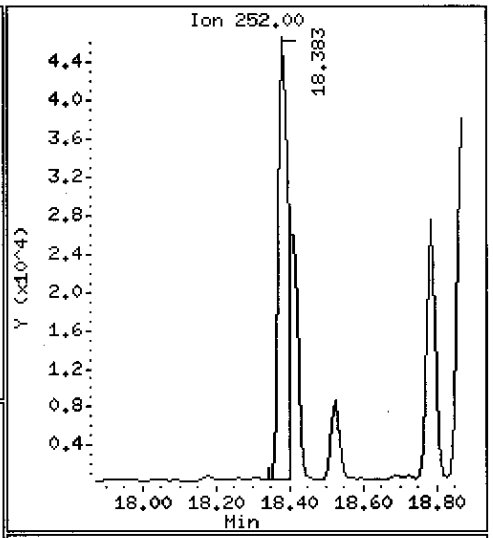
Concentration: 480 ug/Kg

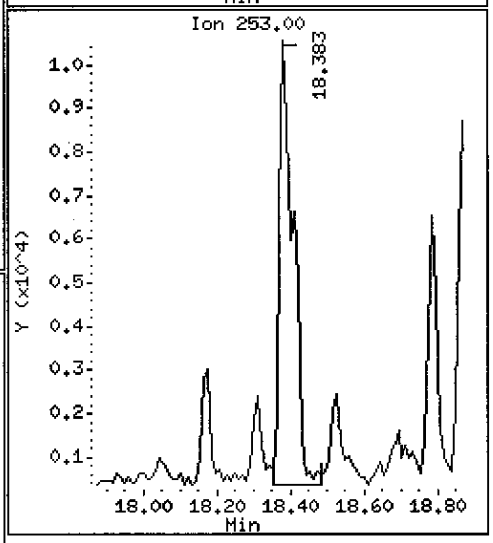












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D

Date : 24-AUG-2005 23:56

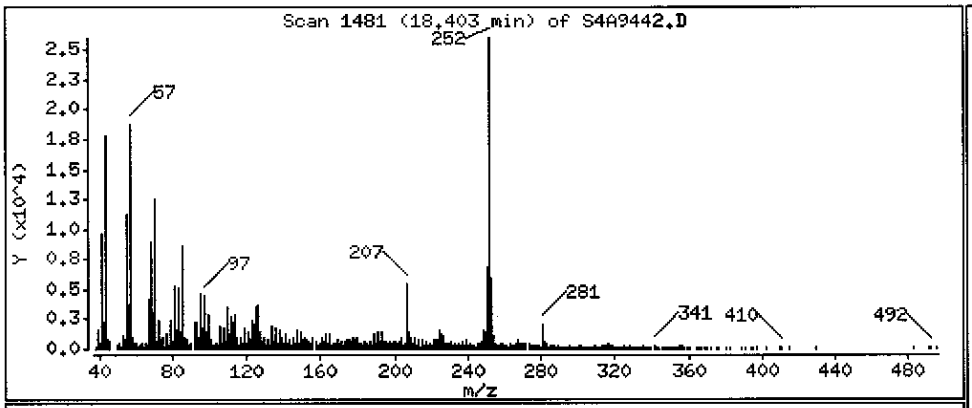
Client ID: SD07-S-0 Instrument: S4.i

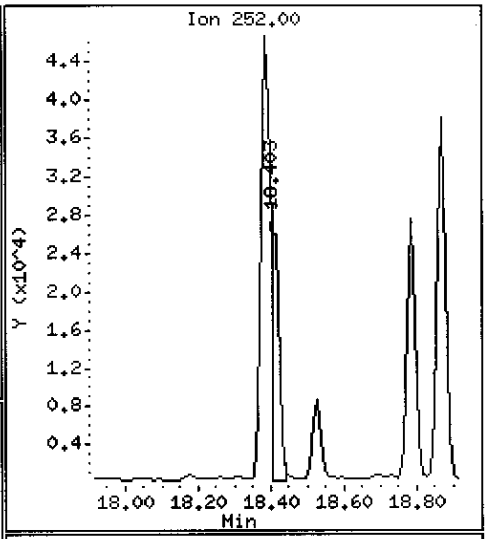
Sample Info: D0926-06A,,19468,,

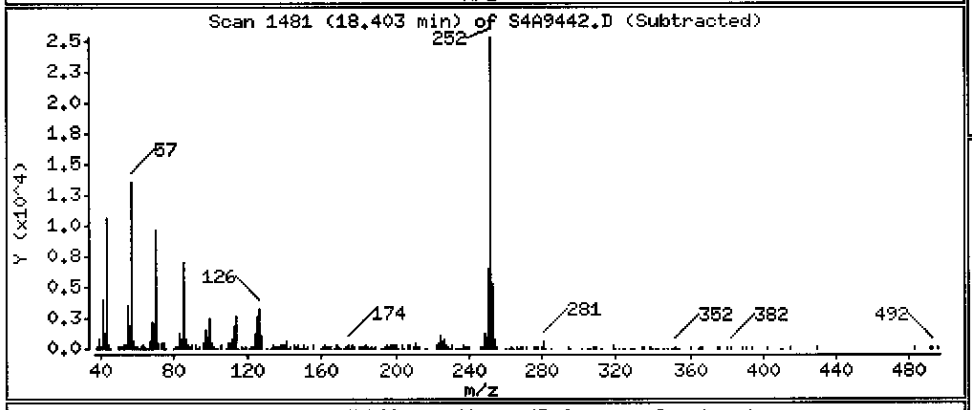
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

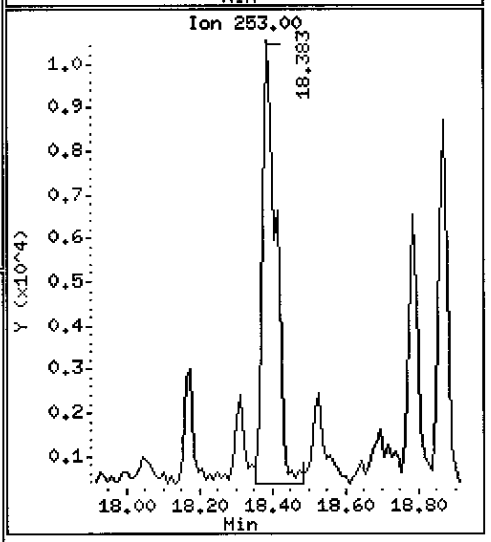
Column phase: DB-5MS Column diameter: 0.25

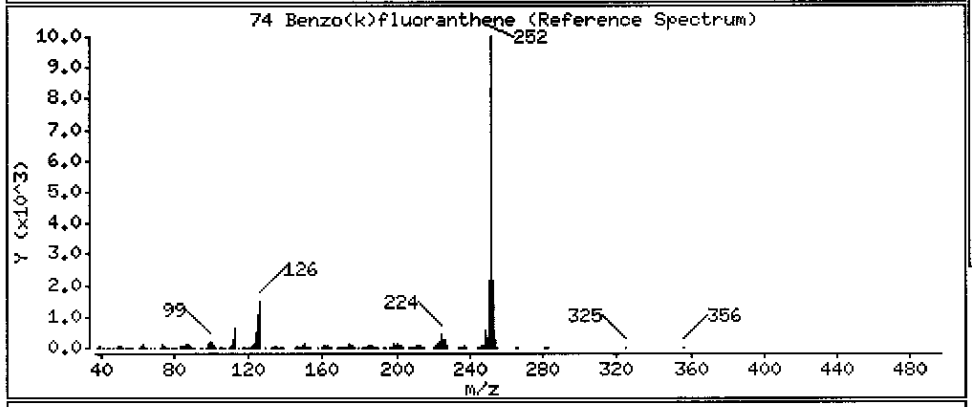
74 Benzo(k)fluoranthene Concentration: 240 ug/Kg

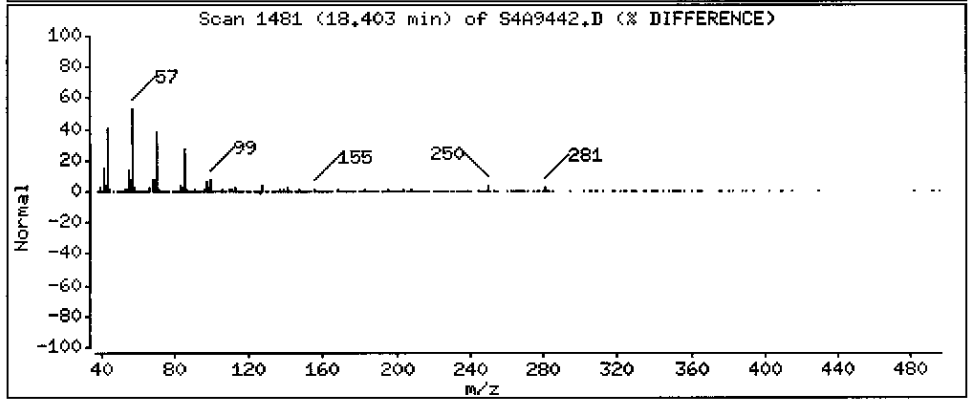












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D

Date : 24-AUG-2005 23:56

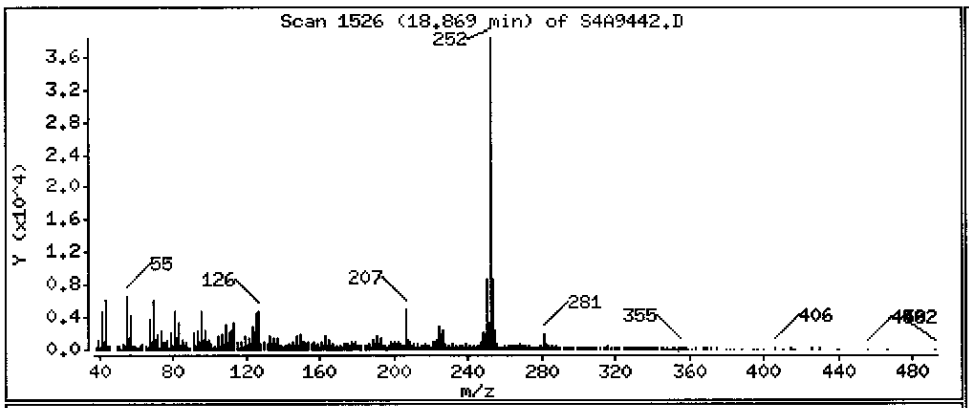
Client ID: SD07-S-0 Instrument: S4.i

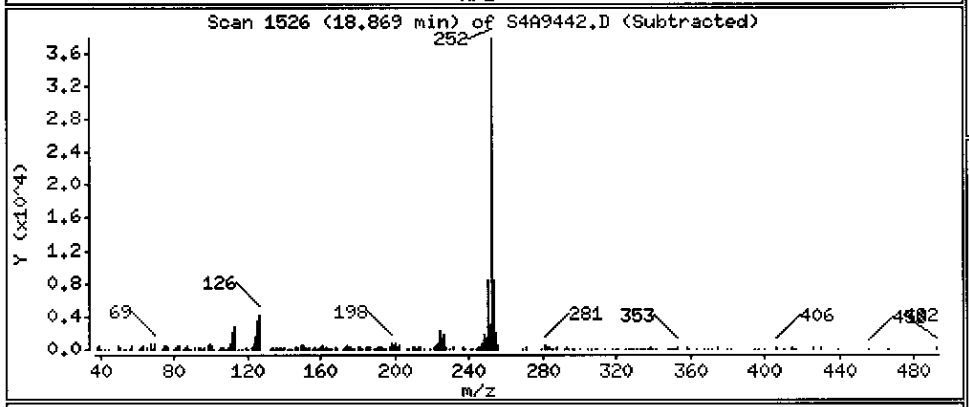
Sample Info: D0926-06A,,19468,,

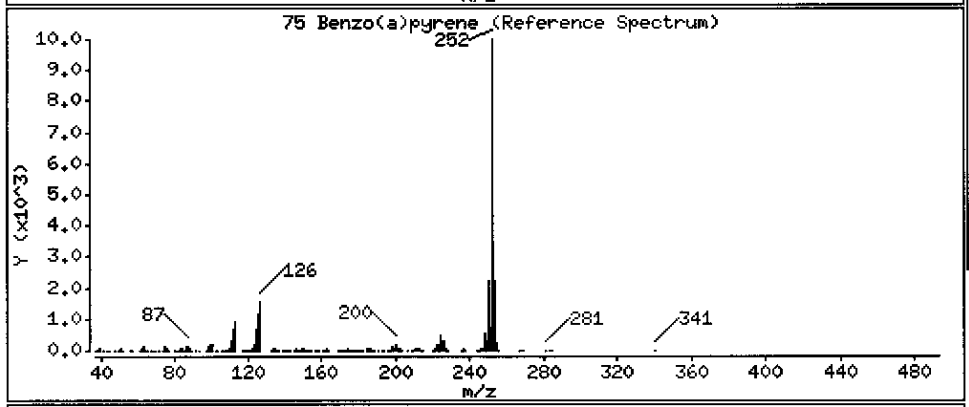
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

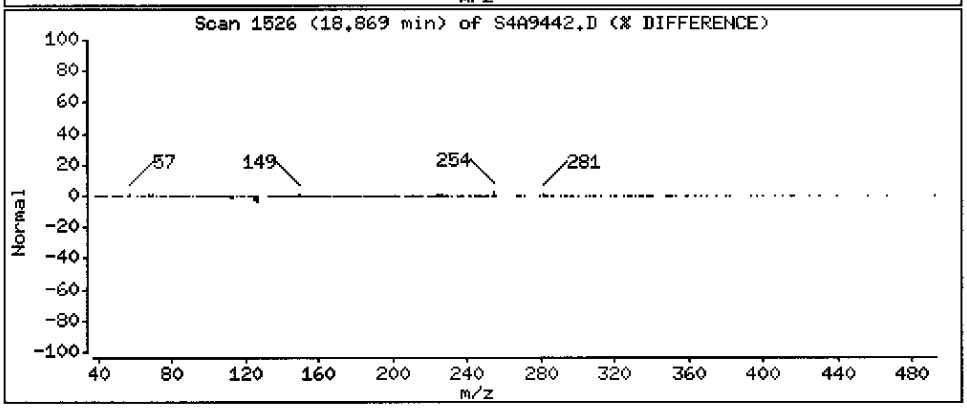
Column phase: DB-5MS Column diameter: 0.25

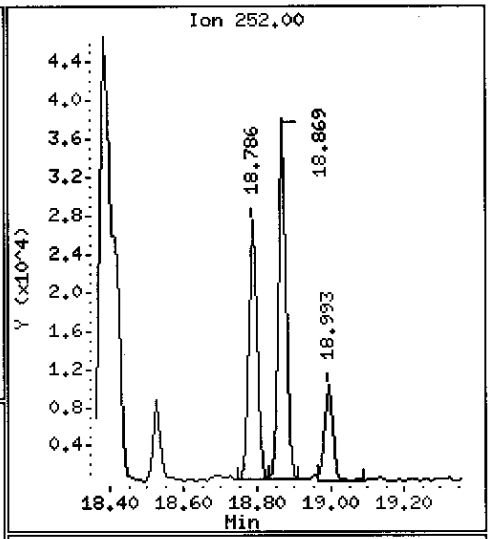
75 Benzo(a)pyrene Concentration: 390 ug/Kg

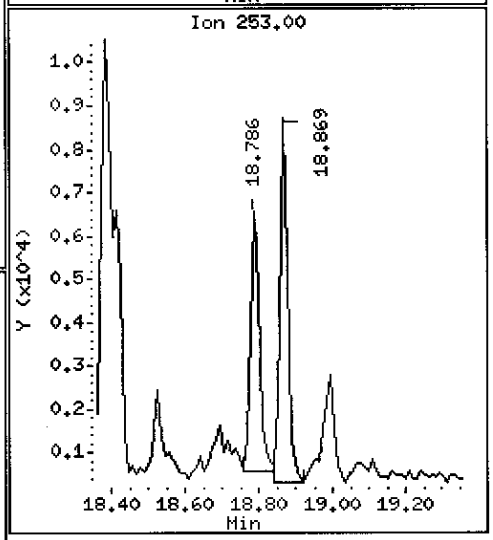












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D

Date : 24-AUG-2005 23:56

Client ID: SD07-S-O

Instrument: S4.i

Sample Info: D0926-06A,,19468,,

Volume Injected (uL): 2.0

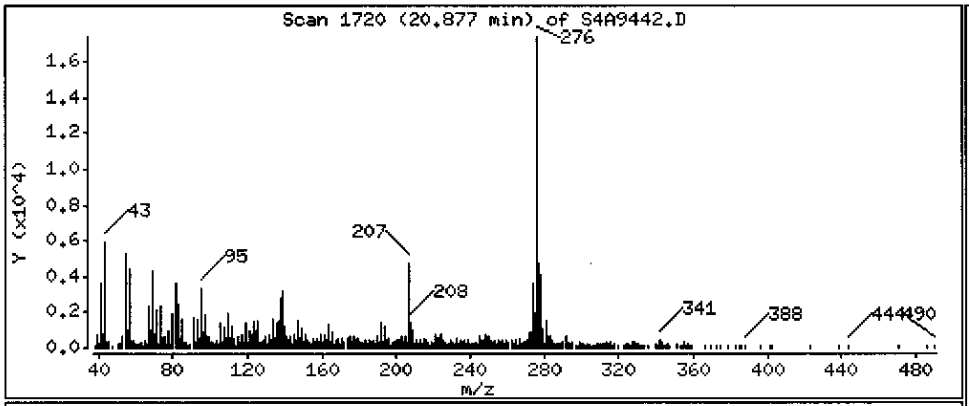
Operator: AW SRC: LIMS

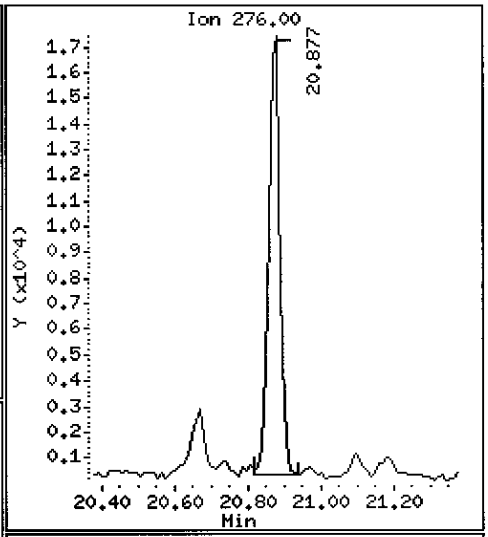
Column phase: DB-5MS

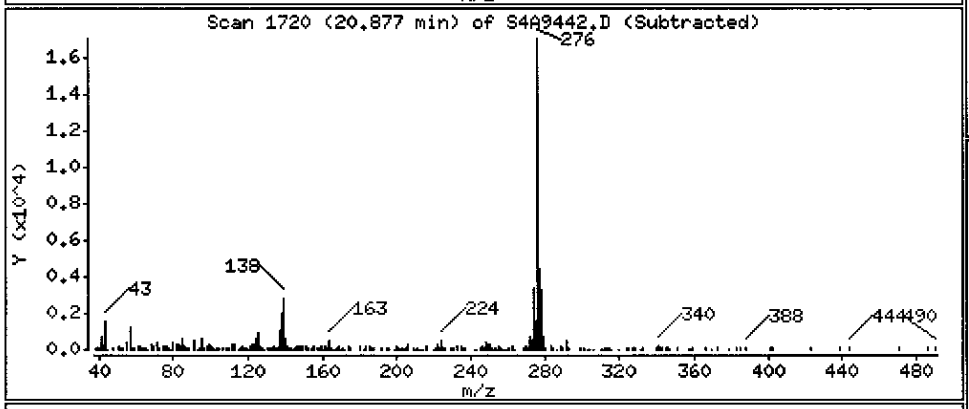
Column diameter: 0.25

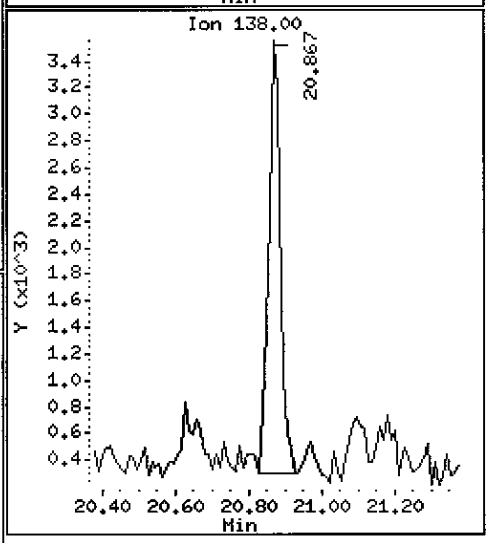
77 Indeno(1,2,3-cd)pyrene

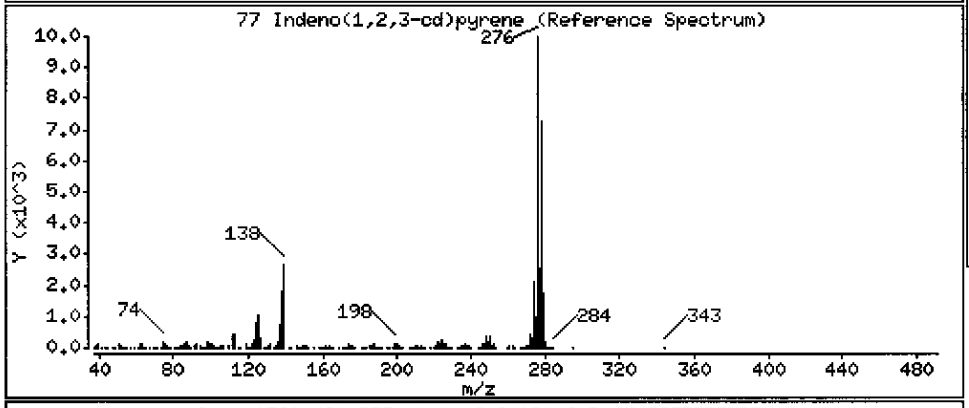
Concentration: 210 ug/Kg

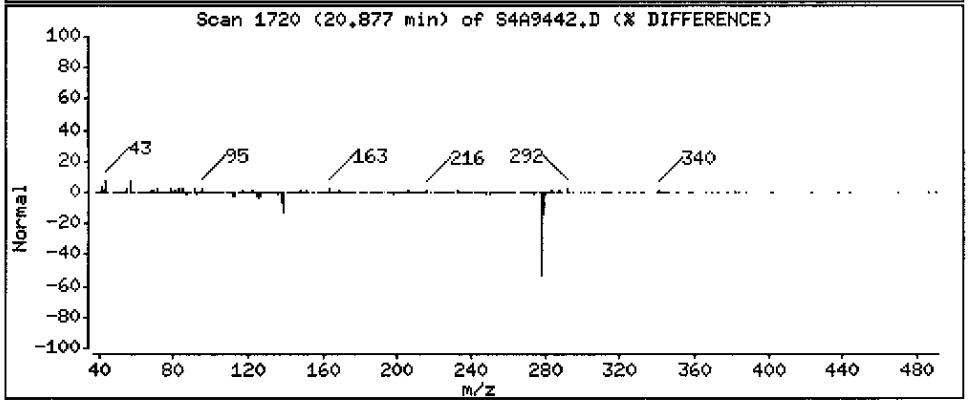












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D

Date : 24-AUG-2005 23:56

Client ID: SD07-S-O

Instrument: S4.i

Sample Info: D0926-06A,,19468,,

Volume Injected (uL): 2.0

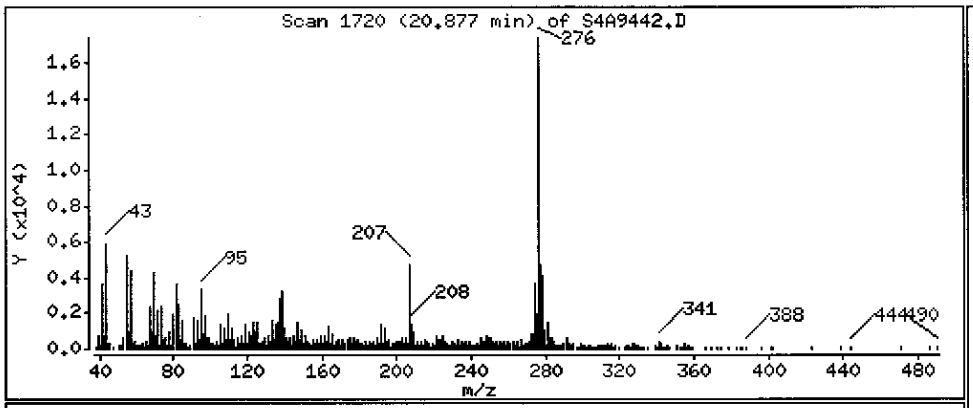
Operator: AW SRC: LIMS

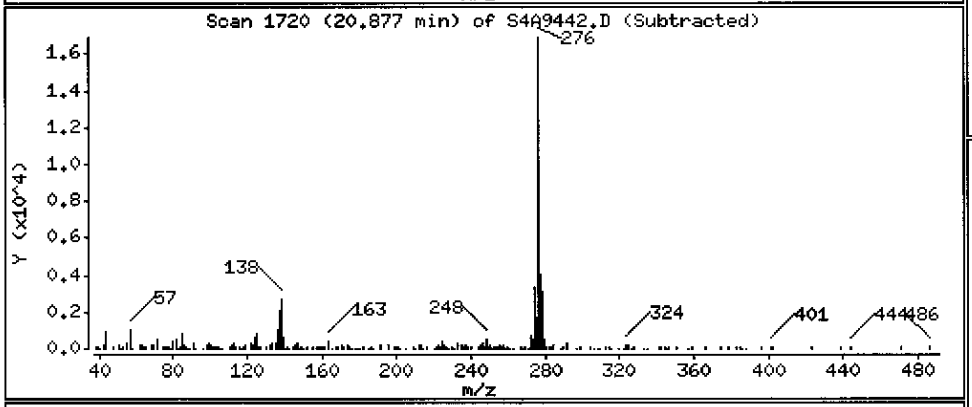
Column phase: DB-5MS

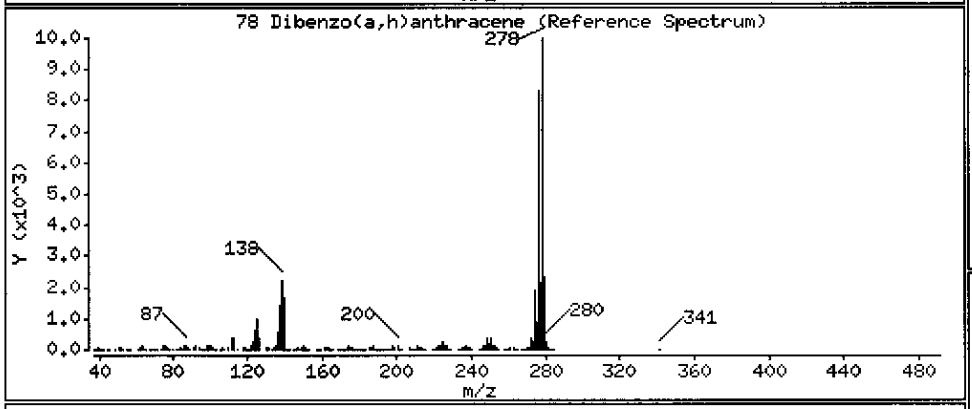
Column diameter: 0.25

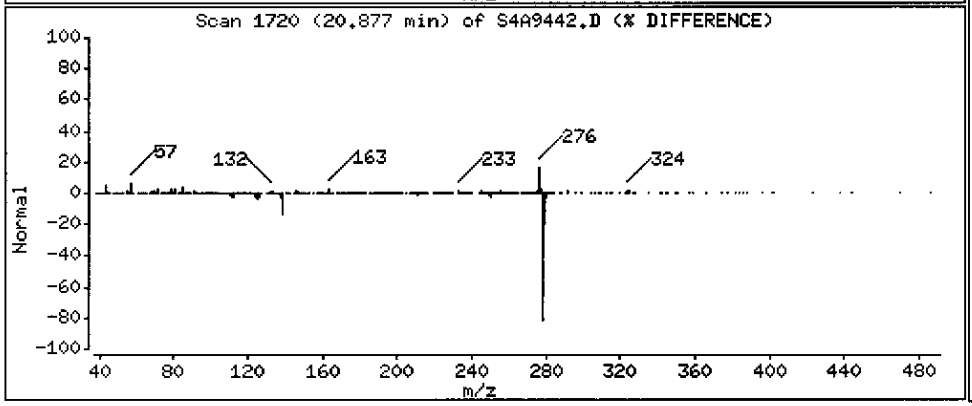
78 Dibenzo(a,h)anthracene

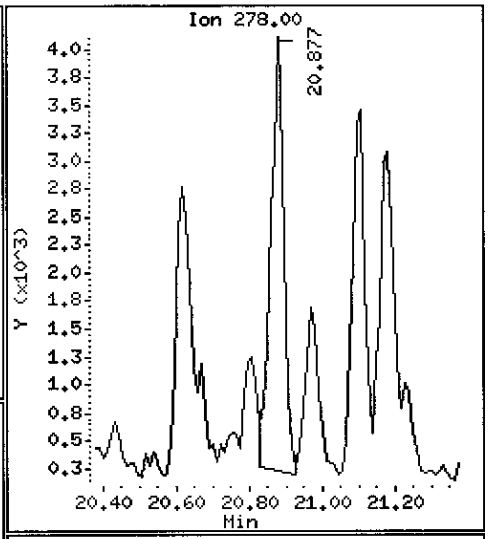
Concentration: 65 ug/Kg

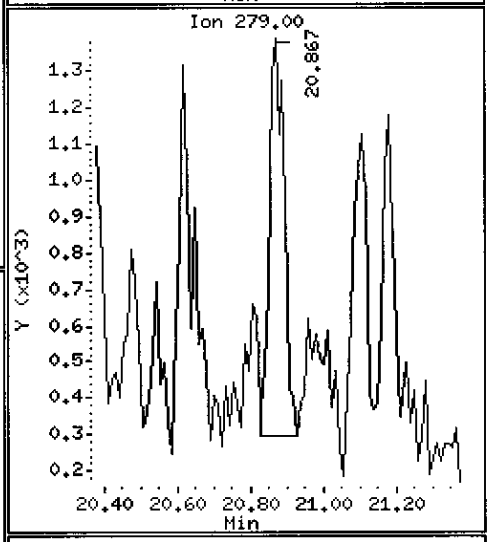


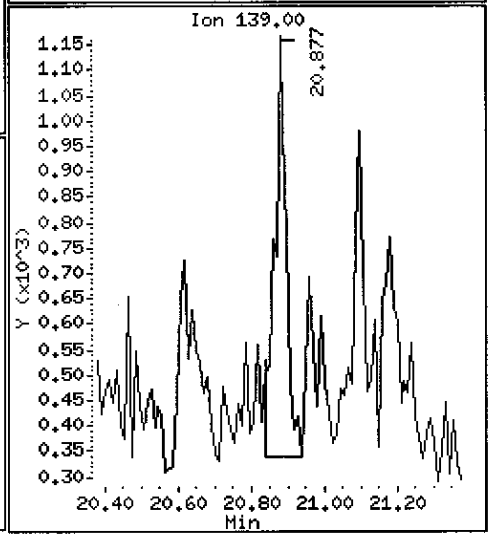












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D

Date : 24-AUG-2005 23:56

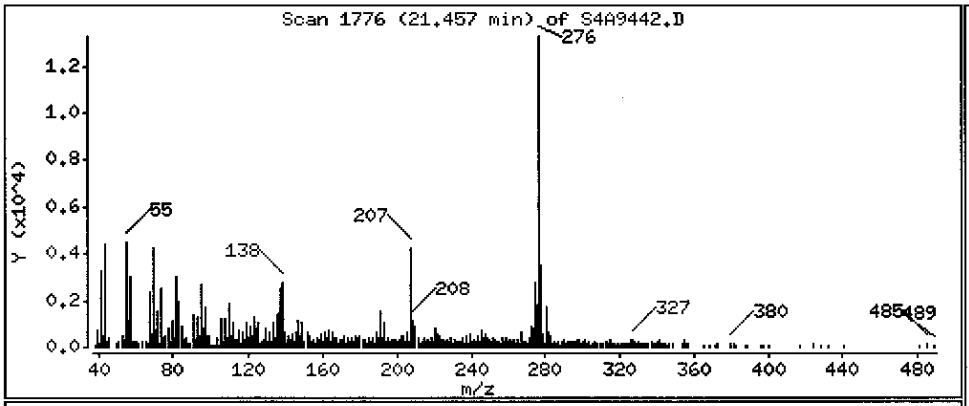
Client ID: SD07-S-0 Instrument: S4.i

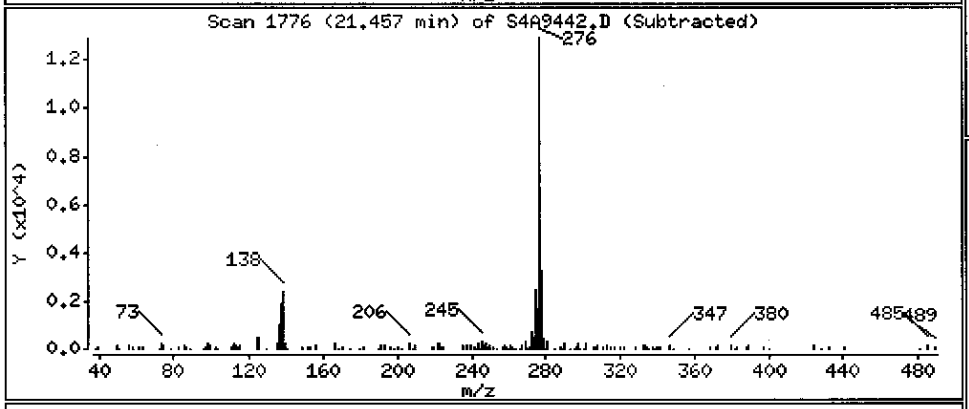
Sample Info: D0926-06A,,19468,,

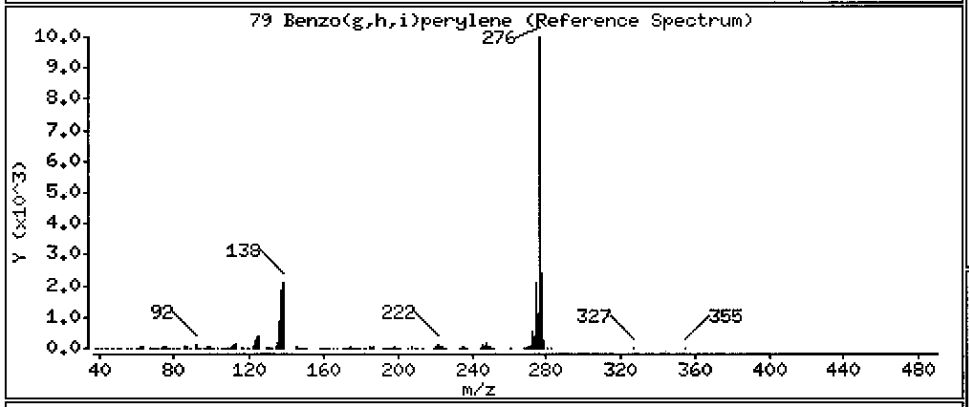
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

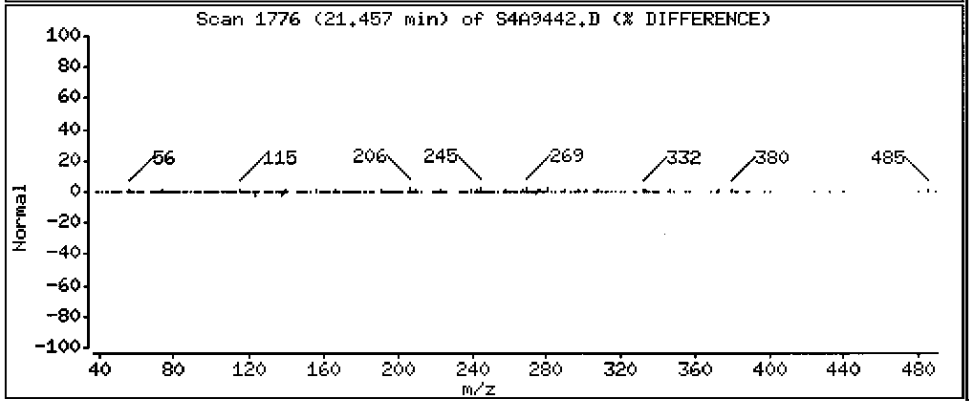
Column phase: DB-5MS Column diameter: 0.25

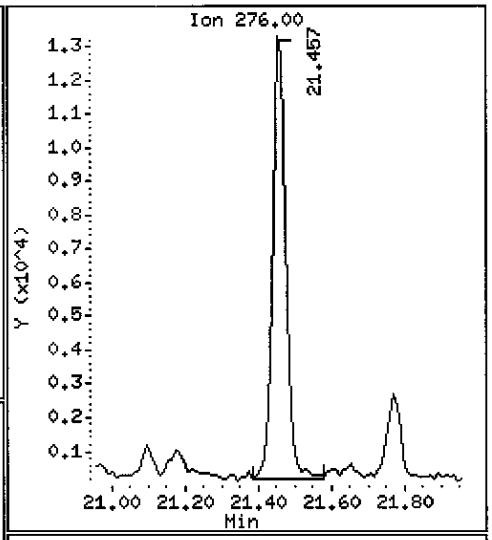
79 Benzo(g,h,i)perylene Concentration: 240 ug/Kg

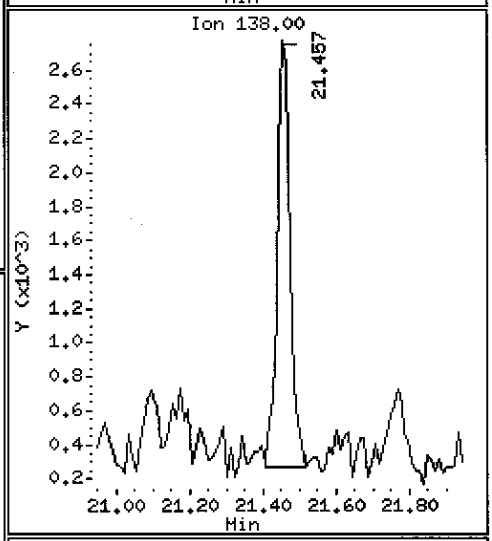


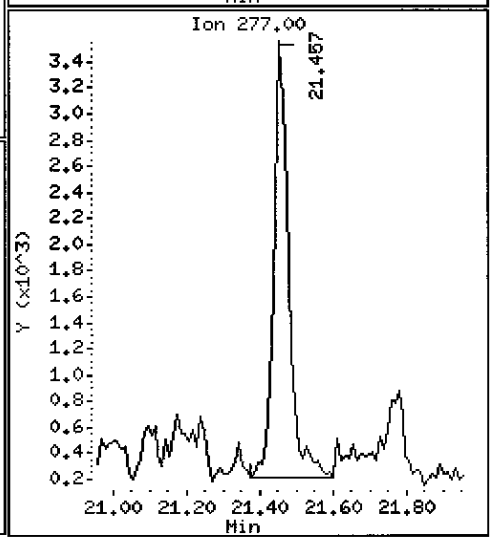












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D

Date : 24-AUG-2005 23:56

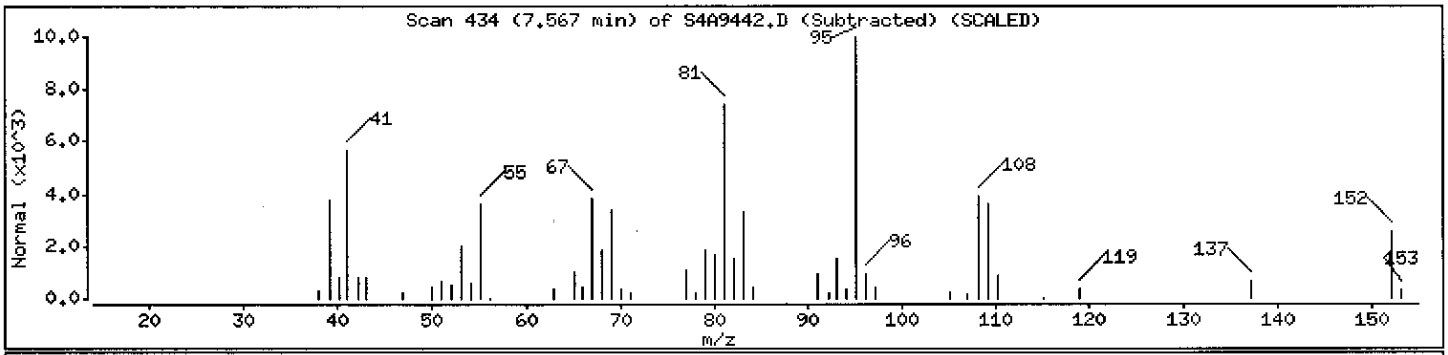
Client ID: SD07-S-0 Instrument: S4.i

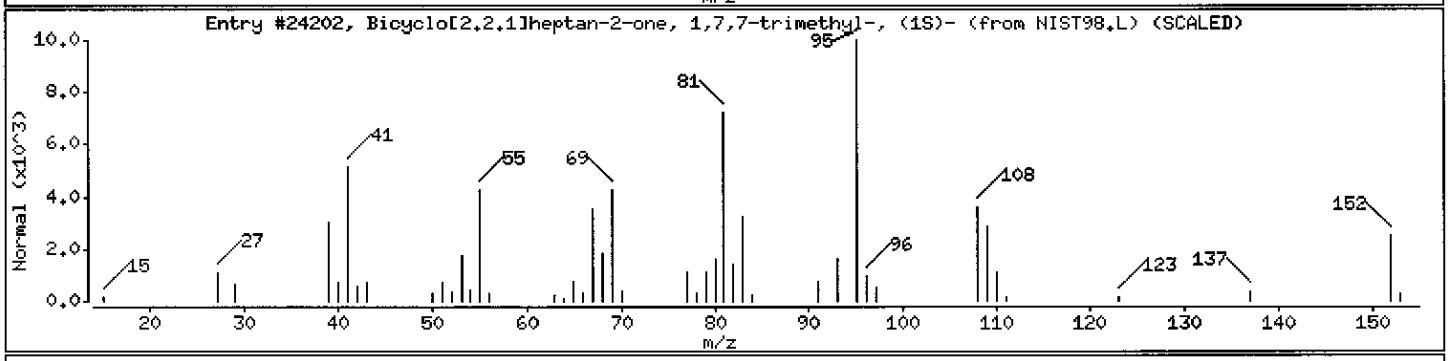
Sample Info: D0926-06A,,19468,,

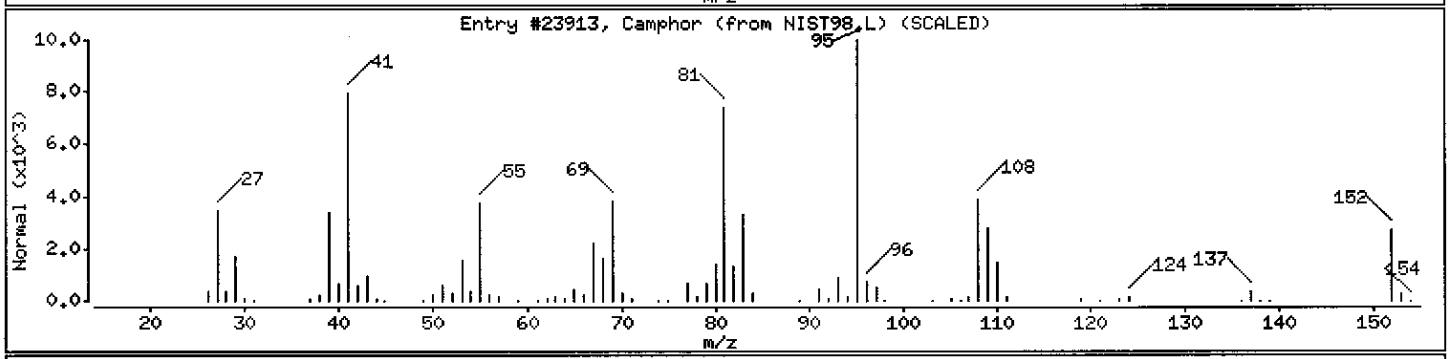
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimet	464-48-2	NIST98.L	24202	95	C10H160	**152**
Camphor	76-22-2	NIST98.L	23913	93	C10H160	**152**







Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D

Date : 24-AUG-2005 23:56

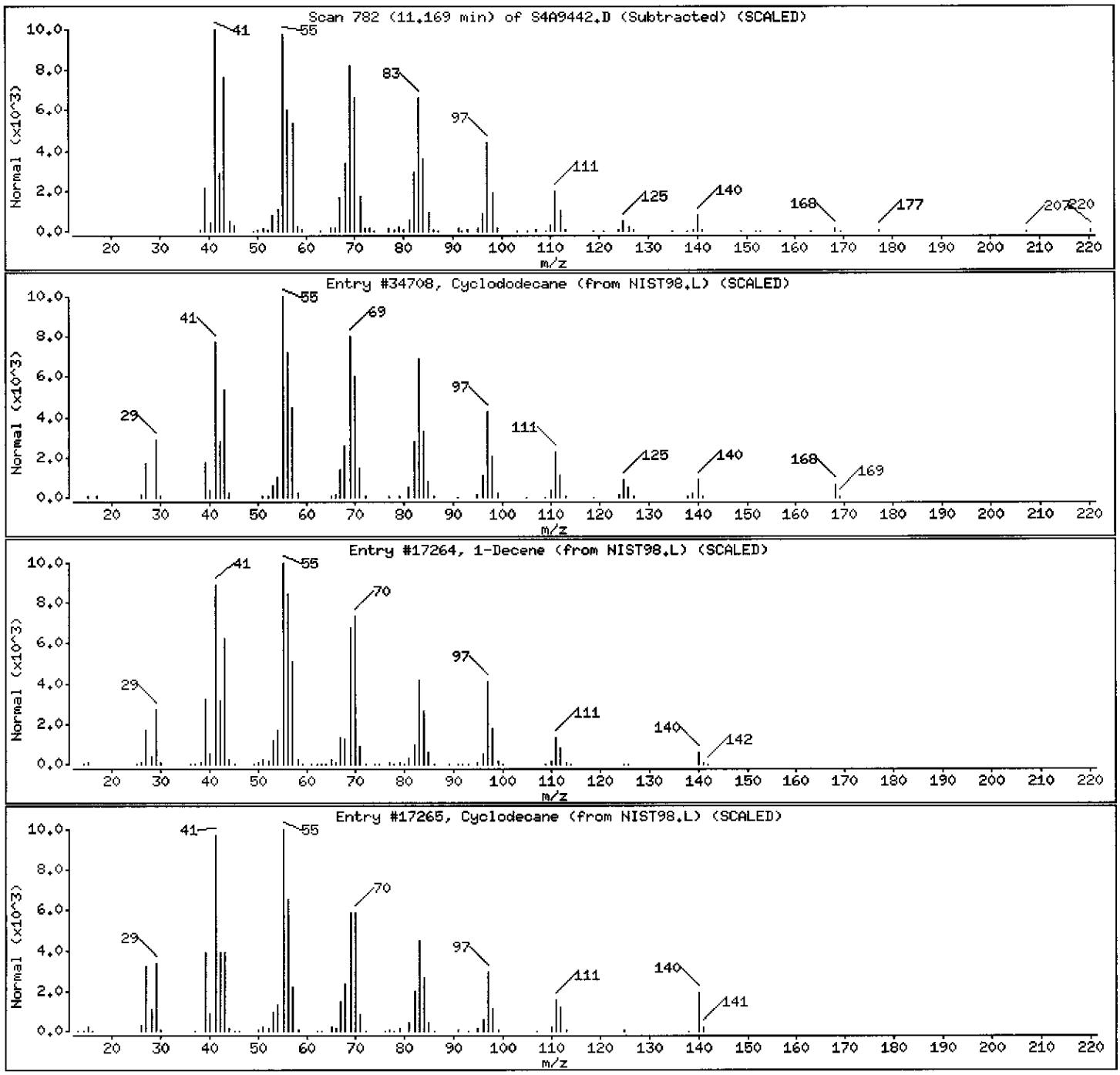
Client ID: SD07-S-0 Instrument: S4.i

Sample Info: D0926-06A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34708	96	C12H24	168
1-Decene	872-05-9	NIST98.L	17264	94	C10H20	140
Cyclodecane	293-96-9	NIST98.L	17265	91	C10H20	140



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D

Date : 24-AUG-2005 23:56

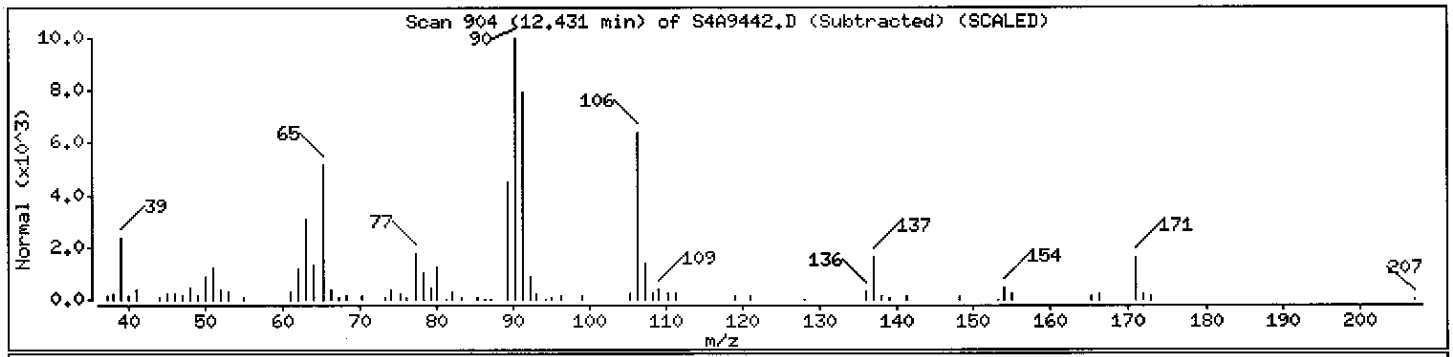
Client ID: SD07-S-0 Instrument: S4.i

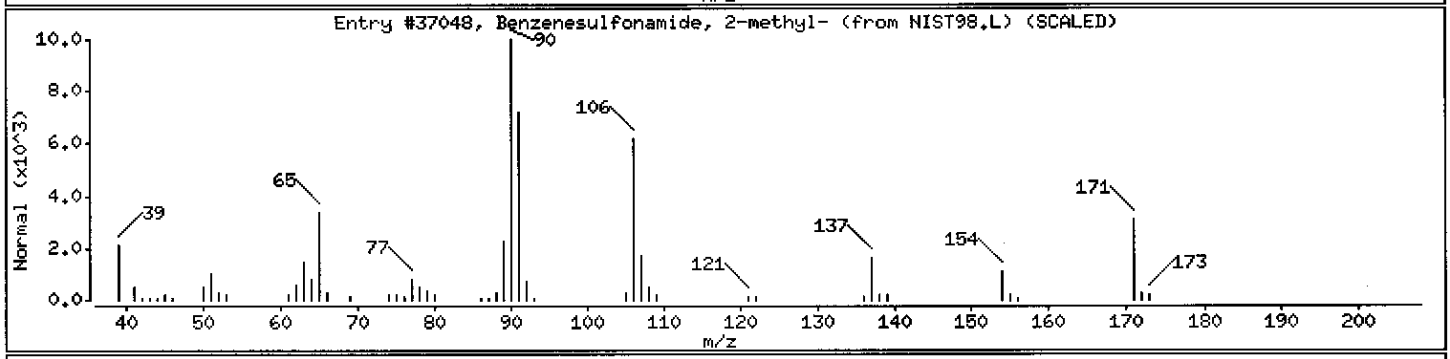
Sample Info: D0926-06A,,19468,,

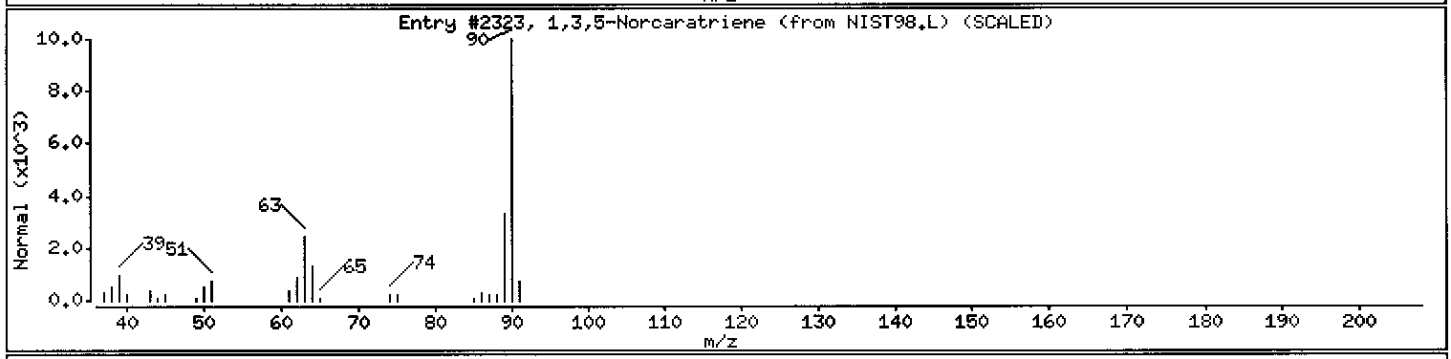
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzenesulfonamide, 2-methyl-	88-19-7	NIST98.L	37048	91	C7H9NO2S	171
1,3,5-Norcaratriene	4646-69-9	NIST98.L	2323	49	C7H6	90







Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D

Date : 24-AUG-2005 23:56

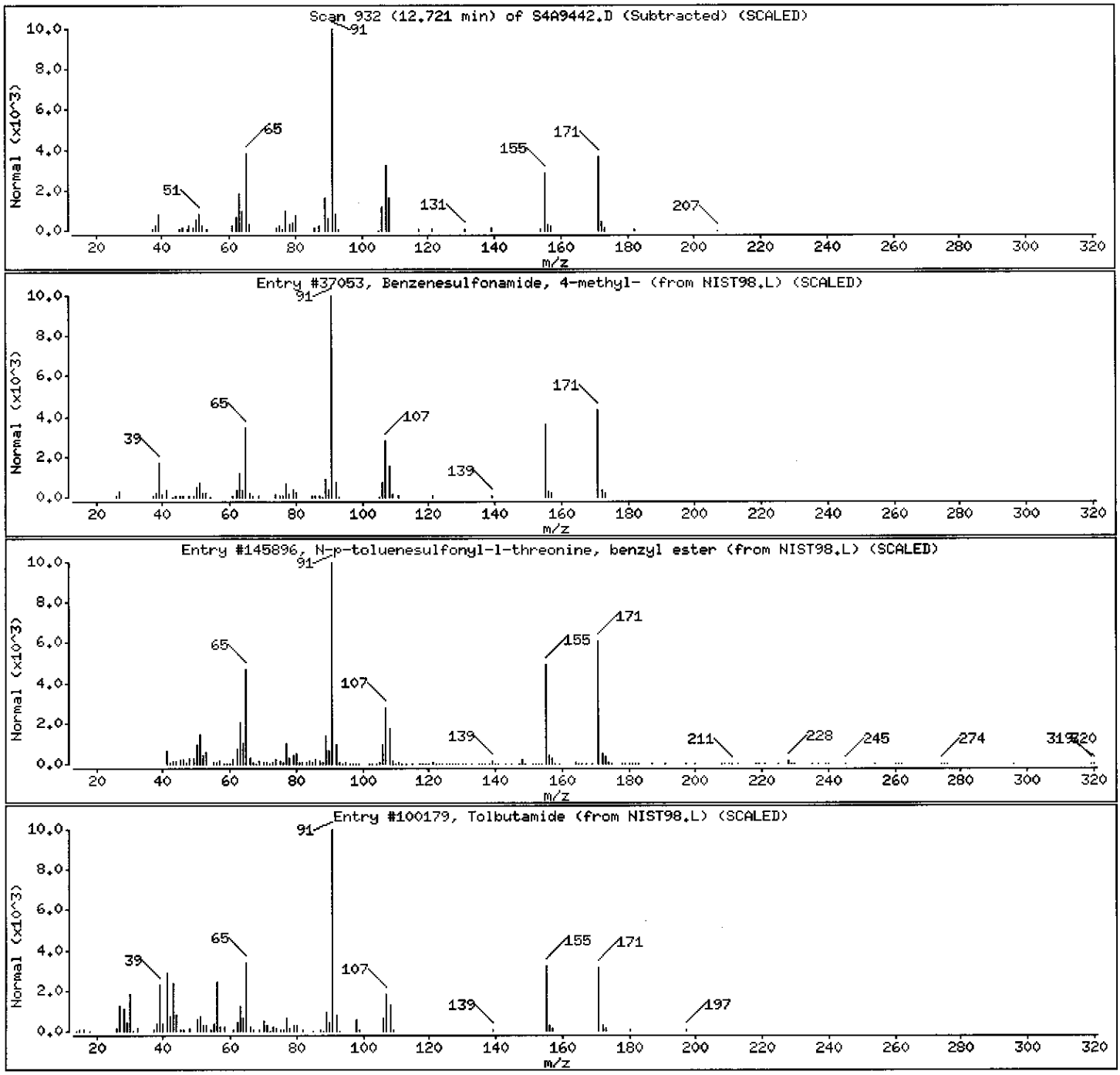
Client ID: SD07-S-0 Instrument: S4.i

Sample Info: D0926-06A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzenesulfonamide, 4-methyl-	70-55-3	NIST98.L	37053	97	C7H9NO2S	171
N-p-toluenesulfonyl-l-threonine, benzyl	1000130-34-4	NIST98.L	145896	91	C18H21NO5S	363
Tolbutamide	64-77-7	NIST98.L	100179	91	C12H18N2O3S	270



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D

Date : 24-AUG-2005 23:56

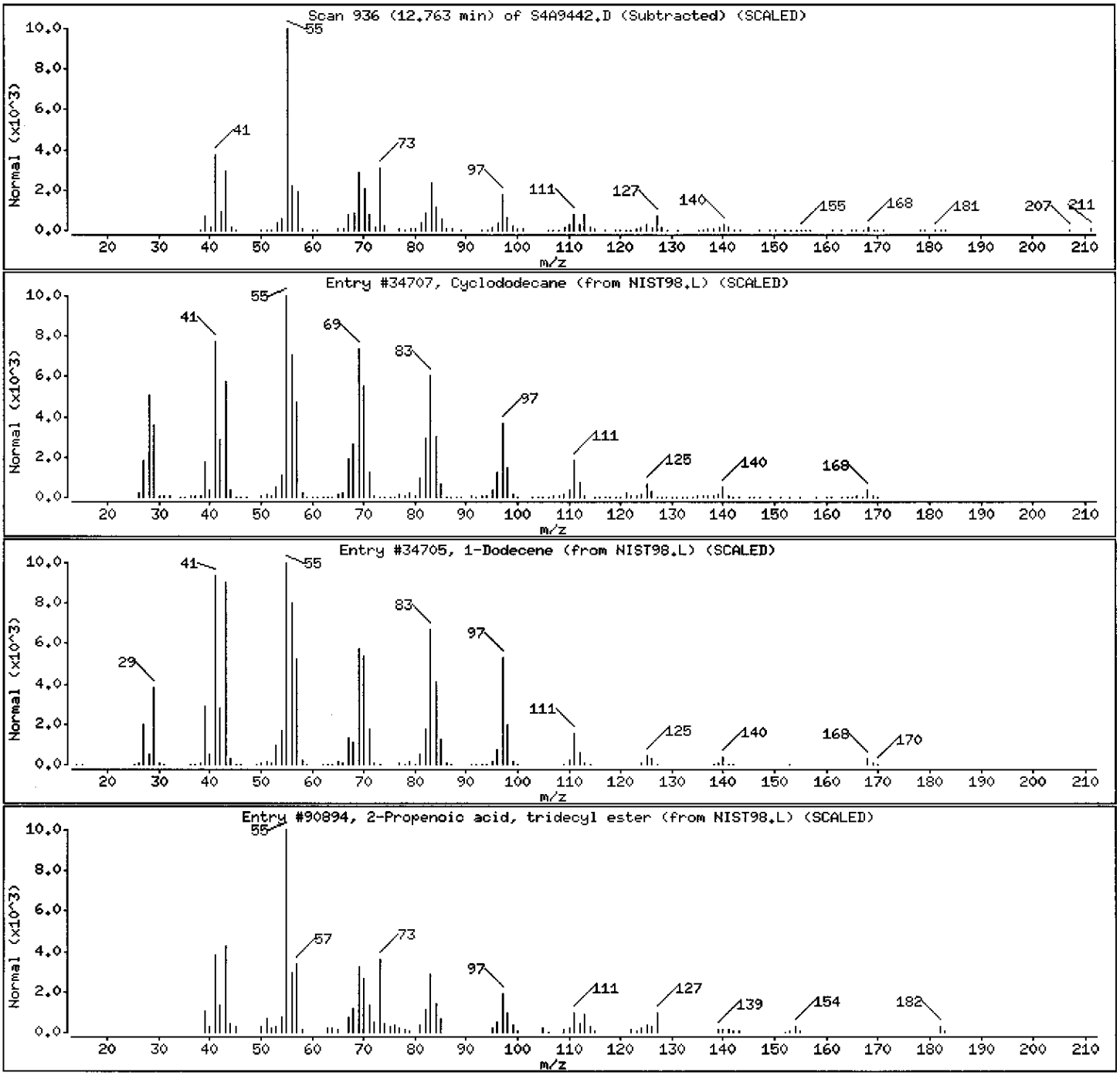
Client ID: SD07-S-0 Instrument: S4.i

Sample Info: D0926-06A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34707	92	C12H24	168
1-Dodecene	112-41-4	NIST98.L	34705	91	C12H24	168
2-Propenoic acid, tridecyl ester	3076-04-8	NIST98.L	90894	87	C16H3002	254



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D

Date : 24-AUG-2005 23:56

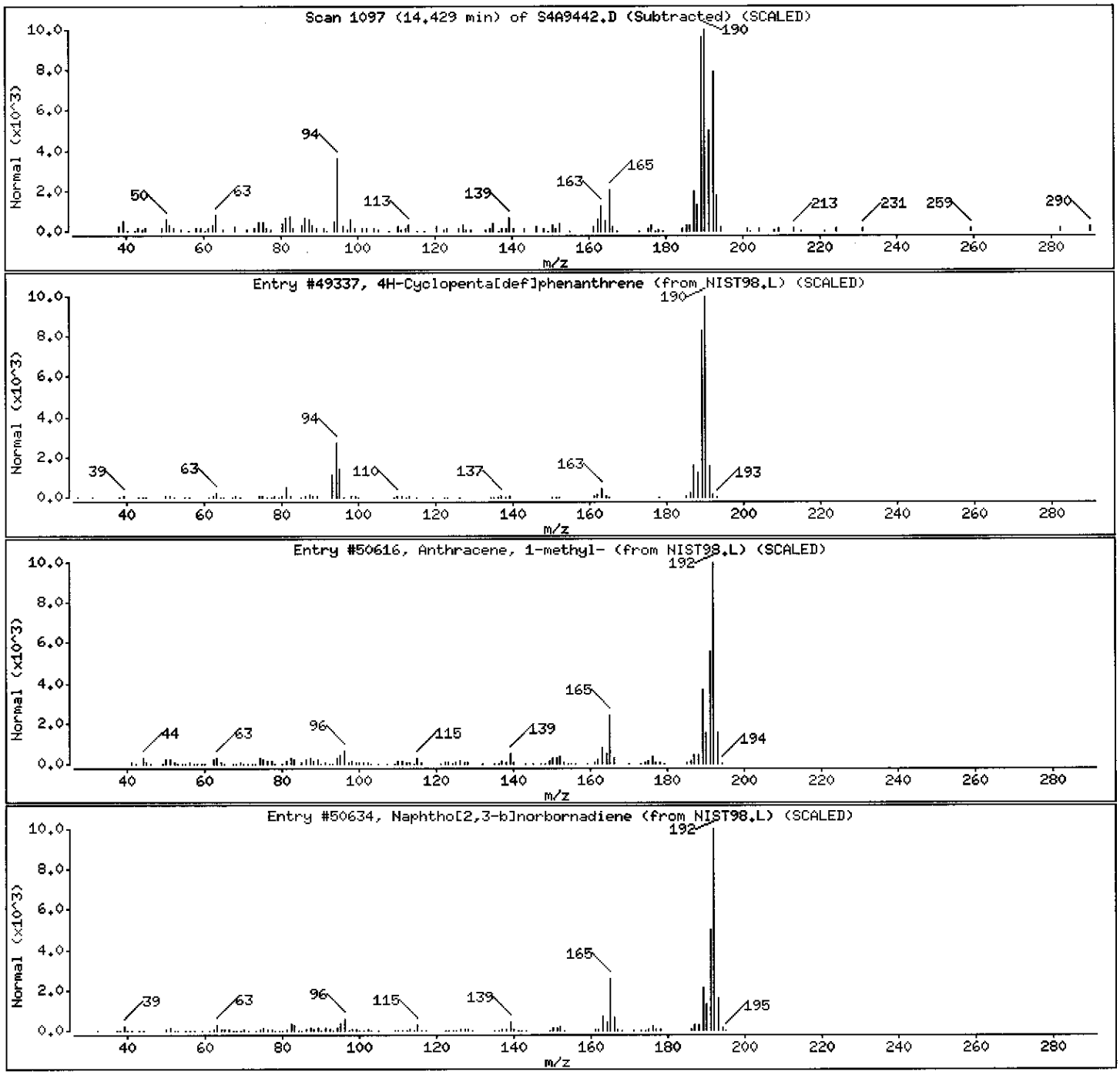
Client ID: SD07-S-0 Instrument: S4.i

Sample Info: D0926-06A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST98.L	49337	53	C15H10	190
Anthracene, 1-methyl-	610-48-0	NIST98.L	50616	42	C15H12	192
Naphtho[2,3-b]norbornadiene	107426-38-0	NIST98.L	50634	41	C15H12	192



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9442.D

Date : 24-AUG-2005 23:56

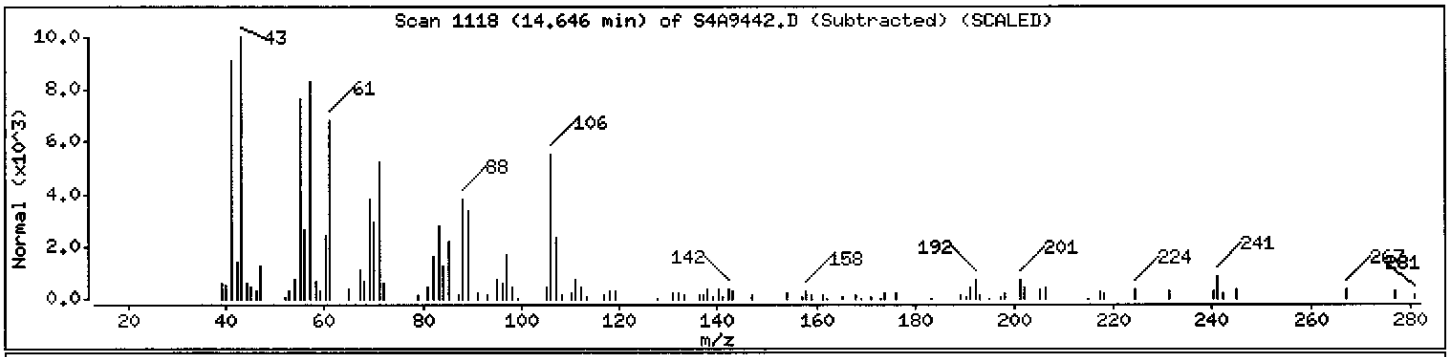
Client ID: SD07-S-0 Instrument: S4.i

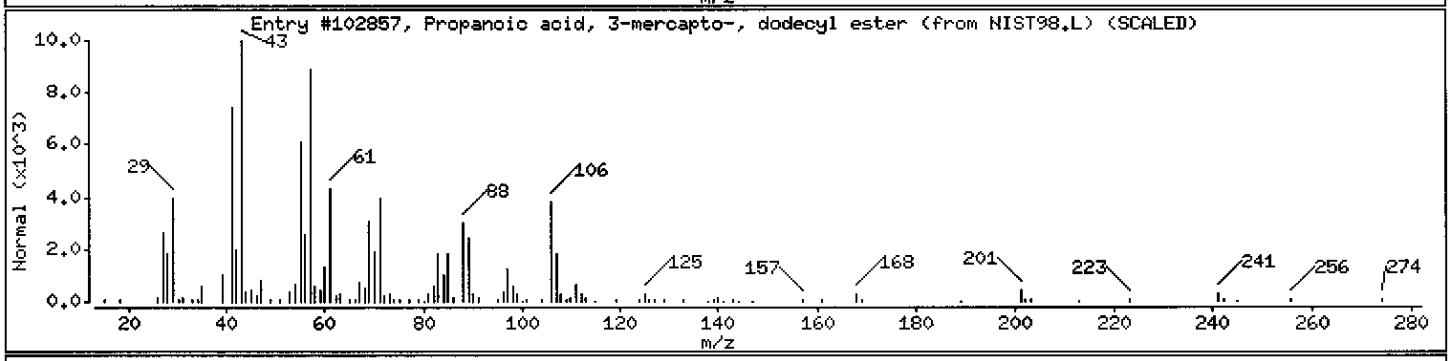
Sample Info: D0926-06A,,19468,,

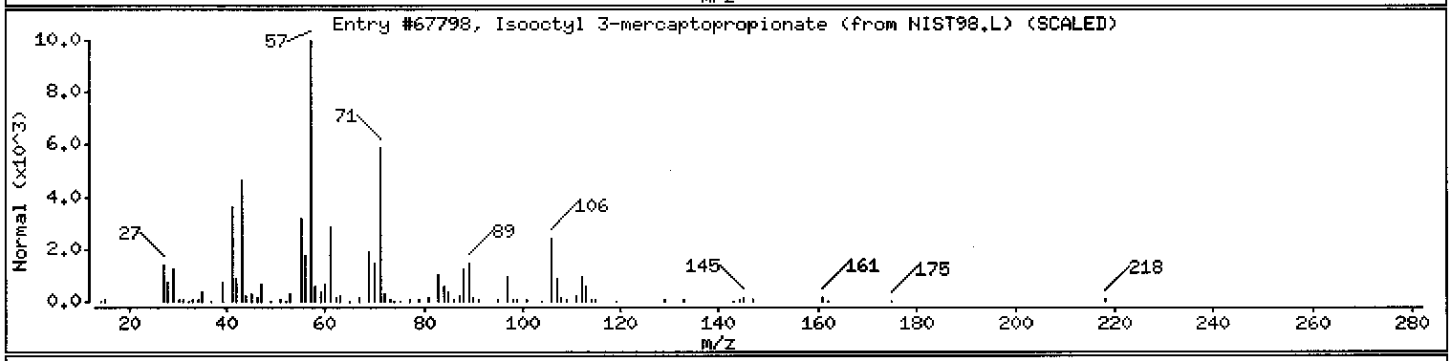
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Propanoic acid, 3-mercapto-, dodecyl est	6380-71-8	NIST98.L	102857	80	C15H30O2S	274
Isooctyl 3-mercaptopropionate	30374-01-7	NIST98.L	67798	50	C11H22O2S	218







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Date : 24-AUG-2005 23:56

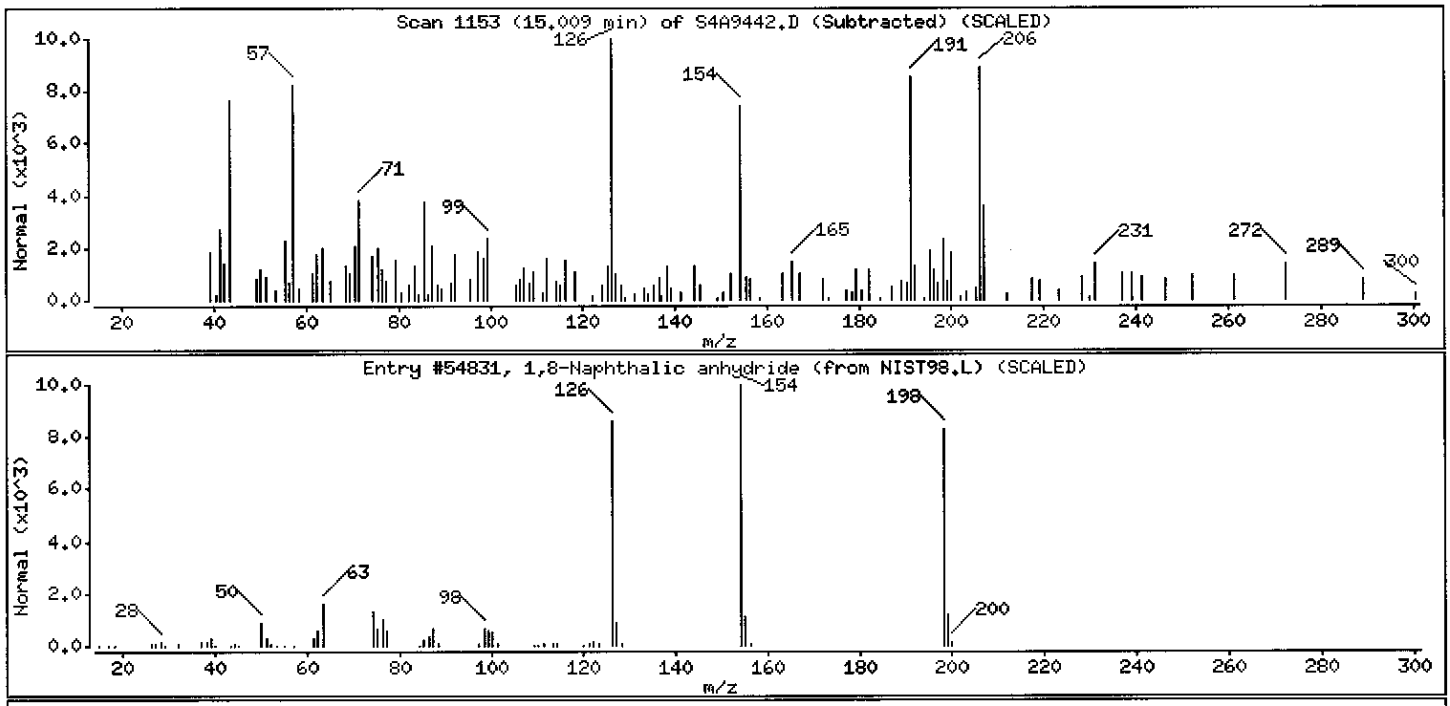
Client ID: SD07-S-0 Instrument: S4.i

Sample Info: D0926-06A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1,8-Naphthalic anhydride	81-84-5	NIST98.L	54831	46	C12H6O3	198



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Date : 24-AUG-2005 23:56

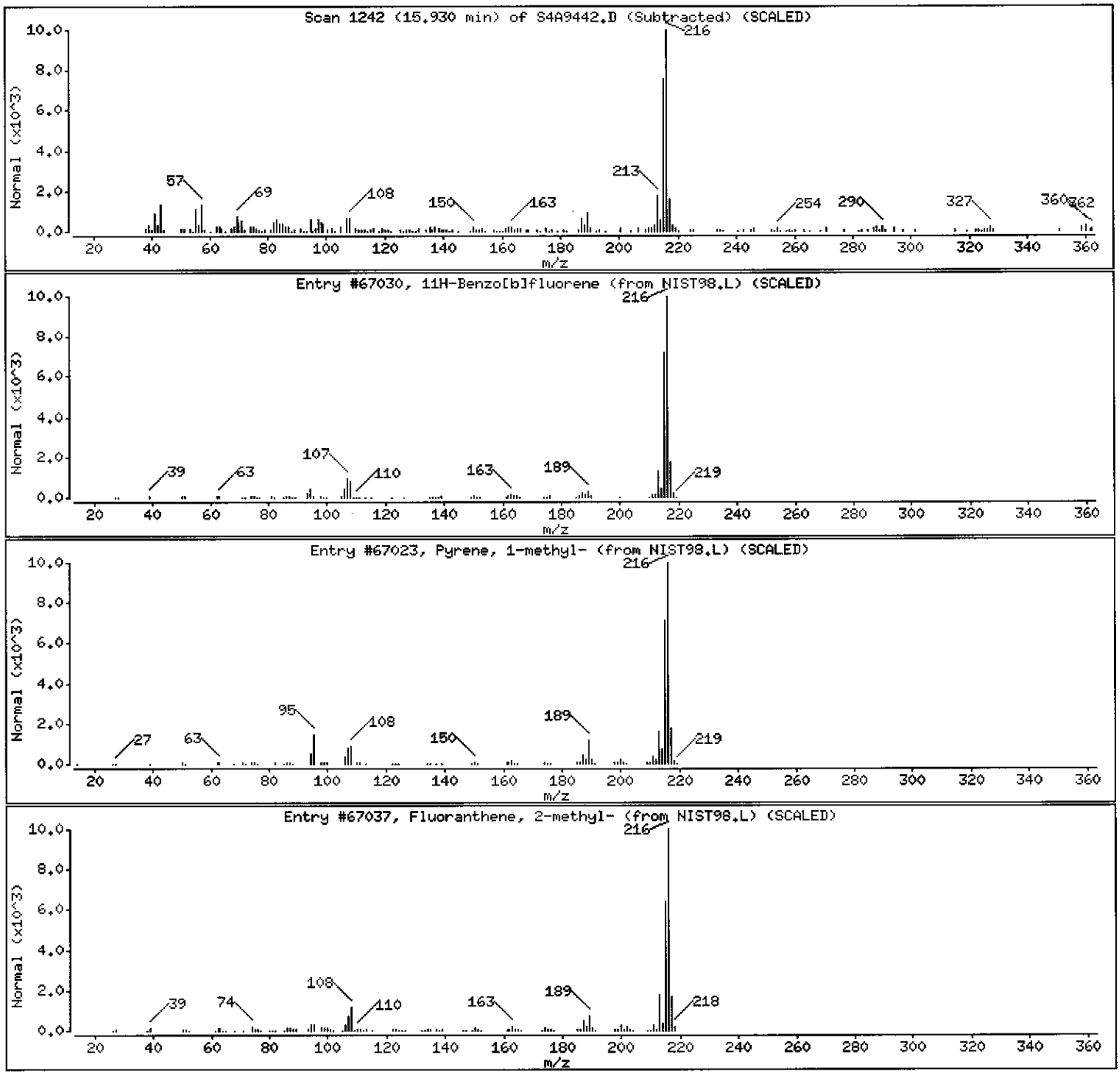
Client ID: SD07-S-0 Instrument: S4.i

Sample Info: D0926-06A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Benzo[b]fluorene	243-17-4	NIST98.L	67030	96	C17H12	216
Pyrene, 1-methyl-	2381-21-7	NIST98.L	67023	95	C17H12	216
Fluoranthene, 2-methyl-	33543-31-6	NIST98.L	67037	93	C17H12	216



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Date : 24-AUG-2005 23:56

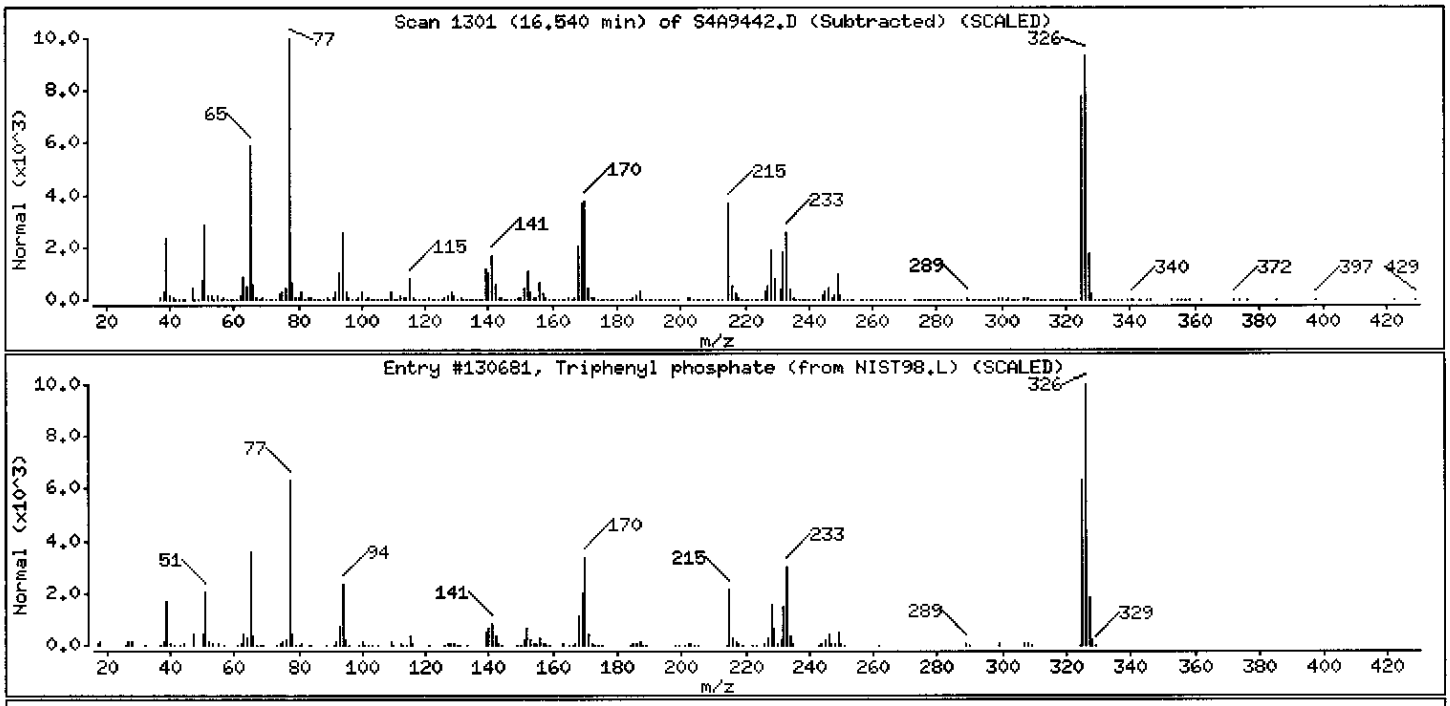
Client ID: SD07-S-0 Instrument: S4.i

Sample Info: D0926-06A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Triphenyl phosphate	115-86-6	NIST98.L	130681	97	C18H15O4P	326



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Date : 24-AUG-2005 23:56

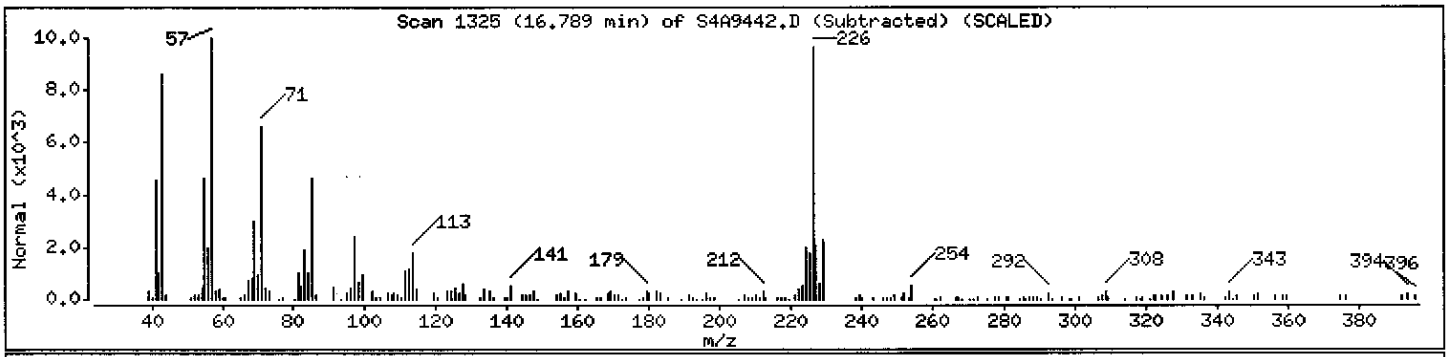
Client ID: SD07-S-0 Instrument: S4.i

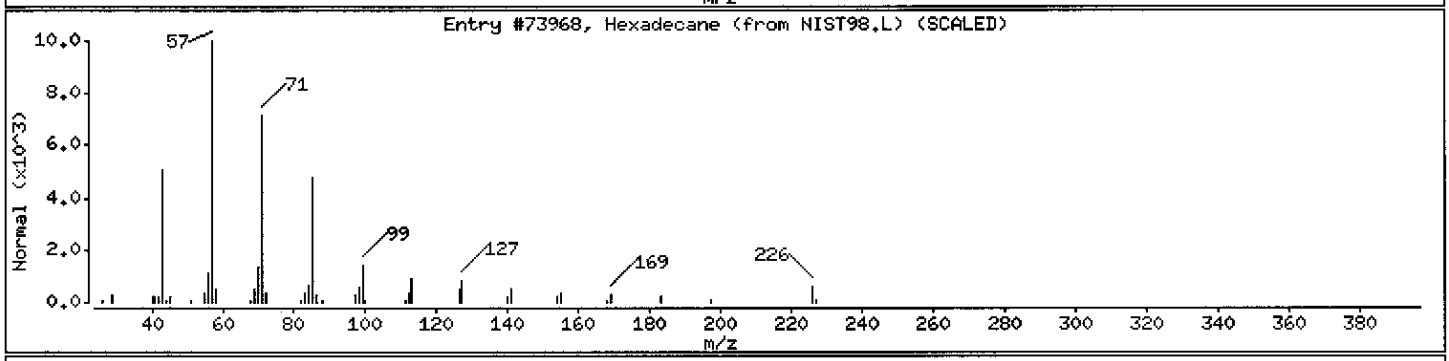
Sample Info: D0926-06A,,19468,,

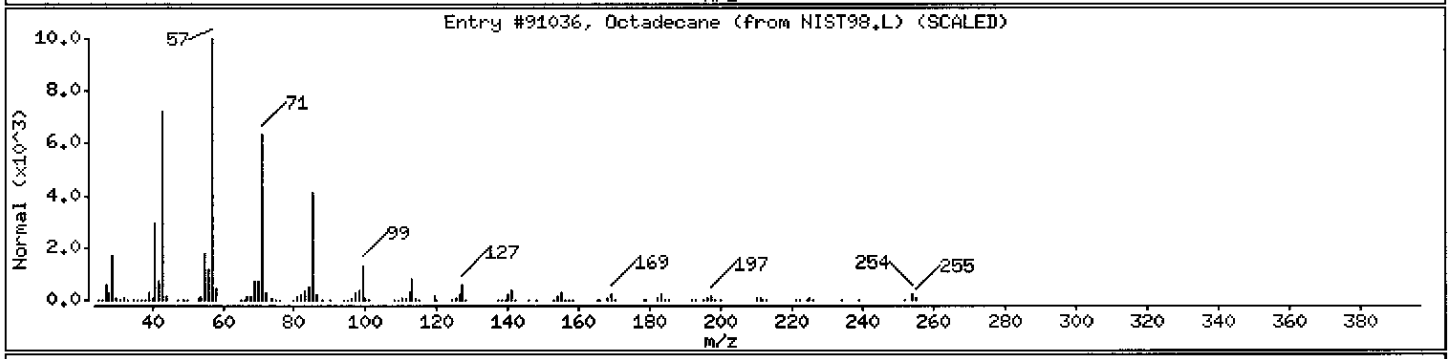
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Hexadecane	544-76-3	NIST98.L	73968	60	C16H34	226
Octadecane	593-45-3	NIST98.L	91036	47	C18H38	254







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Date : 24-AUG-2005 23:56

Client ID: SD07-S-O

Instrument: S4.i

Sample Info: D0926-06A,,19468,,

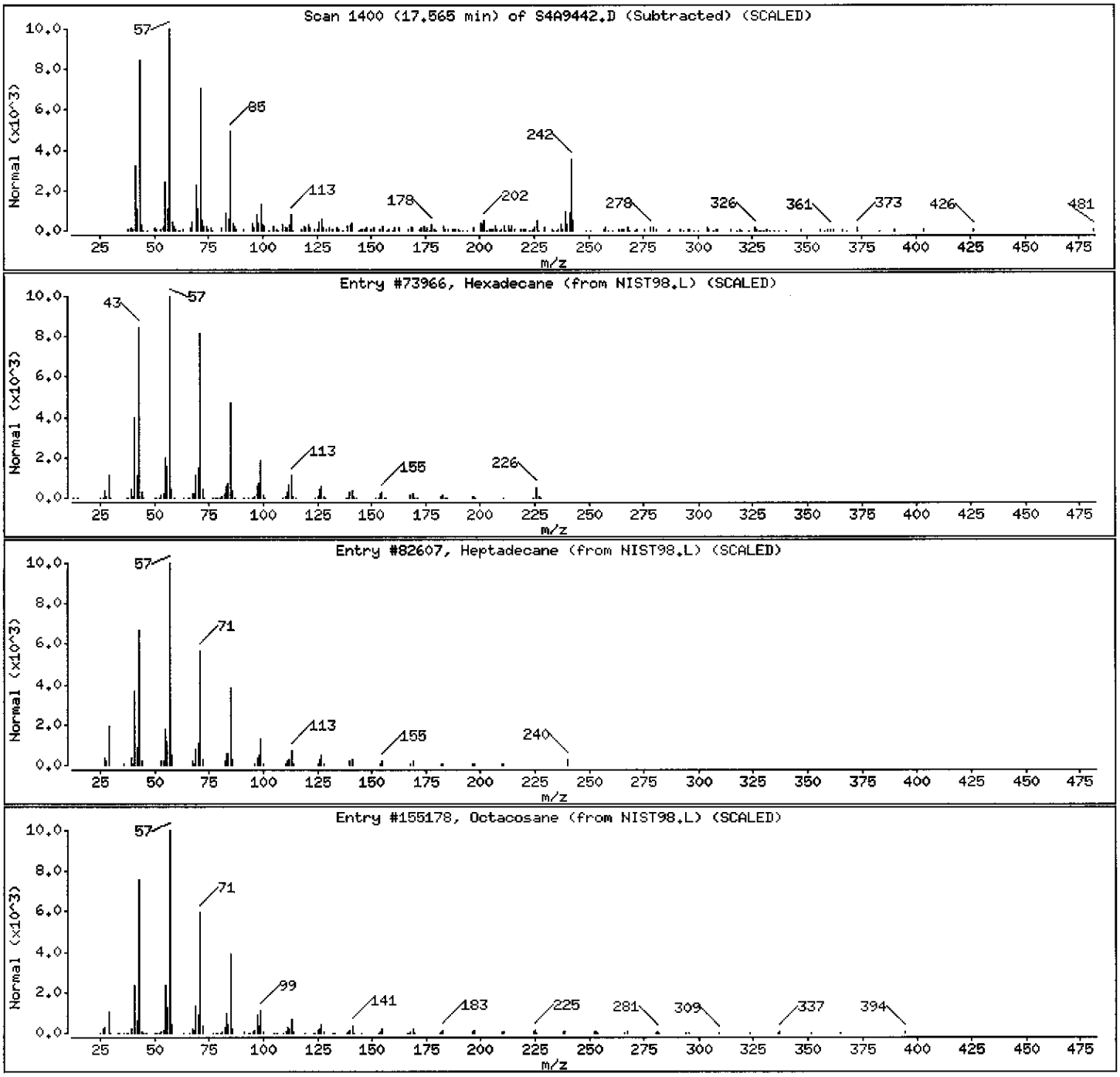
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Hexadecane	544-76-3	NIST98.L	73966	93	C16H34	226
Heptadecane	629-78-7	NIST98.L	82607	91	C17H36	240
Octacosane	630-02-4	NIST98.L	155178	70	C28H58	394



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Date : 24-AUG-2005 23:56

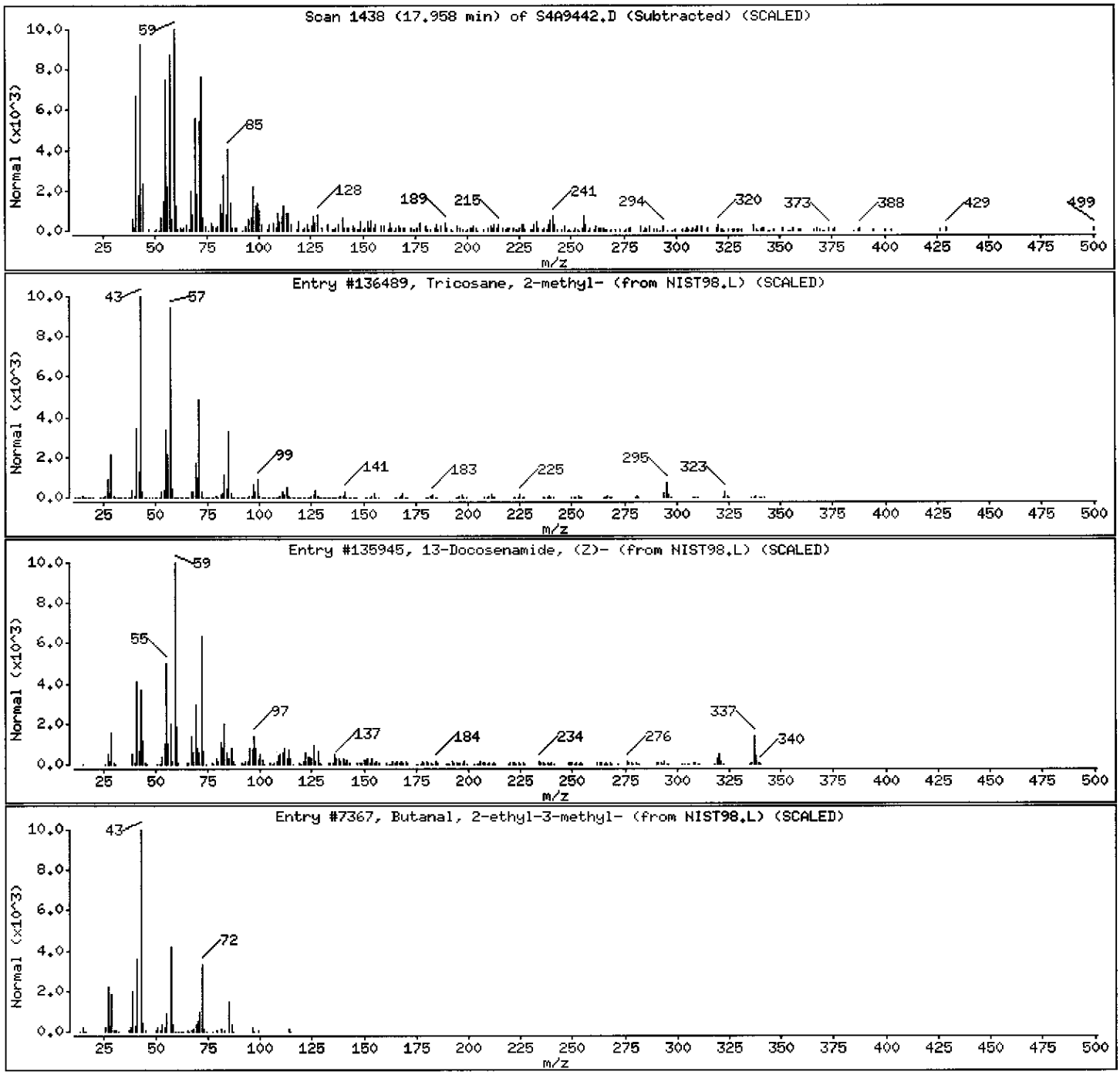
Client ID: SD07-S-0 Instrument: S4.i

Sample Info: D0926-06A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Tricosane, 2-methyl-	1928-30-9	NIST98.L	136489	68	C24H50	338
13-Docosenamide, (Z)-	112-84-5	NIST98.L	135945	58	C22H43NO	337
Butanal, 2-ethyl-3-methyl-	26254-92-2	NIST98.L	7367	45	C7H140	114



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Date : 24-AUG-2005 23:56

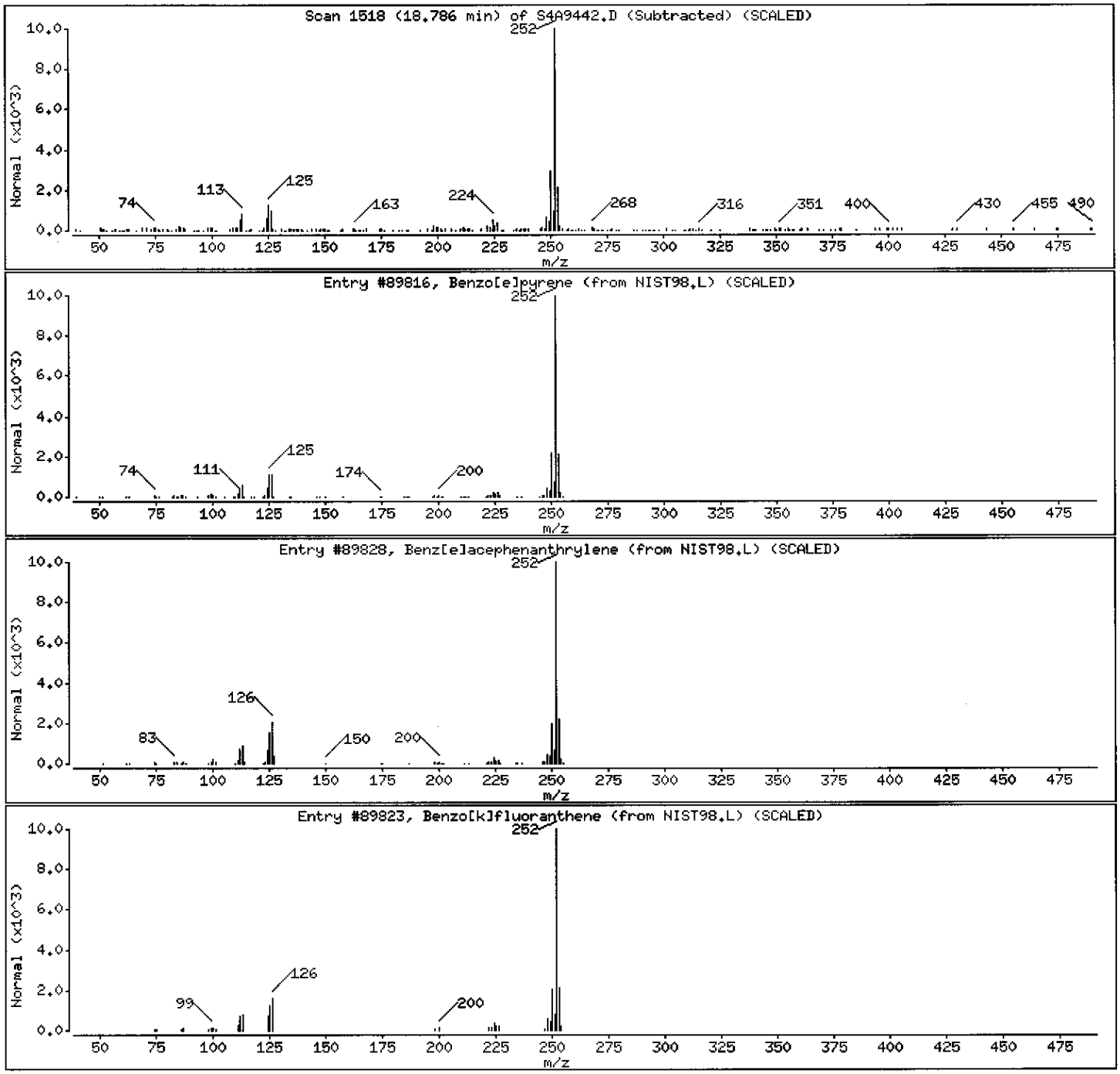
Client ID: SD07-S-0 Instrument: S4.i

Sample Info: D0926-06A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo[e]pyrene	192-97-2	NIST98.L	89816	97	C20H12	252
Benz[e]acephenanthrylene	205-99-2	NIST98.L	89828	94	C20H12	252
Benzo[k]fluoranthene	207-08-9	NIST98.L	89823	93	C20H12	252



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Date : 24-AUG-2005 23:56

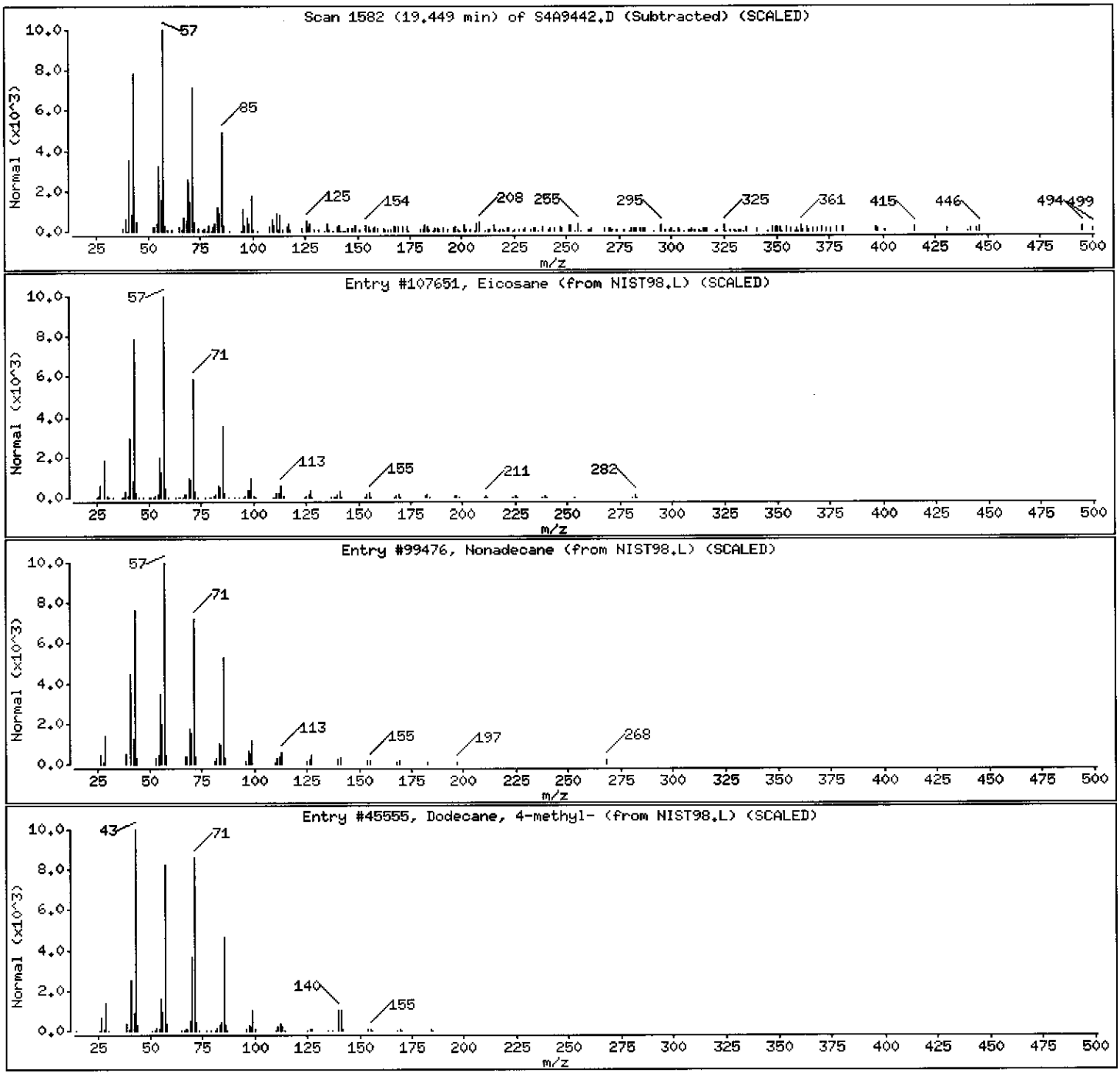
Client ID: SD07-S-0 Instrument: S4.i

Sample Info: D0926-06A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Eicosane	112-95-8	NIST98.L	107651	95	C20H42	282
Nonadecane	629-92-5	NIST98.L	99476	90	C19H40	268
Dodecane, 4-methyl-	6117-97-1	NIST98.L	45555	74	C13H28	184



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Date : 24-AUG-2005 23:56

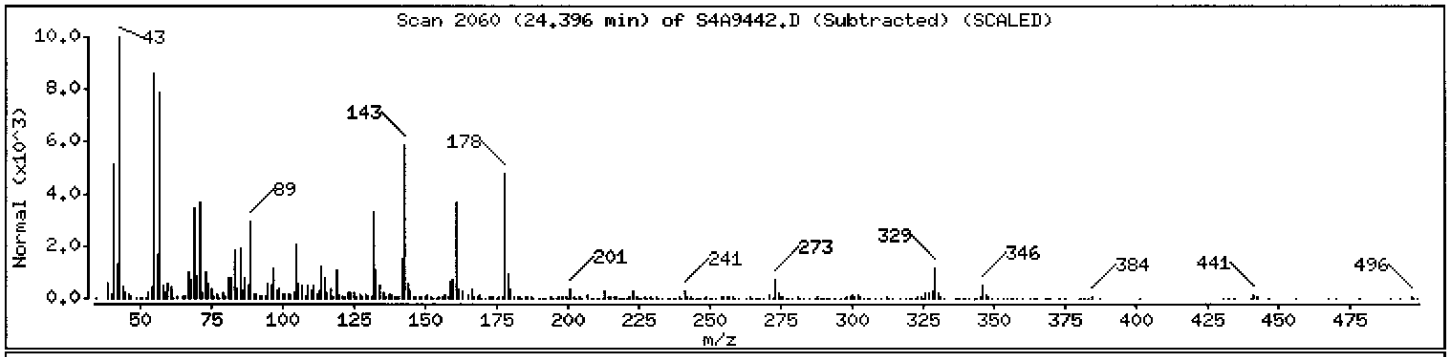
Client ID: SD07-S-0 Instrument: S4.i

Sample Info: D0926-06A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD08-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-11A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9454

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 69 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)Ether	1100	U
95-57-8	2-Chlorophenol	1100	U
95-48-7	2-Methylphenol	1100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1100	U
98-86-2	Acetophenone	110	J
106-44-5	4-Methylphenol	1100	U
621-64-7	N-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
105-60-2	Caprolactam	1100	U
59-50-7	4-Chloro-3-Methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
95-95-4	2,4,5-Trichlorophenol	2700	U
92-52-4	1,1'-Biphenyl	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	2700	U
131-11-3	Dimethylphthalate	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
208-96-8	Acenaphthylene	1100	U
99-09-2	3-Nitroaniline	2700	U
83-32-9	Acenaphthene	1100	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD08-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-11A

Sample wt/vol: 30.0(g/mL) G Lab File ID: S4A9454

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 69 Decanted: (Y/N)N Date Extracted: 08/12/05

Concentrated Extract Volume: 500(uL) Date Analyzed: 08/25/05

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	2700	U
100-02-7	4-Nitrophenol	2700	U
132-64-9	Dibenzofuran	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	2700	U
534-52-1	4,6-Dinitro-2-methylphenol	2700	U
86-30-6	N-Nitrosodiphenylamine (1)	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
1912-24-9	Atrazine	1100	U
87-86-5	Pentachlorophenol	2700	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
86-74-8	Carbazole	1100	U
84-74-2	Di-n-butylphthalate	1100	U
206-44-0	Fluoranthene	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
56-55-3	Benzo(a)anthracene	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	240	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo(b)fluoranthene	1100	U
207-08-9	Benzo(k)fluoranthene	1100	U
50-32-8	Benzo(a)pyrene	1100	U
193-39-5	Indeno(1,2,3-cd)pyrene	1100	U
53-70-3	Dibenzo(a,h)anthracene	1100	U
191-24-2	Benzo(g,h,i)perylene	1100	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD08-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-11A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9454

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 69 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

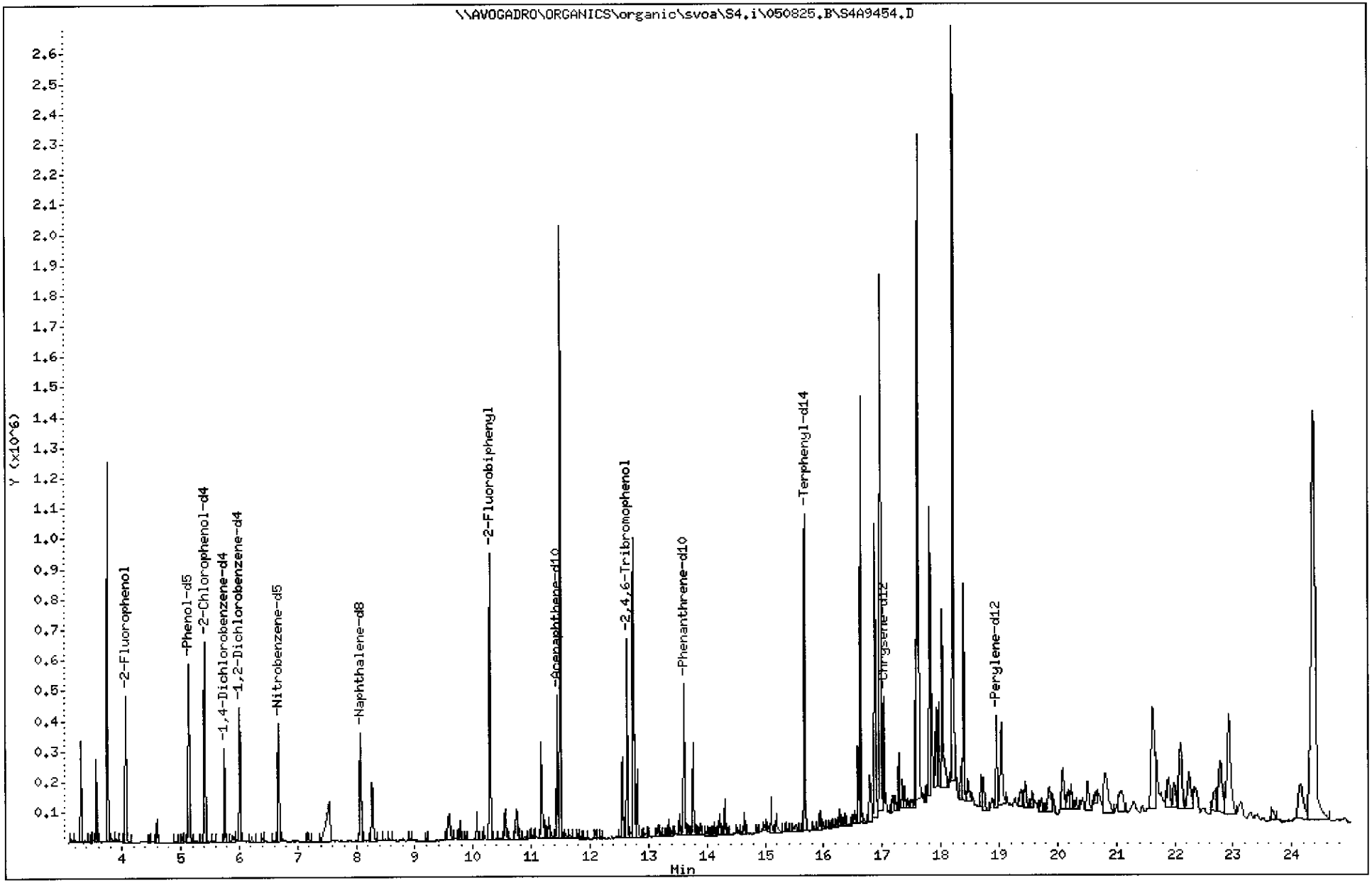
GPC Cleanup: (Y/N) Y pH: 5.9 Extraction: (Type) SONC

Number TICs found: 30

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	65-85-0	BENZOIC ACID	7.54	2400	NJ
2.	496-16-2	BENZOFURAN, 2,3-DIHYDRO-	8.27	1400	NJ
3.	1000147-32-8	1H-CYCLOPROPA[A]NAPHTHALENE,	12.56	1300	NJ
4.	473-16-5	2-NAPHTHALENEMETHANOL, 1,2,3	12.74	5200	NJ
5.		UNKNOWN	13.77	1200	J
6.		UNKNOWN	16.58	2000	J
7.		UNKNOWN	16.63	8400	J
8.		UNKNOWN	16.88	6200	J
9.		UNKNOWN	17.57	4300	J
10.	480-40-0	CHRYSIN	17.81	7300	NJ
11.		UNKNOWN	17.93	2700	J
12.		UNKNOWN	17.97	2200	J
13.		UNKNOWN	18.03	4900	J
14.		UNKNOWN	18.22	18000	J
15.		UNKNOWN	18.73	1200	J
16.		UNKNOWN	19.03	3000	J
17.	7494-34-0	26-NOR-5-CHOLESTEN-3.BETA.-O	20.09	1700	NJ
18.	4382-17-6	4H-1-BENZOPYRAN-4-ONE, 5,7-D	20.52	1200	NJ
19.		UNKNOWN	20.80	2900	J
20.	83-48-7	STIGMASTEROL	21.09	1700	NJ
21.	83-47-6	.GAMMA.-SITOSTEROL	21.62	6300	NJ
22.		UNKNOWN	21.89	1200	J
23.		UNKNOWN	22.00	1100	J
24.		UNKNOWN	22.11	3200	J
25.		UNKNOWN	22.24	2100	J
26.		UNKNOWN	22.69	1100	J
27.		UNKNOWN	22.78	3300	J
28.	1058-61-3	STIGMAST-4-EN-3-ONE	22.93	6100	NJ
29.		UNKNOWN	24.16	2900	J
30.		UNKNOWN	24.38	25000	JB

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9454.D
Date : 25-AUG-2005 11:31
Client ID: SD08-S-0
Instrument: S4.i
Sample Info: D0926-11A,,19468,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9454.D
Report Date: 31-Aug-2005 14:58

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9454.D
Lab Smp Id: D0926-11A Client Smp ID: SD08-S-O
Inj Date : 25-AUG-2005 11:31
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-11A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D ✓
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	69.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	4.069	4.048	(0.707)	142439	105.414	5700
$	3 Phenol-d5	99	5.145	5.135	(0.894)	223161	110.465	5900
$	6 2-Chlorophenol-d4	132	5.414	5.414	(0.941)	181898	108.685	5800
*	8 1,4-Dichlorobenzene-d4	152	5.756	5.755	(1.000)	51249	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	6.004	6.004	(1.043)	74423	61.2639	3300
	12 Acetophenone	105	6.397	6.397	(1.111)	5489	2.10592	110(a)
$	16 Nitrobenzene-d5	82	6.677	6.677	(0.827)	179430	68.6470	3700
*	23 Naphthalene-d8	136	8.074	8.074	(1.000)	222032	40.0000	
$	33 2-Fluorobiphenyl	172	10.289	10.289	(0.900)	354635	82.7463	4400
*	41 Acenaphthene-d10	164	11.438	11.438	(1.000)	120355	40.0000	
$	53 2,4,6-Tribromophenol	330	12.638	12.628	(0.929)	76815	151.438	8100
*	58 Phenanthrene-d10	188	13.611	13.611	(1.000)	193229	40.0000	
$	65 Terphenyl-d14	244	15.681	15.671	(0.920)	376863	96.2684	5200

Data File: S4A9454.D
Report Date: 31-Aug-2005 14:58

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
* 69 Chrysene-d12	240	17.037	17.027	(1.000)	152488	40.0000	
71 bis(2-Ethylhexyl)phthalate	149	16.965	16.954	(0.996)	17328	4.53807	240(a)
* 76 Perylene-d12	264	18.952	18.942	(1.000)	117774	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

9/31/05
TJ

Data File: S4A9454.D
Report Date: 31-Aug-2005 14:58

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9454.D
Lab Smp Id: D0926-11A Client Smp ID: SD08-S-O
Inj Date : 25-AUG-2005 11:31
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-11A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	69.000	% Moisture

ISTD	RT	AREA	AMOUNT
* 23 Naphthalene-d8	8.074	524710	40.000
* 41 Acenaphthene-d10	11.438	600531	40.000
* 58 Phenanthrene-d10	13.611	673825	40.000
* 69 Chrysene-d12	17.037	457102	40.000
* 76 Perylene-d12	18.952	522624	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9454.D
Report Date: 31-Aug-2005 14:58

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Benzoic Acid					CAS #: 65-85-0		
7.536	580740	44.2713118	2400	94	NIST98.L	9574	23
Benzofuran, 2,3-dihydro-					CAS #: 496-16-2		
8.271	346277	26.3975911	1400	90	NIST98.L	9097	23
Cyclic Alkane					CAS #:		
11.169	631657	42.0732319	2300	0		0	41
1H-Cyclopropa[a]naphthalene, 1a,2,3,3a,4					CAS #: 1000147-32-8		
12.556	415514	24.6659889	1300	89	NIST98.L	58823	58
2-Naphthalenemethanol, 1,2,3,4,4a,5,6,8a					CAS #: 473-16-5		
12.742	1614044	95.8138389	5200	96	NIST98.L	71078	58
Unknown					CAS #:		
13.767	385967	22.9120024	1200	0		0	58
Unknown					CAS #:		
16.582	435049	38.0701900	2000	0		0	69
Unknown					CAS #:		
16.634	1787954	156.459959	8400	0		0	69
Straight-Chain Alkane					CAS #:		
16.789	337861	29.5654799	1600	0		0	69
Unknown					CAS #:		
16.882	1312172	114.825313	6200	0		0	69
Unknown					CAS #:		
17.565	920087	80.5148085	4300	0		0	69
Chrysin					CAS #: 480-40-0		
17.814	1553121	135.910234	7300	94	NIST98.L	90684	69
Unknown					CAS #:		
17.927	566080	49.5364273	2700	0		0	69
Unknown					CAS #:		
17.969	463524	40.5619752	2200	0		0	69
Unknown					CAS #:		
18.031	1200157	91.8562485	4900	0		0	76

Data File: S4A9454.D
Report Date: 31-Aug-2005 14:58

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
18.217	4291085	328.426173	18000	0		0	76
Straight-Chain Alkane				CAS #:			
18.404	1058877	81.0431209	4400	0		0	76
Unknown				CAS #:			
18.735	289083	22.1255051	1200	0		0	76
Unknown				CAS #:			
19.035	720090	55.1134276	3000	0		0	76
Straight-Chain Alkane				CAS #:			
19.449	221645	16.9640124	910	0		0	76
26-Nor-5-cholesten-3.beta.-ol-25-one				CAS #:	7494-34-0		
20.091	413884	31.6773818	1700	96	NIST98.L	153148	76
4H-1-Benzopyran-4-one, 5,7-dihydroxy-2-(				CAS #:	4382-17-6		
20.515	289892	22.1874235	1200	95	NIST98.L	132551	76
Unknown				CAS #:			
20.805	704752	53.9395053	2900	0		0	76
Stigmasterol				CAS #:	83-48-7		
21.095	408881	31.2944679	1700	94	NIST98.L	158842	76
.gamma.-Sitosterol				CAS #:	83-47-6		
21.622	1534227	117.424917	6300	96	NIST98.L	159285	76
Unknown				CAS #:			
21.892	298089	22.8147961	1200	0		0	76
Unknown				CAS #:			
21.995	263572	20.1729733	1100	0		0	76
Unknown				CAS #:			
22.109	765776	58.6100906	3200	0		0	76
Unknown				CAS #:			
22.243	508883	38.9483070	2100	0		0	76
Unknown				CAS #:			
22.689	274054	20.9752327	1100	0		0	76

Data File: S4A9454.D
Report Date: 31-Aug-2005 14:58

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
22.782	800330	61.2547453	3300	0		0	76
Stigmast-4-en-3-one				CAS #: 1058-61-3			
22.927	1471660	112.636236	6100	91	NIST98.L	158845	76
Unknown				CAS #:			
24.158	703493	53.8431454	2900	0		0	76
Unknown				CAS #:			
24.376	6189051	473.690531	25000	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9454.D

Date : 25-AUG-2005 11:31

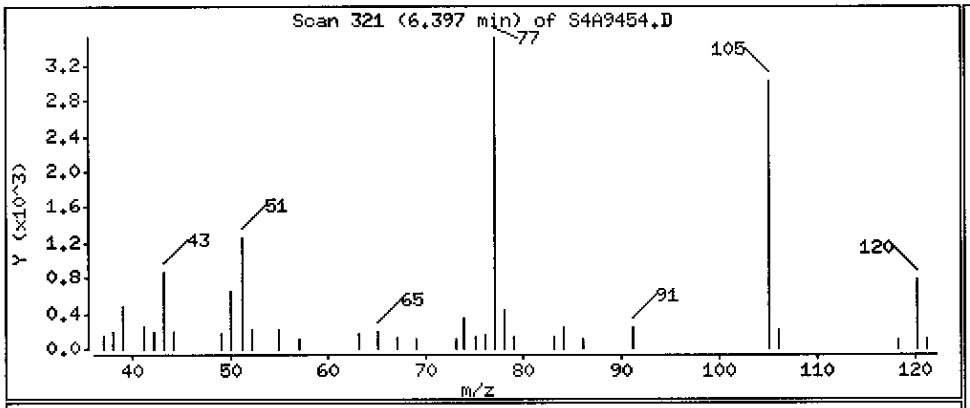
Client ID: SD08-S-0 Instrument: S4.i

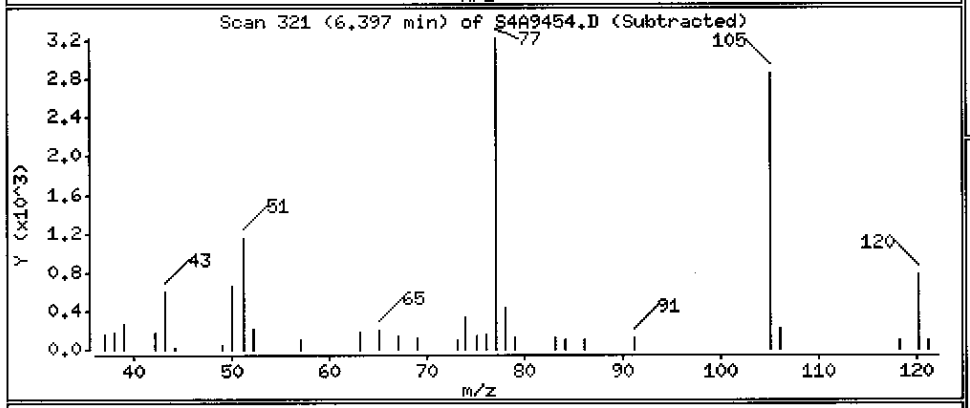
Sample Info: D0926-11A,,19468,,

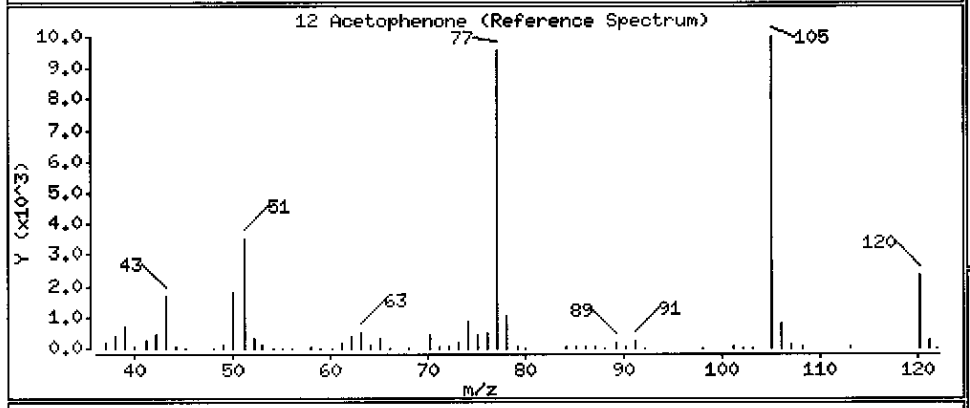
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

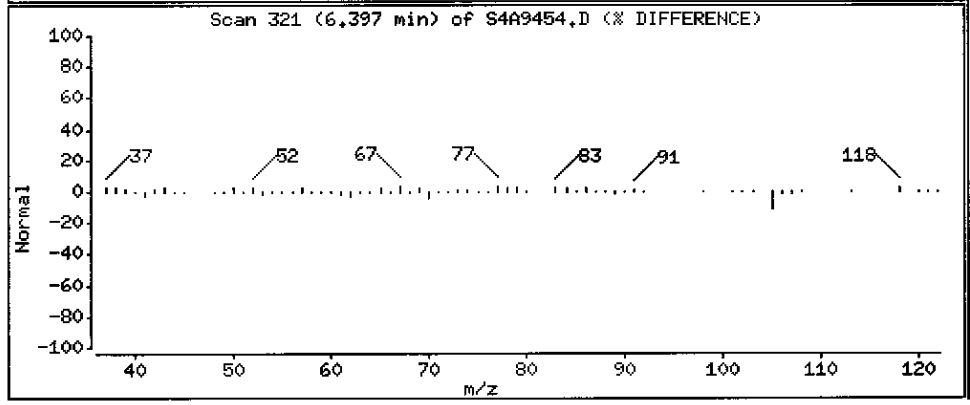
Column phase: DB-5MS Column diameter: 0.25

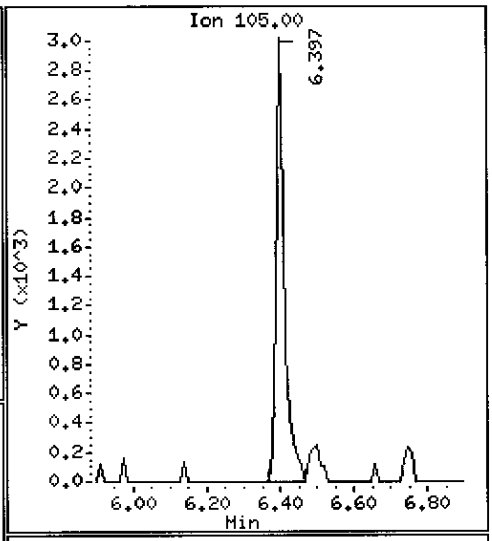
12 Acetophenone Concentration: 110 ug/Kg

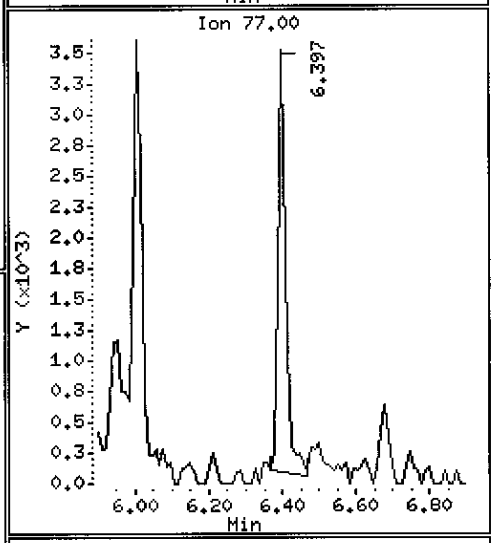


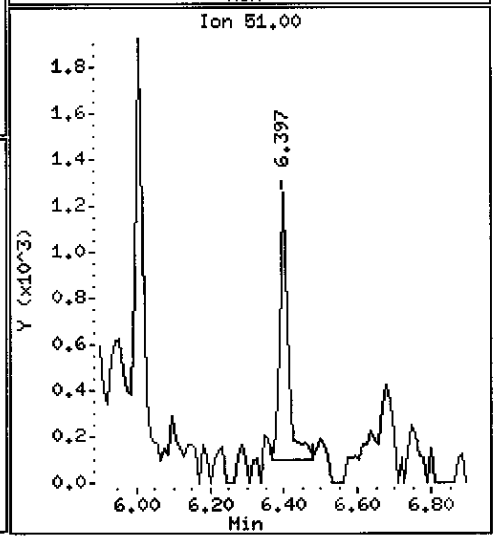












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9454.D

Date : 25-AUG-2005 11:31

Client ID: SD08-S-0

Instrument: S4.i

Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

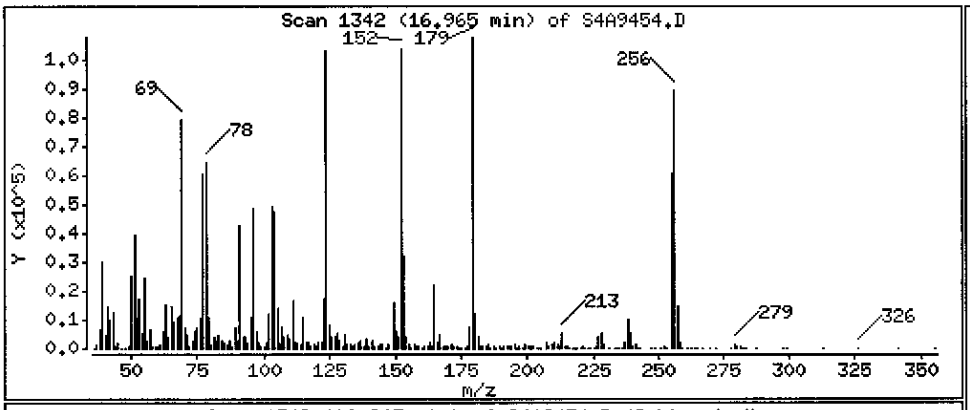
Column phase: DB-5MS

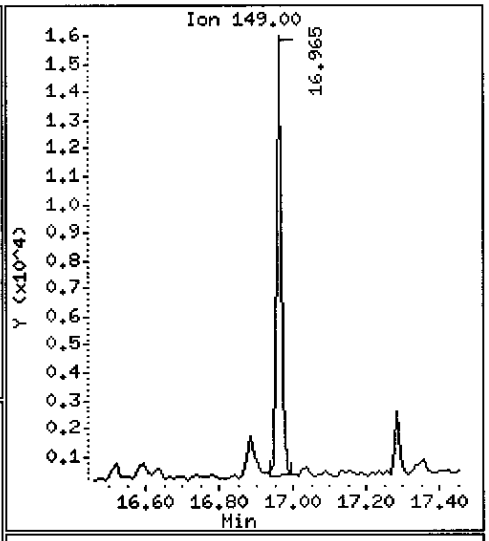
Column diameter: 0.25

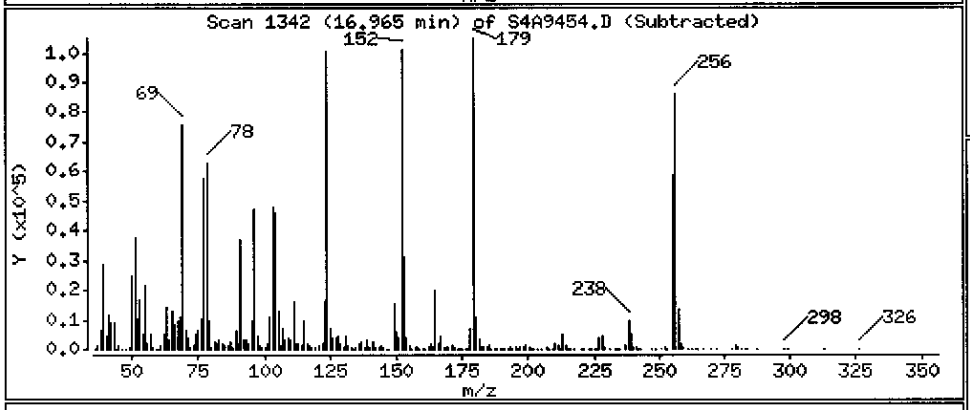
Column Present EBC

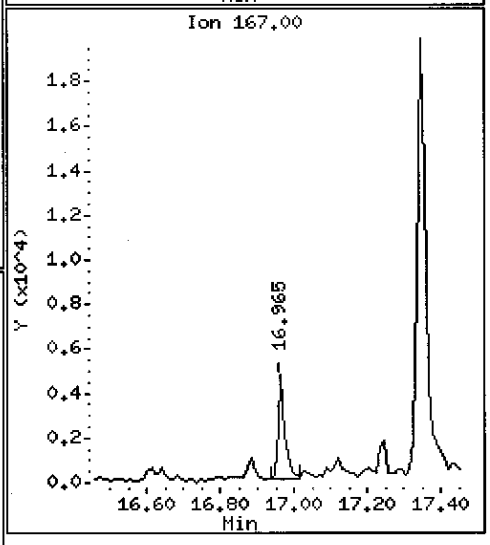
71 bis(2-Ethylhexyl)phthalate

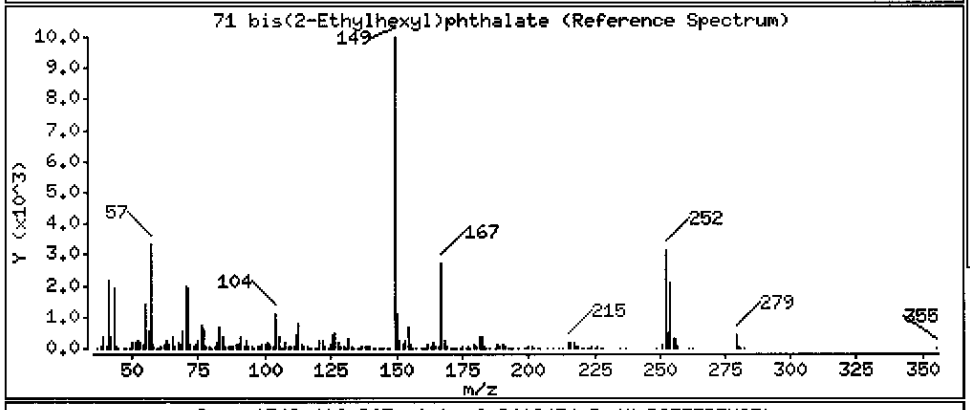
Concentration: 240 ug/Kg

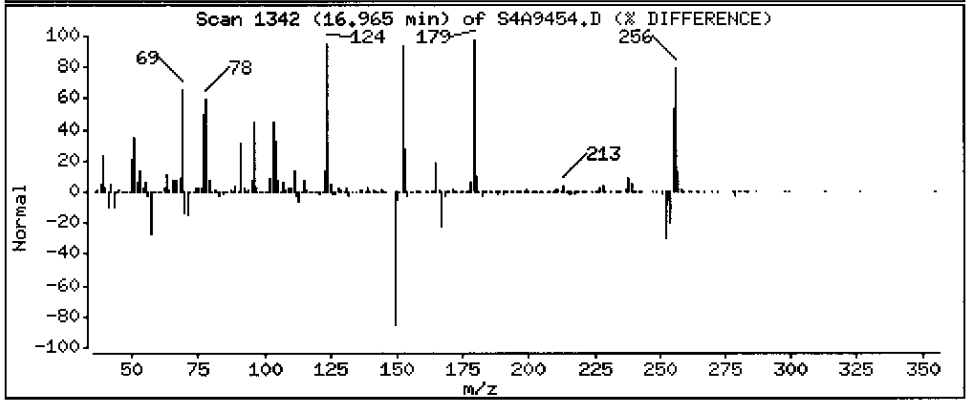












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9454.D

Date : 25-AUG-2005 11:31

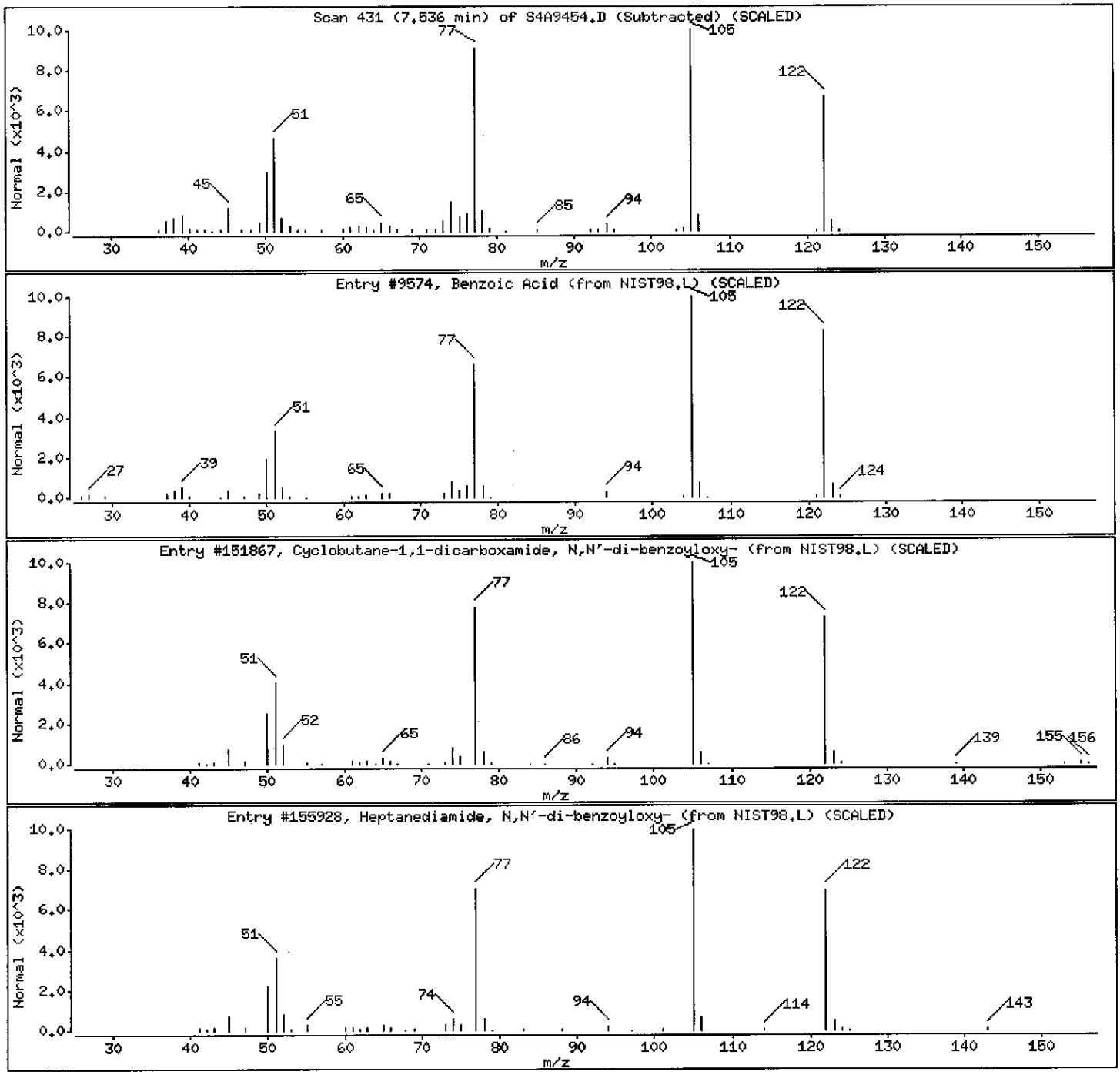
Client ID: SD08-S-0 Instrument: S4.i

Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzoic Acid	65-85-0	NIST98.L	9574	94	C7H6O2	122
Cyclobutane-1,1-dicarboxamide, N,N'-di-b	1000253-25-3	NIST98.L	151867	91	C20H18N2O6	382
Heptanediamide, N,N'-di-benzoyloxy-	1000253-26-4	NIST98.L	155928	90	C21H22N2O6	398



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9454.D

Date : 25-AUG-2005 11:31

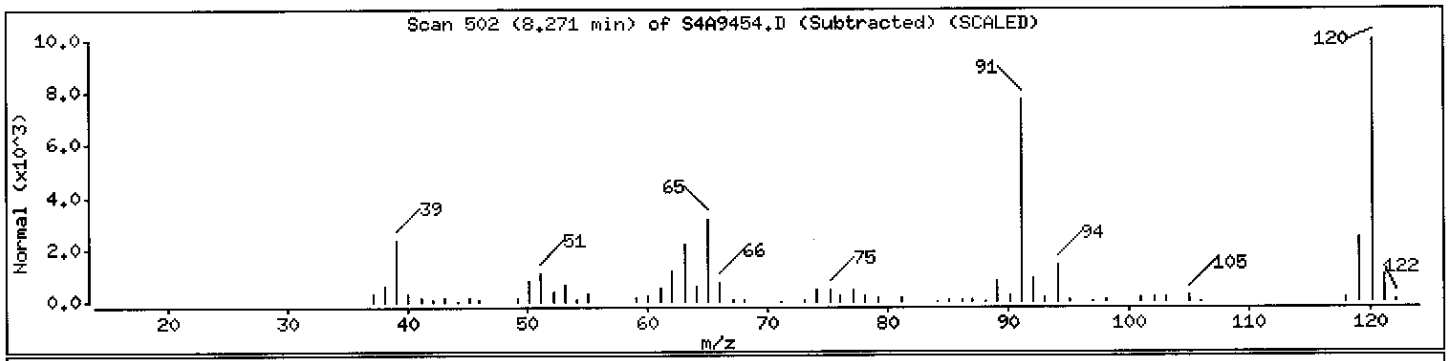
Client ID: SD08-S-0 Instrument: S4.i

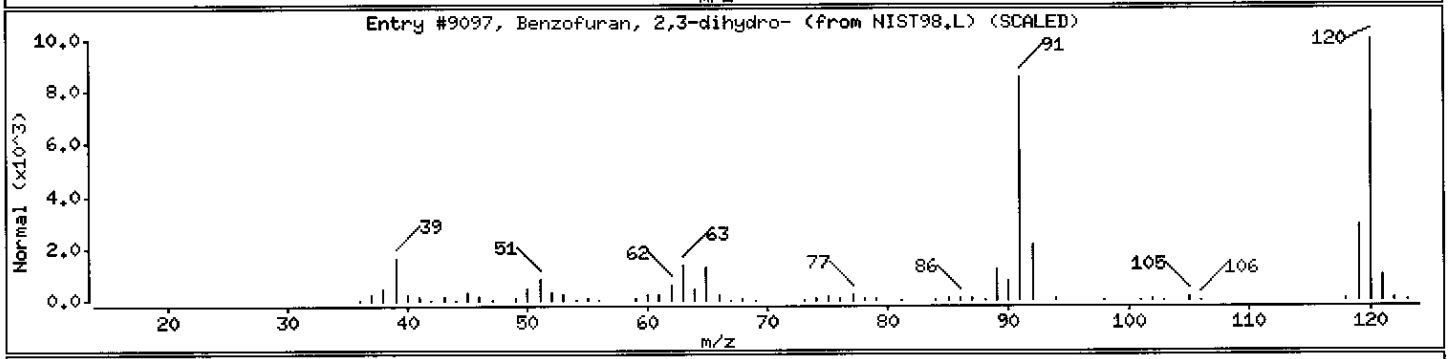
Sample Info: D0926-11A,,19468,,

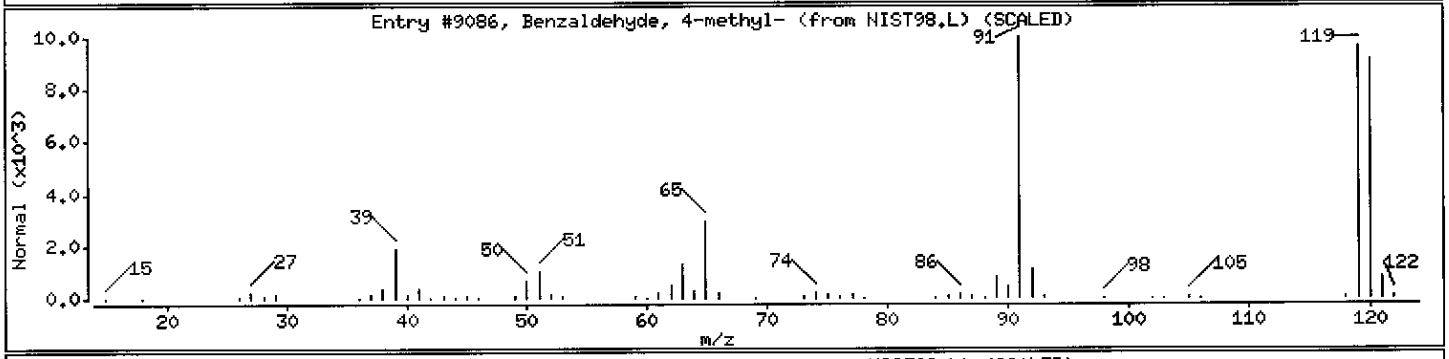
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

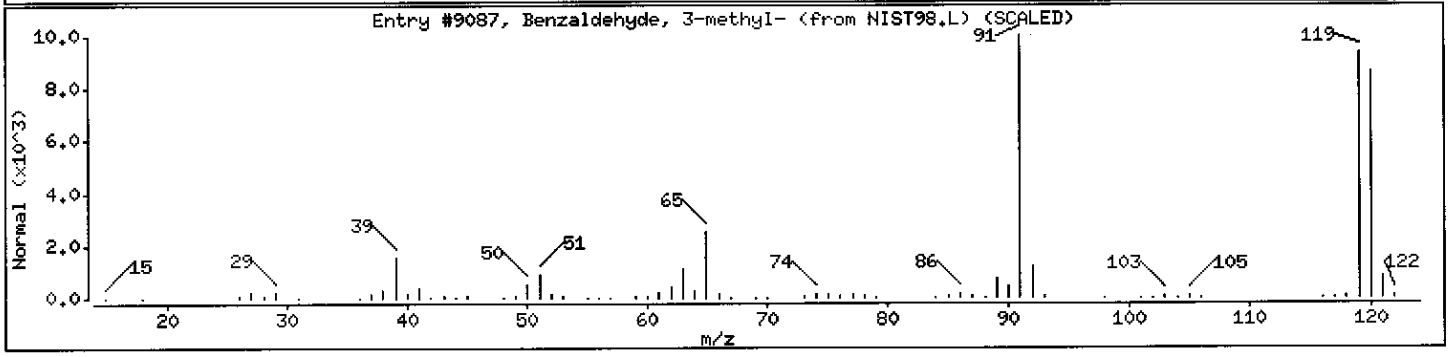
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzofuran, 2,3-dihydro-	496-16-2	NIST98.L	9097	90	C8H8O	120
Benzaldehyde, 4-methyl-	104-87-0	NIST98.L	9086	80	C8H8O	120
Benzaldehyde, 3-methyl-	620-23-5	NIST98.L	9087	72	C8H8O	120









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9454.D

Date : 25-AUG-2005 11:31

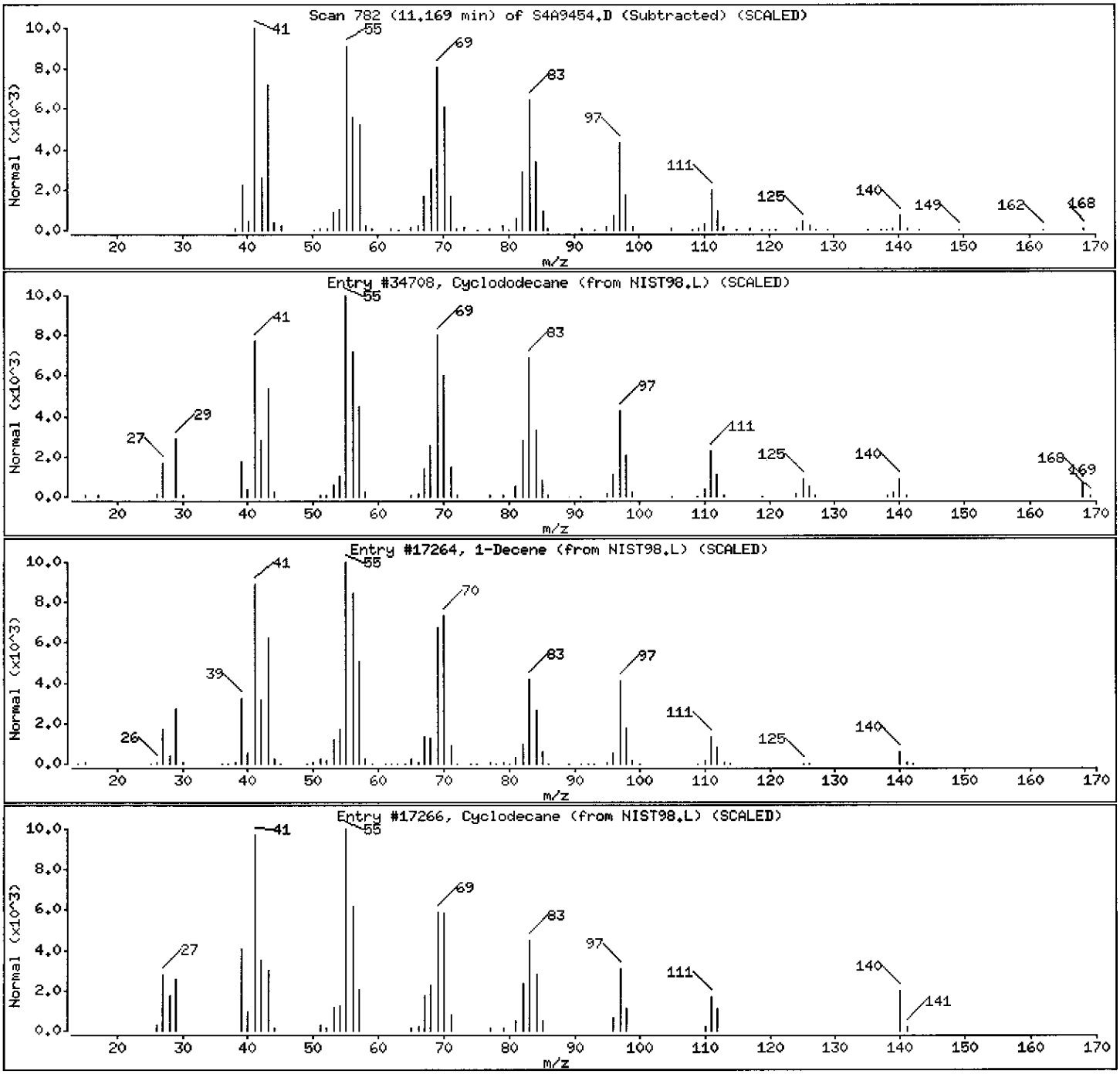
Client ID: SD08-S-0 Instrument: S4.i

Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34708	96	C12H24	168
1-Decene	872-05-9	NIST98.L	17264	95	C10H20	140
Cyclodecane	293-96-9	NIST98.L	17266	94	C10H20	140



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9454.D

Date : 25-AUG-2005 11:31

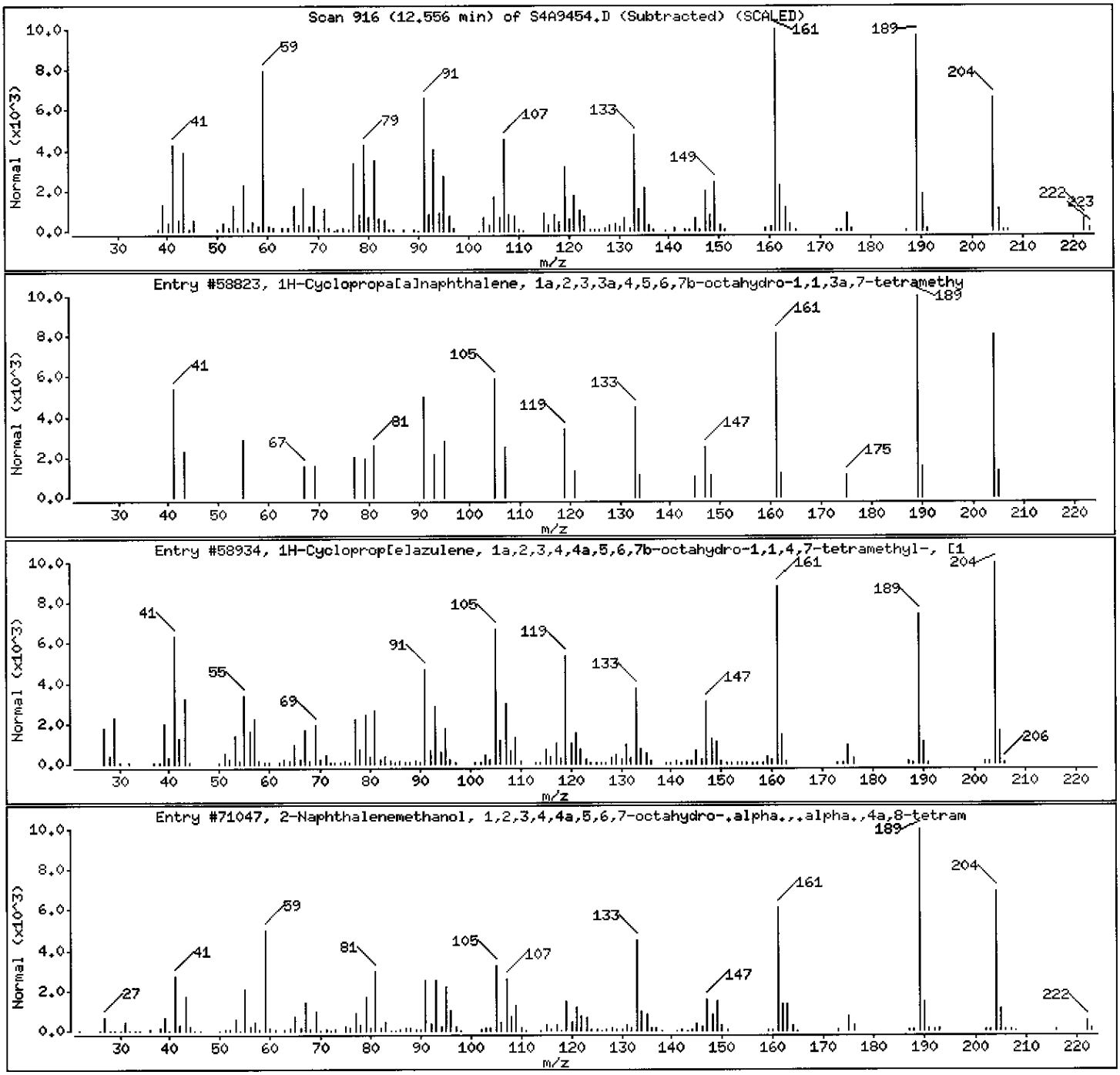
Client ID: SD08-S-0 Instrument: S4.i

Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1H-Cyclopropa[a]naphthalene, 1a,2,3,3a,4	1000147-32-8	NIST98.L	58823	89	C15H24	204
1H-Cycloprop[e]azulene, 1a,2,3,4,4a,5,6,	489-40-7	NIST98.L	58934	83	C15H24	204
2-Naphthalenemethanol, 1,2,3,4,4a,5,6,7-	1209-71-8	NIST98.L	71047	83	C15H26O	222



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9454.D

Date : 25-AUG-2005 11:31

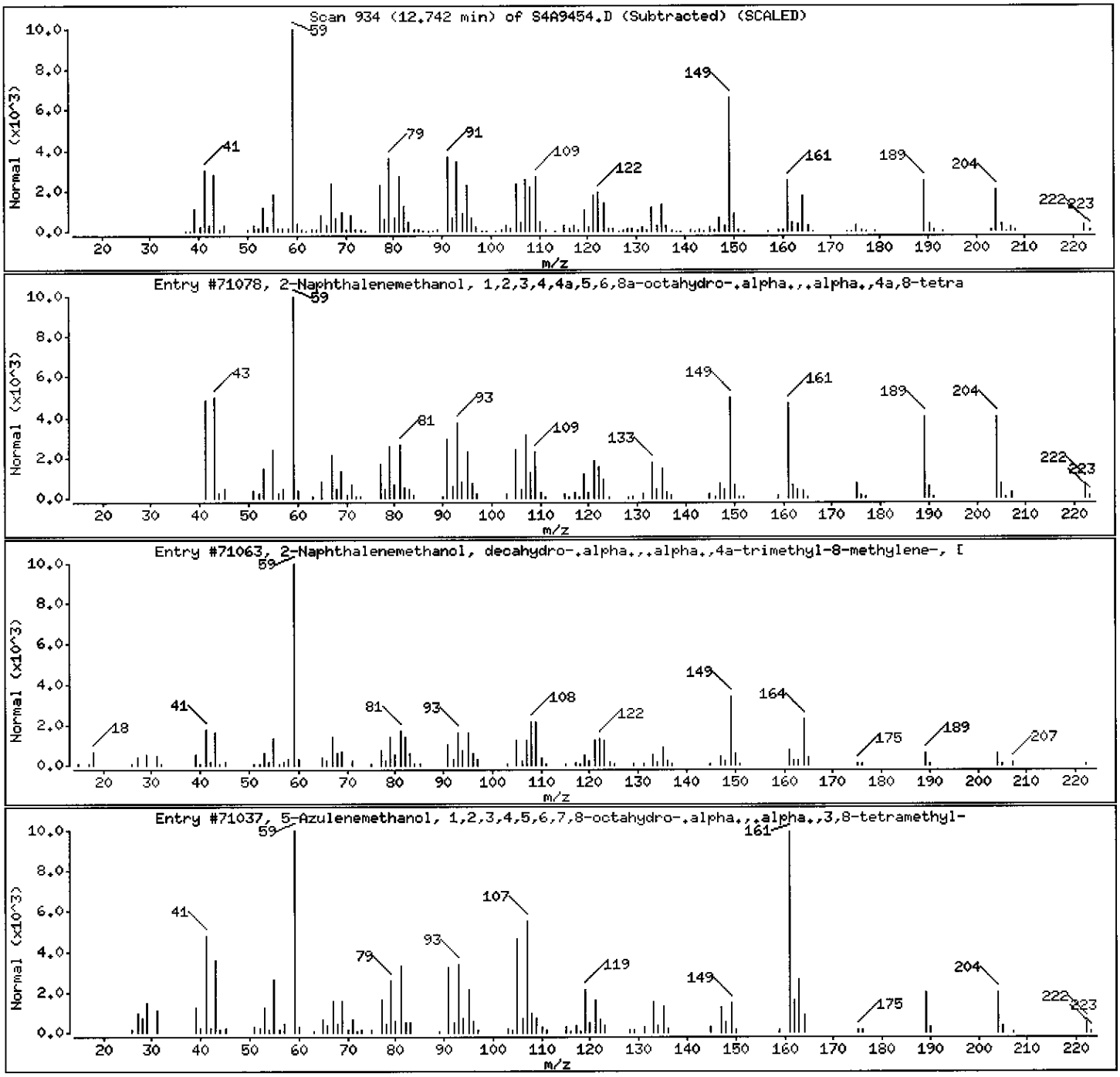
Client ID: SD08-S-0 Instrument: S4.i

Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Naphthalenemethanol, 1,2,3,4,4a,5,6,8a	473-16-5	NIST98.L	71078	96	C15H260	222
2-Naphthalenemethanol, decahydro-.alpha.	473-15-4	NIST98.L	71063	90	C15H260	222
5-Azulenemethanol, 1,2,3,4,5,6,7,8-octah	13822-35-0	NIST98.L	71037	43	C15H260	222



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9454.D

Date : 25-AUG-2005 11:31

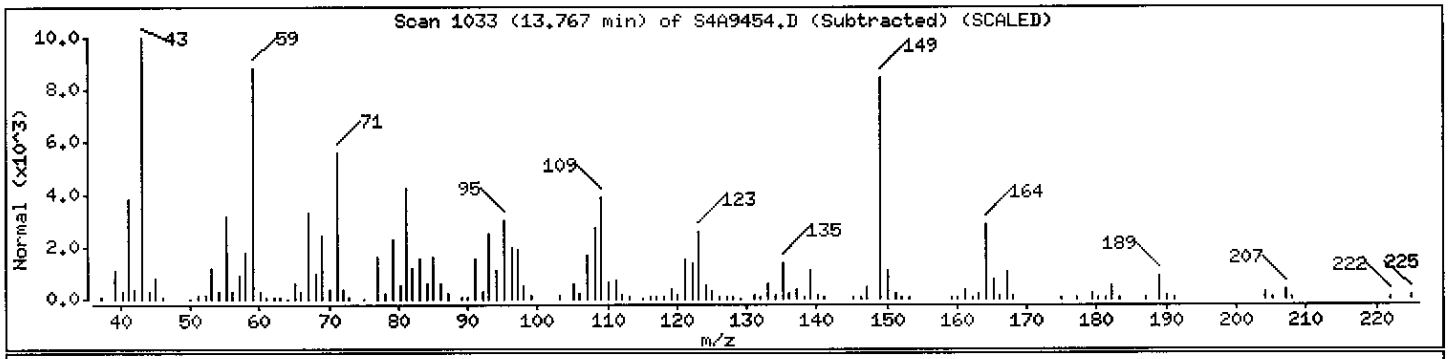
Client ID: SD08-S-0 Instrument: S4.i

Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9454.D

Date : 25-AUG-2005 11:31

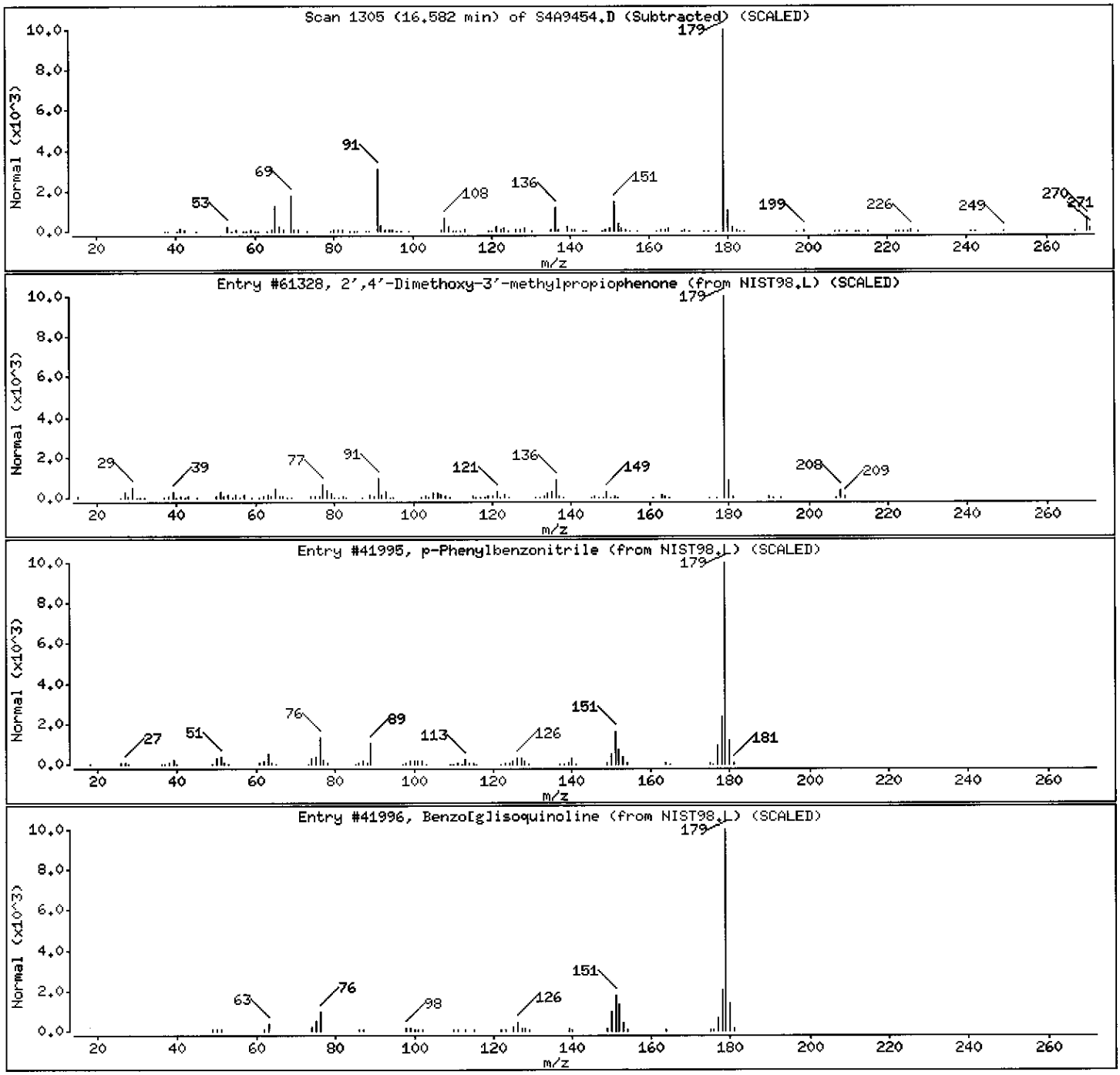
Client ID: SD08-S-0 Instrument: S4.i

Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2',4'-Dimethoxy-3'-methylpropiophenone	77942-13-3	NIST98.L	61328	45	C12H1603	208
p-Phenylbenzonitrile	2920-38-9	NIST98.L	41995	40	C13H9N	179
Benzo[g]isoquinoline	260-32-2	NIST98.L	41996	40	C13H9N	179



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Date : 25-AUG-2005 11:31

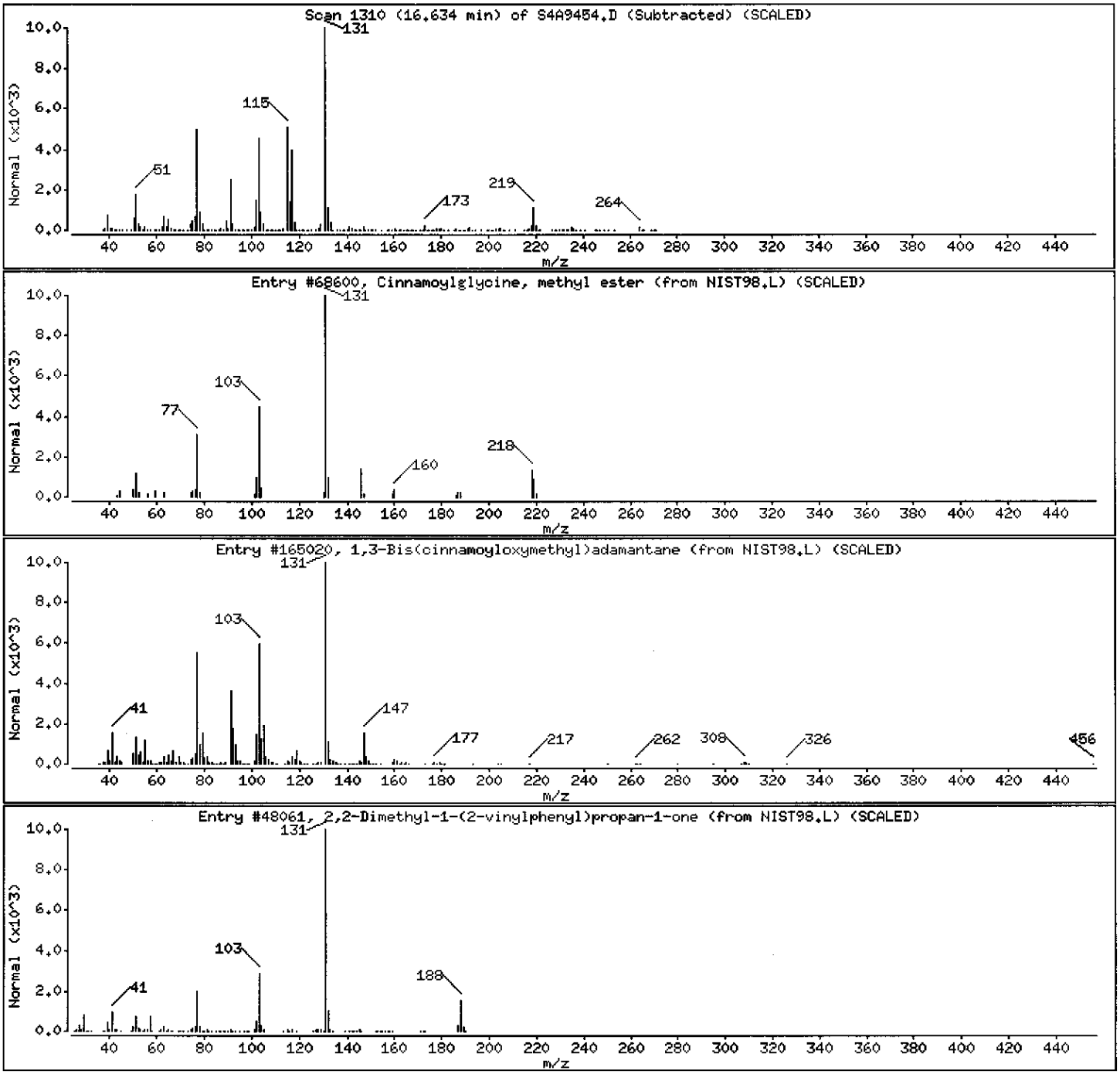
Client ID: SD08-S-0 Instrument: S4.i

Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cinnamoylglycine, methyl ester	40778-04-9	NIST98.L	68600	60	C12H13NO3	219
1,3-Bis(cinnamoyloxymethyl)adamantane	303797-58-2	NIST98.L	165020	50	C30H3204	456
2,2-Dimethyl-1-(2-vinylphenyl)propan-1-o	1000210-99-9	NIST98.L	48061	49	C13H160	188



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9454.D

Date : 25-AUG-2005 11:31

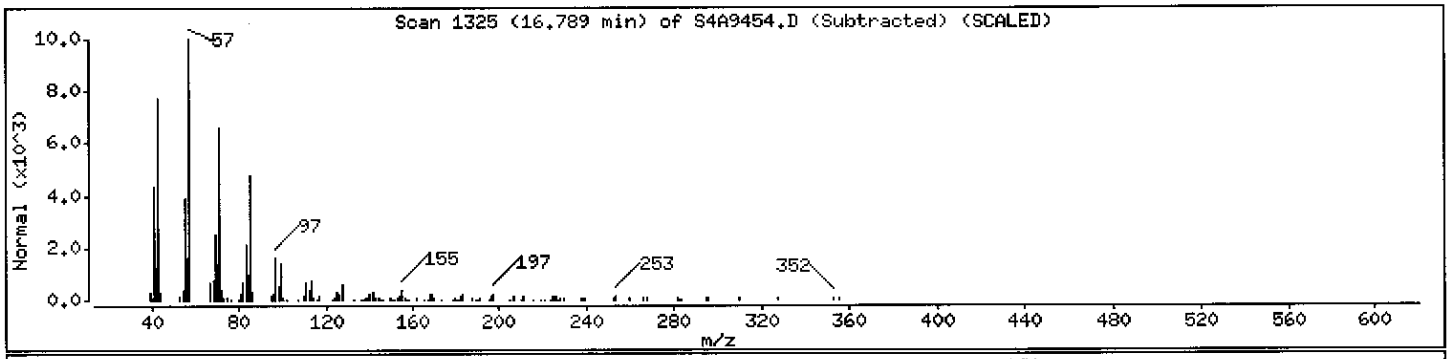
Client ID: SD08-S-0 Instrument: S4.i

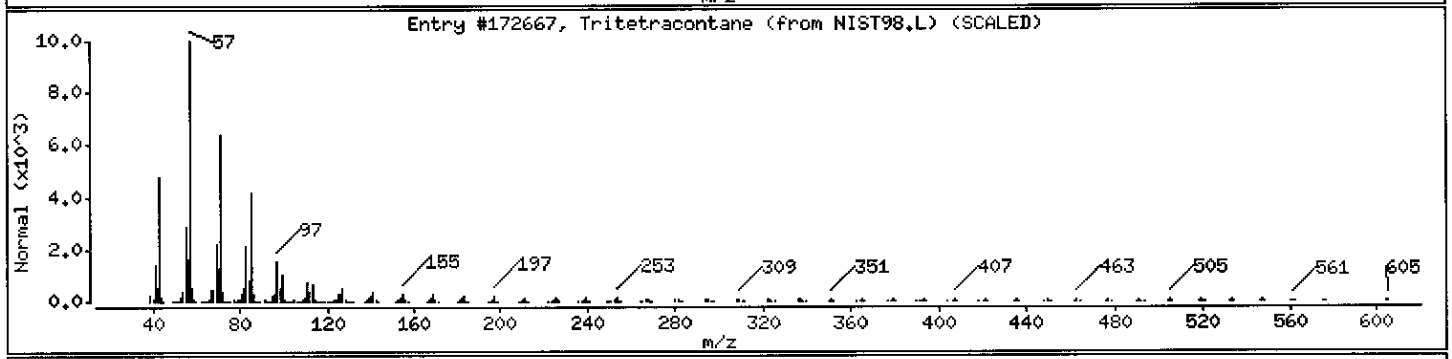
Sample Info: D0926-11A,,19468,,

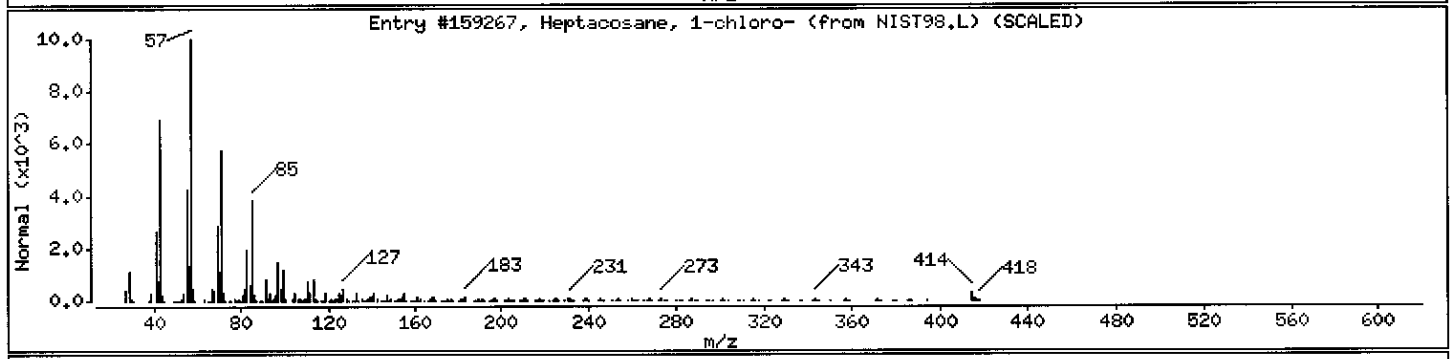
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

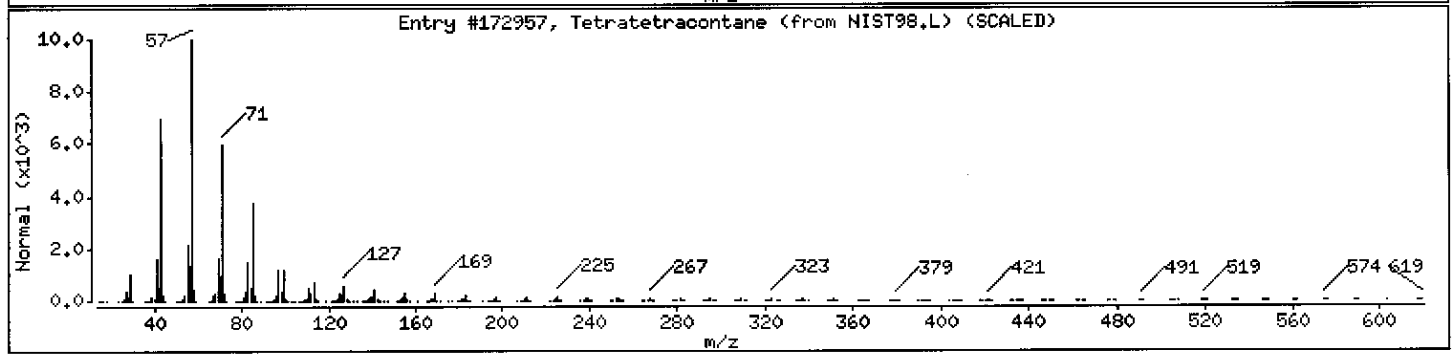
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Tritetracontane	7098-21-7	NIST98.L	172667	91	C43H88	605
Heptacosane, 1-chloro-	62016-79-9	NIST98.L	159267	91	C27H55Cl	414
Tetratetracontane	7098-22-8	NIST98.L	172957	90	C44H90	619









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Date : 25-AUG-2005 11:31

Client ID: SD08-S-O

Instrument: S4.i

Sample Info: D0926-11A,,19468,,

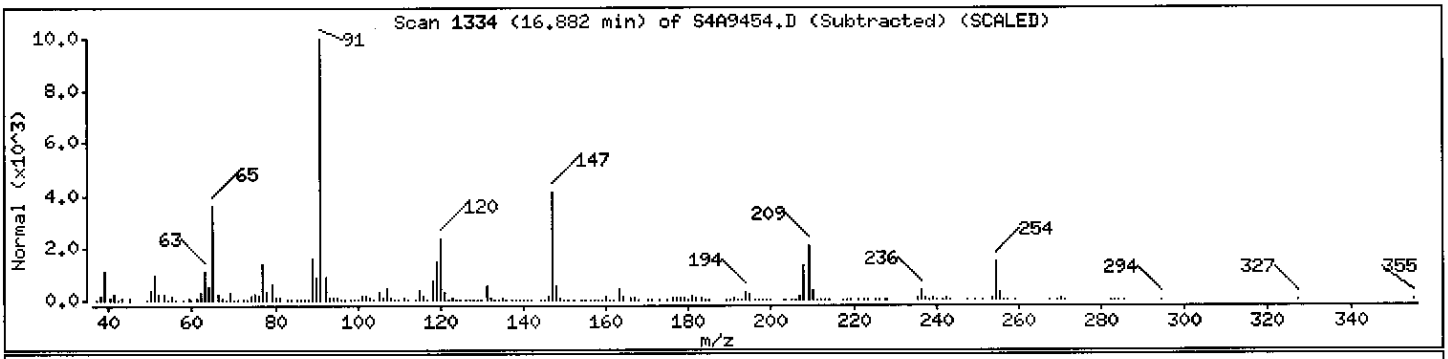
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 11:31

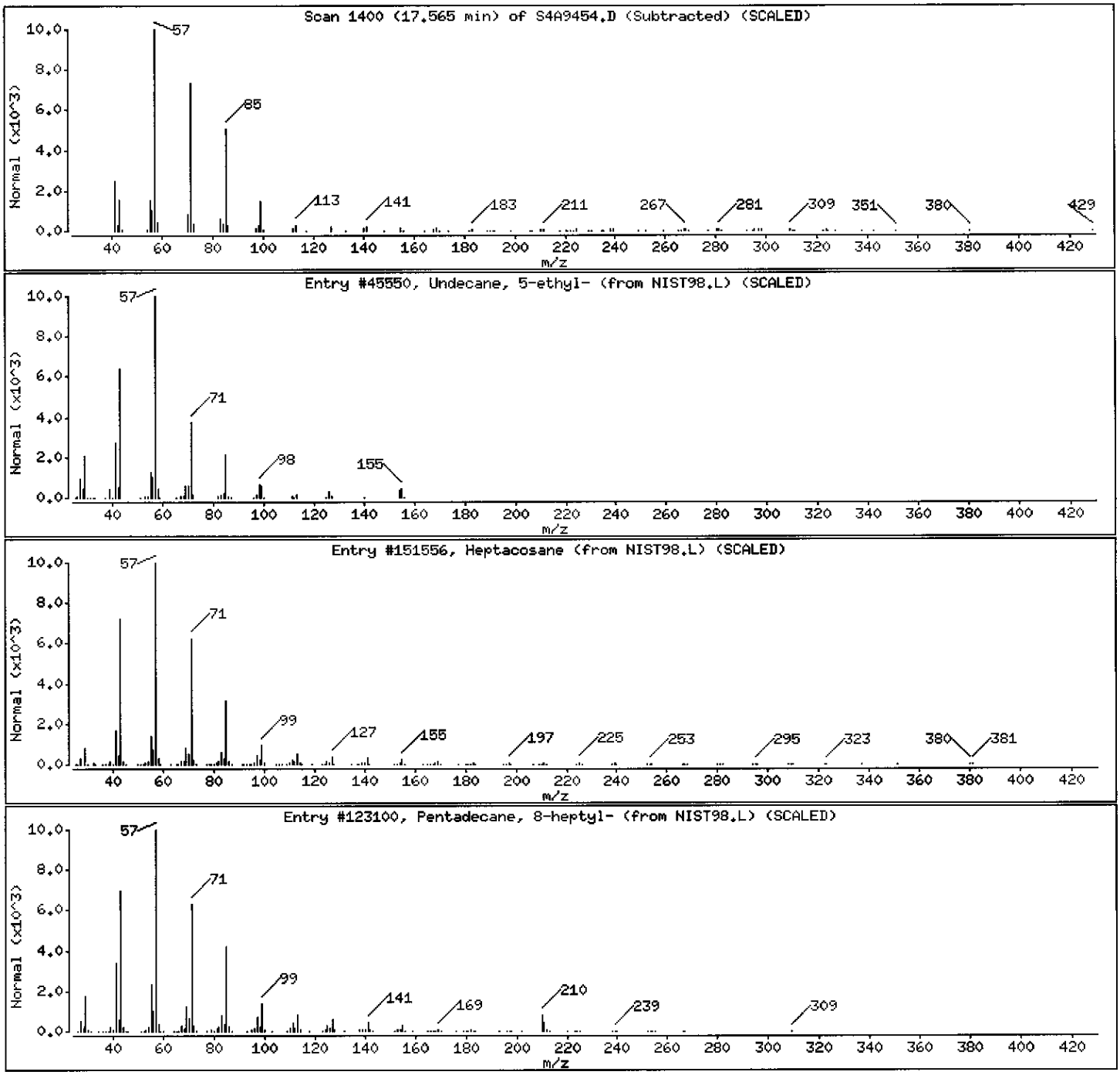
Client ID: SD08-S-0 Instrument: S4.i

Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Undecane, 5-ethyl-	17453-94-0	NIST98.L	45550	83	C13H28	184
Heptacosane	593-49-7	NIST98.L	151556	81	C27H56	380
Pentadecane, 8-heptyl-	71005-15-7	NIST98.L	123100	78	C22H46	310



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Date : 25-AUG-2005 11:31

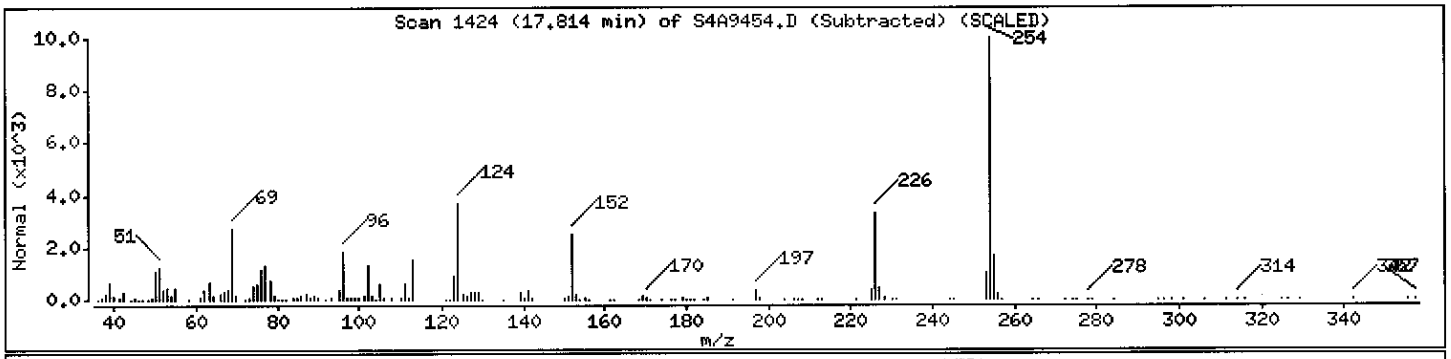
Client ID: SD08-S-0 Instrument: S4.i

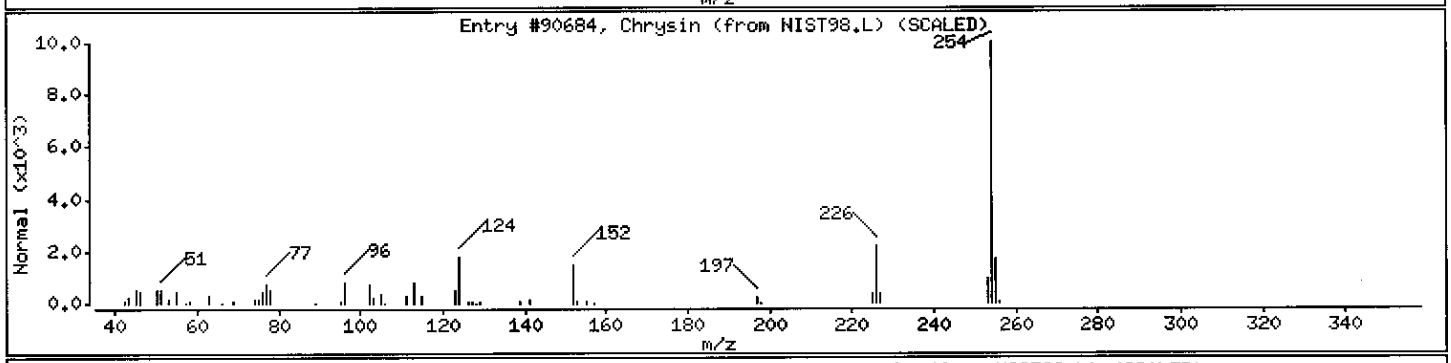
Sample Info: D0926-11A,,19468,,

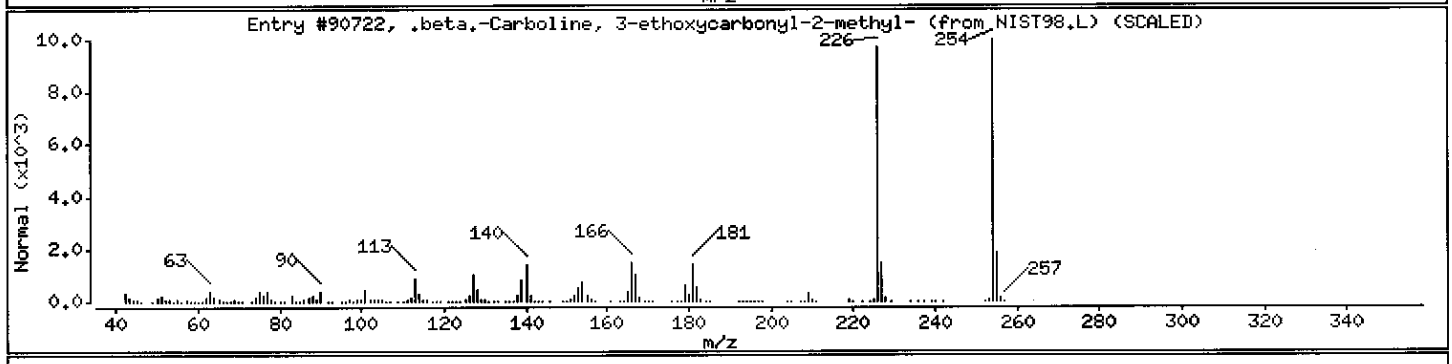
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Chrysin	480-40-0	NIST98.L	90684	94	C15H10O4	254
.beta.-Carboline, 3-ethoxycarbonyl-2-met	124487-93-0	NIST98.L	90722	43	C15H14N2O2	254







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Date : 25-AUG-2005 11:31

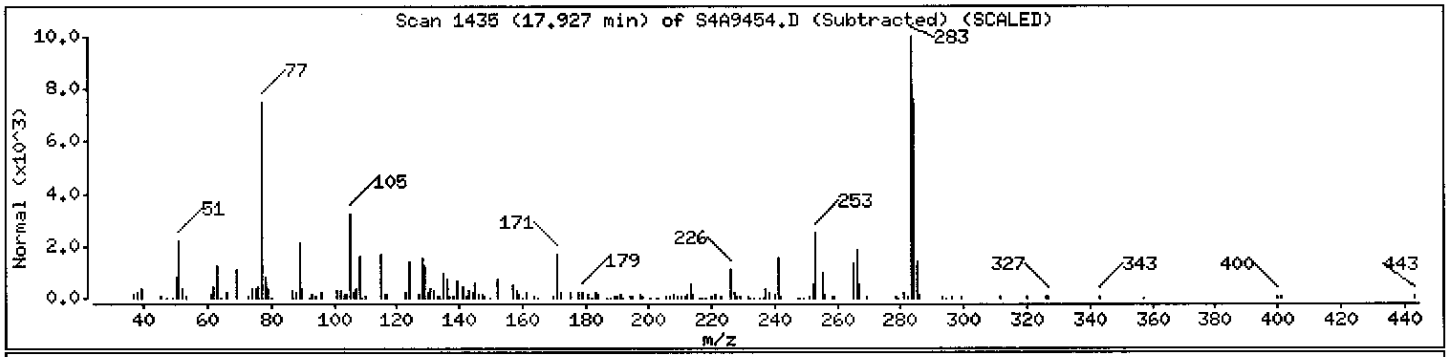
Client ID: SD08-S-0 Instrument: S4.i

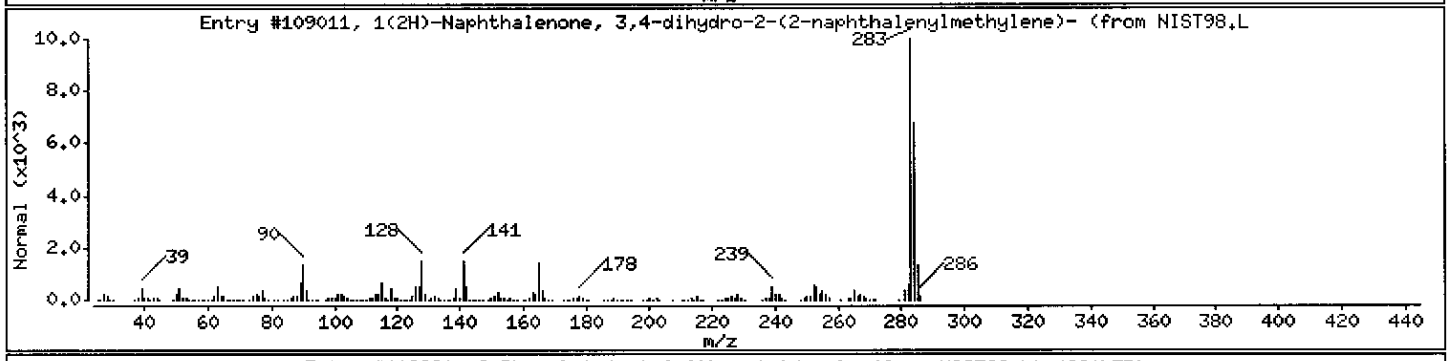
Sample Info: D0926-11A,,19468,,

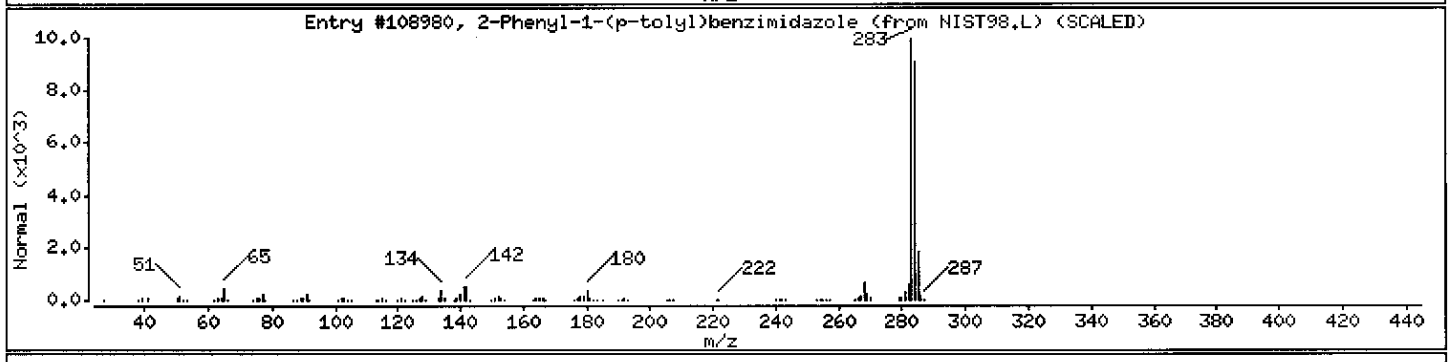
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1(2H)-Naphthalenone, 3,4-dihydro-2-(2-na	55723-88-1	NIST98.L	109011	43	C21H16O	284
2-Phenyl-1-(p-tolyl)benzimidazole	3510-25-6	NIST98.L	108980	43	C20H16N2	284







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Date : 25-AUG-2005 11:31

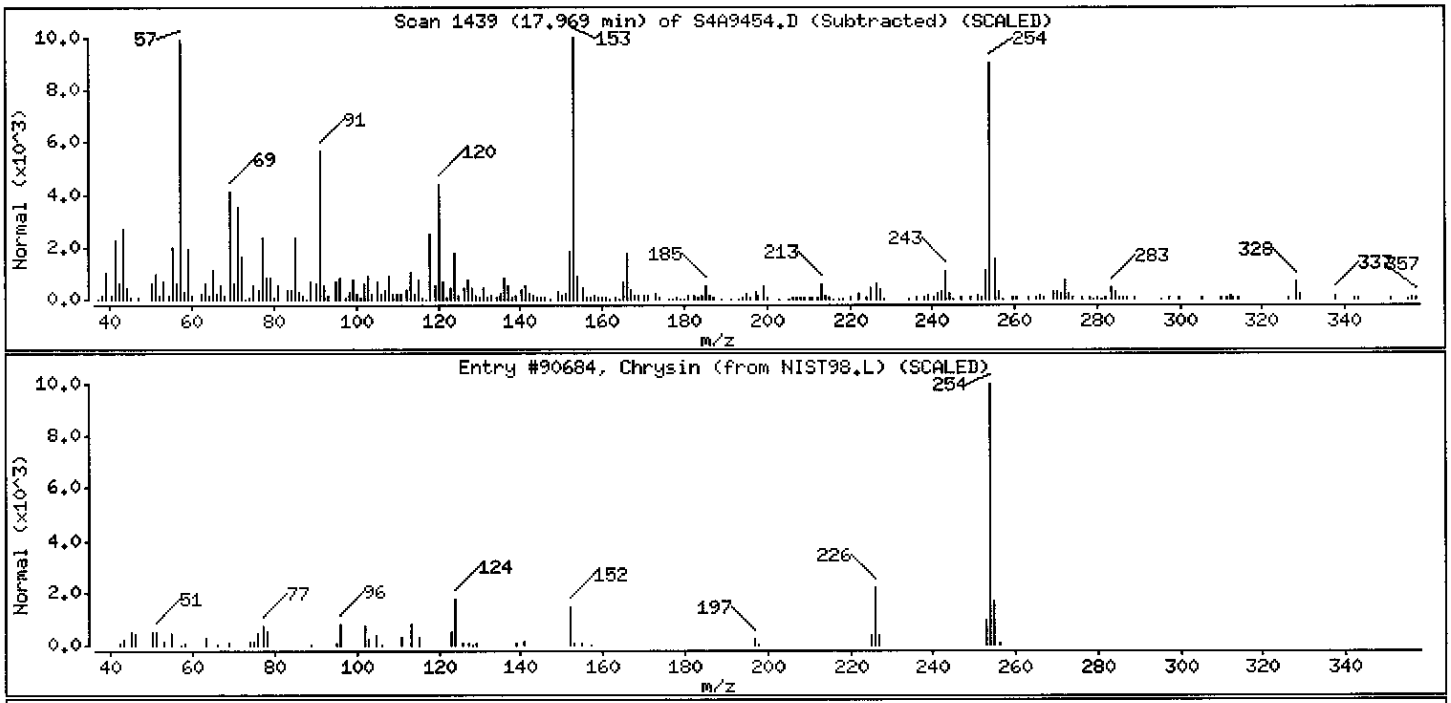
Client ID: SD08-S-0 Instrument: S4.i

Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Chrysin	480-40-0	NIST98.L	90684	52	C15H10O4	254



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Date : 25-AUG-2005 11:31

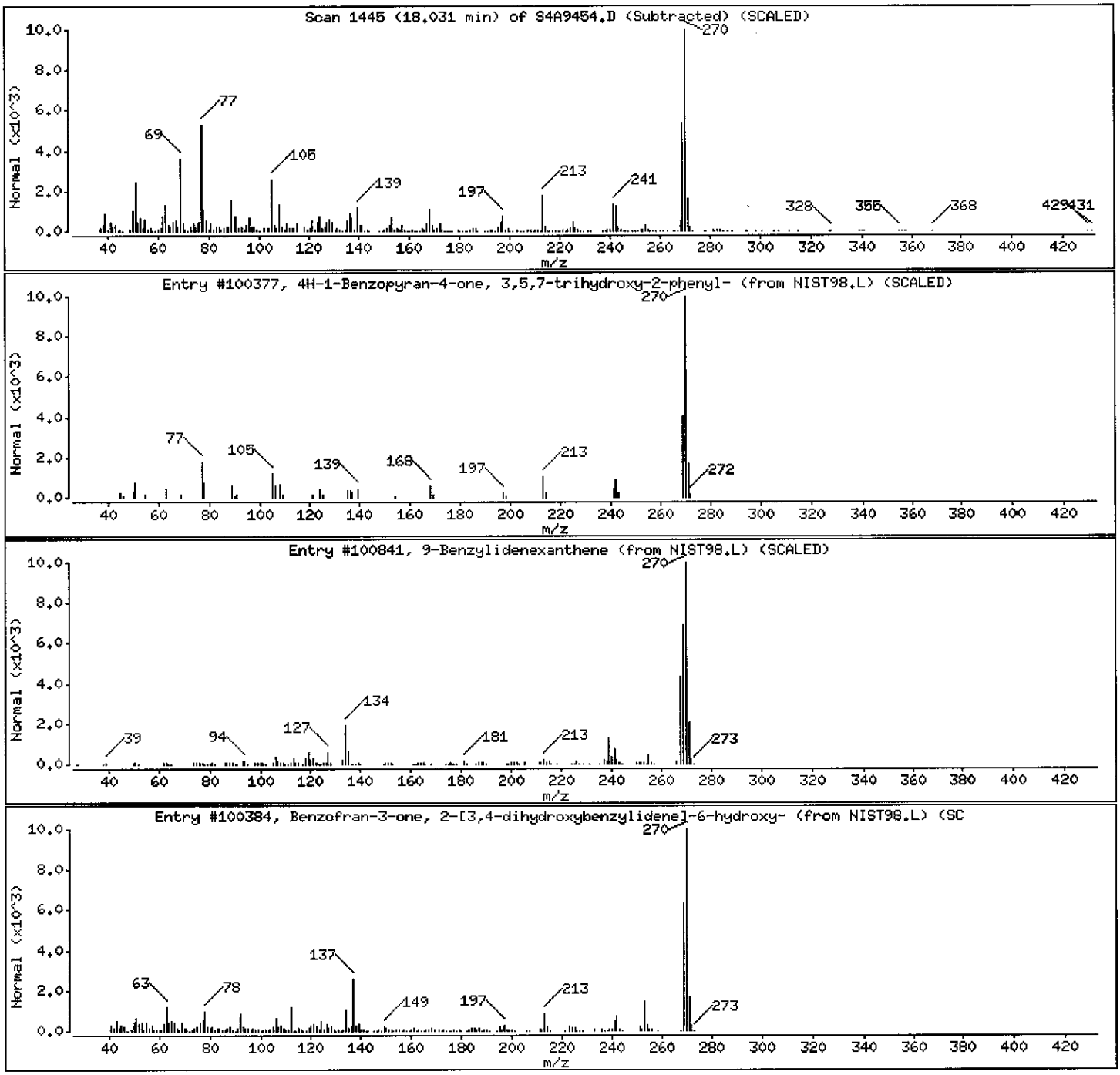
Client ID: SD08-S-0 Instrument: S4.i

Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
4H-1-Benzopyran-4-one, 3,5,7-trihydroxy-	548-83-4	NIST98.L	100377	76	C15H1005	270
9-Benzylidenexanthene	27980-52-5	NIST98.L	100841	52	C20H140	270
Benzofran-3-one, 2-[3,4-dihydroxybenzyli	1000128-63-2	NIST98.L	100384	52	C15H1005	270



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Date : 25-AUG-2005 11:31

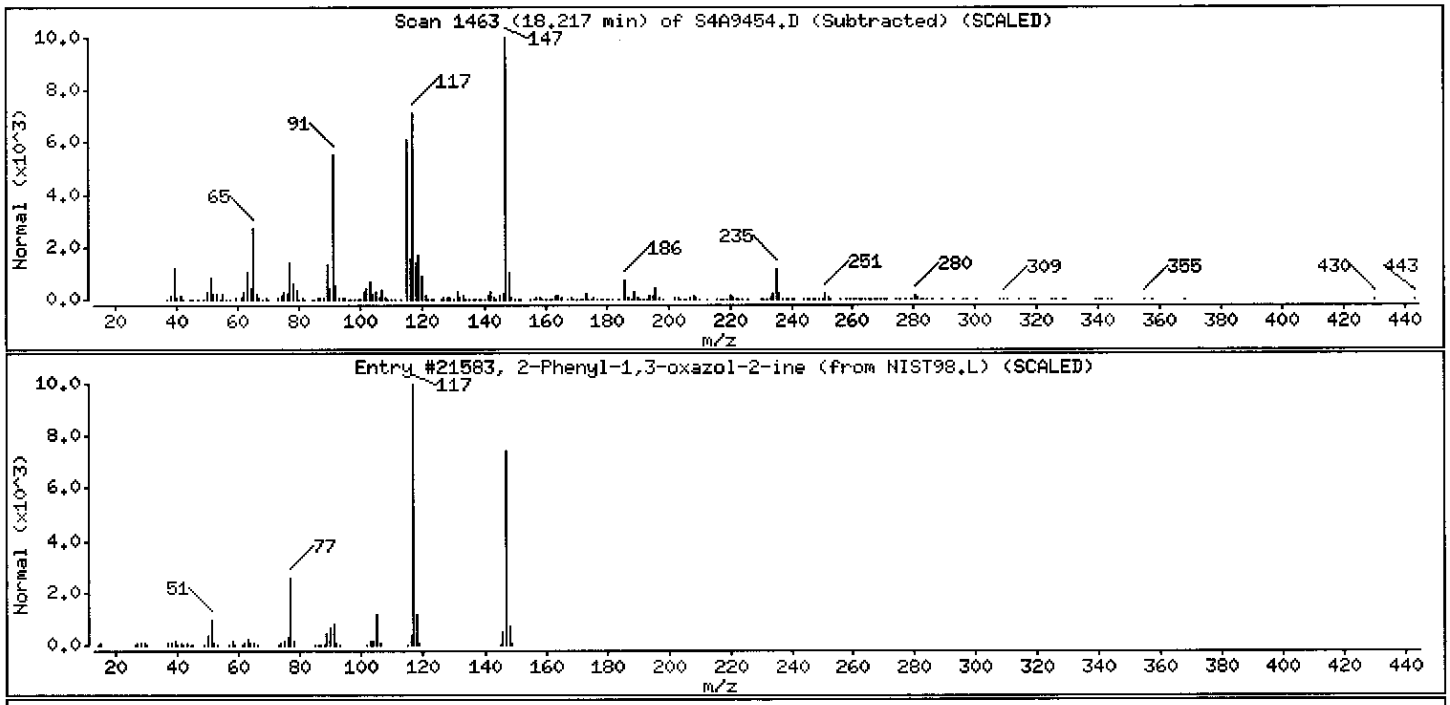
Client ID: SD08-S-0 Instrument: S4.i

Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Phenyl-1,3-oxazol-2-ine	7127-19-7	NIST98.L	21583	47	C9H9NO	147



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Date : 25-AUG-2005 11:31

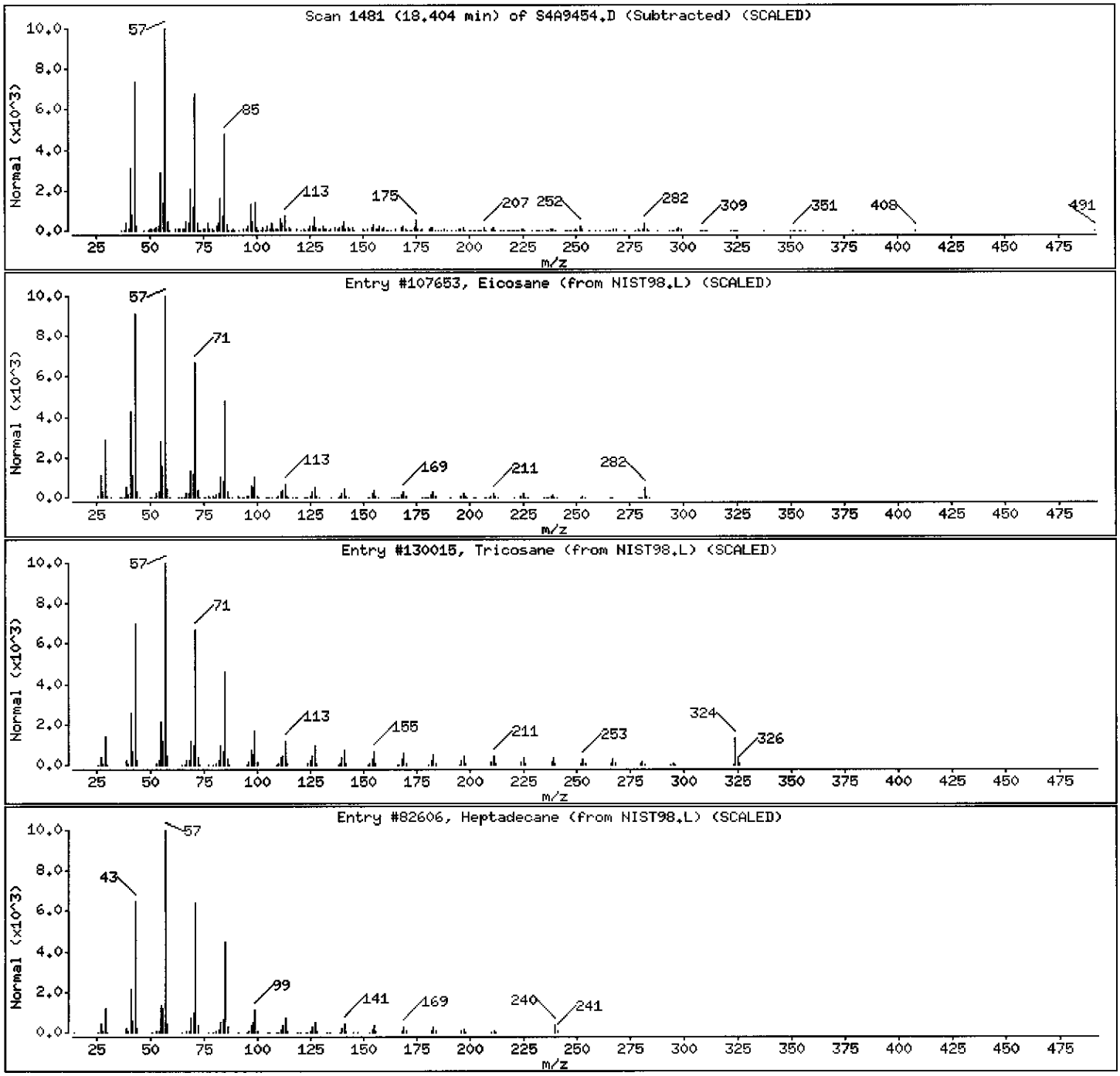
Client ID: SD08-S-0 Instrument: S4.i

Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Eicosane	112-95-8	NIST98.L	107653	99	C20H42	282
Tricosane	638-67-6	NIST98.L	130015	94	C23H48	324
Heptadecane	629-78-7	NIST98.L	82606	94	C17H36	240



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Date : 25-AUG-2005 11:31

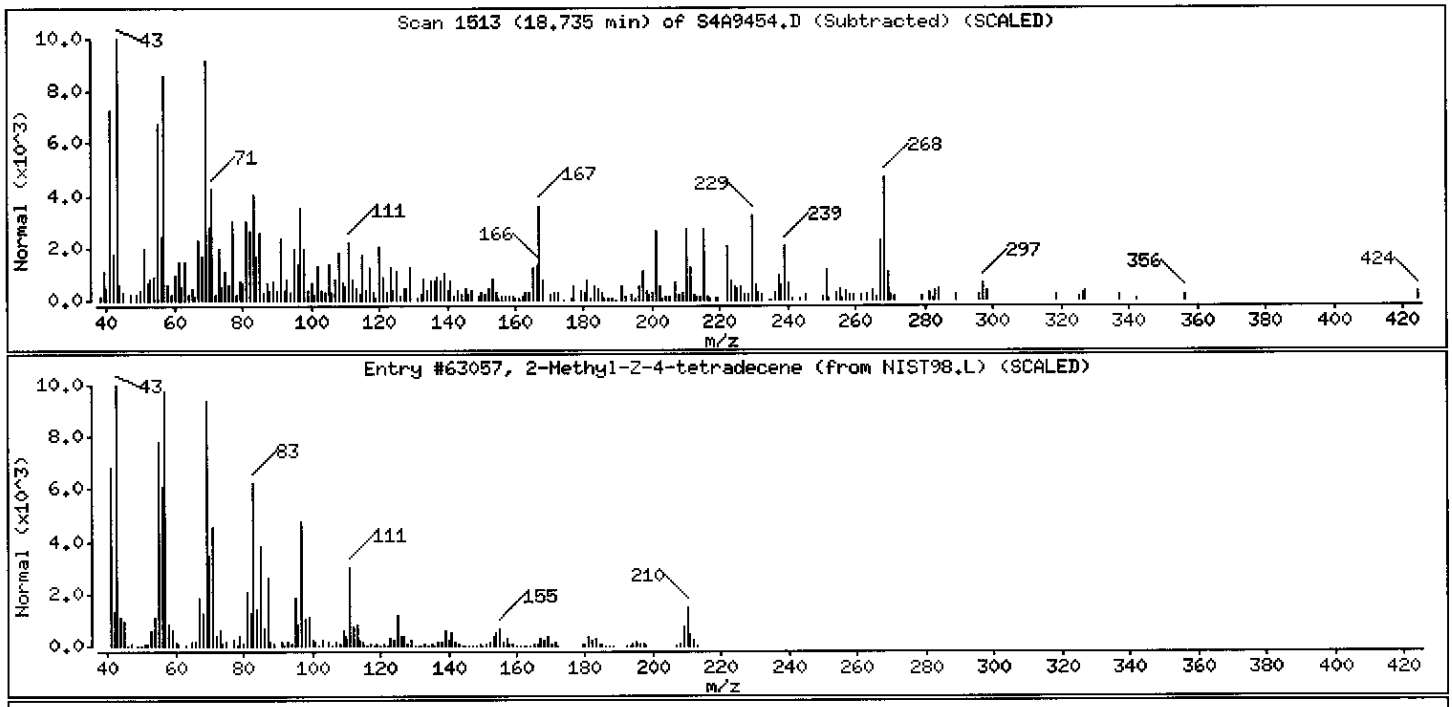
Client ID: SD08-S-0 Instrument: S4.i

Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Methyl-Z-4-tetradecene	1000130-78-3	NIST98.L	63057	47	C15H30	210



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Date : 25-AUG-2005 11:31

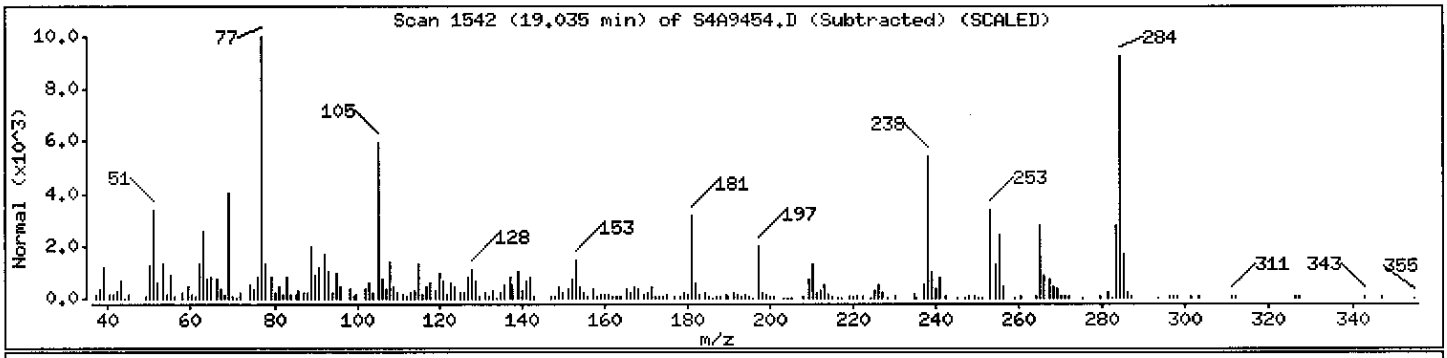
Client ID: SD08-S-0 Instrument: S4.i

Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 11:31

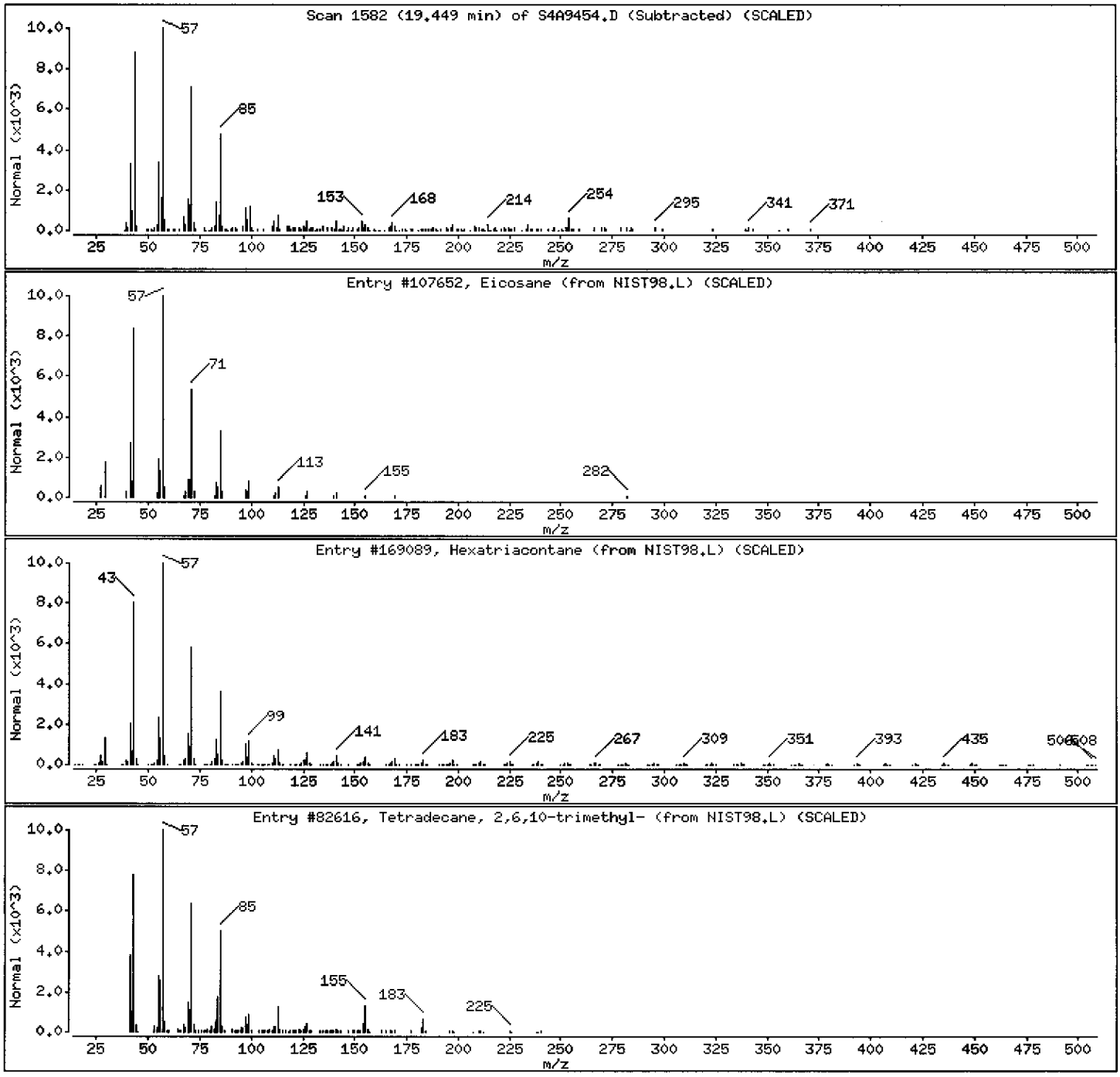
Client ID: SD08-S-0 Instrument: S4.i

Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Eicosane	112-95-8	NIST98.L	107652	93	C20H42	282
Hexatriacontane	630-06-8	NIST98.L	169089	87	C36H74	507
Tetradecane, 2,6,10-trimethyl-	14905-56-7	NIST98.L	82616	87	C17H36	240



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Date : 25-AUG-2005 11:31

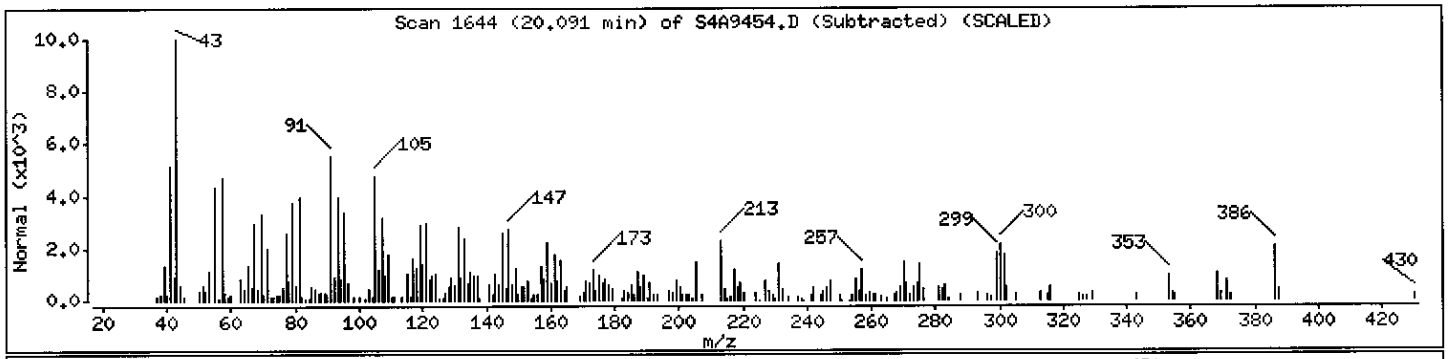
Client ID: SD08-S-0 Instrument: S4.i

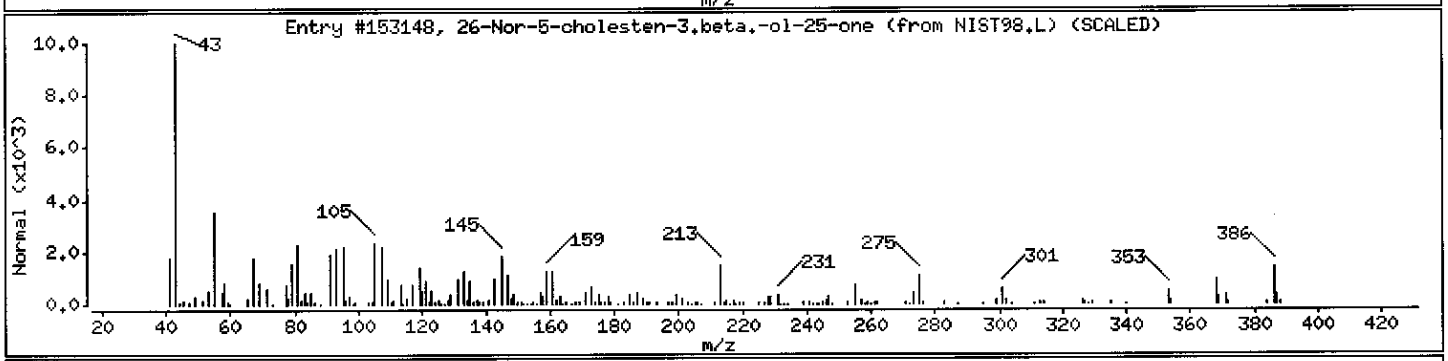
Sample Info: D0926-11A,,19468,,

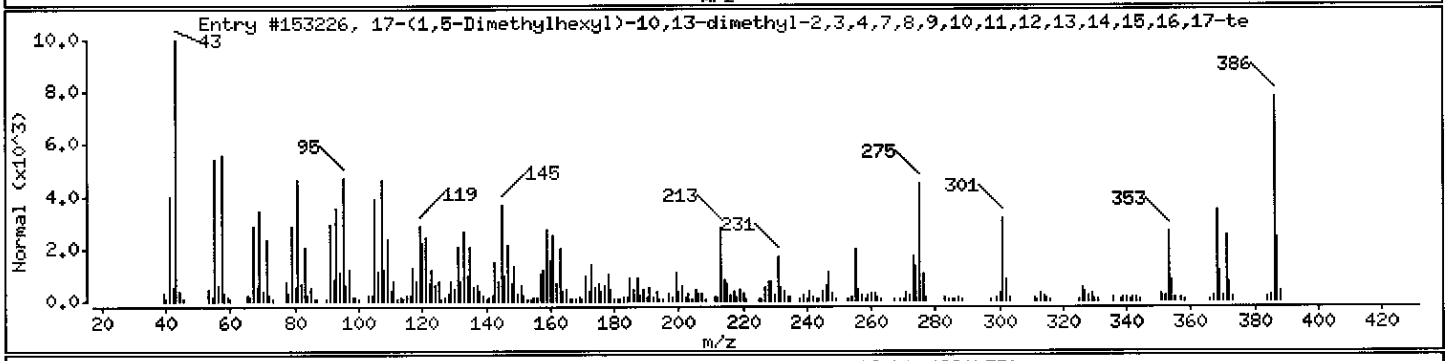
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

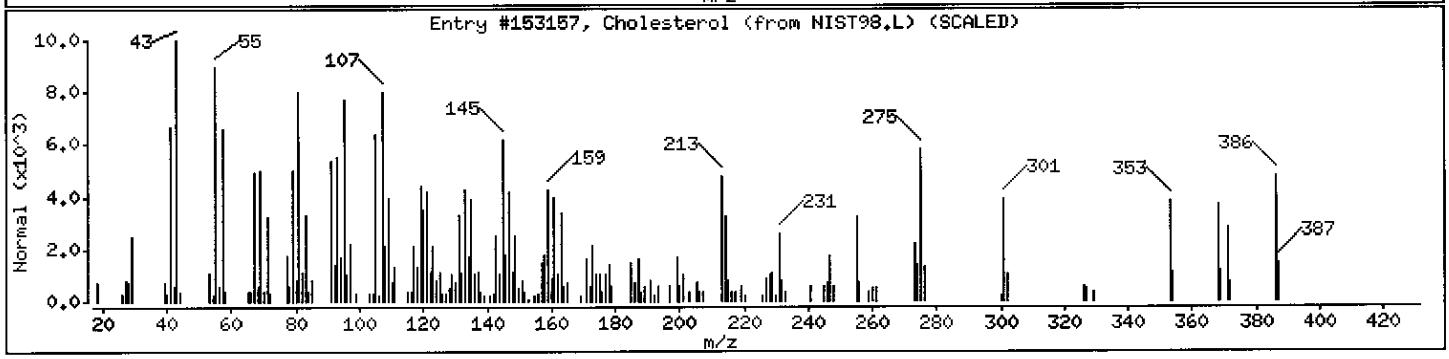
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
26-Nor-5-cholesten-3.beta.-ol-25-one	7494-34-0	NIST98.L	153148	96	C26H4202	386
17-(1,5-Dimethylhexyl)-10,13-dimethyl-2,	1000210-38-4	NIST98.L	153226	86	C27H460	386
Cholesterol	57-88-5	NIST98.L	153157	53	C27H460	386









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Date : 25-AUG-2005 11:31

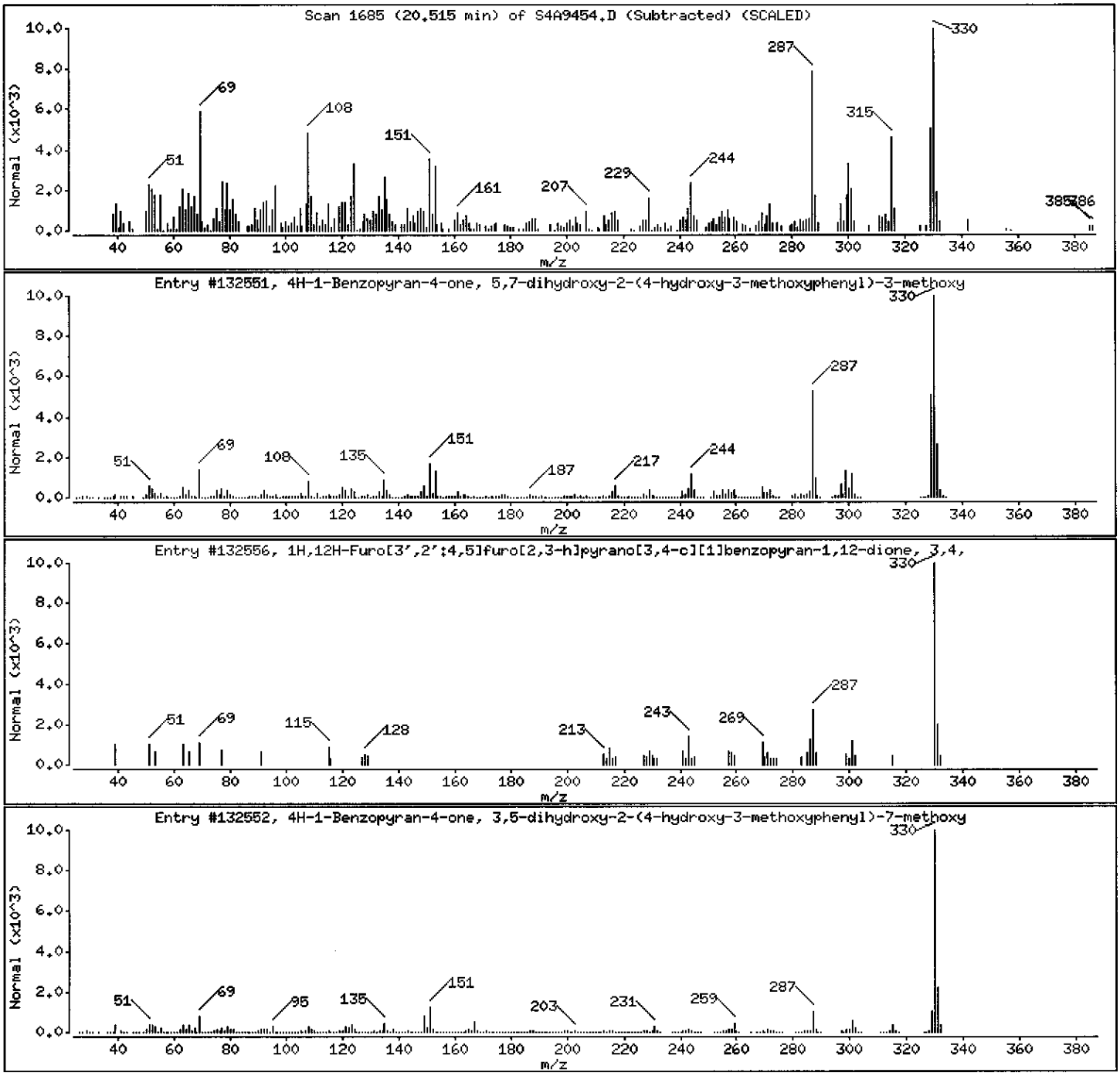
Client ID: SD08-S-0 Instrument: S4.i

Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
4H-1-Benzopyran-4-one, 5,7-dihydroxy-2-(	4382-17-6	NIST98.L	132551	95	C17H1407	330
1H,12H-Furo[3',2':4,5]furo[2,3-h]pyrano[	7241-98-7	NIST98.L	132556	45	C17H1407	330
4H-1-Benzopyran-4-one, 3,5-dihydroxy-2-(	552-54-5	NIST98.L	132552	42	C17H1407	330



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Date : 25-AUG-2005 11:31

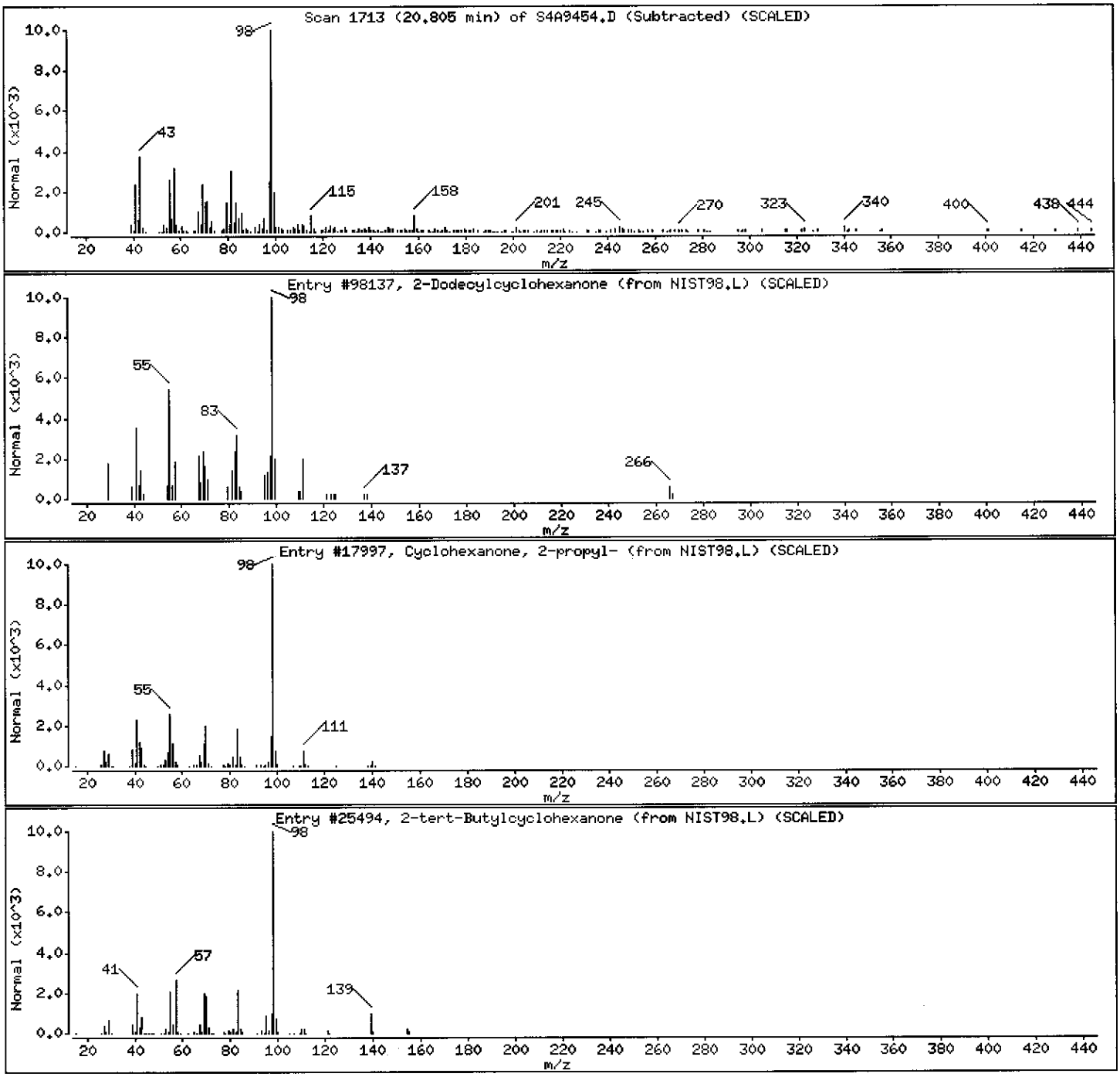
Client ID: SD08-S-0 Instrument: S4.i

Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Dodecylcyclohexanone	15674-95-0	NIST98.L	98137	50	C18H340	266
Cyclohexanone, 2-propyl-	94-65-5	NIST98.L	17997	50	C9H160	140
2-tert-Butylcyclohexanone	1728-46-7	NIST98.L	25494	49	C10H180	154



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Date : 25-AUG-2005 11:31

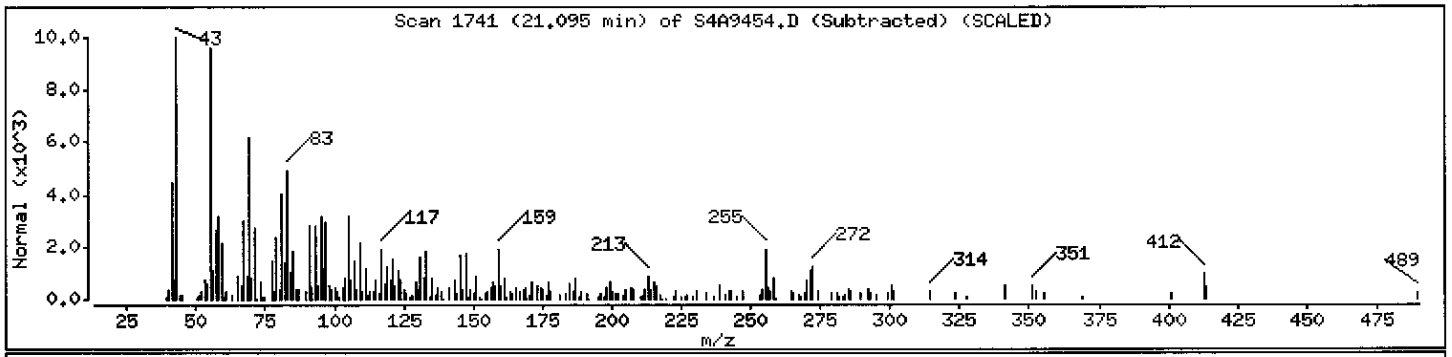
Client ID: SD08-S-0 Instrument: S4.i

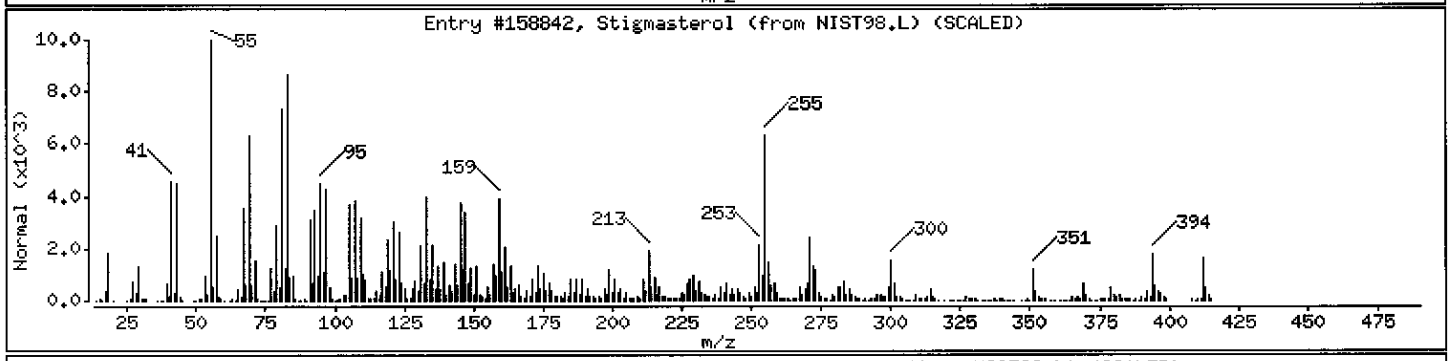
Sample Info: D0926-11A,,19468,,

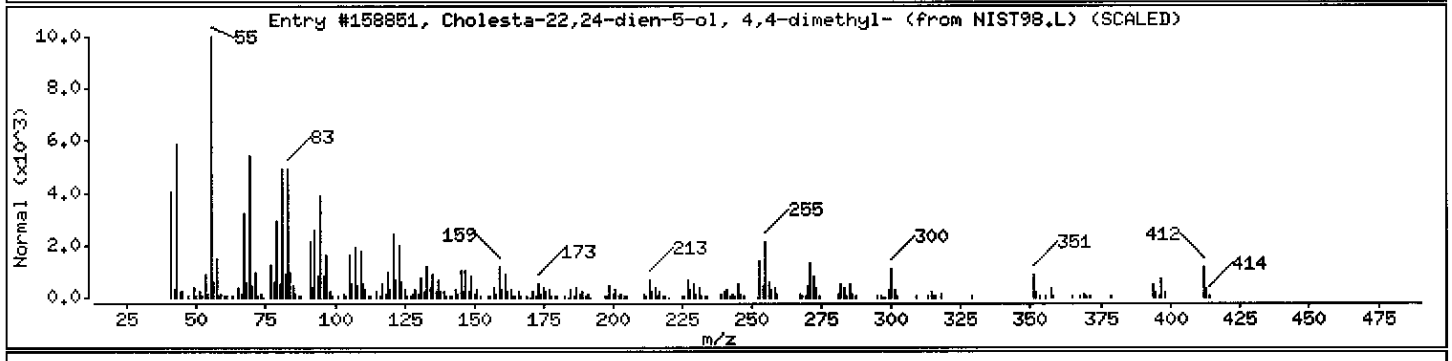
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Stigmasterol	83-48-7	NIST98.L	158842	94	C29H480	412
Cholesta-22,24-dien-5-ol, 4,4-dimethyl-	1000128-66-1	NIST98.L	158851	60	C29H480	412







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Date : 25-AUG-2005 11:31

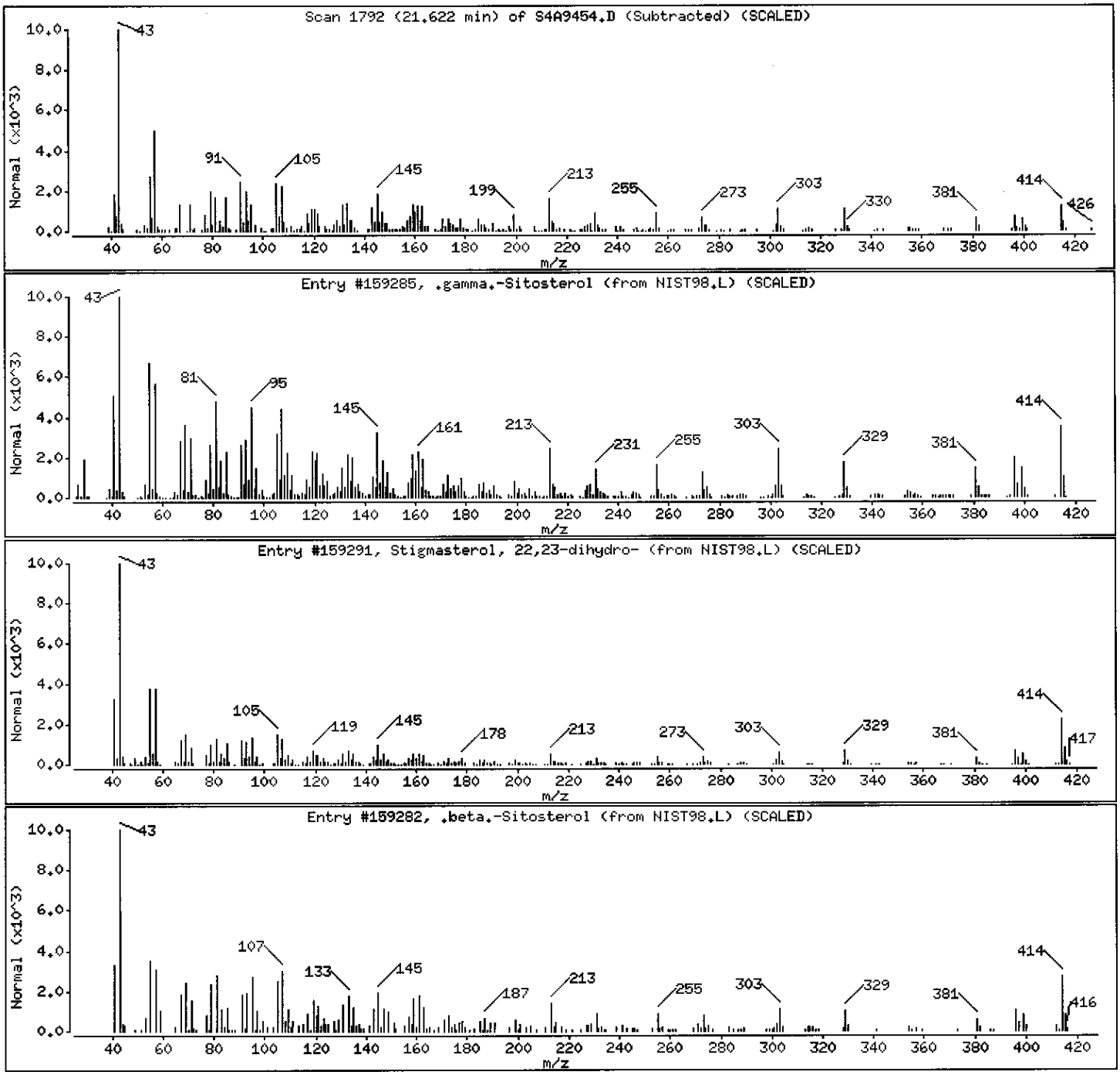
Client ID: SD08-S-0 Instrument: S4.i

Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.gamma.-Sitosterol	83-47-6	NIST98.L	159285	96	C29H500	414
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST98.L	159291	96	C29H500	414
.beta.-Sitosterol	83-46-5	NIST98.L	159282	92	C29H500	414



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Date : 25-AUG-2005 11:31

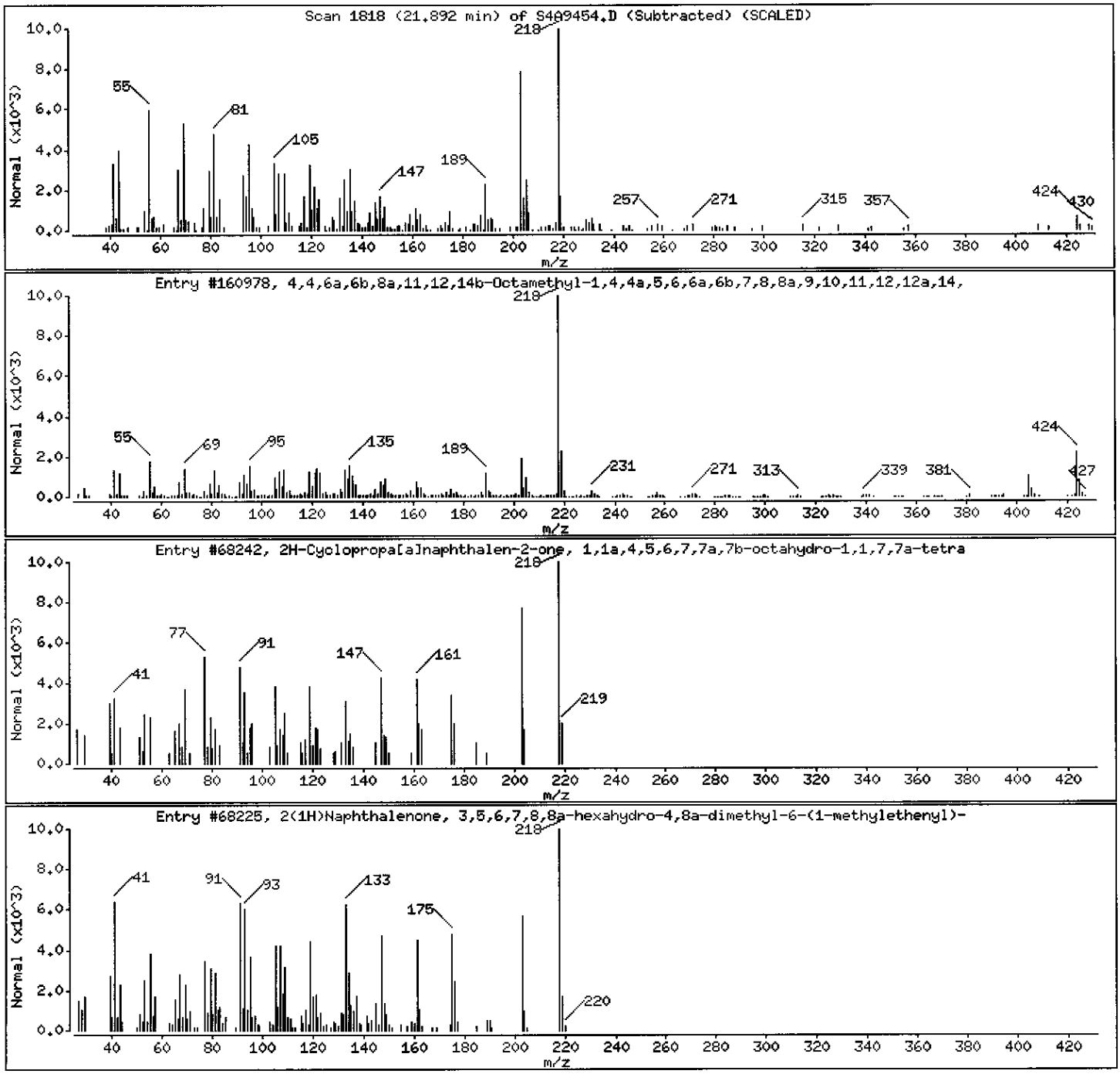
Client ID: SD08-S-0 Instrument: S4.i

Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
4,4,6a,6b,8a,11,12,14b-Octamethyl-1,4,4a	1000194-64-2	NIST98.L	160978	68	C30H480	424
2H-Cyclopropa[a]naphthalen-2-one, 1,1a,4	6831-17-0	NIST98.L	68242	58	C15H220	218
2(1H)Naphthalenone, 3,5,6,7,8,8a-hexahyd	1000188-66-5	NIST98.L	68225	43	C15H220	218



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9454.D

Date : 25-AUG-2005 11:31

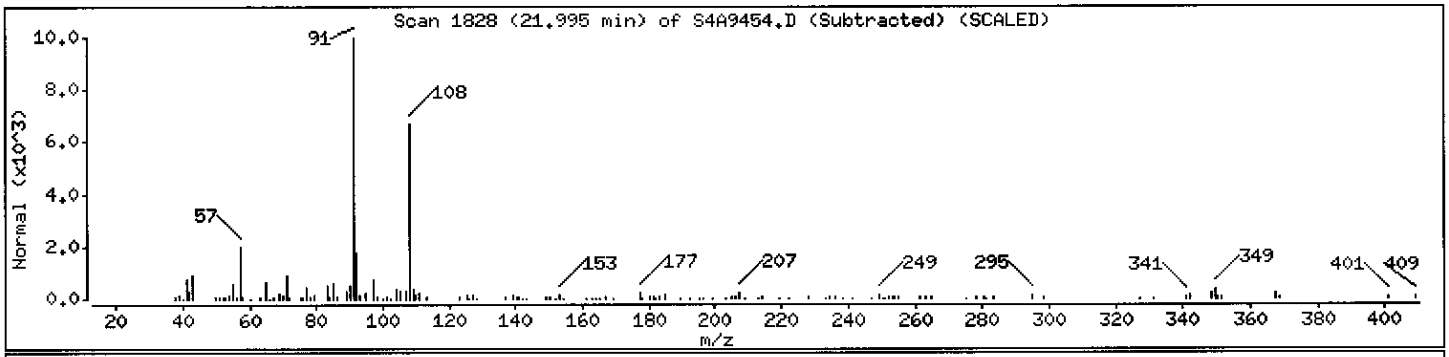
Client ID: SD08-S-0 Instrument: S4.i

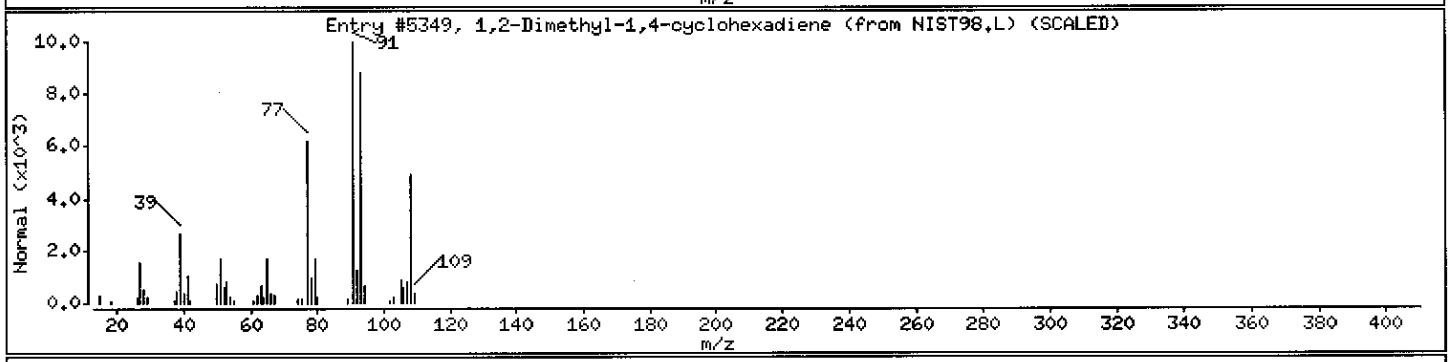
Sample Info: D0926-11A,,19468,,

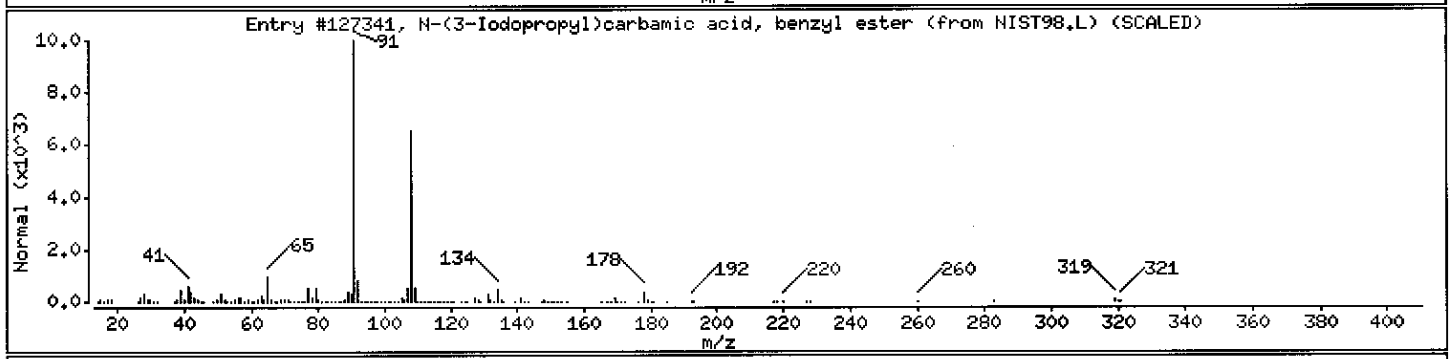
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1,2-Dimethyl-1,4-cyclohexadiene	17351-28-9	NIST98.L	5349	45	C8H12	108
N-(3-Iodopropyl)carbamic acid, benzyl es	84792-78-9	NIST98.L	127341	42	C11H14INO2	319







Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9454.D

Date : 25-AUG-2005 11:31

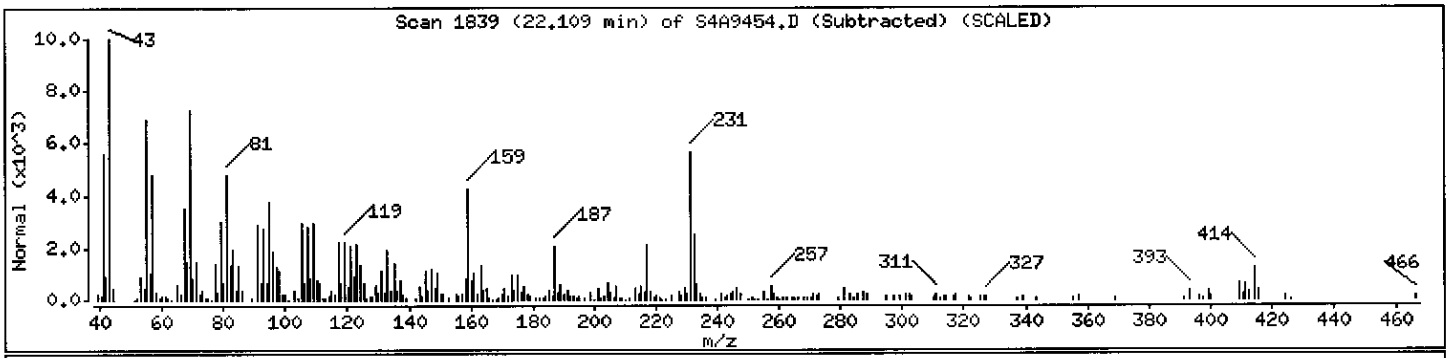
Client ID: SD08-S-0 Instrument: S4.i

Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 11:31

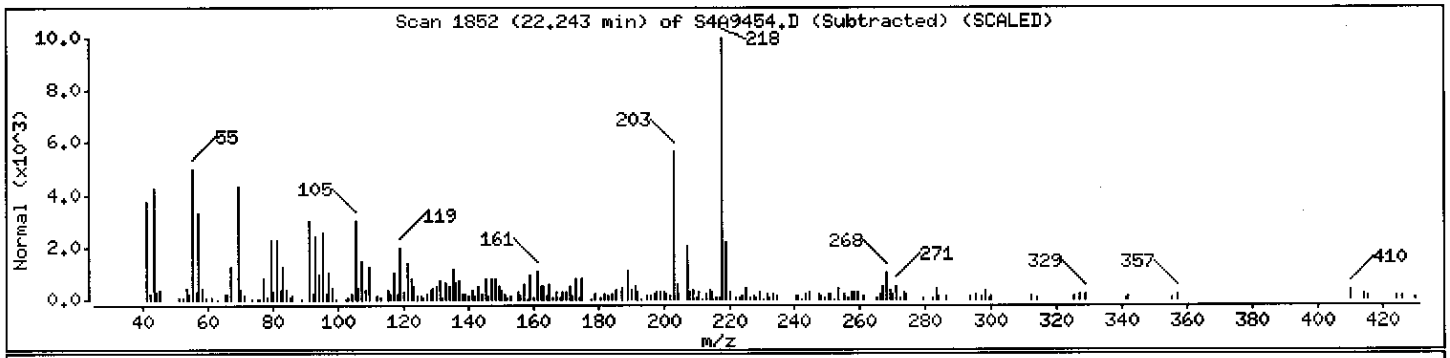
Client ID: SD08-S-0 Instrument: S4.i

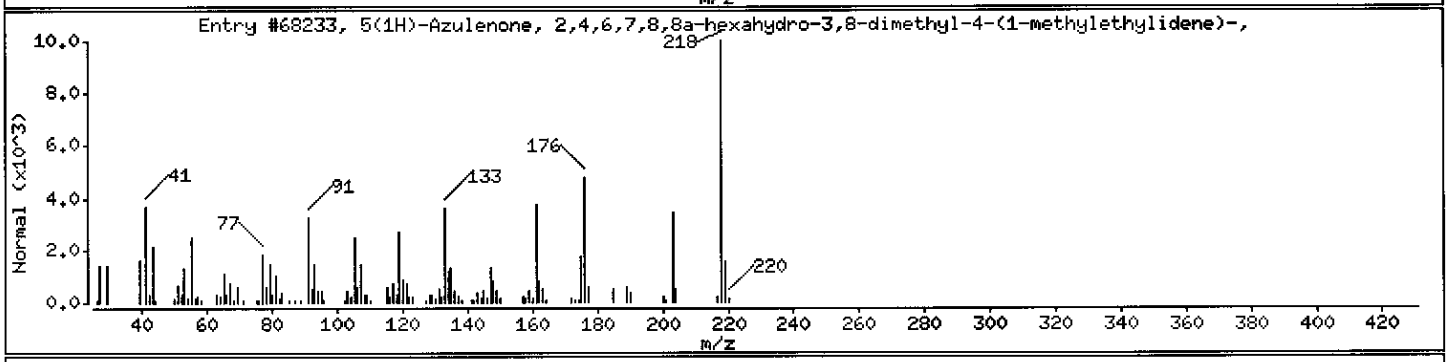
Sample Info: D0926-11A,,19468,,

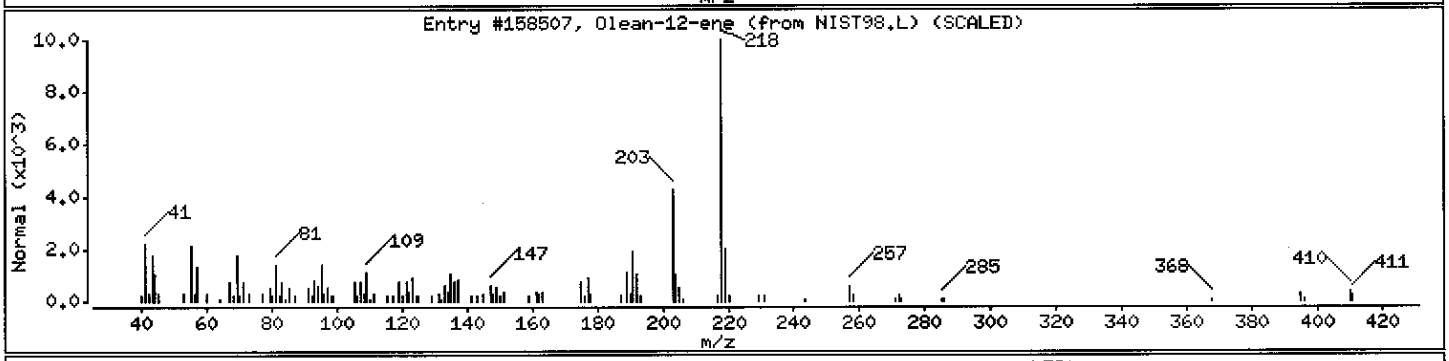
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

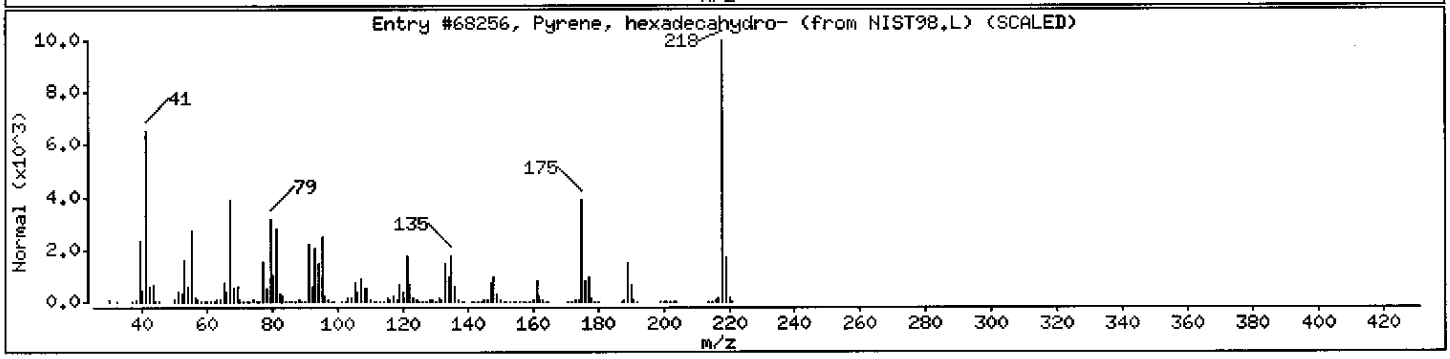
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
5(1H)-Azulenone, 2,4,6,7,8,8a-hexahydro-	6754-66-1	NIST98.L	68233	58	C15H220	218
Olean-12-ene	471-68-1	NIST98.L	158507	53	C30H50	410
Pyrene, hexadecahydro-	2435-85-0	NIST98.L	68256	50	C16H26	218









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Date : 25-AUG-2005 11:31

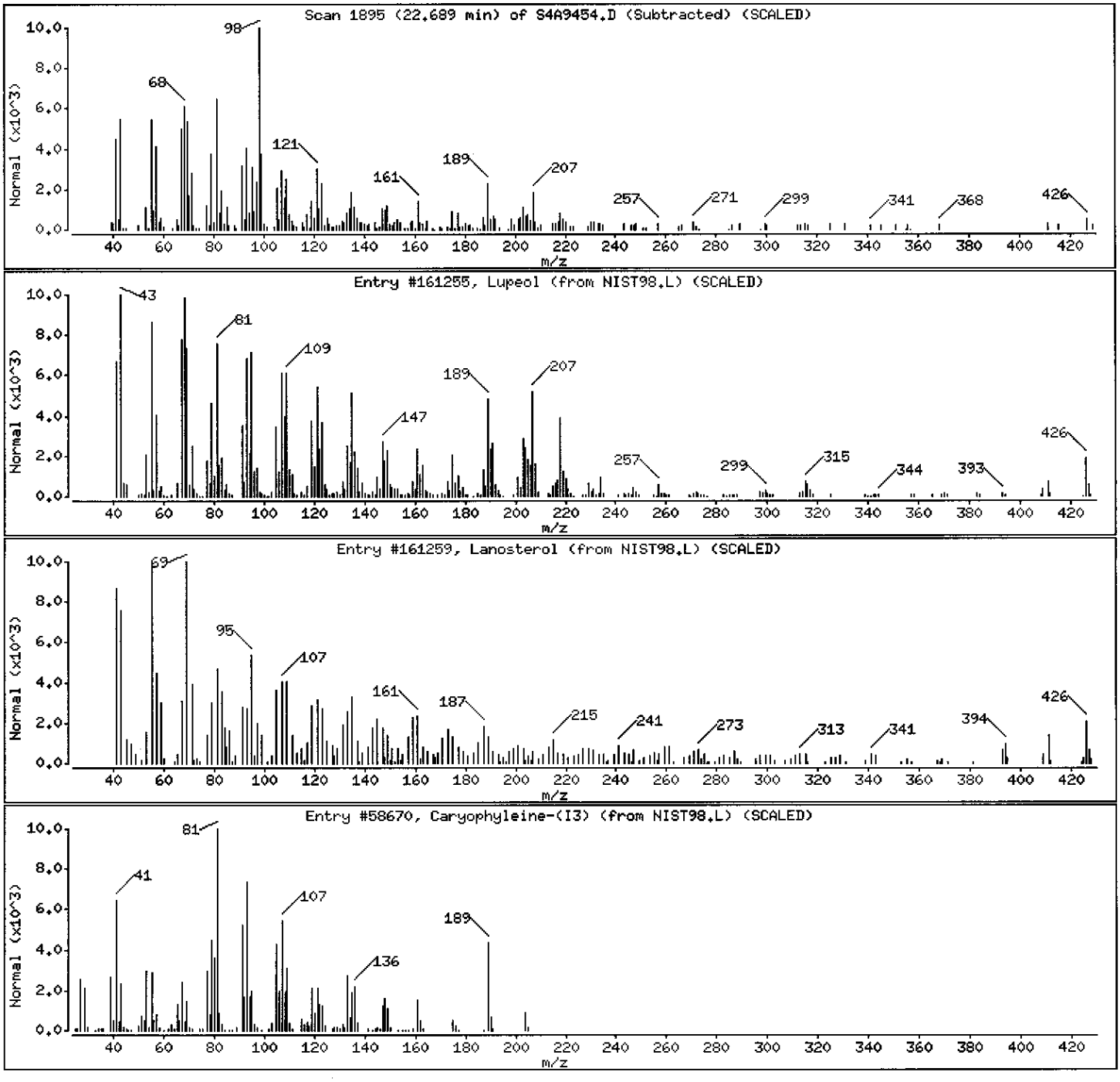
Client ID: SD08-S-0 Instrument: S4.i

Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Lupeol	545-47-1	NIST98.L	161255	55	C30H50O	426
Lanosterol	79-63-0	NIST98.L	161259	48	C30H50O	426
Caryophyleine-(I3)	136296-37-2	NIST98.L	58670	47	C15H24	204



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Date : 25-AUG-2005 11:31

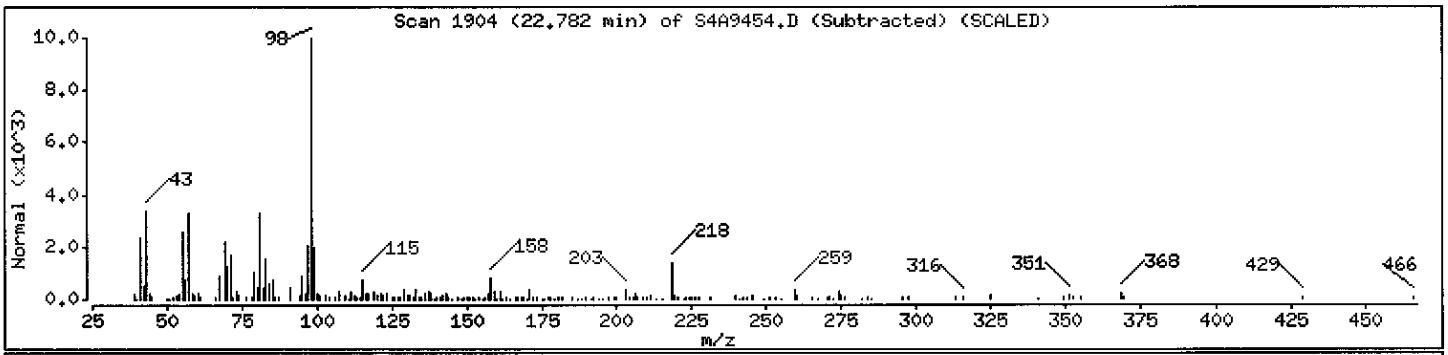
Client ID: SD08-S-0 Instrument: S4.i

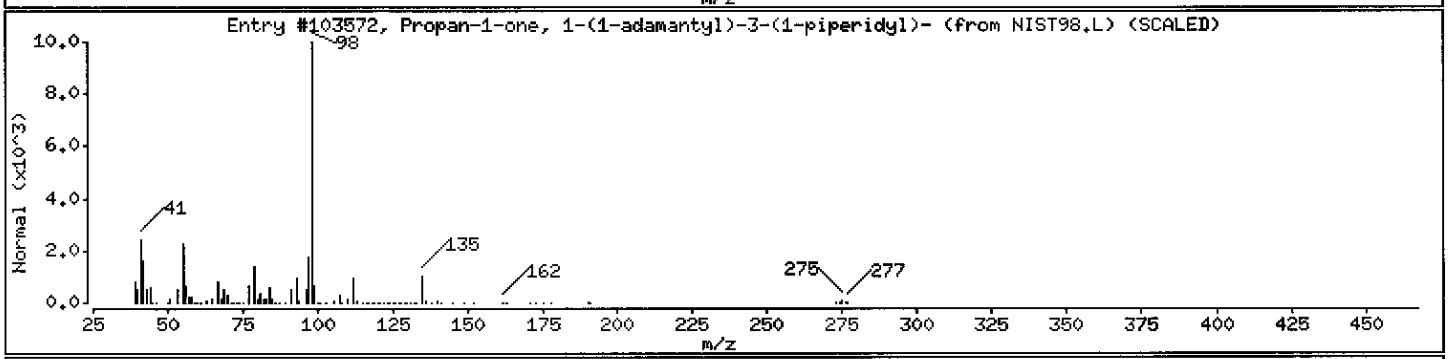
Sample Info: D0926-11A,,19468,,

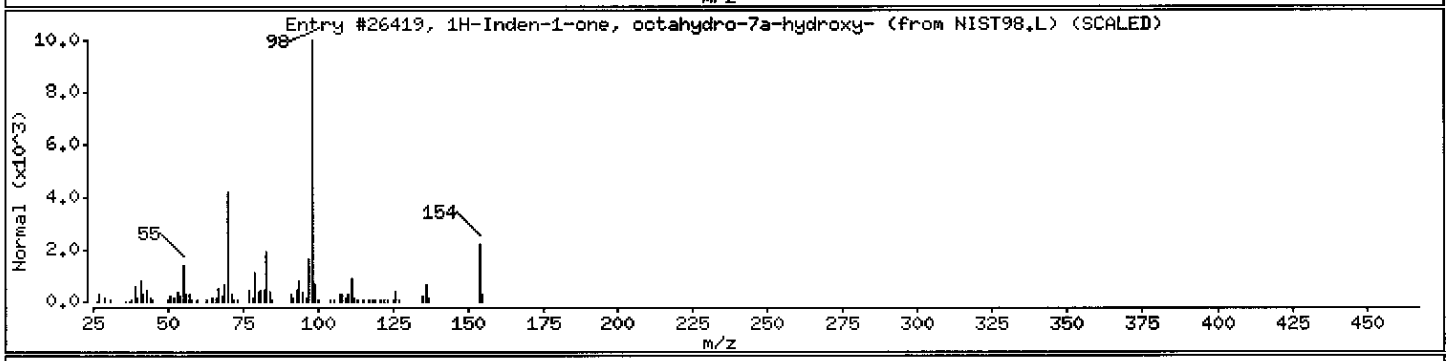
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

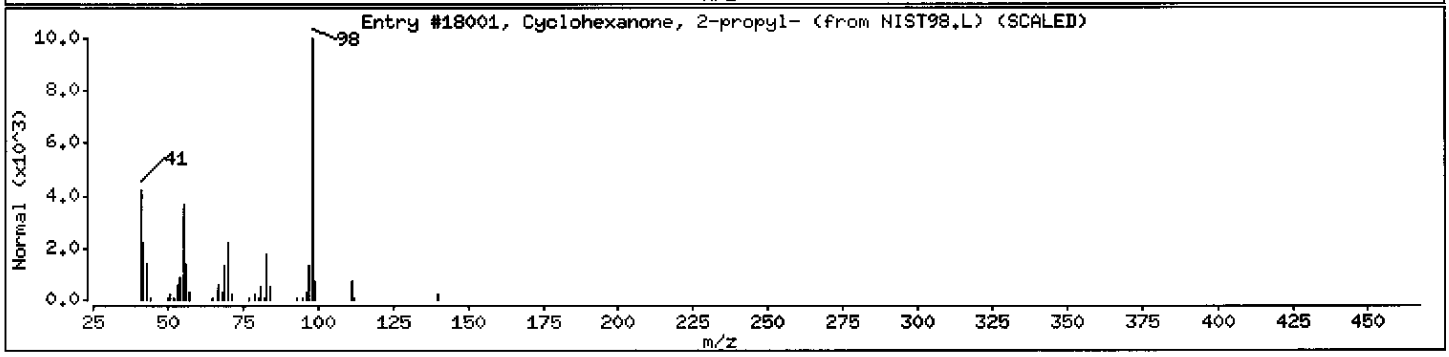
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Propan-1-one, 1-(1-adamantyl)-3-(1-piper	1000260-41-9	NIST98.L	103572	58	C18H29NO	275
1H-Inden-1-one, octahydro-7a-hydroxy-	10421-80-4	NIST98.L	26419	53	C9H1402	154
Cyclohexanone, 2-propyl-	94-65-5	NIST98.L	18001	50	C9H160	140









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Date : 25-AUG-2005 11:31

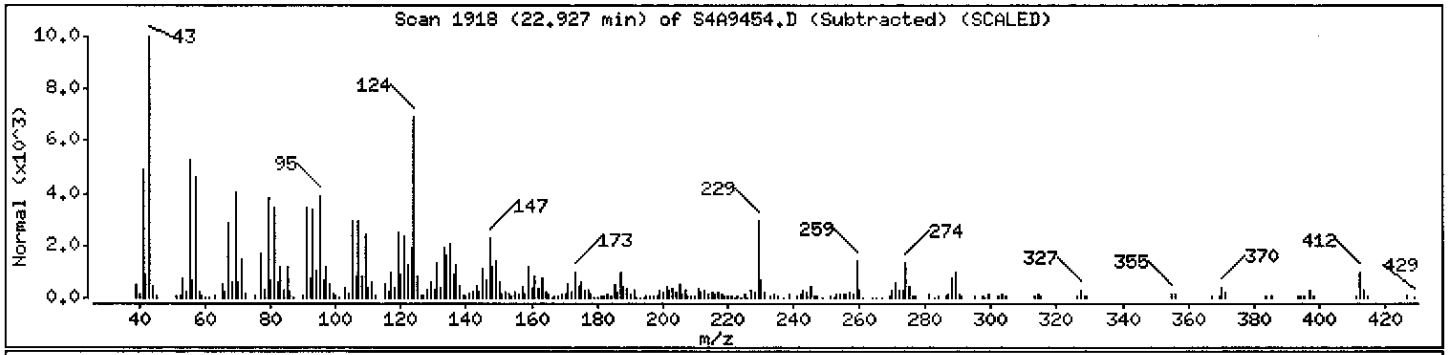
Client ID: SD08-S-0 Instrument: S4.i

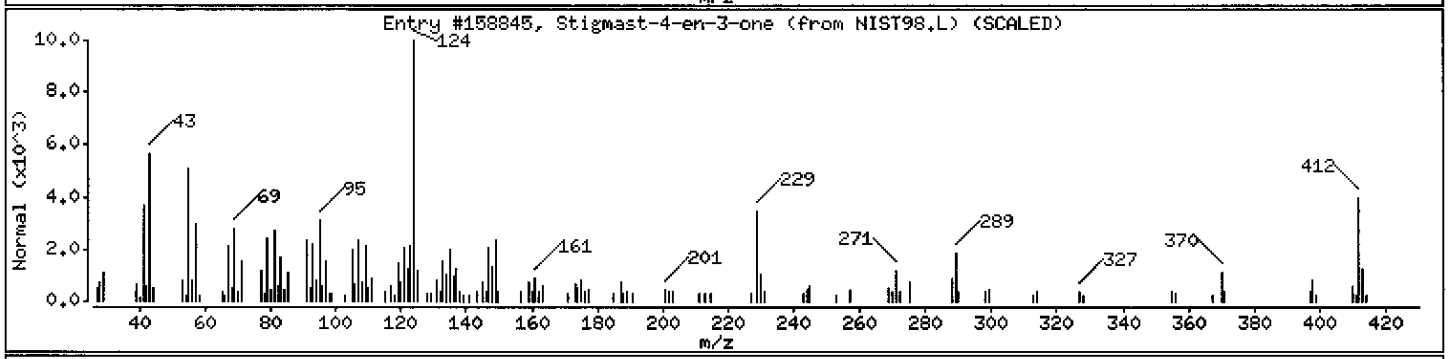
Sample Info: D0926-11A,,19468,,

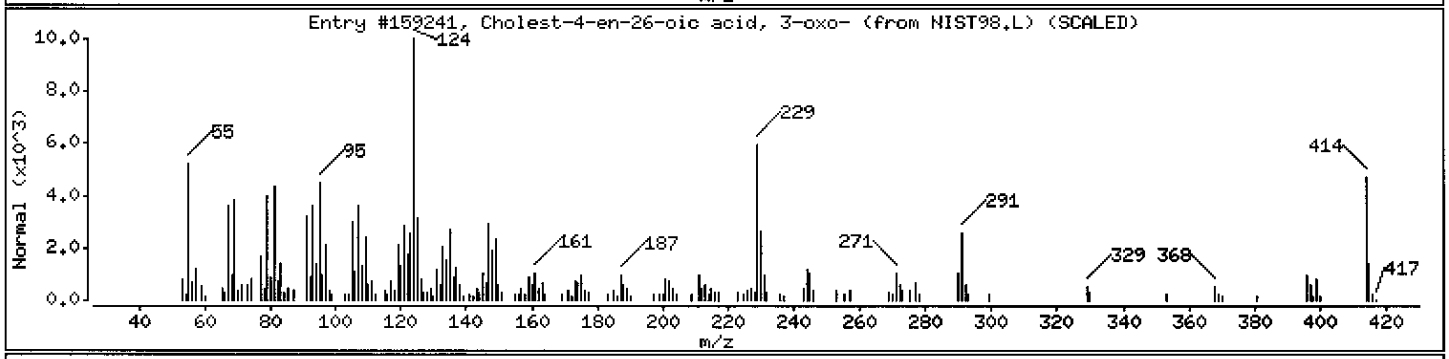
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Stigmast-4-en-3-one	1058-61-3	NIST98.L	158845	91	C29H480	412
Cholest-4-en-26-oic acid, 3-oxo-	23017-97-2	NIST98.L	159241	81	C27H4203	414







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Date : 25-AUG-2005 11:31

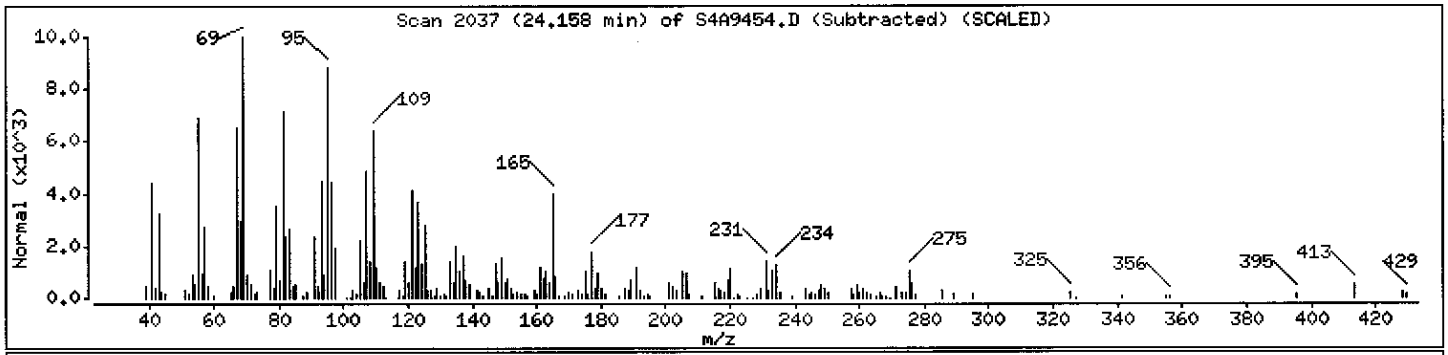
Client ID: SD08-S-0 Instrument: S4.i

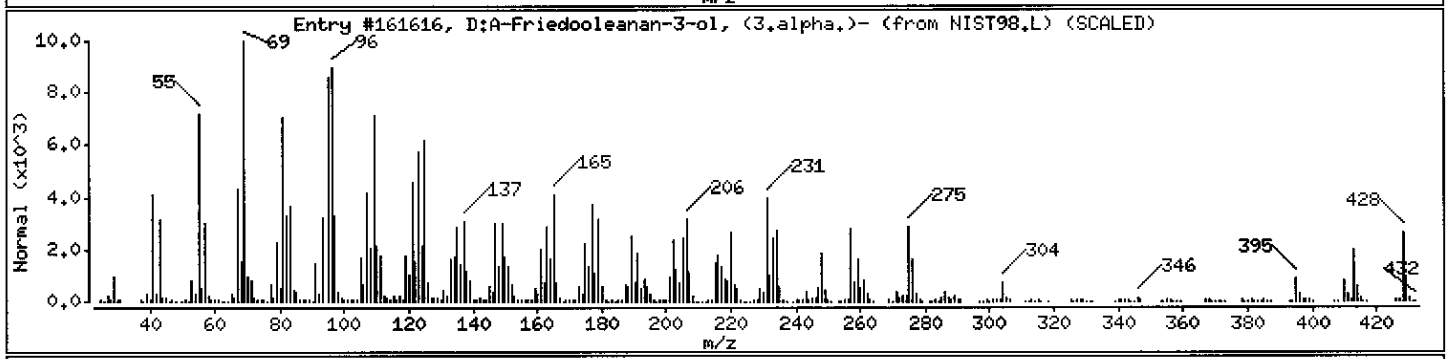
Sample Info: D0926-11A,,19468,,

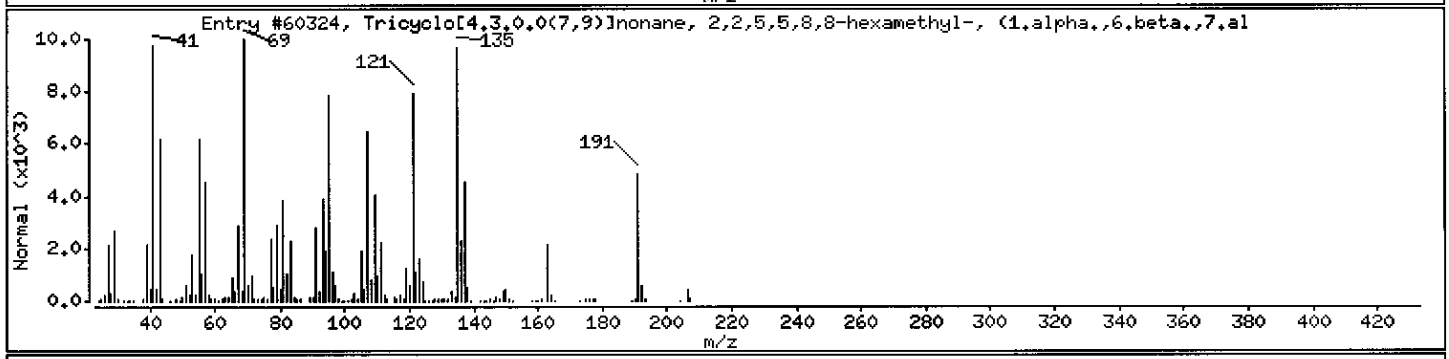
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

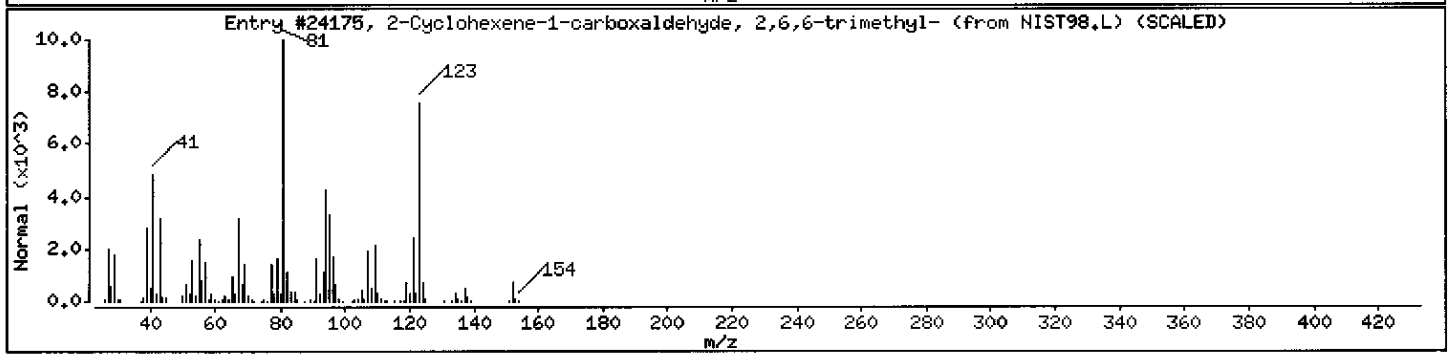
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
D:A-Friedooleanan-3-ol, (3.alpha.)-	5085-72-3	NIST98.L	161616	56	C30H520	428
Tricyclo[4.3.0.0(7,9)]nonane, 2,2,5,5,8,	54832-82-5	NIST98.L	60324	46	C15H26	206
2-Cyclohexene-1-carboxaldehyde, 2,6,6-tr	432-24-6	NIST98.L	24175	46	C10H160	152









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Date : 25-AUG-2005 11:31

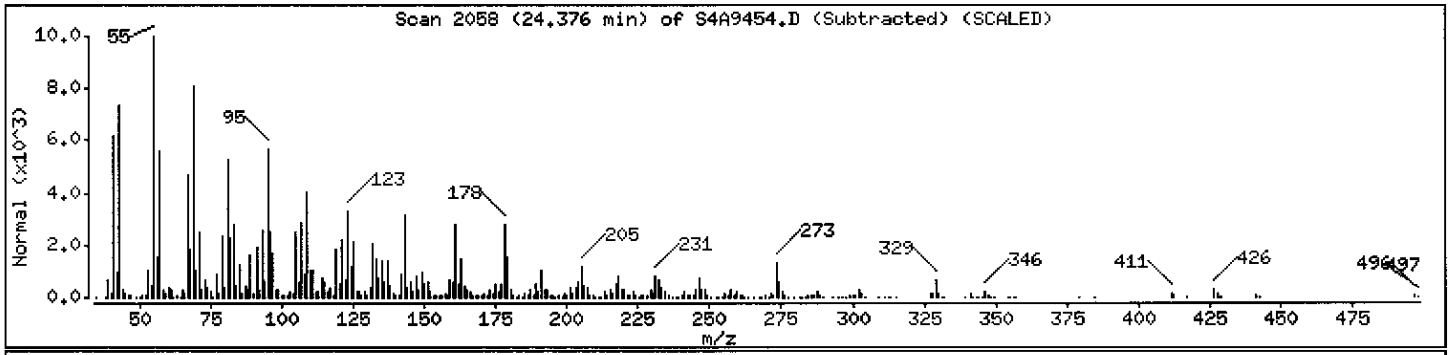
Client ID: SD08-S-0 Instrument: S4.i

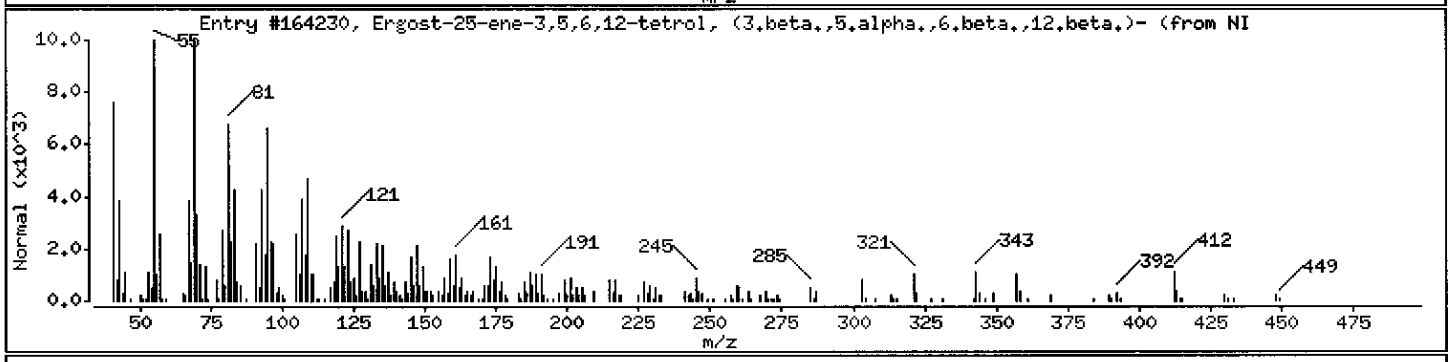
Sample Info: D0926-11A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Ergost-25-ene-3,5,6,12-tetrol, (3.beta.,5.alpha.,6.beta.,12.beta.)-	56052-97-2	NIST98.L	164230	46	C28H48O4	448





1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD09-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-10A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9430

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 40 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	550	U
108-95-2	Phenol	550	U
111-44-4	bis(2-Chloroethyl)Ether	550	U
95-57-8	2-Chlorophenol	550	U
95-48-7	2-Methylphenol	550	U
108-60-1	2,2'-oxybis(1-Chloropropane)	550	U
98-86-2	Acetophenone	550	U
106-44-5	4-Methylphenol	550	U
621-64-7	N-Nitroso-di-n-propylamine	550	U
67-72-1	Hexachloroethane	550	U
98-95-3	Nitrobenzene	550	U
78-59-1	Isophorone	550	U
88-75-5	2-Nitrophenol	550	U
105-67-9	2,4-Dimethylphenol	550	U
111-91-1	bis(2-Chloroethoxy)methane	550	U
120-83-2	2,4-Dichlorophenol	550	U
91-20-3	Naphthalene	550	U
106-47-8	4-Chloroaniline	550	U
87-68-3	Hexachlorobutadiene	550	U
105-60-2	Caprolactam	550	U
59-50-7	4-Chloro-3-Methylphenol	550	U
91-57-6	2-Methylnaphthalene	550	U
77-47-4	Hexachlorocyclopentadiene	550	U
88-06-2	2,4,6-Trichlorophenol	550	U
95-95-4	2,4,5-Trichlorophenol	1400	U
92-52-4	1,1'-Biphenyl	550	U
91-58-7	2-Chloronaphthalene	550	U
88-74-4	2-Nitroaniline	1400	U
131-11-3	Dimethylphthalate	550	U
606-20-2	2,6-Dinitrotoluene	550	U
208-96-8	Acenaphthylene	550	U
99-09-2	3-Nitroaniline	1400	U
83-32-9	Acenaphthene	550	U

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SD09-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-10A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9430

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 40 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1400	U
100-02-7	4-Nitrophenol	1400	U
132-64-9	Dibenzofuran	550	U
121-14-2	2,4-Dinitrotoluene	550	U
84-66-2	Diethylphthalate	550	U
86-73-7	Fluorene	550	U
7005-72-3	4-Chlorophenyl-phenylether	550	U
100-01-6	4-Nitroaniline	1400	U
534-52-1	4,6-Dinitro-2-methylphenol	1400	U
86-30-6	N-Nitrosodiphenylamine (1)	550	U
101-55-3	4-Bromophenyl-phenylether	550	U
118-74-1	Hexachlorobenzene	550	U
1912-24-9	Atrazine	550	U
87-86-5	Pentachlorophenol	1400	U
85-01-8	Phenanthrene	550	U
120-12-7	Anthracene	550	U
86-74-8	Carbazole	550	U
84-74-2	Di-n-butylphthalate	550	U
206-44-0	Fluoranthene	550	U
129-00-0	Pyrene	550	U
85-68-7	Butylbenzylphthalate	550	U
91-94-1	3,3'-Dichlorobenzidine	550	U
56-55-3	Benzo(a)anthracene	550	U
218-01-9	Chrysene	550	U
117-81-7	bis(2-Ethylhexyl)phthalate	71	JB
117-84-0	Di-n-octylphthalate	550	U
205-99-2	Benzo(b)fluoranthene	550	U
207-08-9	Benzo(k)fluoranthene	550	U
50-32-8	Benzo(a)pyrene	550	U
193-39-5	Indeno(1,2,3-cd)pyrene	550	U
53-70-3	Dibenzo(a,h)anthracene	550	U
191-24-2	Benzo(g,h,i)perylene	550	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD09-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-10A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9430

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 40 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

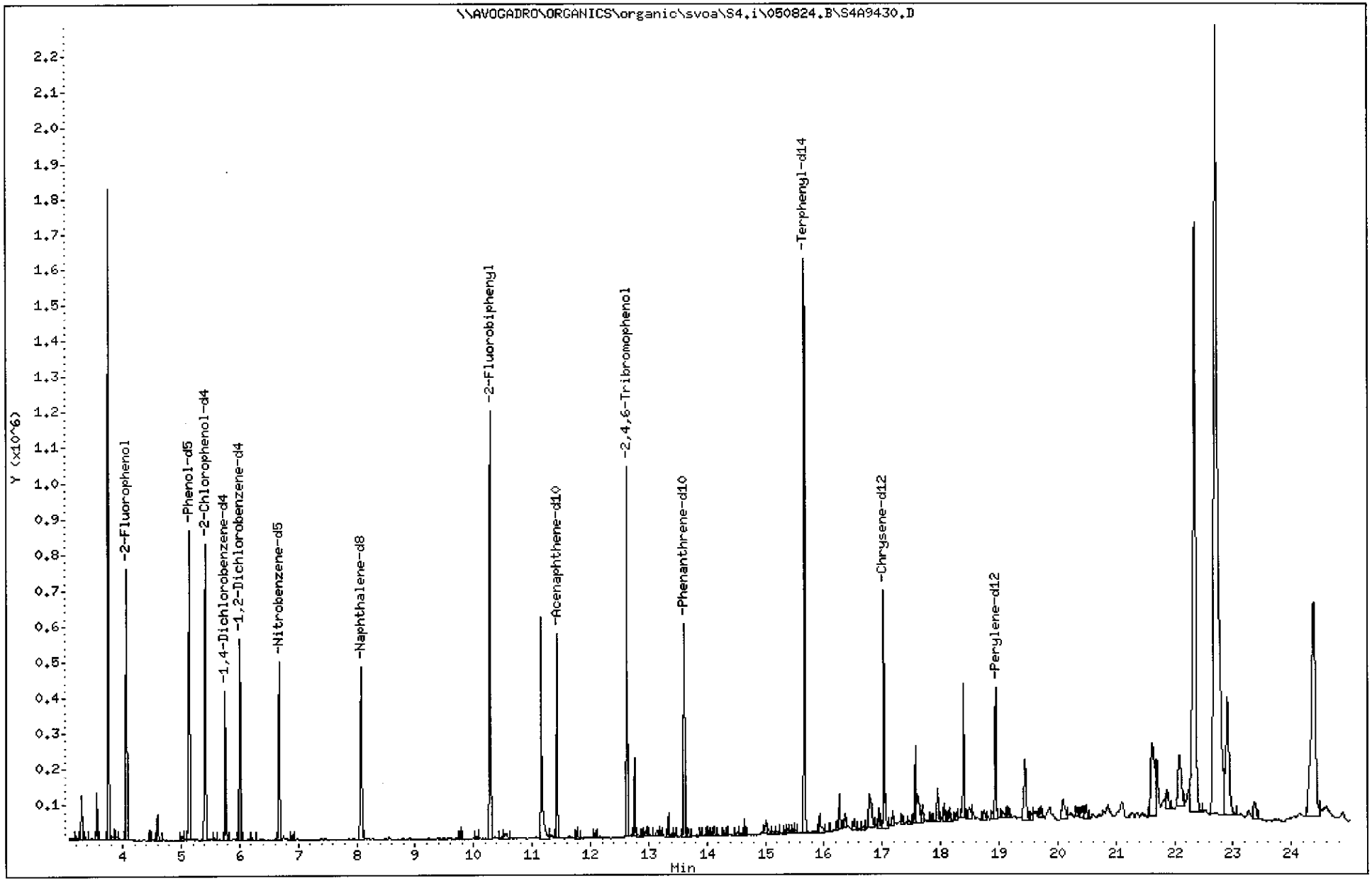
GPC Cleanup: (Y/N) Y pH: 6.1 Extraction: (Type) SONC

Number TICs found: 18

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	1000155-76-6	ANTHRACENE, 1,2,3,4,5,6,7,8-	13.34	120	NJ
2.		UNKNOWN	16.26	130	J
3.	74339-54-1	TRICHLOROACETIC ACID, HEXADE	17.61	310	NJ
4.		UNKNOWN	17.96	200	J
5.		UNKNOWN	18.06	140	J
6.		UNKNOWN	18.49	210	J
7.		UNKNOWN	18.73	140	J
8.		UNKNOWN	20.09	380	J
9.		UNKNOWN	20.41	150	J
10.	124-25-4	TETRADECANAL	20.48	180	NJ
11.	83-46-5	.BETA.-SITOSTEROL	21.62	1800	NJ
12.	1000194-64-2	4,4,6A,6B,8A,11,12,14B-OCTAM	21.88	280	NJ
13.		UNKNOWN	22.09	1100	J
14.	1617-70-5	LUP-20(29)-EN-3-ONE	22.36	9900	NJ
15.		UNKNOWN	22.71	18000	J
16.	1058-61-3	STIGMAST-4-EN-3-ONE	22.91	2400	NJ
17.		UNKNOWN	23.37	320	J
18.		UNKNOWN	24.39	5300	JB
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9430.D
Date : 24-AUG-2005 17:19
Client ID: SD09-S-0
Instrument: S4.i
Sample Info: D0926-10A,,19468,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9430.D
Report Date: 31-Aug-2005 11:16

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9430.D
Lab Smp Id: D0926-10A Client Smp ID: SD09-S-O
Inj Date : 24-AUG-2005 17:19
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-10A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	40.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	4.058	4.048	(0.705)	200233	98.9040	2700
$ 3	Phenol-d5	99	5.135	5.135	(0.892)	323263	111.747	3100
$ 6	2-Chlorophenol-d4	132	5.414	5.414	(0.941)	251513	103.068	2900
* 8	1,4-Dichlorobenzene-d4	152	5.755	5.755	(1.000)	72798	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	6.004	6.004	(1.043)	99329	58.8116	1600
$ 16	Nitrobenzene-d5	82	6.677	6.677	(0.827)	231570	65.1382	1800
* 23	Naphthalene-d8	136	8.074	8.074	(1.000)	309754	40.0000	
$ 33	2-Fluorobiphenyl	172	10.289	10.289	(0.900)	476171	81.9006	2300
* 41	Acenaphthene-d10	164	11.438	11.438	(1.000)	169220	40.0000	
$ 53	2,4,6-Tribromophenol	330	12.628	12.628	(0.928)	104908	142.051	3900
* 58	Phenanthrene-d10	188	13.611	13.611	(1.000)	281043	40.0000	
$ 65	Terphenyl-d14	244	15.681	15.671	(0.921)	587522	100.873	2800
* 69	Chrysene-d12	240	17.027	17.027	(1.000)	231745	40.0000	

Data File: S4A9430.D
Report Date: 31-Aug-2005 11:16

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
71 bis(2-Ethylhexyl)phthalate	149	16.955	16.954	(0.996)	15360	2.57125	71(a)
* 76 Perylene-d12	264	18.942	18.942	(1.000)	181360	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

08/31/05
AL

Data File: S4A9430.D
Report Date: 31-Aug-2005 11:16

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9430.D
Lab Smp Id: D0926-10A Client Smp ID: SD09-S-O
Inj Date : 24-AUG-2005 17:19
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-10A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	40.000	% Moisture

ISTD	RT	AREA	AMOUNT
* 41 Acenaphthene-d10	11.438	798205	40.000
* 58 Phenanthrene-d10	13.611	849116	40.000
* 69 Chrysene-d12	17.027	896537	40.000
* 76 Perylene-d12	18.942	615701	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9430.D
Report Date: 31-Aug-2005 11:16

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Cyclic Alkane				CAS #:			
11.158	954806	47.8476582	1300	0		0	41
Cyclic Alkane				CAS #:			
12.763	229226	10.7983362	300	0		0	58
Anthracene, 1,2,3,4,5,6,7,8-octahydro-2-				CAS #:	1000155-76-6		
13.342	88150	4.15255395	120	95	NIST98.L	56326	58
Straight-Chain Alkane				CAS #:			
15.940	120593	5.38039144	150	0		0	69
Unknown				CAS #:			
16.261	105899	4.72480221	130	0		0	69
Branched Alkane				CAS #:			
16.779	320031	14.2785407	400	0		0	69
Straight-Chain Alkane				CAS #:			
17.565	270502	12.0687490	340	0		0	69
Trichloroacetic acid, hexadecyl ester				CAS #:	74339-54-1		
17.607	253903	11.3281660	310	93	NIST98.L	152927	69
Unknown				CAS #:			
17.958	162454	7.24806673	200	0		0	69
Unknown				CAS #:			
18.062	76469	4.96793086	140	0		0	76
Straight-Chain Alkane				CAS #:			
18.404	611516	39.7281148	1100	0		0	76
Unknown				CAS #:			
18.486	113772	7.39137991	210	0		0	76
Unknown				CAS #:			
18.735	79183	5.14425021	140	0		0	76
Straight-Chain Alkane				CAS #:			
19.449	403631	26.2225333	730	0		0	76
Unknown				CAS #:			
20.091	209619	13.6182335	380	0		0	76

Data File: S4A9430.D
Report Date: 31-Aug-2005 11:16

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
20.411	81867	5.31862056	150	0		0	76
Tetradecanal				CAS #:	124-25-4		
20.484	100947	6.55818327	180	87	NIST98.L	64480	76
.beta.-Sitosterol				CAS #:	83-46-5		
21.622	1000627	65.0073331	1800	90	NIST98.L	159282	76
4,4,6a,6b,8a,11,12,14b-Octamethyl-1,4,4a				CAS #:	1000194-64-2		
21.881	152618	9.91507241	280	87	NIST98.L	160978	76
Unknown				CAS #:			
22.088	606413	39.3965902	1100	0		0	76
Lup-20(29)-en-3-one				CAS #:	1617-70-5		
22.357	5465487	355.074103	9900	97	NIST98.L	160959	76
Unknown				CAS #:			
22.709	10137663	658.609487	18000	0		0	76
Stigmast-4-en-3-one				CAS #:	1058-61-3		
22.906	1311380	85.1958987	2400	96	NIST98.L	158845	76
Unknown				CAS #:			
23.372	175468	11.3995592	320	0		0	76
Unknown				CAS #:			
24.386	2917127	189.515820	5300	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9430.D

Date : 24-AUG-2005 17:19

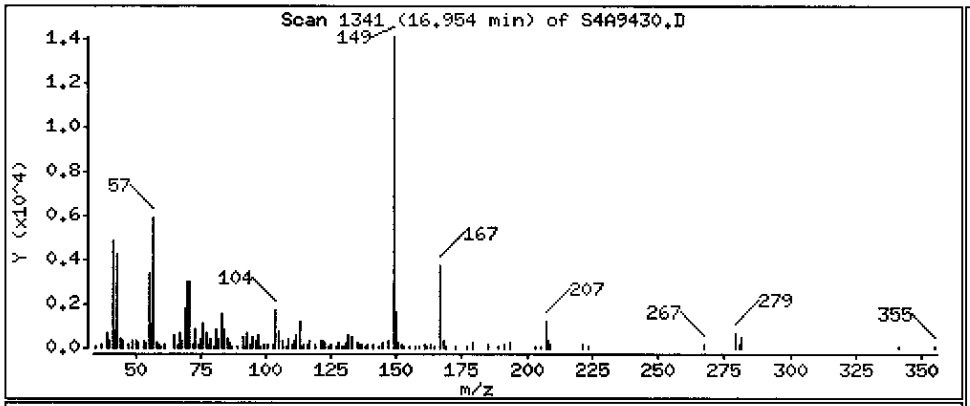
Client ID: SD09-S-0 **Instrument:** S4.i

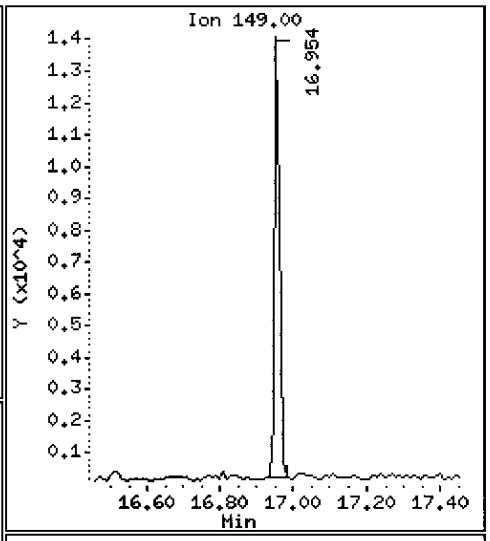
Sample Info: D0926-10A,,19468,,

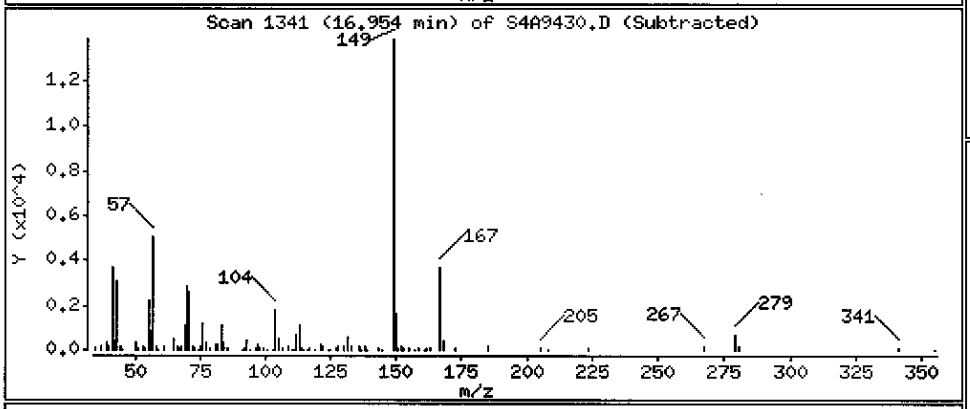
Volume Injected (uL): 2.0 **Operator:** AW **SRC:** LIMS

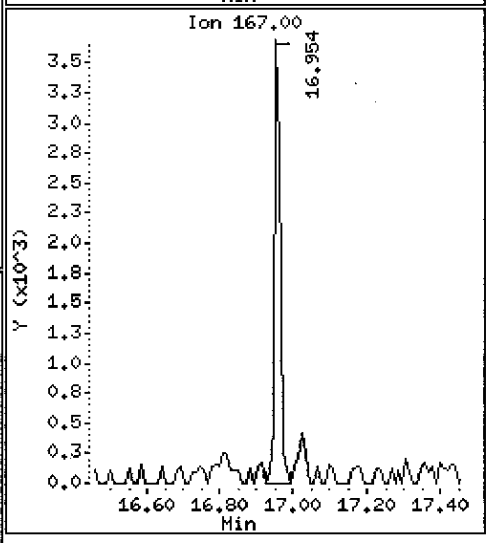
Column phase: DB-5MS **Column diameter:** 0.25

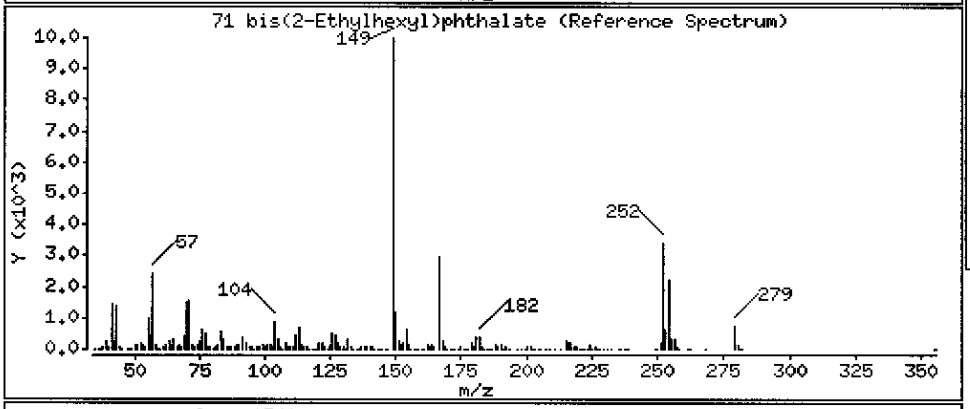
71 bis(2-Ethylhexyl)phthalate **Concentration:** 71 ug/Kg

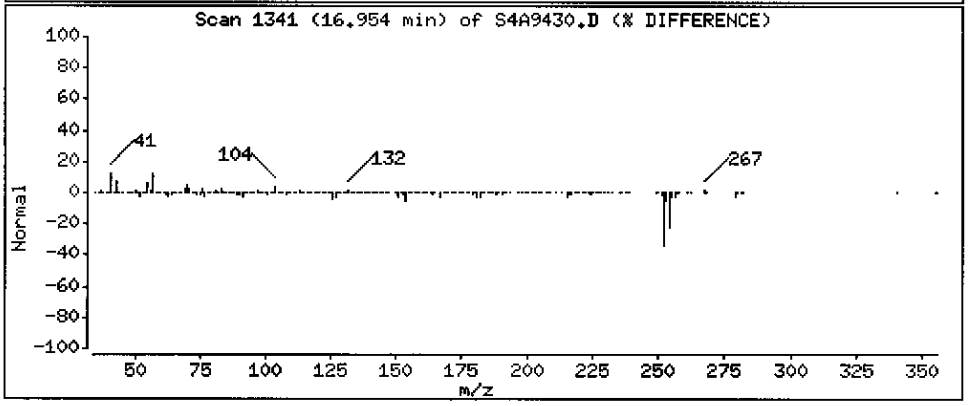












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Date : 24-AUG-2005 17:19

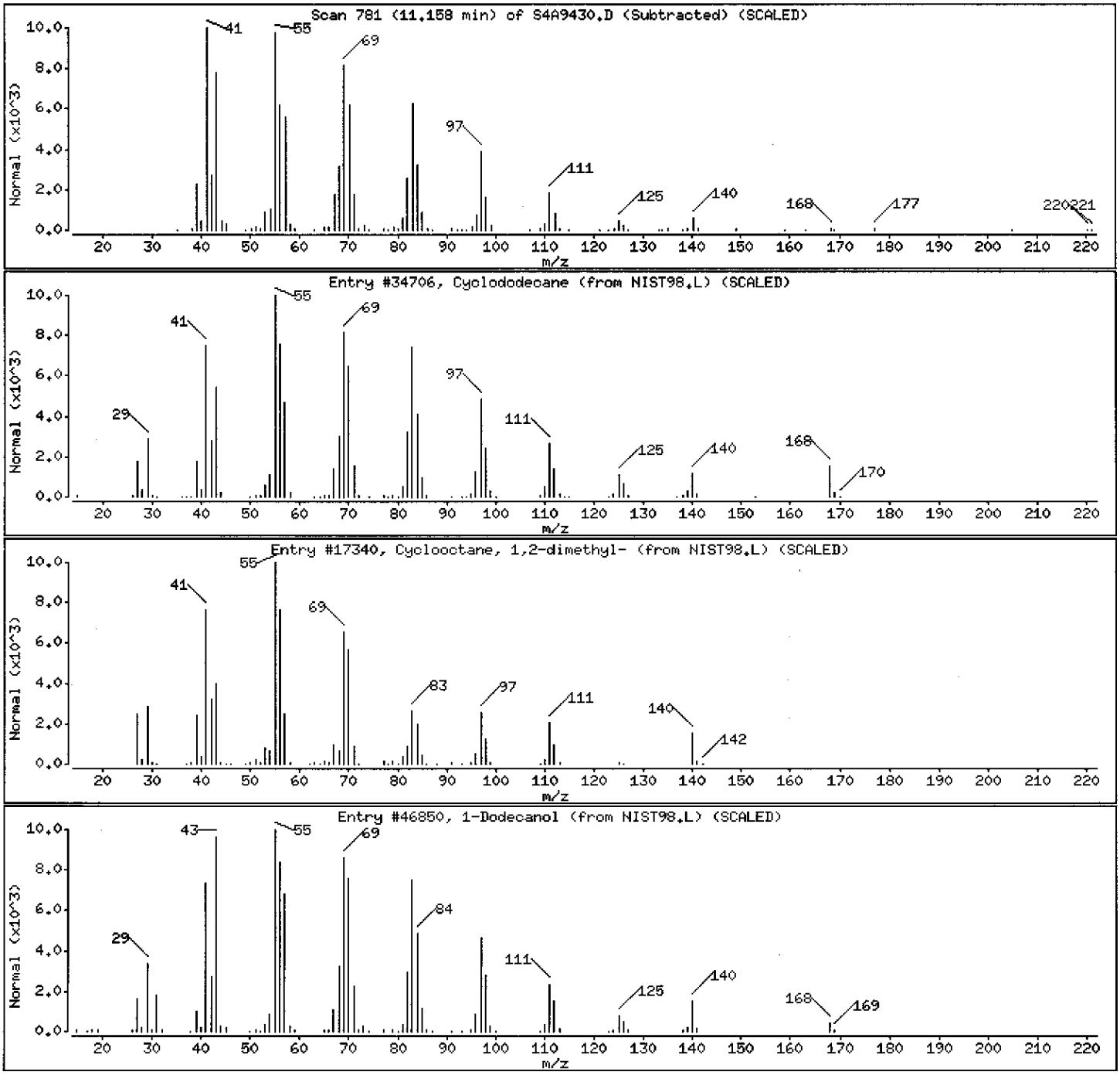
Client ID: SD09-S-0 Instrument: S4.i

Sample Info: D0926-10A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34706	96	C12H24	168
Cyclooctane, 1,2-dimethyl-	13151-94-5	NIST98.L	17340	93	C10H20	140
1-Dodecanol	112-53-8	NIST98.L	46850	91	C12H26O	186



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Date : 24-AUG-2005 17:19

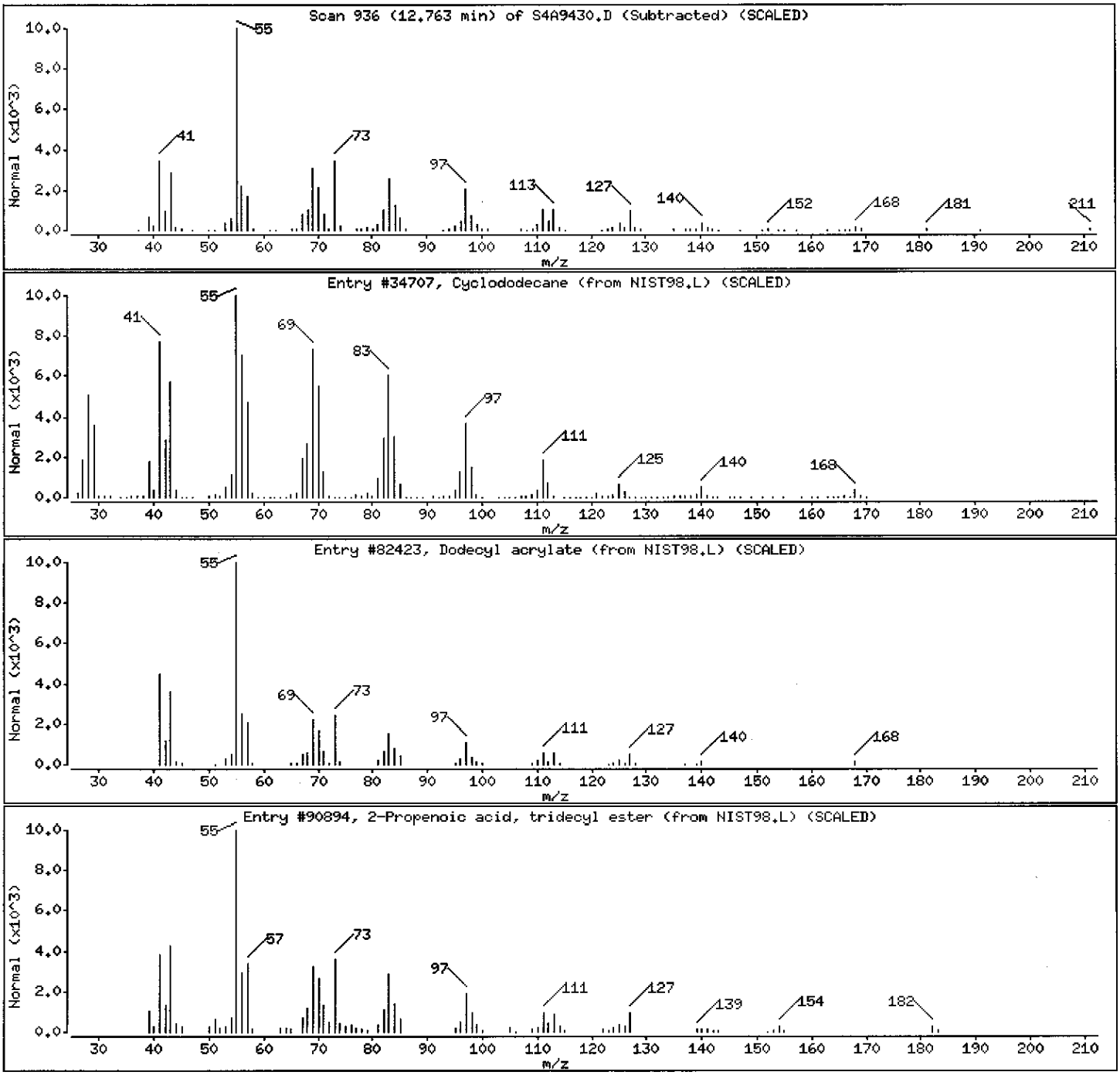
Client ID: SD09-S-0 Instrument: S4.i

Sample Info: D0926-10A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34707	91	C12H24	168
Dodecyl acrylate	2156-97-0	NIST98.L	82423	91	C15H2802	240
2-Propenoic acid, tridecyl ester	3076-04-8	NIST98.L	90894	90	C16H3002	254



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Date : 24-AUG-2005 17:19

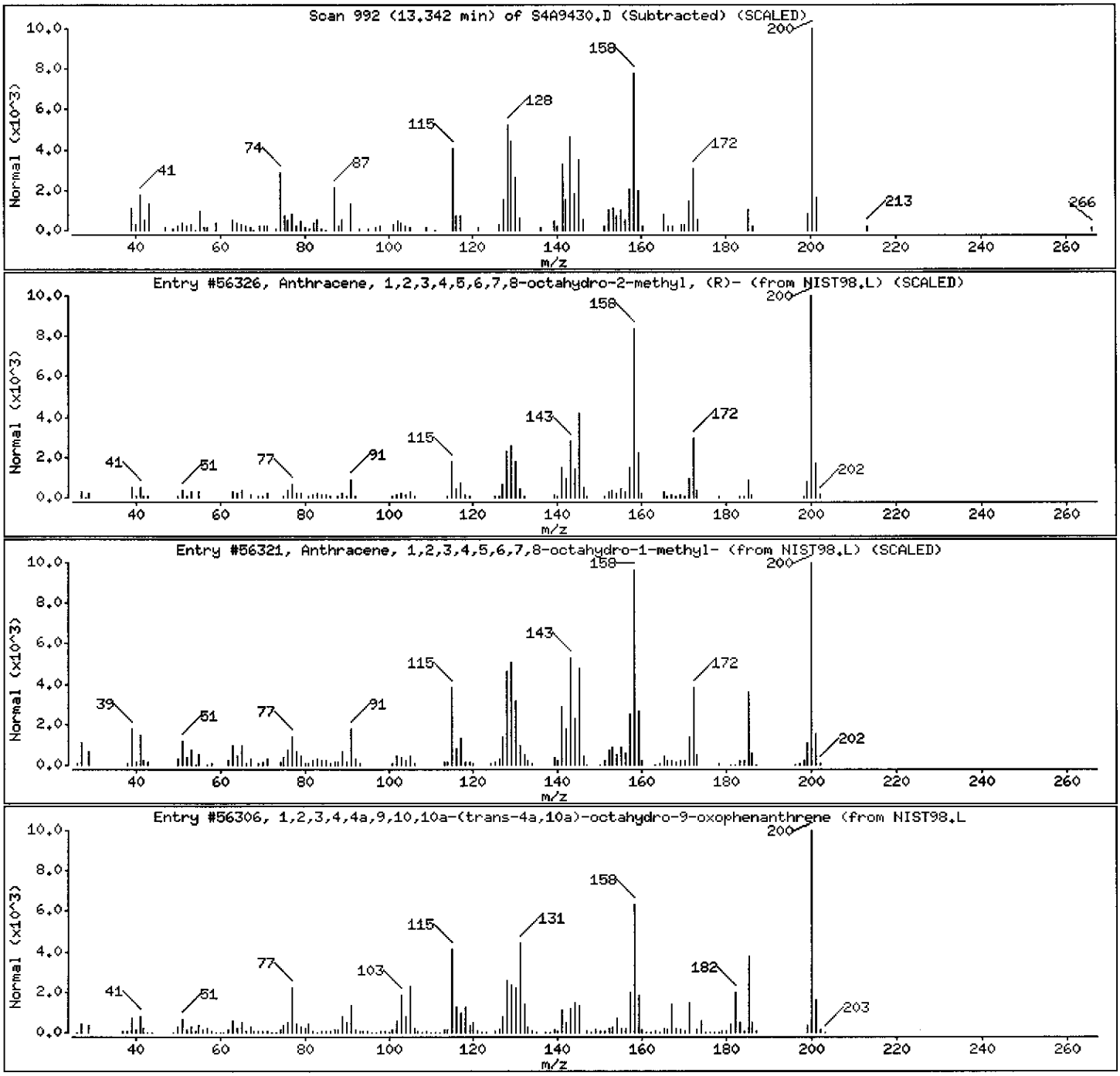
Client ID: SD09-S-0 Instrument: S4.i

Sample Info: D0926-10A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Anthracene, 1,2,3,4,5,6,7,8-octahydro-2-	1000155-76-6	NIST98.L	56326	95	C15H20	200
Anthracene, 1,2,3,4,5,6,7,8-octahydro-1-	1000159-30-4	NIST98.L	56321	94	C15H20	200
1,2,3,4,4a,9,10,10a-(trans-4a,10a)-octah	21656-46-2	NIST98.L	56306	83	C14H160	200



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Date : 24-AUG-2005 17:19

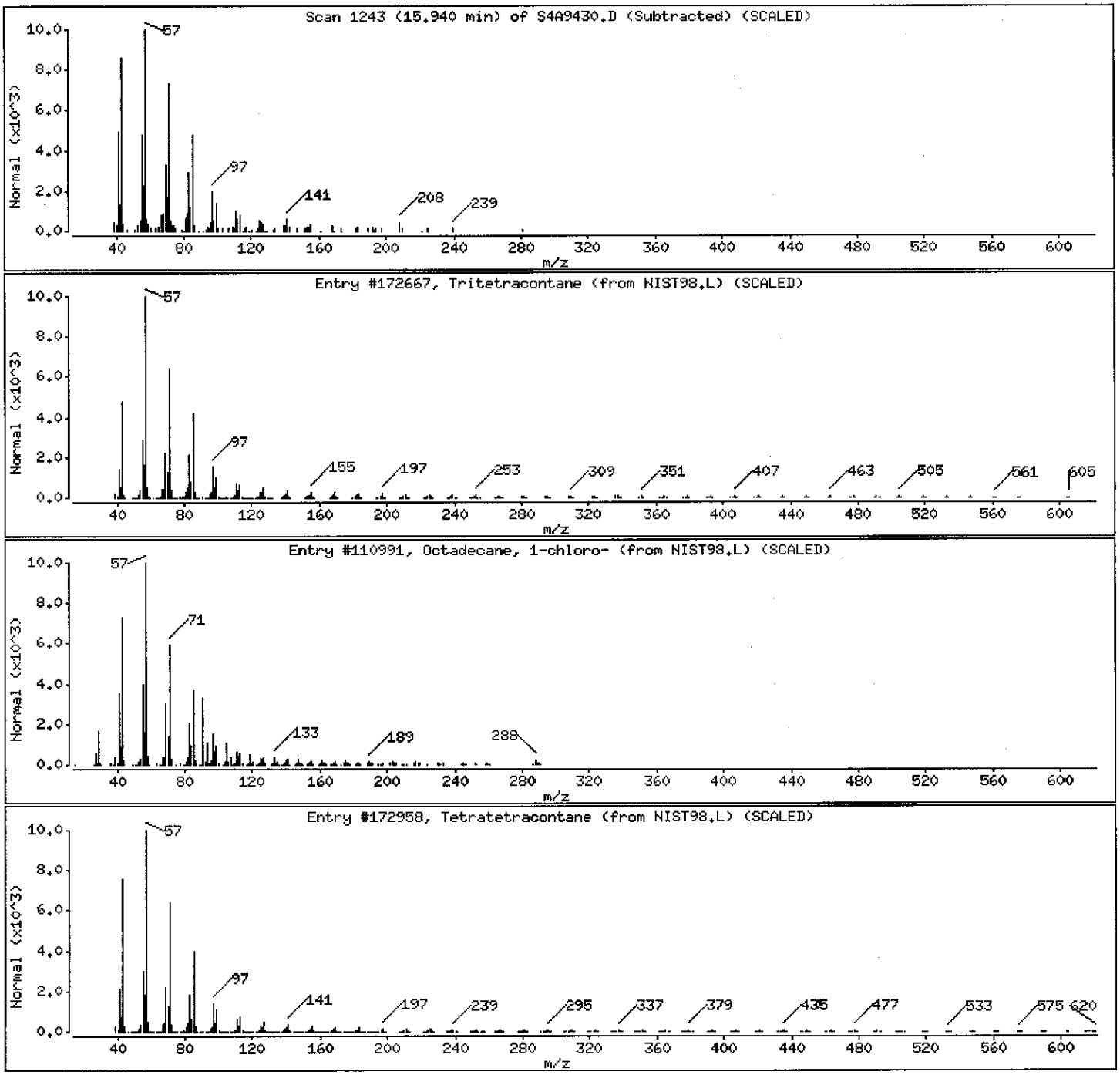
Client ID: SD09-S-0 Instrument: S4.i

Sample Info: D0926-10A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Tritetracontane	7098-21-7	NIST98.L	172667	91	C43H88	605
Octadecane, 1-chloro-	3386-33-2	NIST98.L	110991	91	C18H37Cl	288
Tetratetracontane	7098-22-8	NIST98.L	172958	87	C44H90	619



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Date : 24-AUG-2005 17:19

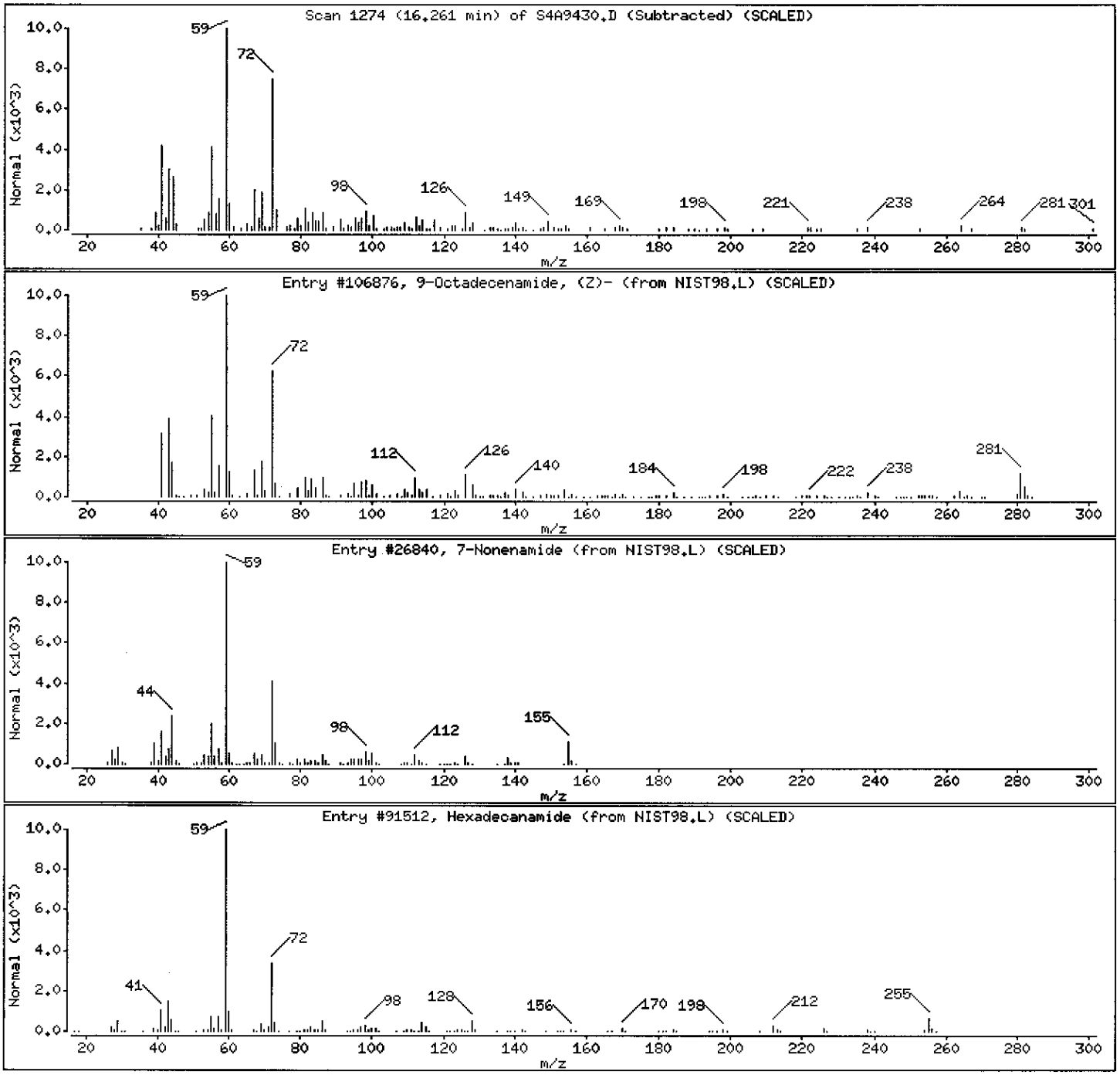
Client ID: SD09-S-0 Instrument: S4.i

Sample Info: D0926-10A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
9-Octadecenamide, (Z)-	301-02-0	NIST98.L	106876	55	C18H35NO	281
7-Nonenamide	90949-53-4	NIST98.L	26840	50	C9H17NO	155
Hexadecanamide	629-54-9	NIST98.L	91512	50	C16H33NO	255



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Date : 24-AUG-2005 17:19

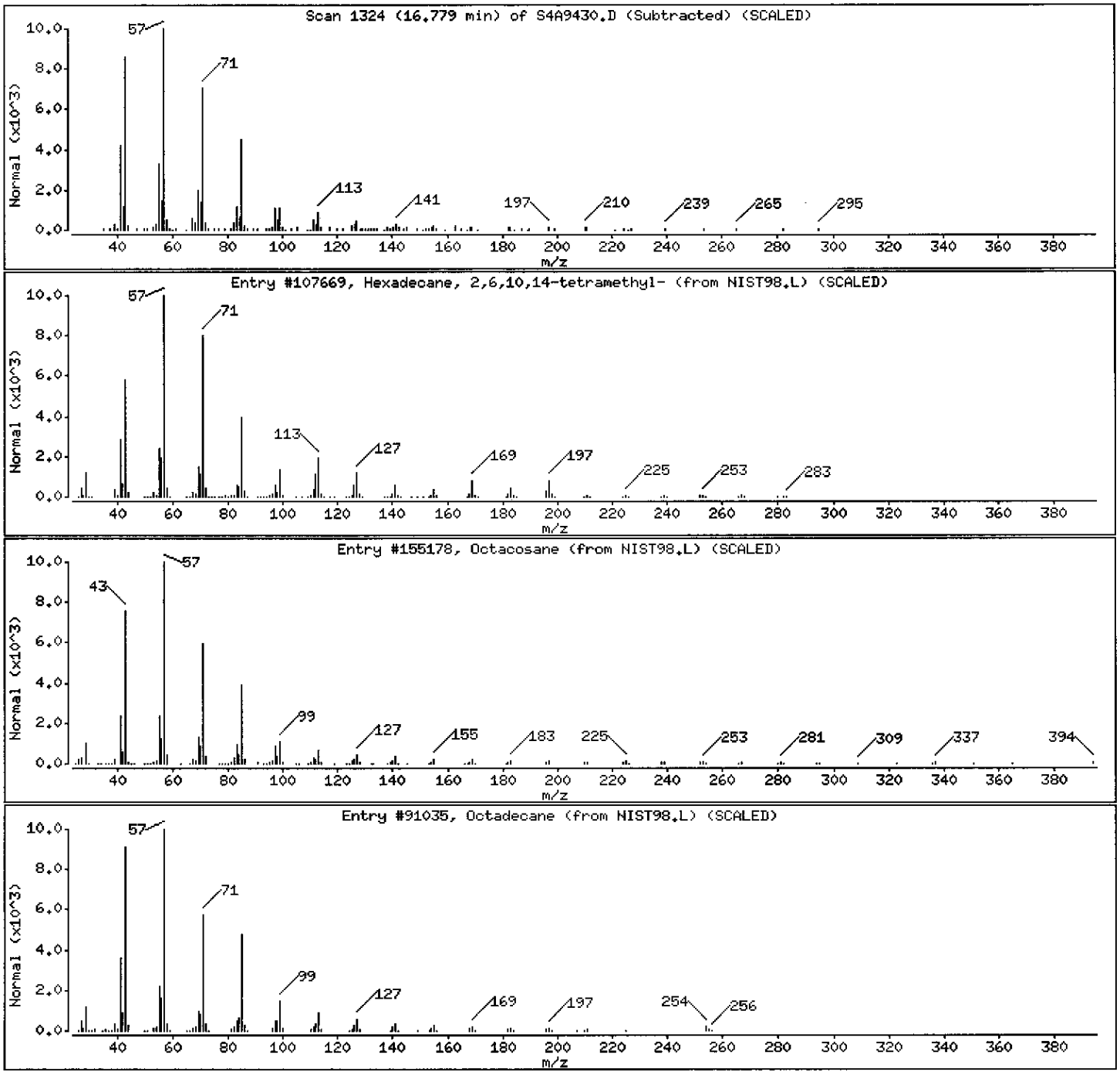
Client ID: SD09-S-0 Instrument: S4.i

Sample Info: D0926-10A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST98.L	107669	90	C20H42	282
Octacosane	630-02-4	NIST98.L	155178	90	C28H58	394
Octadecane	593-45-3	NIST98.L	91035	87	C18H38	254



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9430.D

Date : 24-AUG-2005 17:19

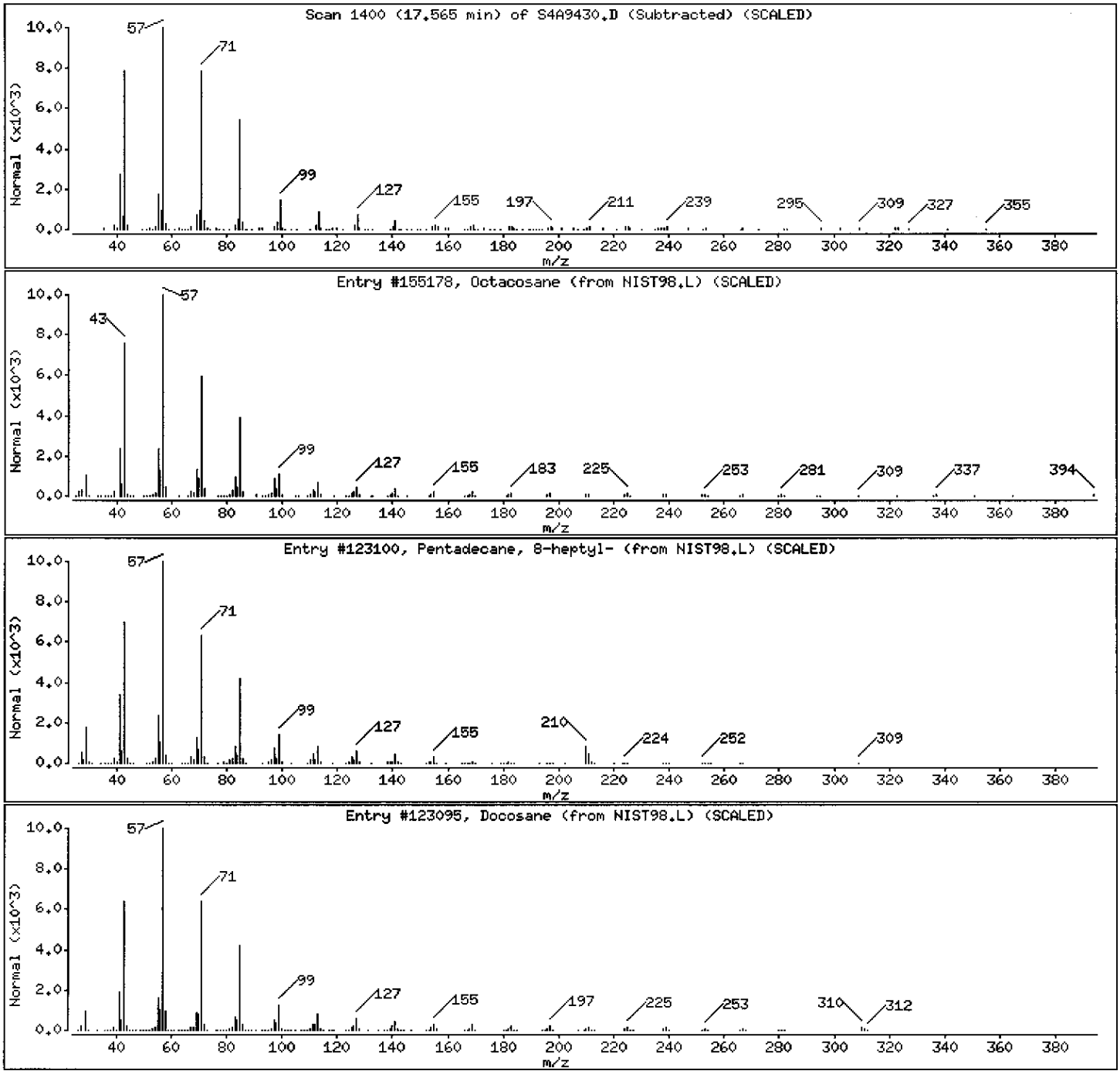
Client ID: SD09-S-0 Instrument: S4.i

Sample Info: D0926-10A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Octacosane	630-02-4	NIST98.L	155178	91	C28H58	394
Pentadecane, 8-heptyl-	71005-15-7	NIST98.L	123100	90	C22H46	310
Docosane	629-97-0	NIST98.L	123095	90	C22H46	310



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Date : 24-AUG-2005 17:19

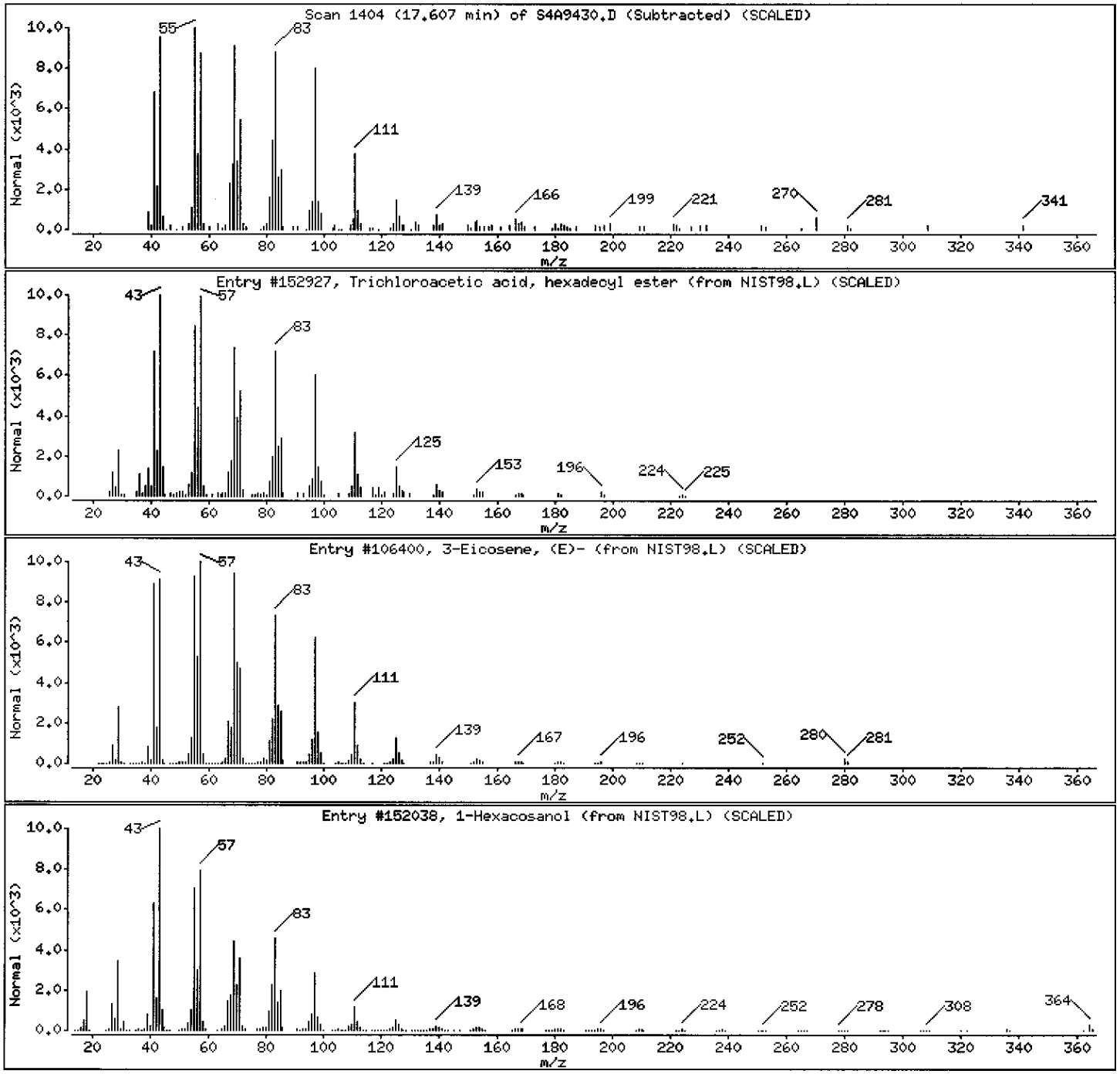
Client ID: SD09-S-0 Instrument: S4.i

Sample Info: D0926-10A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloroacetic acid, hexadecyl ester	74339-54-1	NIST98.L	152927	93	C18H33Cl3O2	386
3-Eicosene, (E)-	74685-33-9	NIST98.L	106400	91	C20H40	280
1-Hexacosanol	506-52-5	NIST98.L	152038	87	C26H54O	382



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Date : 24-AUG-2005 17:19

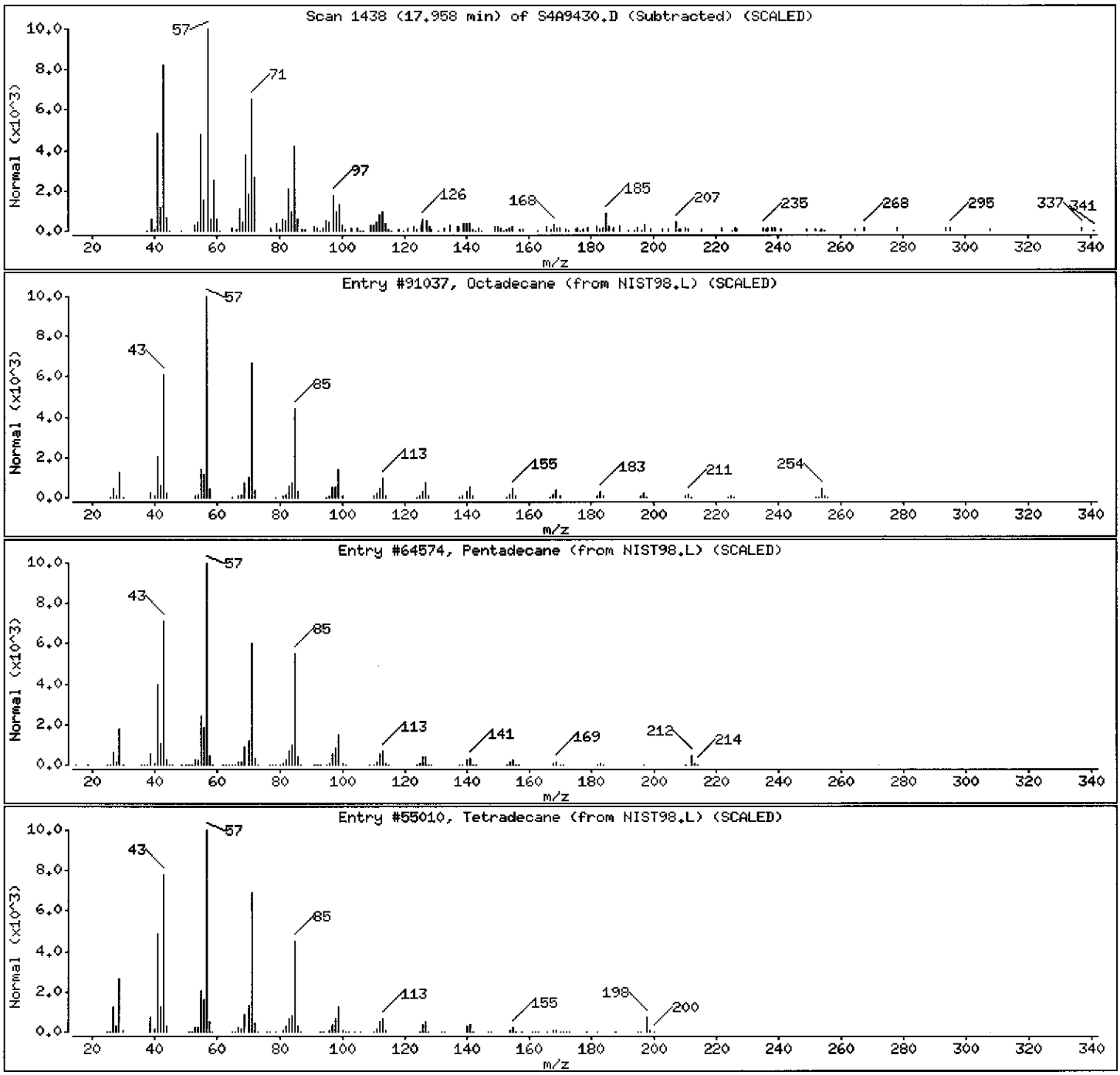
Client ID: SD09-S-0 Instrument: S4.i

Sample Info: D0926-10A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Octadecane	593-45-3	NIST98.L	91037	70	C18H38	254
Pentadecane	629-62-9	NIST98.L	64574	62	C15H32	212
Tetradecane	629-59-4	NIST98.L	55010	62	C14H30	198



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9430.D

Date : 24-AUG-2005 17:19

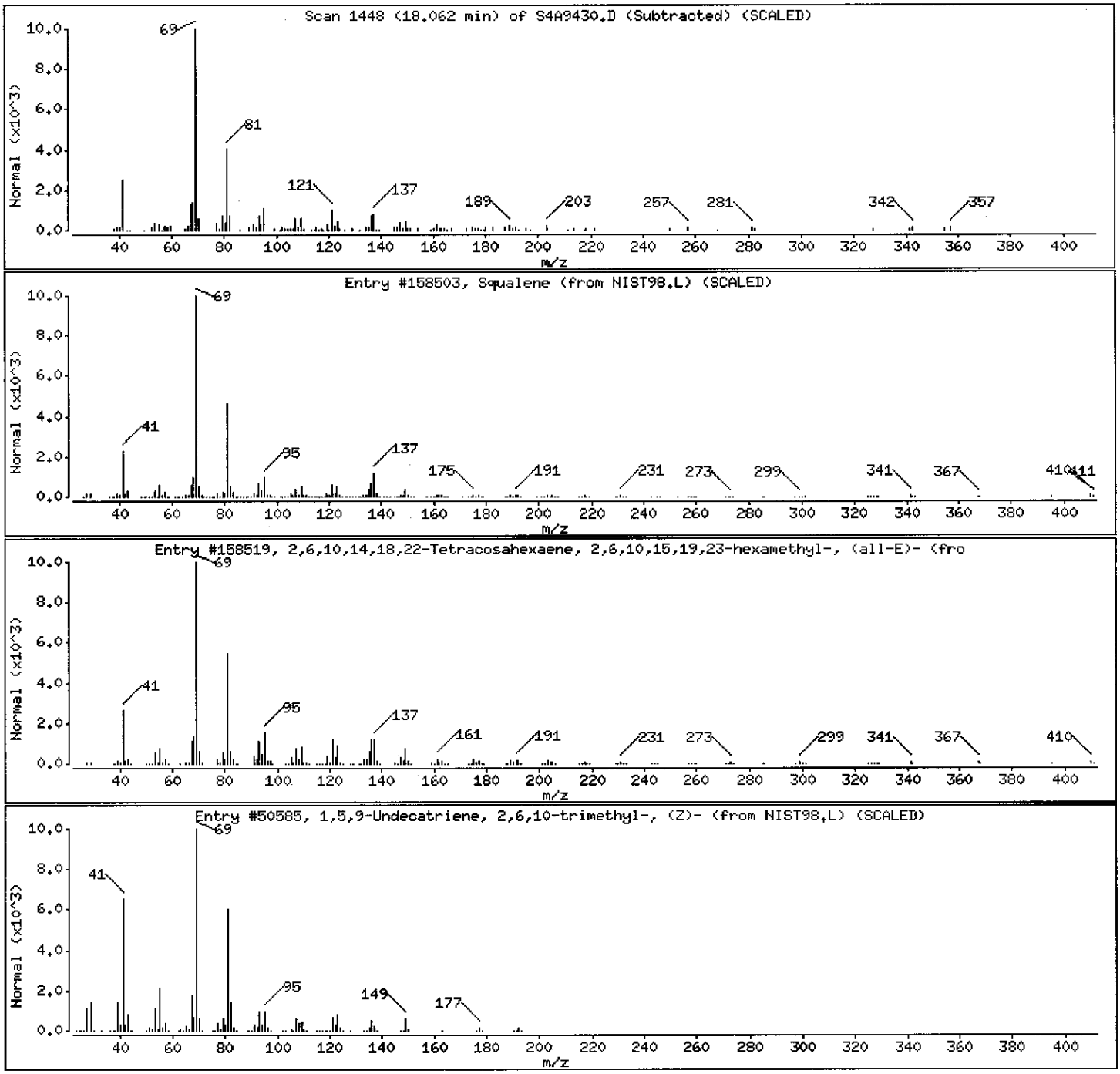
Client ID: SD09-S-0 Instrument: S4.i

Sample Info: D0926-10A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Squalene	7683-64-9	NIST98.L	158503	80	C30H50	410
2,6,10,14,18,22-Tetracosahexaene, 2,6,10	111-02-4	NIST98.L	158519	78	C30H50	410
1,5,9-Undecatriene, 2,6,10-trimethyl-, (	62951-96-6	NIST98.L	50585	72	C14H24	192



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9430.D

Date : 24-AUG-2005 17:19

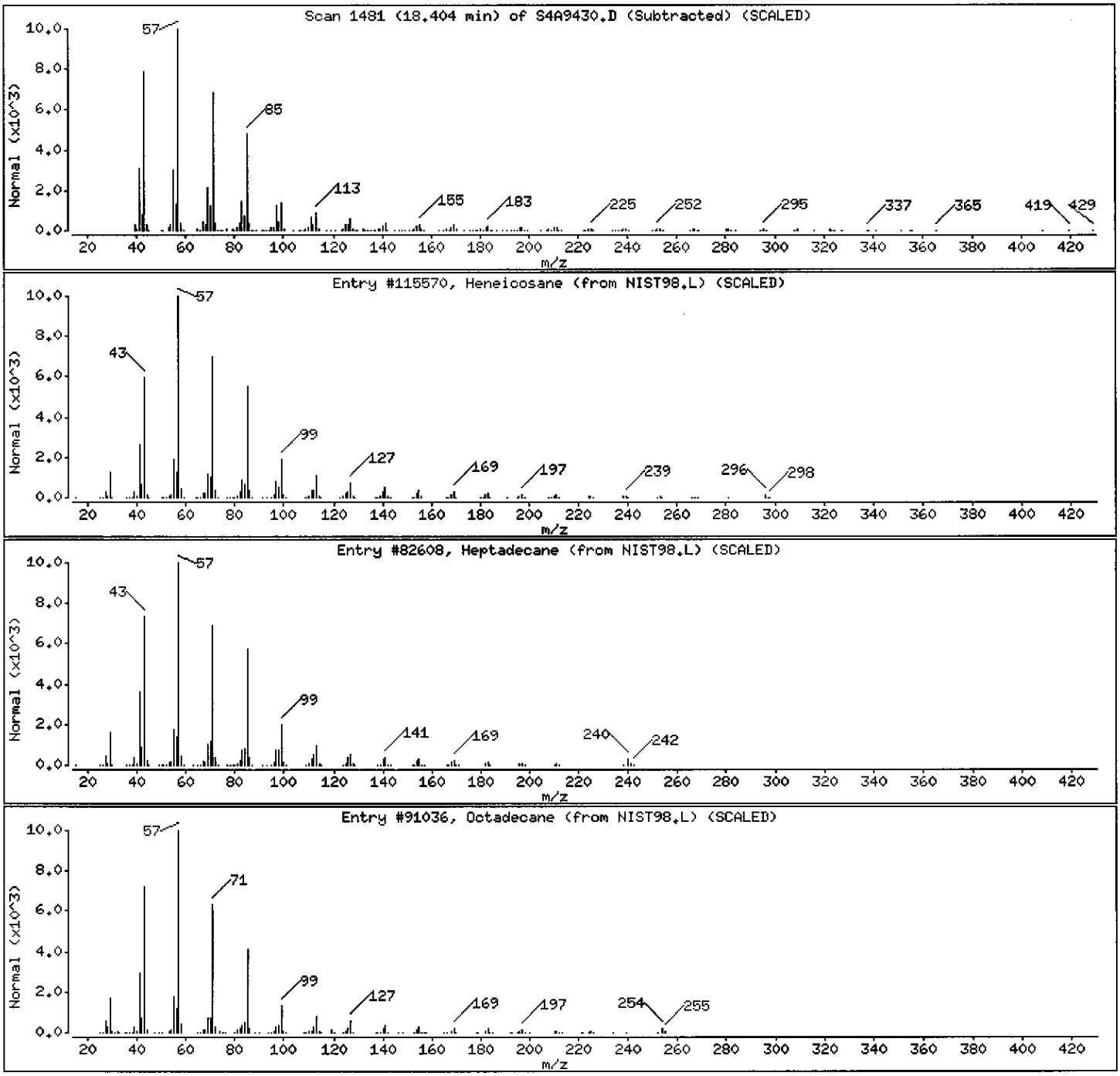
Client ID: SD09-S-O Instrument: S4.i

Sample Info: D0926-10A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Heneicosane	629-94-7	NIST98.L	115570	97	C21H44	296
Heptadecane	629-78-7	NIST98.L	82608	95	C17H36	240
Octadecane	593-45-3	NIST98.L	91036	95	C18H38	254



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9430.D

Date : 24-AUG-2005 17:19

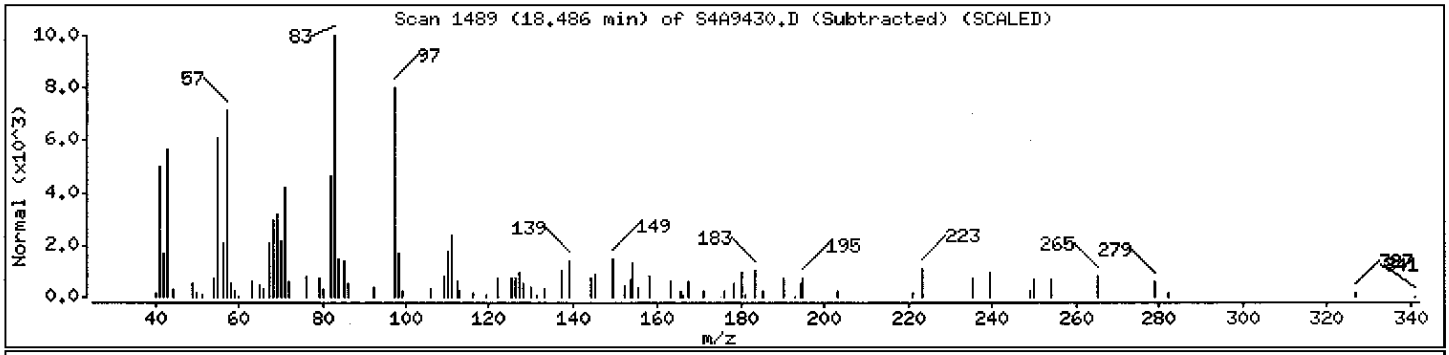
Client ID: SD09-S-0 Instrument: S4.i

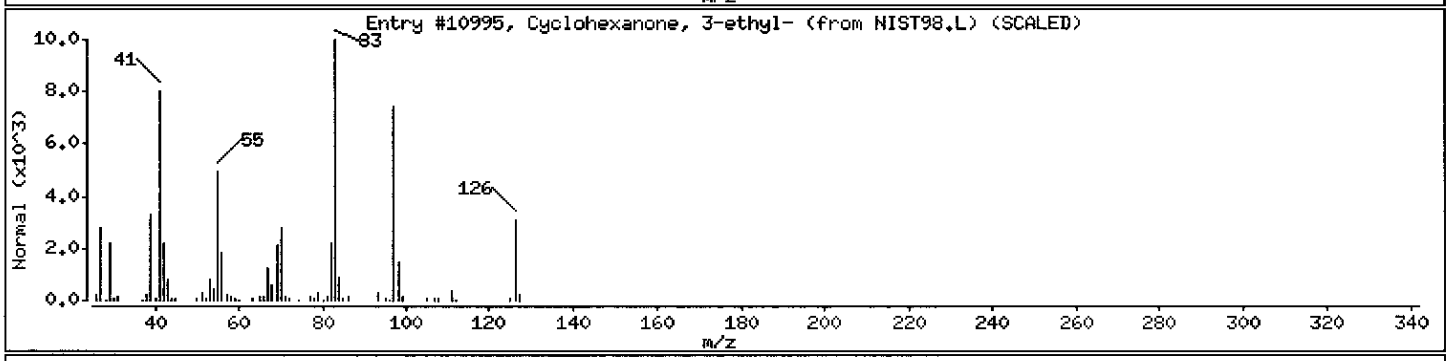
Sample Info: D0926-10A,,19468,,

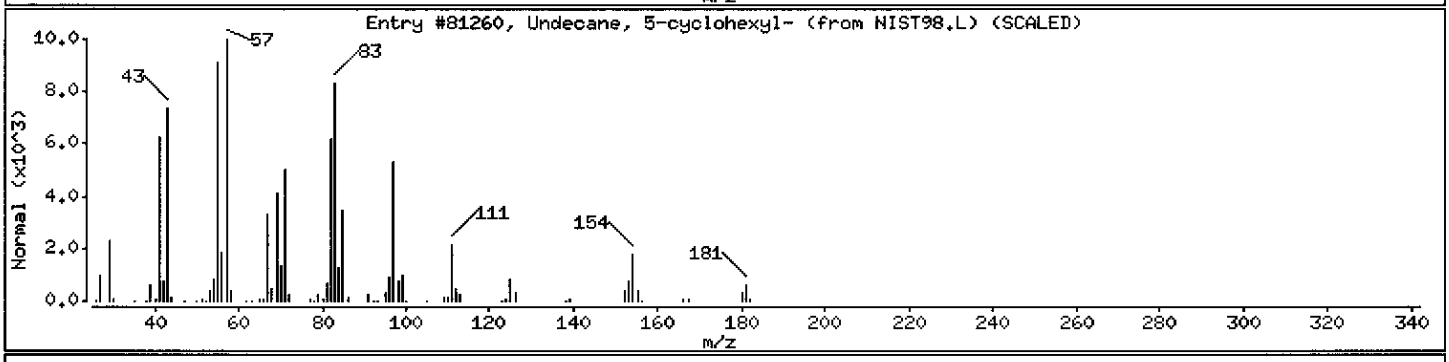
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclohexanone, 3-ethyl-	22461-89-8	NIST98.L	10995	49	C8H14O	126
Undecane, 5-cyclohexyl-	13151-80-9	NIST98.L	81260	43	C17H34	238







Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9430.D

Date : 24-AUG-2005 17:19

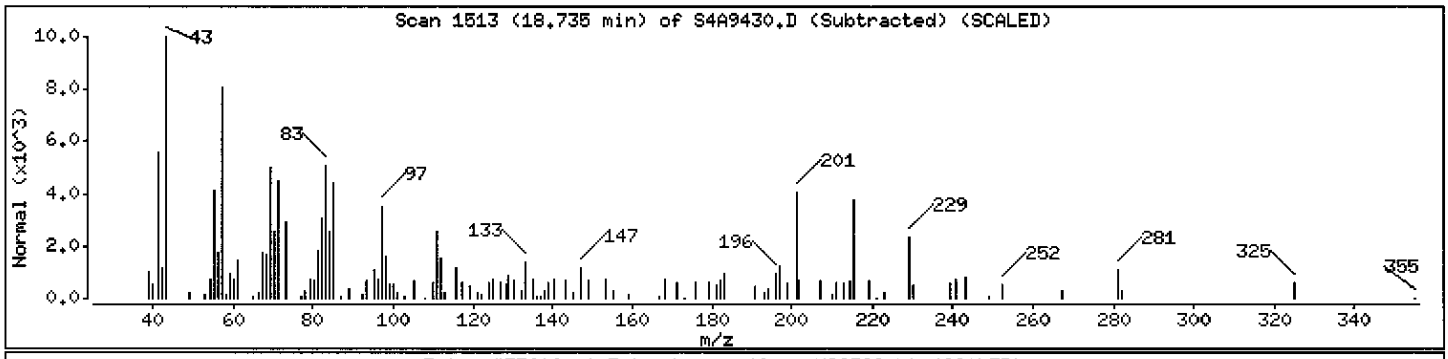
Client ID: SD09-S-0 Instrument: S4.i

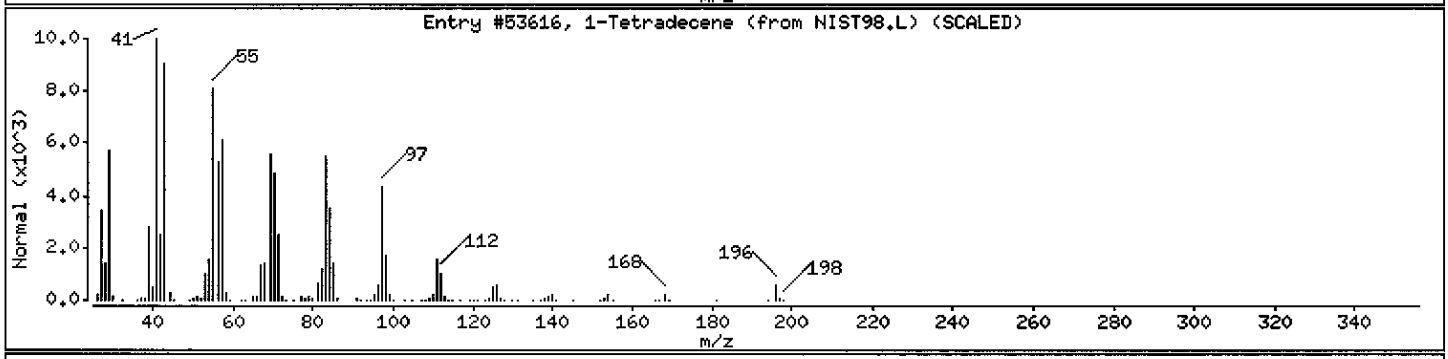
Sample Info: D0926-10A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Tetradecene	1120-36-1	NIST98.L	53616	41	C14H28	196





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Date : 24-AUG-2005 17:19

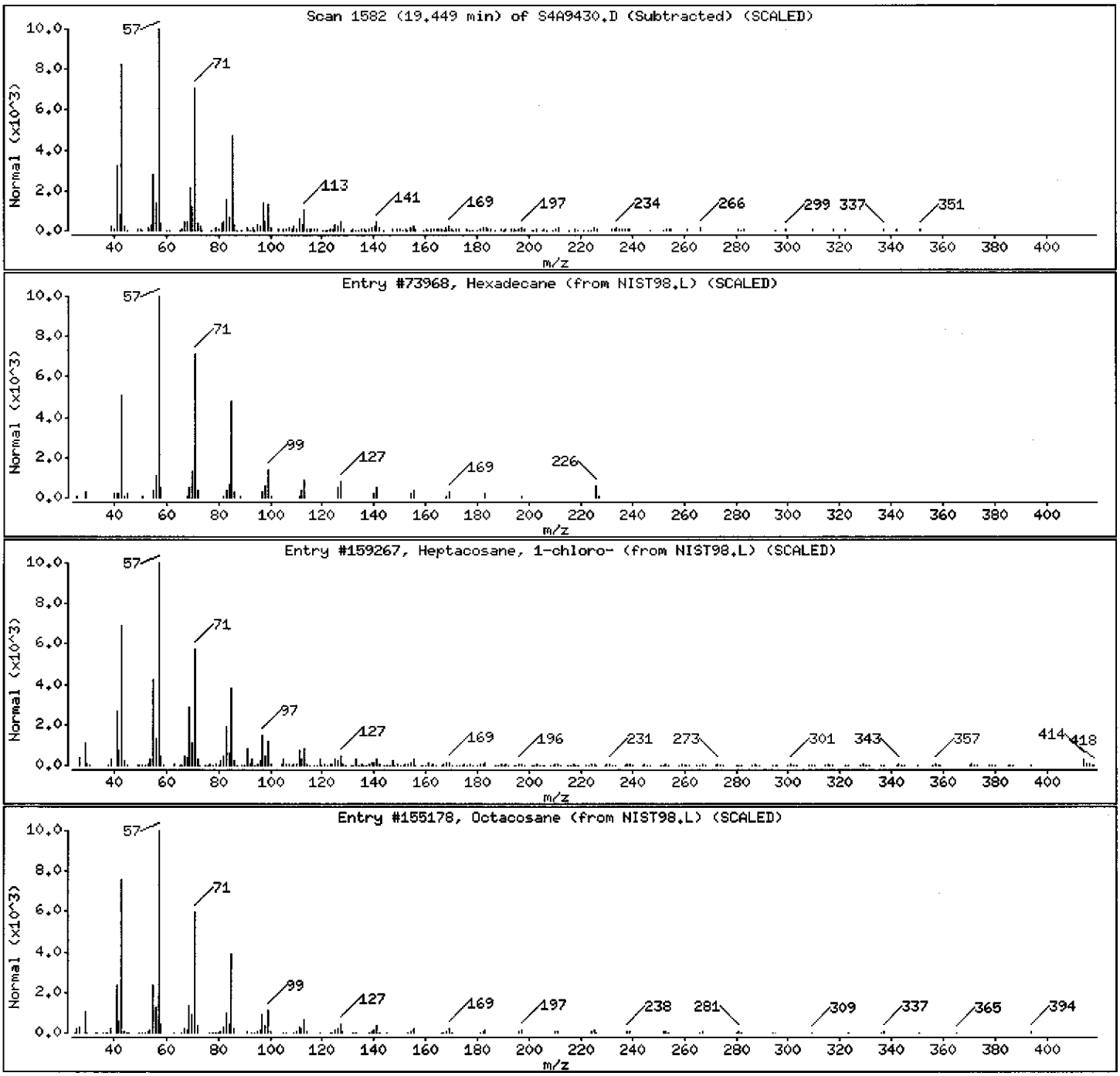
Client ID: SD09-S-0 Instrument: S4.i

Sample Info: D0926-10A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Hexadecane	544-76-3	NIST98.L	73968	94	C16H34	226
Heptacosane, 1-chloro-	62016-79-9	NIST98.L	159267	91	C27H55Cl	414
Octacosane	630-02-4	NIST98.L	155178	90	C28H58	394



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Date : 24-AUG-2005 17:19

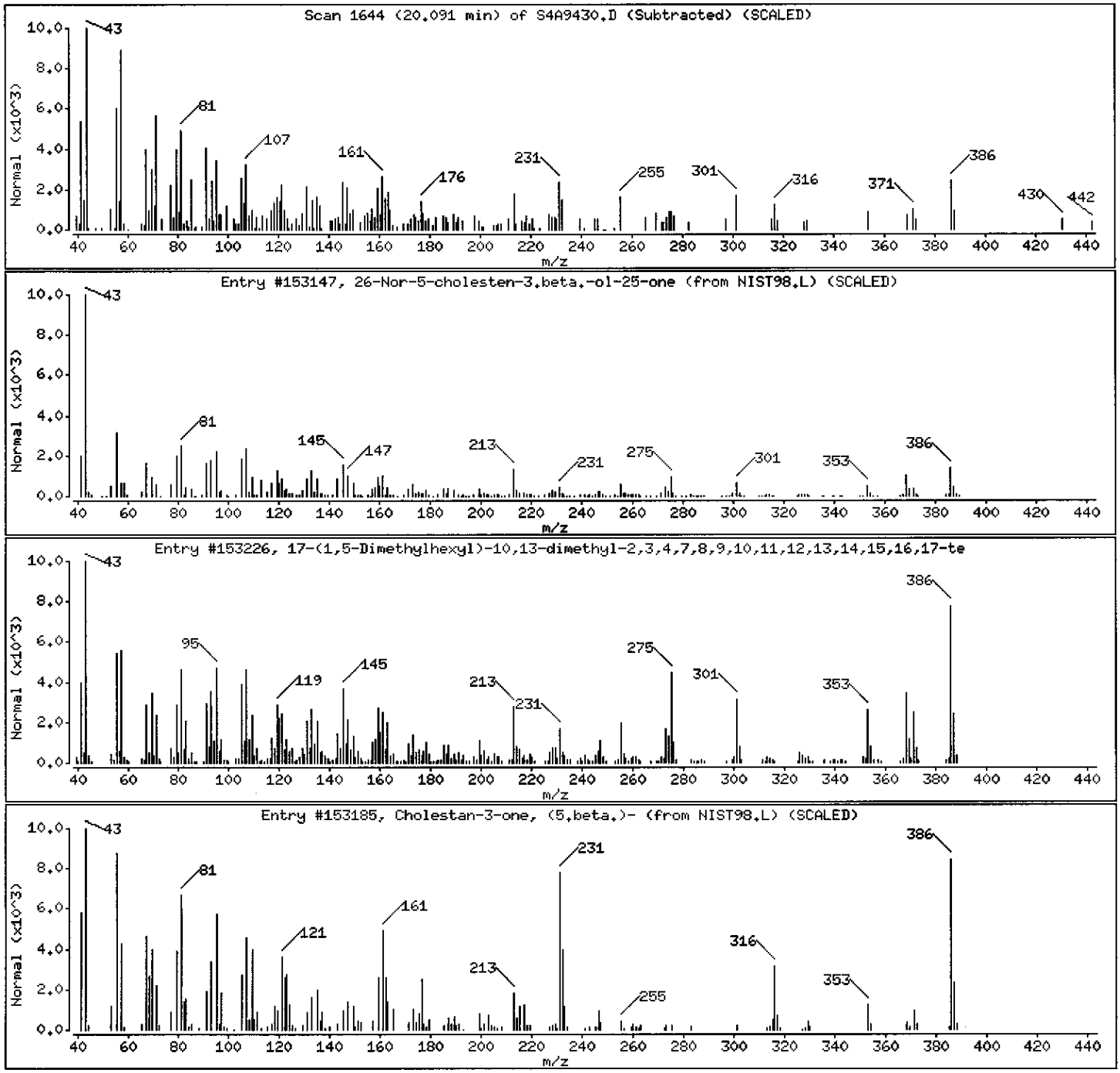
Client ID: SD09-S-0 Instrument: S4.i

Sample Info: D0926-10A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
26-Nor-5-cholesten-3.beta.-ol-25-one	7494-34-0	NIST98.L	153147	66	C26H4202	386
17-(1,5-Dimethylhexyl)-10,13-dimethyl-2,	1000210-38-4	NIST98.L	153226	64	C27H460	386
Cholestan-3-one, (5.beta.)-	601-53-6	NIST98.L	153185	58	C27H460	386



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9430.D

Date : 24-AUG-2005 17:19

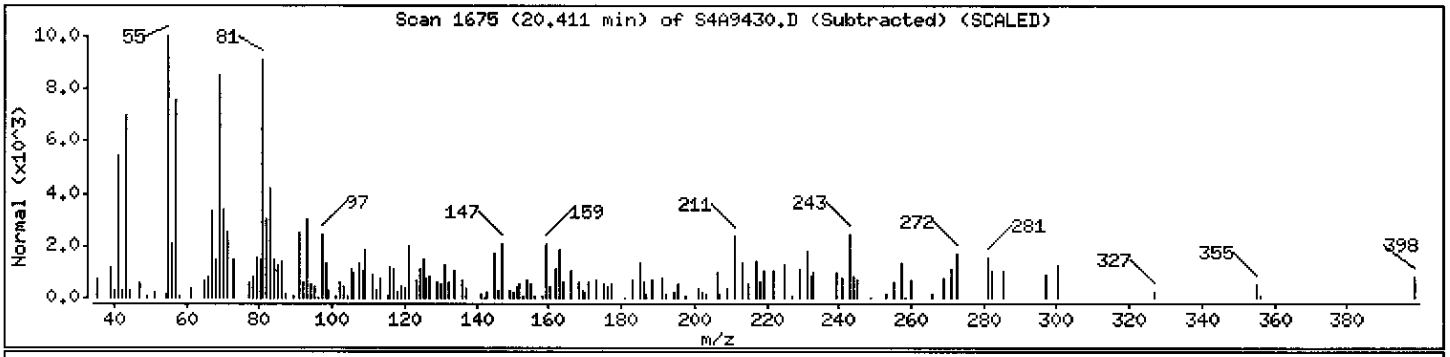
Client ID: SD09-S-0 Instrument: S4.i

Sample Info: D0926-10A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 24-AUG-2005 17:19

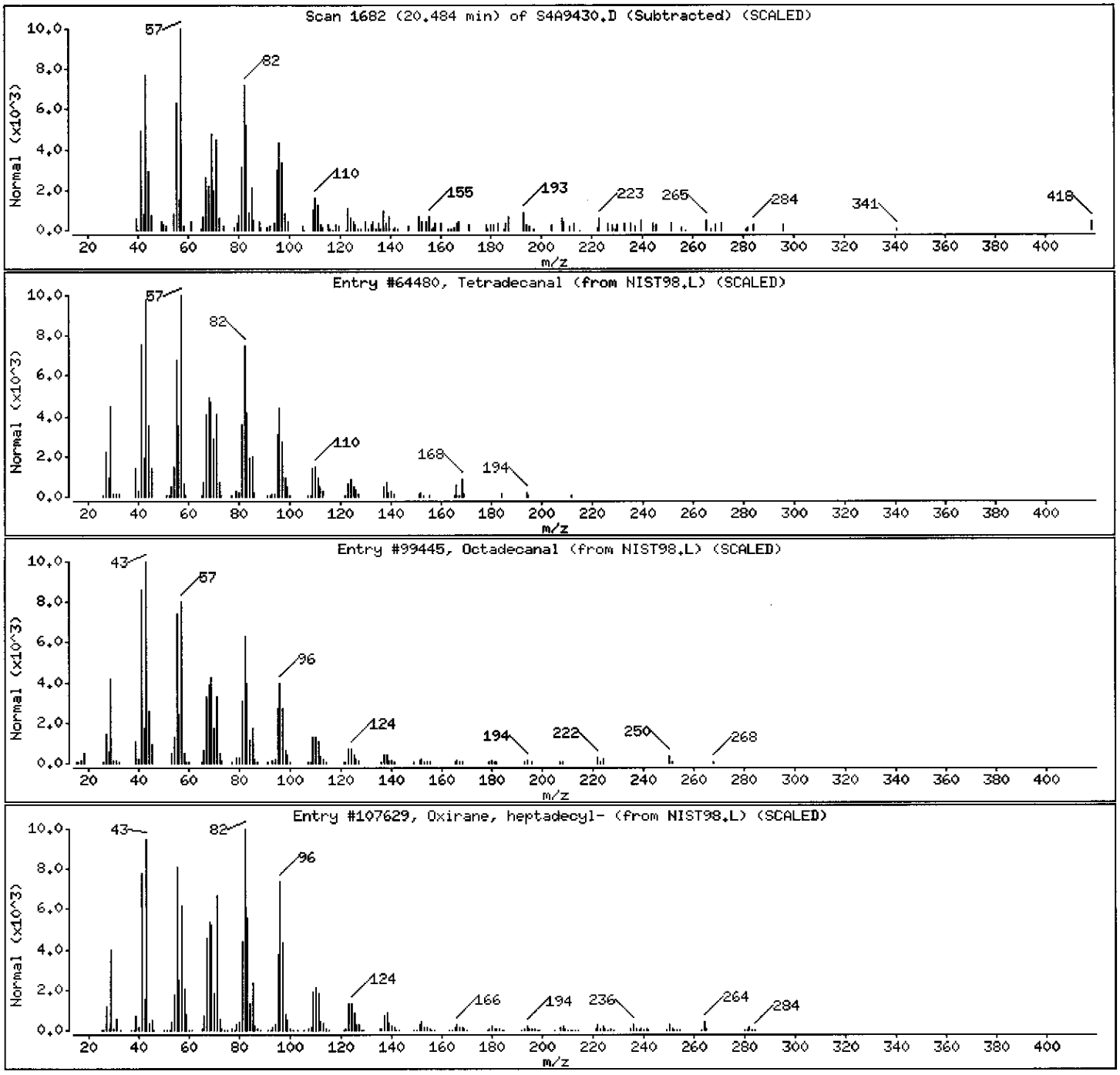
Client ID: SD09-S-0 Instrument: S4.i

Sample Info: D0926-10A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetradecanal	124-25-4	NIST98.L	64480	87	C14H28O	212
Octadecanal	638-66-4	NIST98.L	99445	86	C18H36O	268
Oxirane, heptadecyl-	67860-04-2	NIST98.L	107629	68	C19H38O	282



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9430.D

Date : 24-AUG-2005 17:19

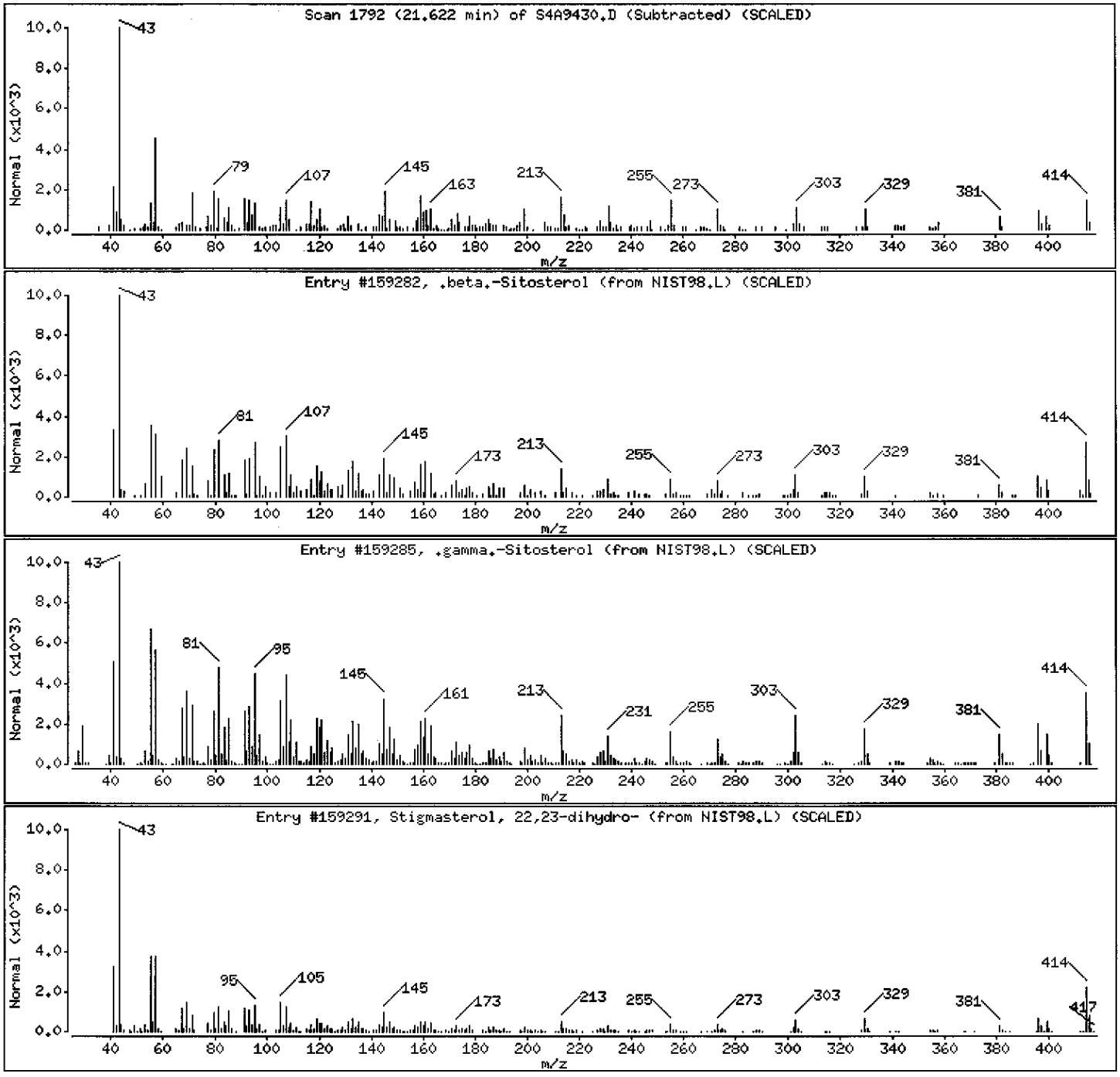
Client ID: SD09-S-0 Instrument: S4.i

Sample Info: D0926-10A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.beta.-Sitosterol	83-46-5	NIST98.L	159282	90	C29H500	414
.gamma.-Sitosterol	83-47-6	NIST98.L	159285	89	C29H500	414
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST98.L	159291	83	C29H500	414



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9430.D

Date : 24-AUG-2005 17:19

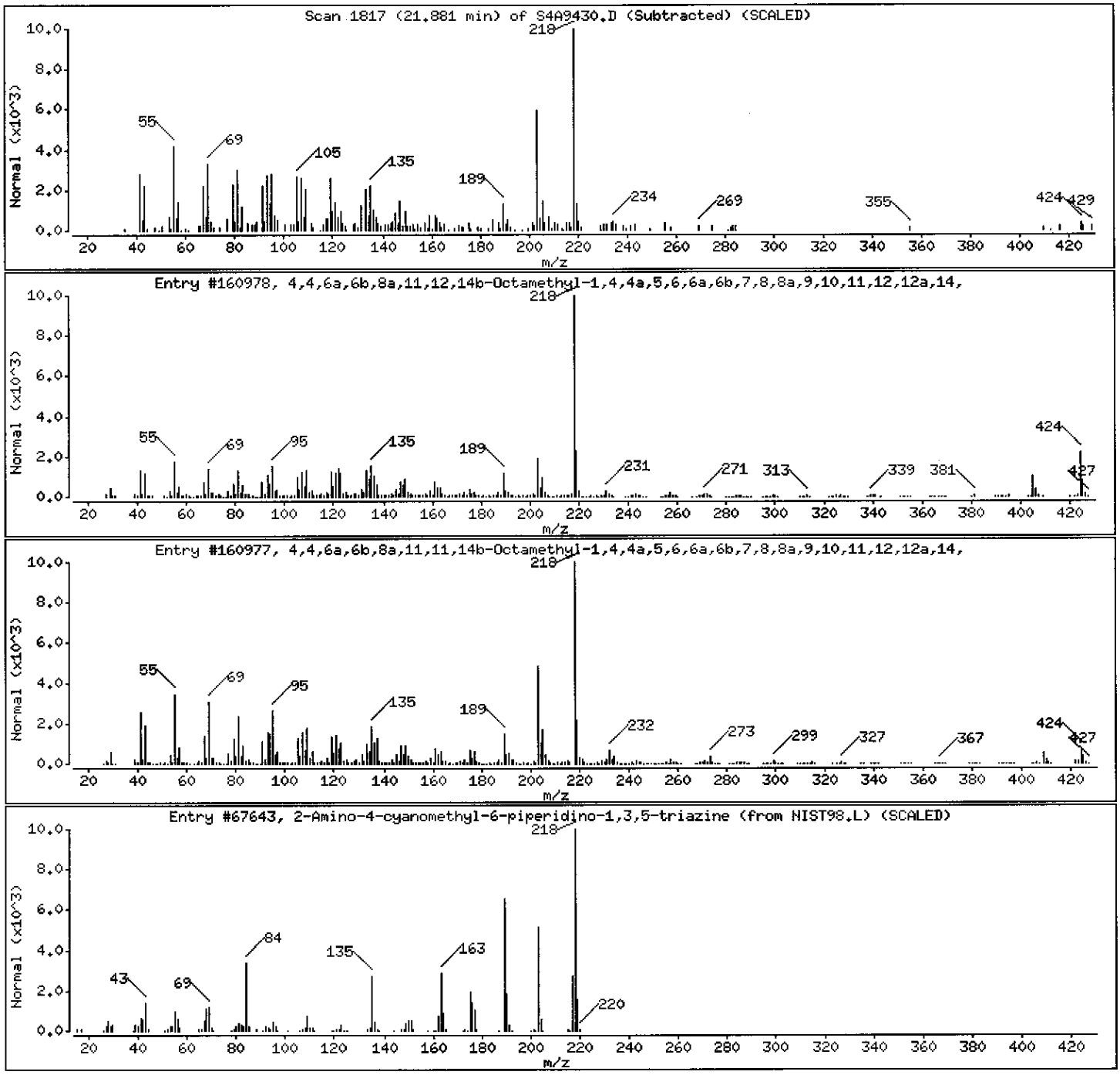
Client ID: SD09-S-0 Instrument: S4.i

Sample Info: D0926-10A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
4,4,6a,6b,8a,11,12,14b-Octamethyl-1,4,4a	1000194-64-2	NIST98.L	160978	87	C30H48O	424
4,4,6a,6b,8a,11,11,14b-Octamethyl-1,4,4a	1000194-62-4	NIST98.L	160977	86	C30H48O	424
2-Amino-4-cyanomethyl-6-piperidino-1,3,5	1000241-05-9	NIST98.L	67643	46	C10H14N6	218



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9430.D

Date : 24-AUG-2005 17:19

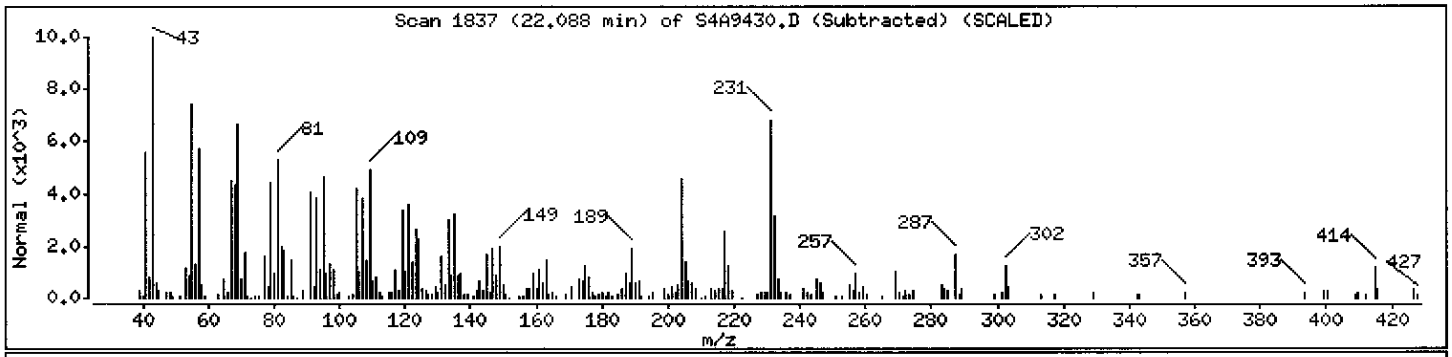
Client ID: SD09-S-0 Instrument: S4.i

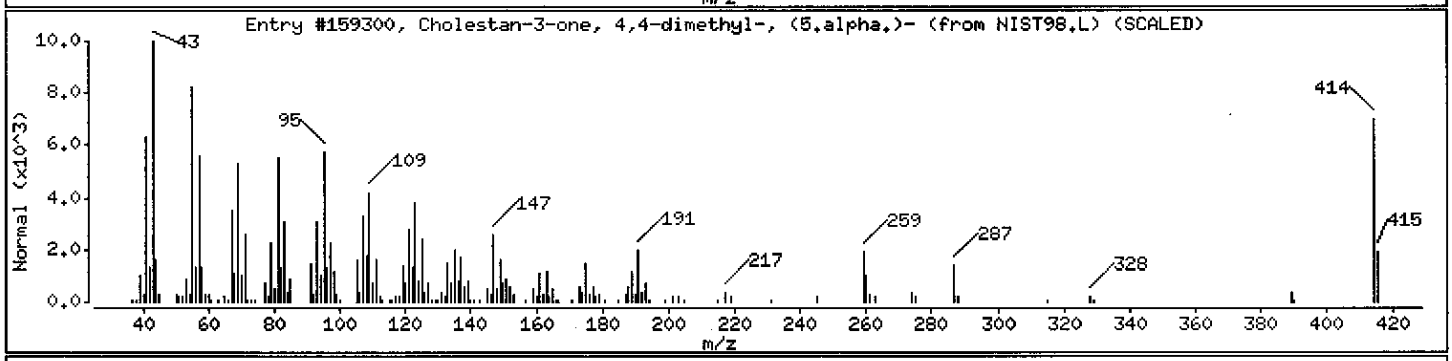
Sample Info: D0926-10A,,19468,,

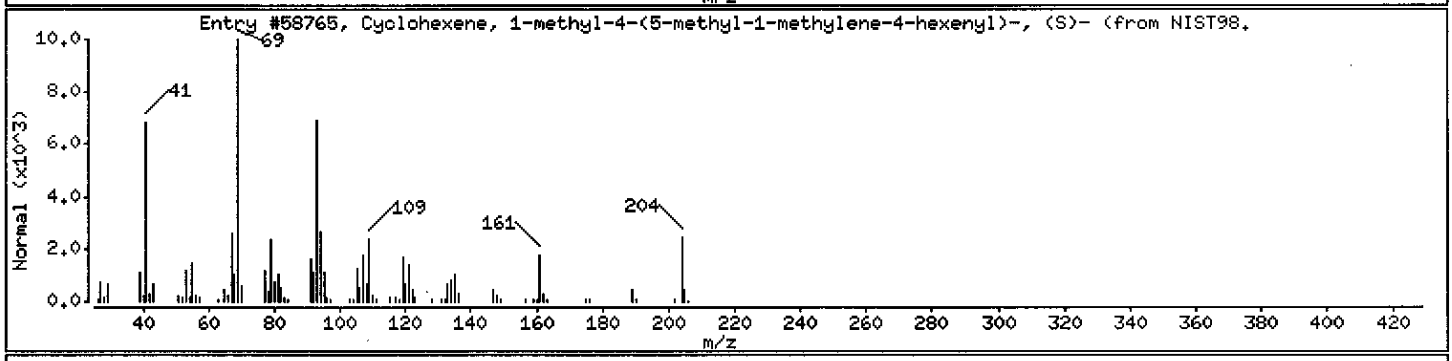
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cholestan-3-one, 4,4-dimethyl-, (5.alpha	2097-85-0	NIST98.L	159300	47	C29H500	414
Cyclohexene, 1-methyl-4-(5-methyl-1-meth	495-61-4	NIST98.L	58765	46	C15H24	204







Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9430.D

Date : 24-AUG-2005 17:19

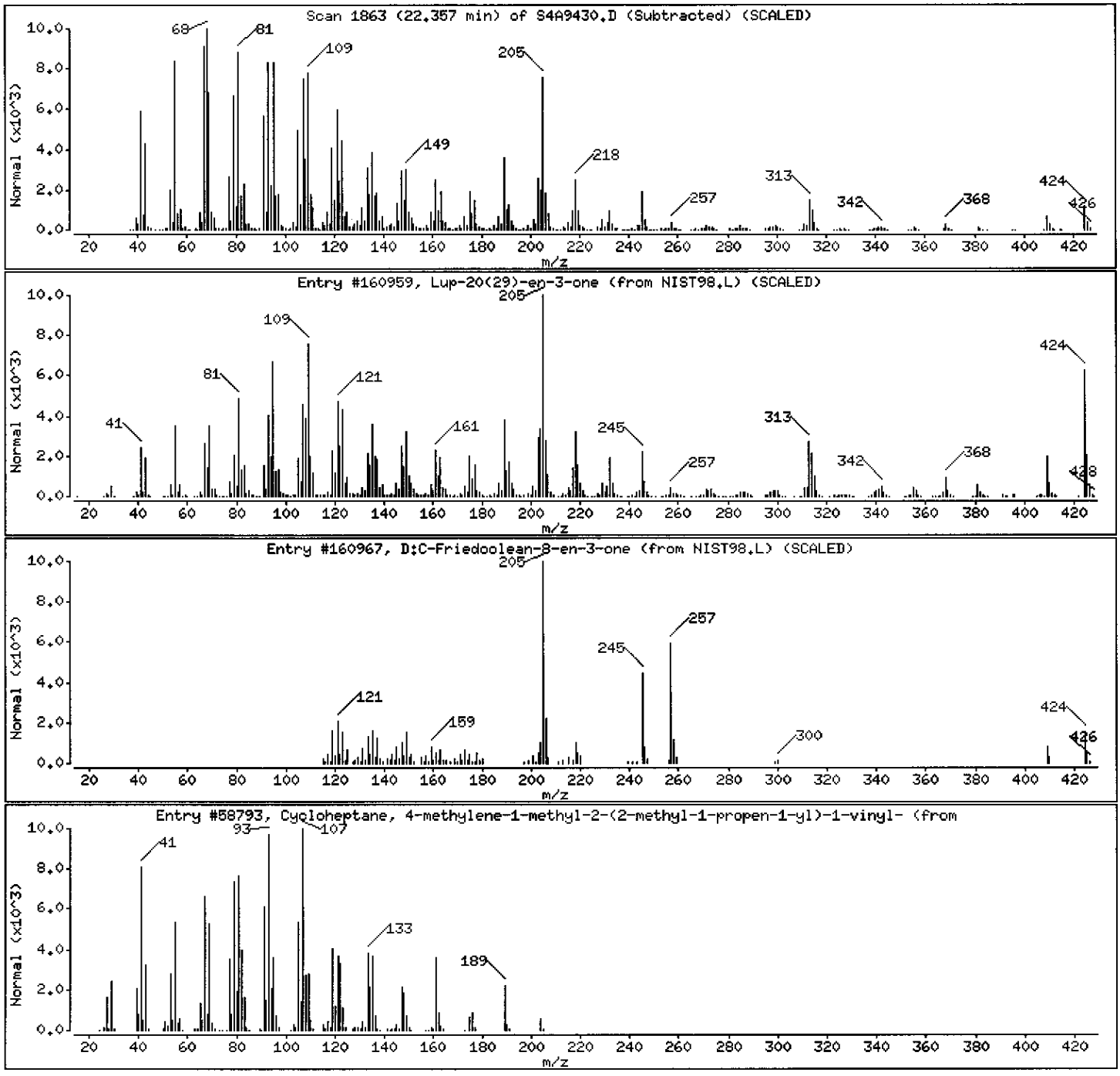
Client ID: SD09-S-0 Instrument: S4.i

Sample Info: D0926-10A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Lup-20(29)-en-3-one	1617-70-5	NIST98.L	160959	97	C30H480	424
D:C-Friedoolean-8-en-3-one	22611-26-3	NIST98.L	160967	91	C30H480	424
Cycloheptane, 4-methylene-1-methyl-2-(2-	1000159-38-5	NIST98.L	58793	45	C15H24	204



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Date : 24-AUG-2005 17:19

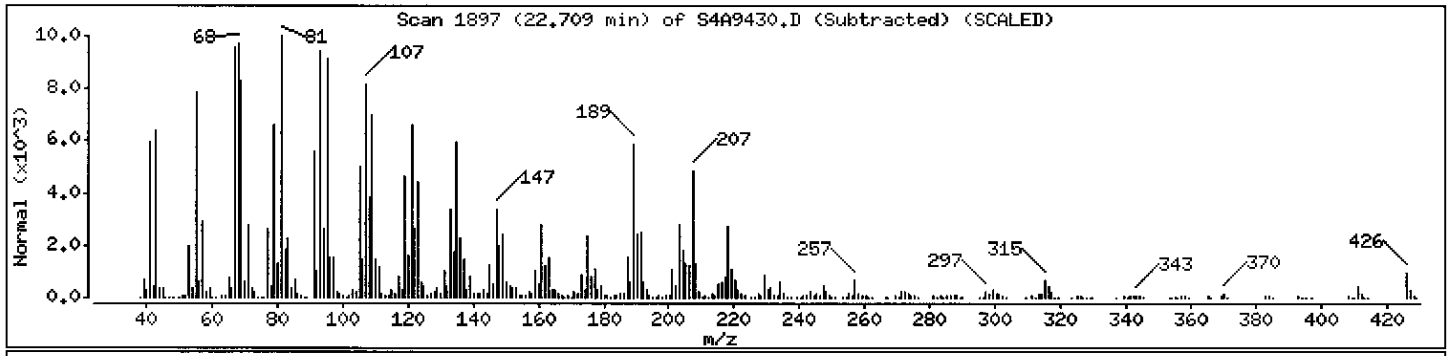
Client ID: SD09-S-0 Instrument: S4.i

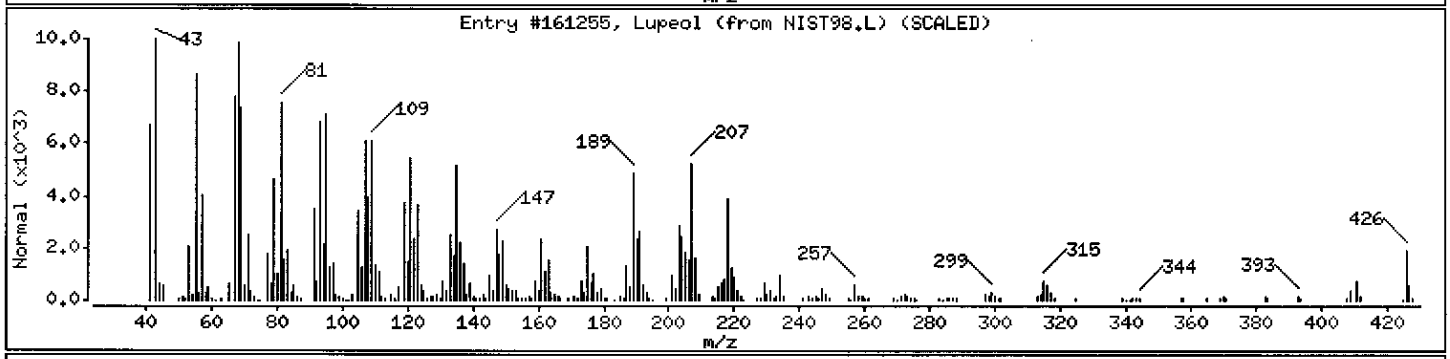
Sample Info: D0926-10A,,19468,,

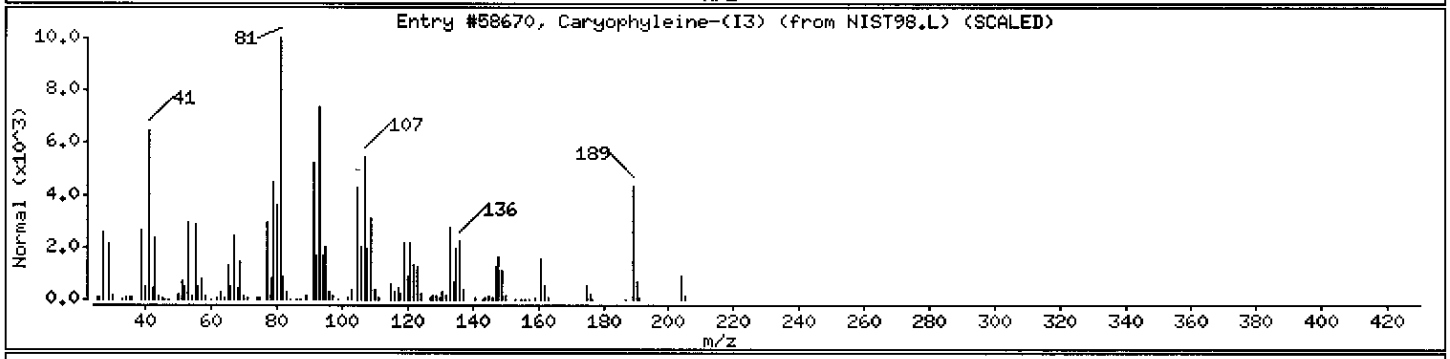
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

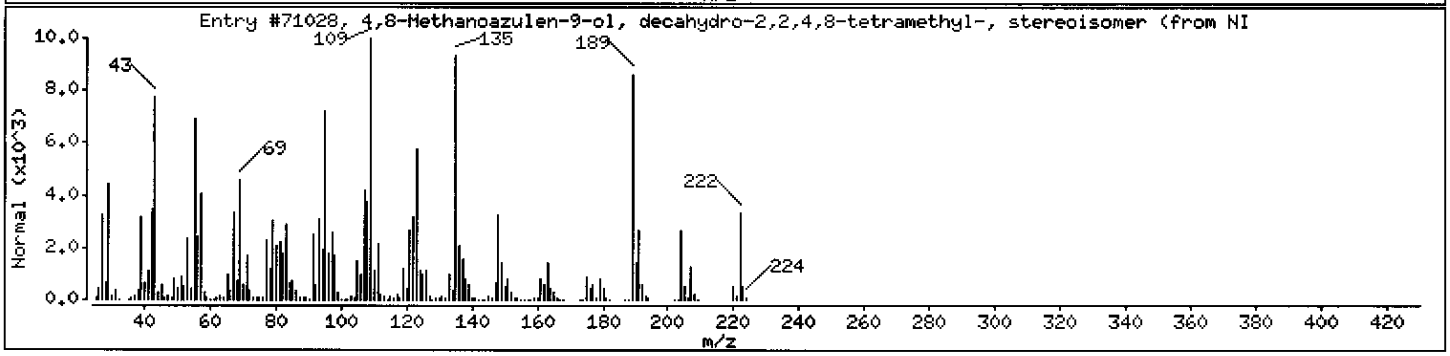
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Lupeol	545-47-1	NIST98.L	161255	60	C30H500	426
Caryophyleine-(I3)	136296-37-2	NIST98.L	58670	60	C15H24	204
4,8-Methanoazulen-9-ol, decahydro-2,2,4,	4586-22-5	NIST98.L	71028	46	C15H260	222









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9430.D

Date : 24-AUG-2005 17:19

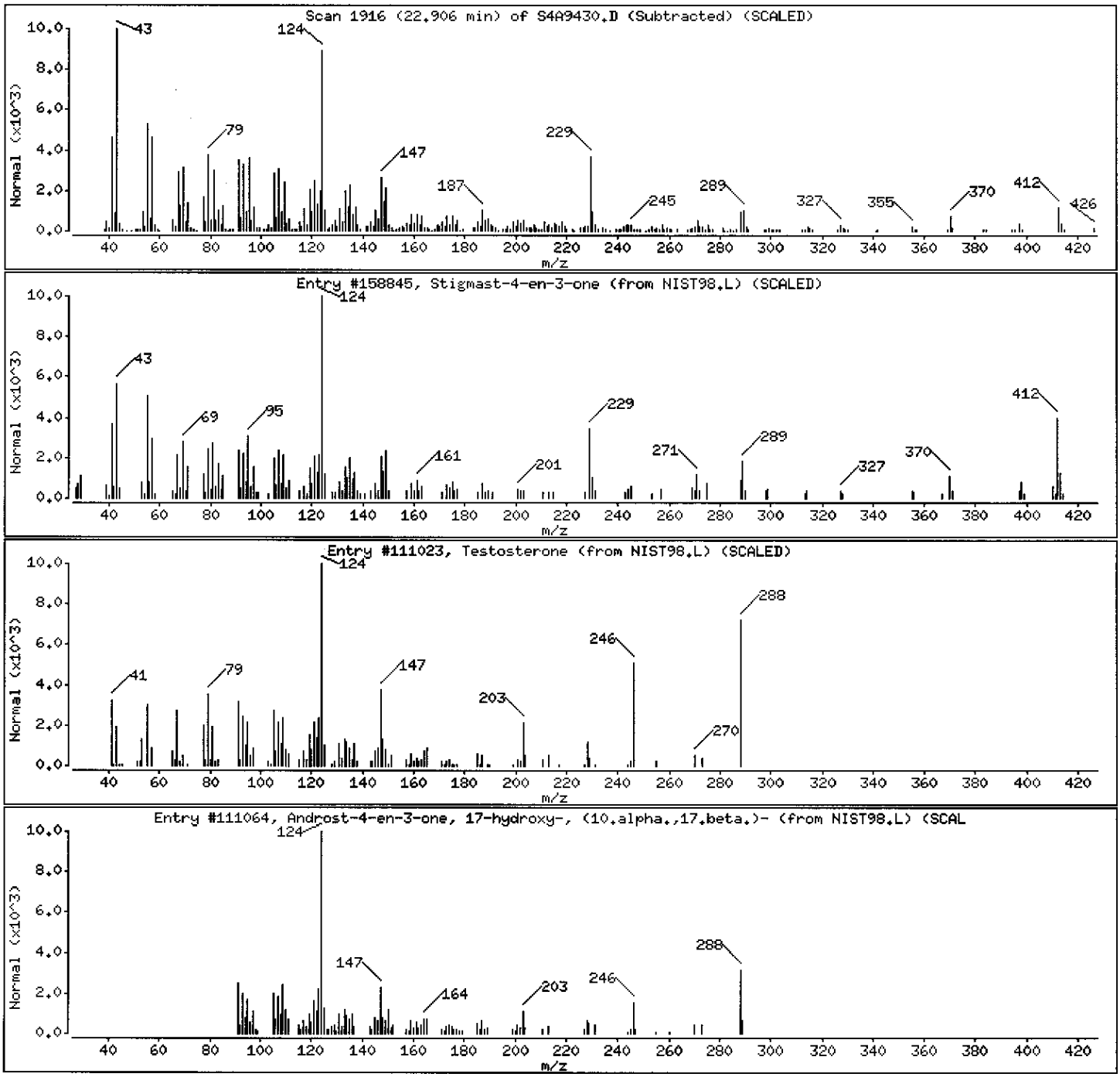
Client ID: SD09-S-0 Instrument: S4.i

Sample Info: D0926-10A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Stigmast-4-en-3-one	1058-61-3	NIST98.L	158845	96	C29H480	412
Testosterone	58-22-0	NIST98.L	111023	86	C19H2802	288
Androst-4-en-3-one, 17-hydroxy-, (10.alp	604-39-7	NIST98.L	111064	64	C19H2802	288



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9430.D

Date : 24-AUG-2005 17:19

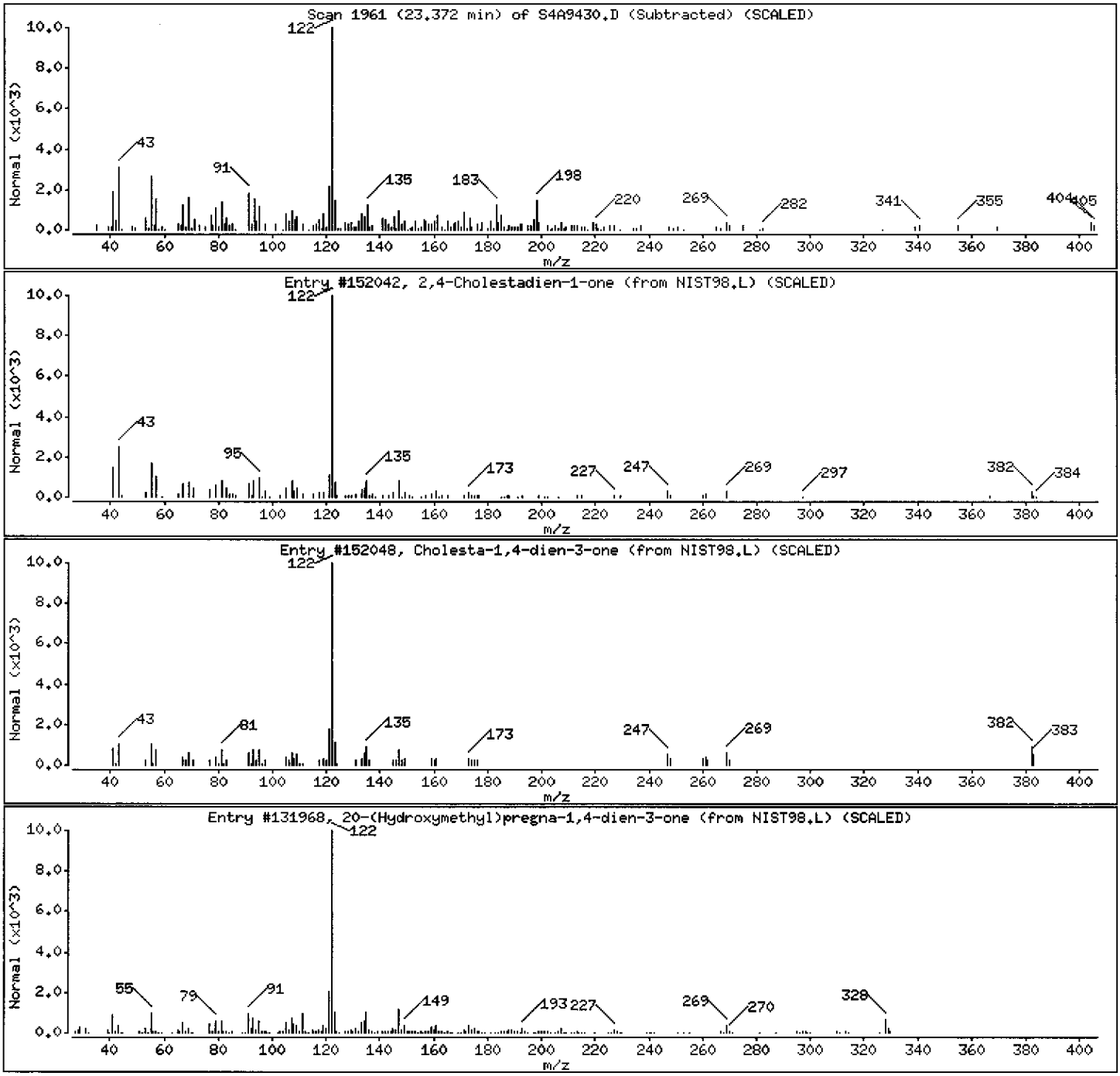
Client ID: SD09-S-0 Instrument: S4.i

Sample Info: D0926-10A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2,4-Cholestadien-1-one	55519-19-2	NIST98.L	152042	64	C27H42O	382
Cholesta-1,4-dien-3-one	566-91-6	NIST98.L	152048	59	C27H42O	382
20-(Hydroxymethyl)pregna-1,4-dien-3-one	35525-27-0	NIST98.L	131968	58	C22H32O2	328



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9430.D

Date : 24-AUG-2005 17:19

Client ID: SD09-S-O

Instrument: S4.i

Sample Info: D0926-10A,,19468,,

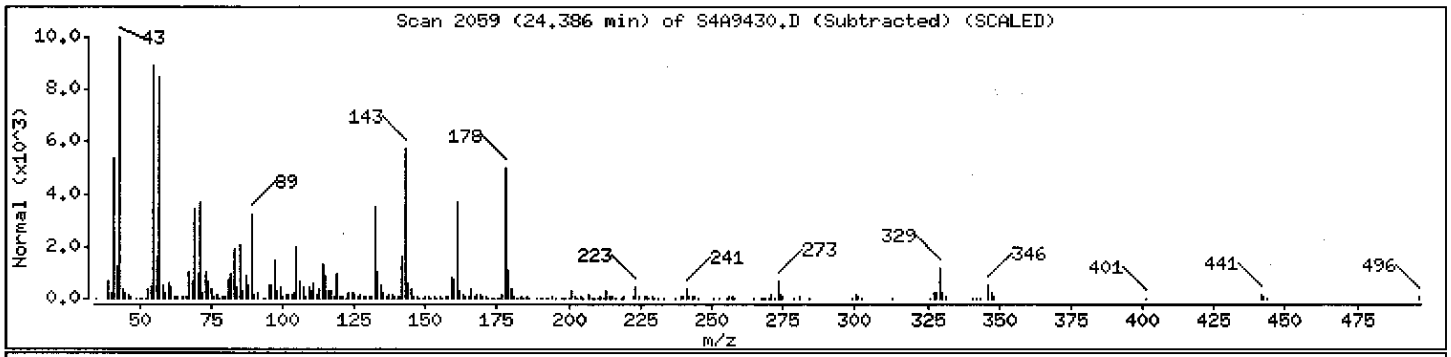
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD10-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-12A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A9457

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 50 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	660	U
108-95-2	Phenol	660	U
111-44-4	bis(2-Chloroethyl)Ether	660	U
95-57-8	2-Chlorophenol	660	U
95-48-7	2-Methylphenol	660	U
108-60-1	2,2'-oxybis(1-Chloropropane)	660	U
98-86-2	Acetophenone	660	U
106-44-5	4-Methylphenol	660	U
621-64-7	N-Nitroso-di-n-propylamine	660	U
67-72-1	Hexachloroethane	660	U
98-95-3	Nitrobenzene	660	U
78-59-1	Isophorone	660	U
88-75-5	2-Nitrophenol	660	U
105-67-9	2,4-Dimethylphenol	660	U
111-91-1	bis(2-Chloroethoxy)methane	660	U
120-83-2	2,4-Dichlorophenol	660	U
91-20-3	Naphthalene	660	U
106-47-8	4-Chloroaniline	660	U
87-68-3	Hexachlorobutadiene	660	U
105-60-2	Caprolactam	660	U
59-50-7	4-Chloro-3-Methylphenol	660	U
91-57-6	2-Methylnaphthalene	660	U
77-47-4	Hexachlorocyclopentadiene	660	U
88-06-2	2,4,6-Trichlorophenol	660	U
95-95-4	2,4,5-Trichlorophenol	1700	U
92-52-4	1,1'-Biphenyl	660	U
91-58-7	2-Chloronaphthalene	660	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	660	U
606-20-2	2,6-Dinitrotoluene	660	U
208-96-8	Acenaphthylene	660	U
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	660	U

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SD10-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-12A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A9457

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 50 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	660	U
121-14-2	2,4-Dinitrotoluene	660	U
84-66-2	Diethylphthalate	1900	
86-73-7	Fluorene	660	U
7005-72-3	4-Chlorophenyl-phenylether	660	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	660	U
101-55-3	4-Bromophenyl-phenylether	660	U
118-74-1	Hexachlorobenzene	660	U
1912-24-9	Atrazine	660	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	660	U
120-12-7	Anthracene	660	U
86-74-8	Carbazole	660	U
84-74-2	Di-n-butylphthalate	120	J
206-44-0	Fluoranthene	72	J
129-00-0	Pyrene	71	J
85-68-7	Butylbenzylphthalate	660	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)anthracene	660	U
218-01-9	Chrysene	69	J
117-81-7	bis(2-Ethylhexyl)phthalate	1900	B
117-84-0	Di-n-octylphthalate	660	U
205-99-2	Benzo(b)fluoranthene	660	U
207-08-9	Benzo(k)fluoranthene	660	U
50-32-8	Benzo(a)pyrene	660	U
193-39-5	Indeno(1,2,3-cd)pyrene	660	U
53-70-3	Dibenzo(a,h)anthracene	660	U
191-24-2	Benzo(g,h,i)perylene	660	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD10-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-12A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A9457

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 50 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

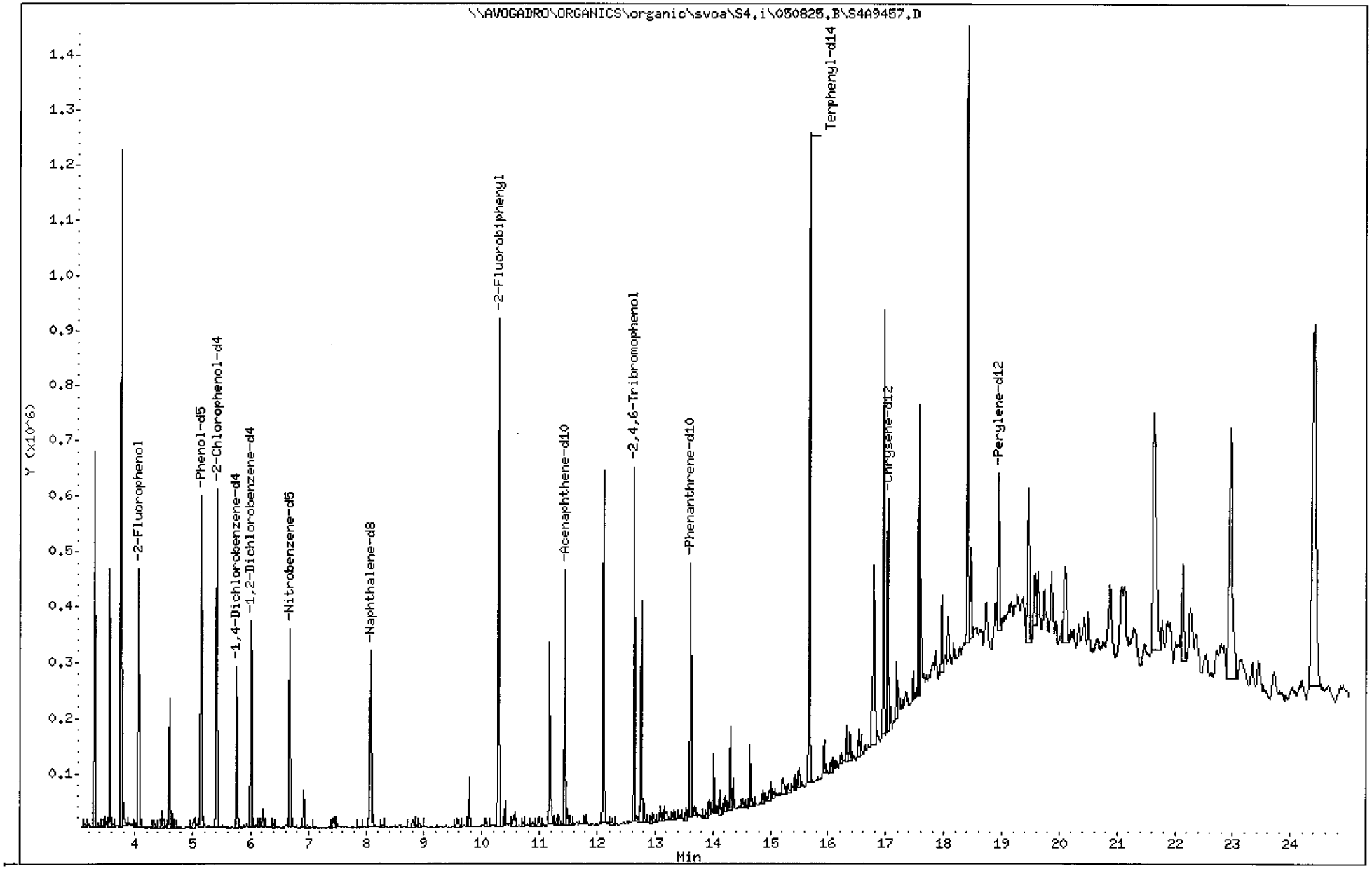
GPC Cleanup: (Y/N) Y pH: 5.7 Extraction: (Type) SONC

Number TICs found: 22

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	5.03	150	J
2.	78-40-0	TRIETHYL PHOSPHATE	6.91	240	NJ
3.		UNKNOWN	9.78	310	J
4.		UNKNOWN	10.57	140	J
5.	112-42-5	1-UNDECANOL	11.16	1300	NJ
6.		UNKNOWN	12.80	190	J
7.		UNKNOWN	14.01	290	J
8.	57-10-3	N-HEXADECANOIC ACID	14.30	410	NJ
9.	6380-71-8	PROPANOIC ACID, 3-MERCAPTO-,	14.65	310	NJ
10.	123-95-5	OCTADECANOIC ACID, BUTYL EST	16.31	150	NJ
11.		UNKNOWN	16.52	140	J
12.		UNKNOWN	17.18	290	J
13.		UNKNOWN	17.47	150	J
14.		UNKNOWN	17.57	1600	J
15.		UNKNOWN	18.07	290	J
16.	18992-03-5	BROMOACETIC ACID, OCTADECYL	18.47	670	NJ
17.	18435-45-5	1-NONADECENE	19.57	570	NJ
18.	7494-34-0	26-NOR-5-CHOLESTEN-3.BETA.-O	20.10	1000	NJ
19.	83-47-6	.GAMMA.-SITOSTEROL	21.63	3900	NJ
20.		UNKNOWN	22.13	1300	J
21.	1058-61-3	STIGMAST-4-EN-3-ONE	22.97	4000	NJ
22.		UNKNOWN	24.41	7300	JB
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9457.D
Date : 25-AUG-2005 13:08
Client ID: SD10-S-0
Instrument: S4.i
Sample Info: D0926-12A,,19468,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9457.D
Report Date: 01-Sep-2005 15:26

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9457.D
Lab Smp Id: D0926-12A Client Smp ID: SD10-S-O
Inj Date : 25-AUG-2005 13:08
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-12A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D ✓
Als bottle: 27
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	50.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	4.068	4.048	(0.707)	119392	91.9294	3100
$	3 Phenol-d5	99	5.145	5.135	(0.894)	202995	104.544	3500
$	6 2-Chlorophenol-d4	132	5.414	5.414	(0.941)	167538	104.151	3500
*	8 1,4-Dichlorobenzene-d4	152	5.755	5.755	(1.000)	49258	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	6.004	6.004	(1.043)	65260	55.8925	1900
$	16 Nitrobenzene-d5	82	6.677	6.677	(0.827)	164221	68.8445	2300
*	23 Naphthalene-d8	136	8.074	8.074	(1.000)	202629	40.0000	
$	33 2-Fluorobiphenyl	172	10.289	10.289	(0.900)	336329	83.4233	2800
*	41 Acenaphthene-d10	164	11.438	11.438	(1.000)	113216	40.0000	
	47 Diethylphthalate	149	12.110	12.111	(1.059)	243246	58.1111	1900
$	53 2,4,6-Tribromophenol	330	12.638	12.628	(0.929)	71931	155.881	5200
*	58 Phenanthrene-d10	188	13.611	13.611	(1.000)	175786	40.0000	
	62 Di-n-butylphthalate	149	14.346	14.346	(1.054)	22893	3.64686	120(a)

Data File: S4A9457.D
Report Date: 01-Sep-2005 15:26

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
	63 Fluoranthene	202	15.216	15.216	(1.118)	11152	2.17114	72(a)
	64 Pyrene	202	15.505	15.505	(0.910)	10879	2.14371	71(a)
$	65 Terphenyl-d14	244	15.681	15.671	(0.920)	352774	94.8026	3100
*	69 Chrysene-d12	240	17.037	17.027	(1.000)	144948	40.0000	
	70 Chrysene	228	17.068	17.068	(1.002)	8638	2.06850	69(a)
	71 bis(2-Ethylhexyl)phthalate	149	16.965	16.954	(0.996)	206256	56.8268	1900
*	76 Perylene-d12	264	18.962	18.942	(1.000)	124325	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

09/01/05
AU

Data File: S4A9457.D
Report Date: 31-Aug-2005 15:37

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9457.D
Lab Smp Id: D0926-12A Client Smp ID: SD10-S-O
Inj Date : 25-AUG-2005 13:08
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-12A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D
Als bottle: 27
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	50.000	% Moisture

ISTD		RT	AREA	AMOUNT
*	8 1,4-Dichlorobenzene-d4	5.755	391233	40.000
*	23 Naphthalene-d8	8.074	485856	40.000
*	41 Acenaphthene-d10	11.438	558190	40.000
*	58 Phenanthrene-d10	13.611	544136	40.000
*	69 Chrysene-d12	17.037	584739	40.000
*	76 Perylene-d12	18.962	590472	40.000

Data File: S4A9457.D
Report Date: 31-Aug-2005 15:37

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
5.031	42958	4.39206304	150	0		0	8
Triethyl phosphate				CAS #:	78-40-0		
6.915	87910	7.23753540	240	96	NIST98.L	44293	23
Unknown				CAS #:			
9.782	131563	9.42782923	310	0		0	41
Unknown				CAS #:			
10.568	57410	4.11401136	140	0		0	41
1-Undecanol				CAS #:	112-42-5		
11.158	558503	40.0224296	1300	91	NIST98.L	37465	41
Cyclic Alkane				CAS #:			
12.763	418068	30.7326110	1000	0		0	58
Unknown				CAS #:			
12.804	75791	5.57147478	190	0		0	58
Unknown				CAS #:			
14.015	118529	8.71318935	290	0		0	58
n-Hexadecanoic acid				CAS #:	57-10-3		
14.305	169598	12.4673243	410	96	NIST98.L	92226	58
Propanoic acid, 3-mercapto-, dodecyl est				CAS #:	6380-71-8		
14.646	125194	9.20314039	310	91	NIST98.L	102857	58
Branched Alkane				CAS #:			
15.940	80667	5.51815425	180	0		0	69
Octadecanoic acid, butyl ester				CAS #:	123-95-5		
16.313	67997	4.65144278	150	91	NIST98.L	137336	69
Straight-Chain Alkane				CAS #:			
16.364	89341	6.11151300	200	0		0	69
Unknown				CAS #:			
16.520	60495	4.13825656	140	0		0	69
Cyclic Alkane				CAS #:			
16.789	629567	43.0665305	1400	0		0	69

Data File: S4A9457.D
Report Date: 31-Aug-2005 15:37

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
17.182	128705	8.80426994	290	0		0	69
Unknown				CAS #:			
17.472	64544	4.41523483	150	0		0	69
Unknown				CAS #:			
17.565	716319	49.0009389	1600	0		0	69
Straight-Chain Alkane				CAS #:			
17.969	190549	13.0348070	430	0		0	69
Unknown				CAS #:			
18.072	128012	8.67184219	290	0		0	76
Branched Alkane				CAS #:			
18.414	1519882	102.960479	3400	0		0	76
Bromoacetic acid, octadecyl ester				CAS #: 18992-03-5			
18.465	296584	20.0913168	670	91	NIST98.L	154046	76
Branched Alkane				CAS #:			
19.459	587702	39.8123535	1300	0		0	76
1-Nonadecene				CAS #: 18435-45-5			
19.573	251270	17.0216369	570	91	NIST98.L	98171	76
26-Nor-5-cholesten-3.beta.-ol-25-one				CAS #: 7494-34-0			
20.101	457225	30.9735263	1000	94	NIST98.L	153147	76
.gamma.-Sitosterol				CAS #: 83-47-6			
21.633	1731585	117.301752	3900	99	NIST98.L	159285	76
Unknown				CAS #:			
22.129	556802	37.7191128	1300	0		0	76
Stigmast-4-en-3-one				CAS #: 1058-61-3			
22.968	1759296	119.178962	4000	94	NIST98.L	158845	76
Unknown				CAS #:			
24.407	3249909	220.156688	7300	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9457.D

Date : 25-AUG-2005 13:08

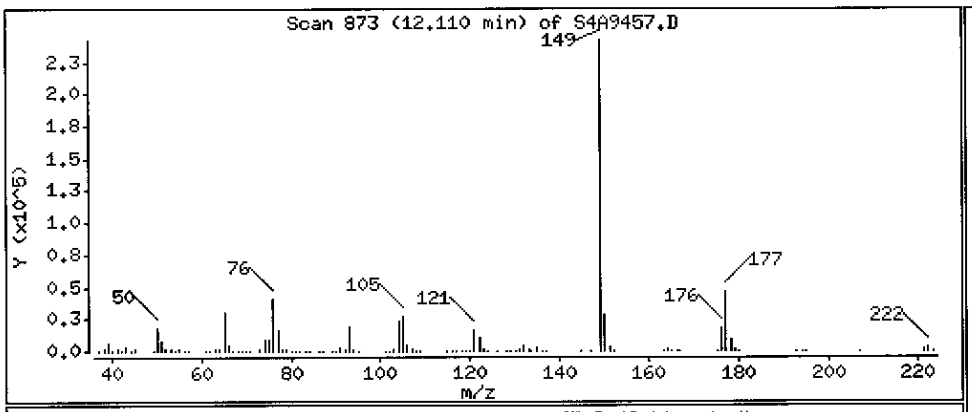
Client ID: SD10-S-0 Instrument: S4.i

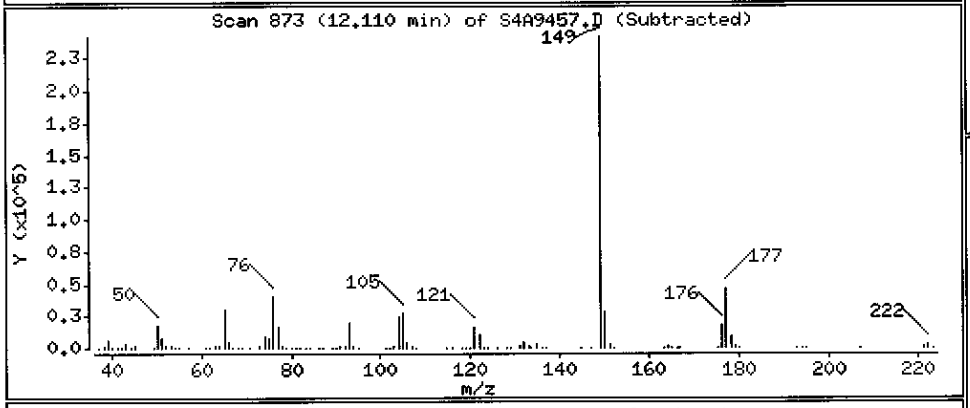
Sample Info: D0926-12A,,19468,,

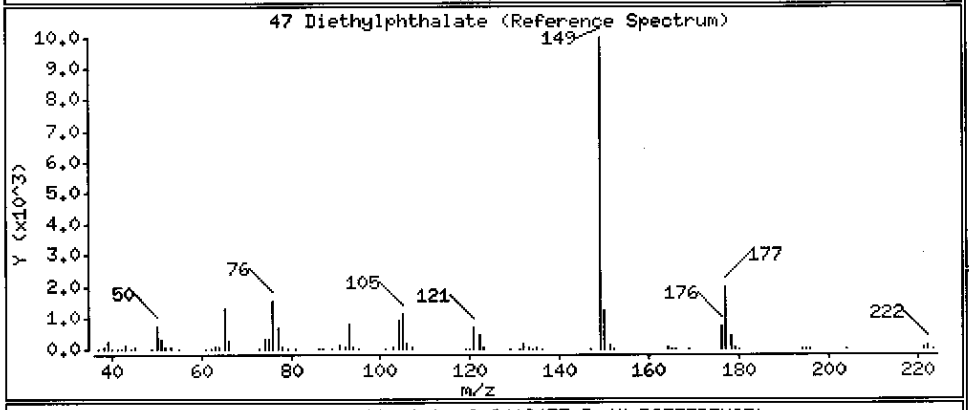
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

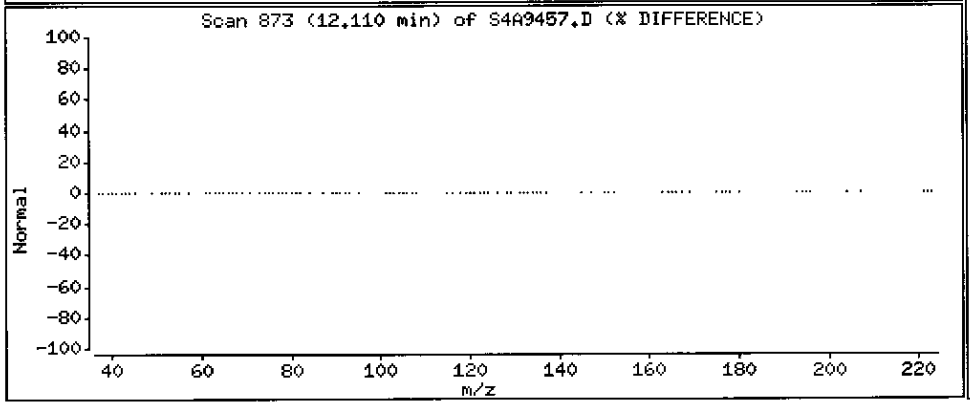
Column phase: DB-5MS Column diameter: 0.25

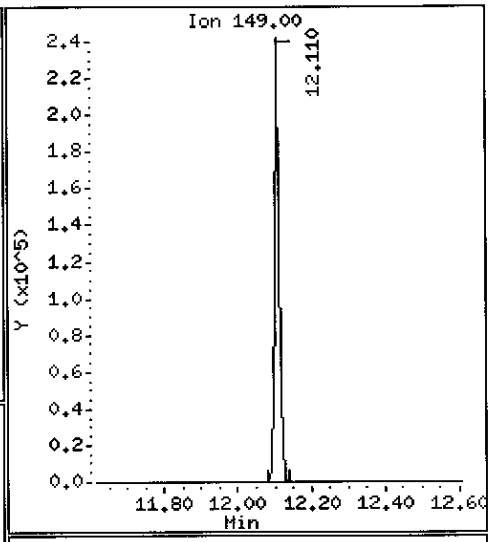
47 Diethylphthalate Concentration: 1900 ug/Kg

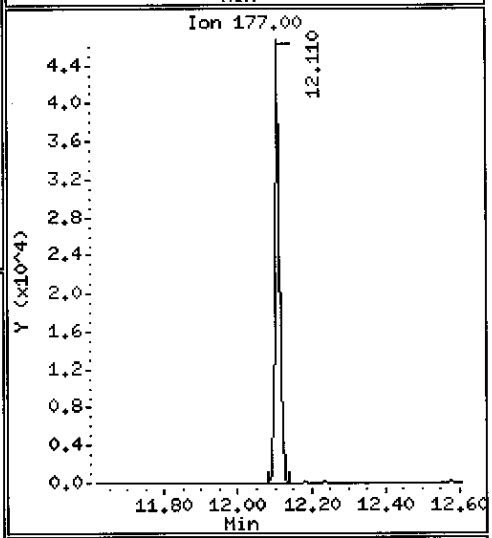


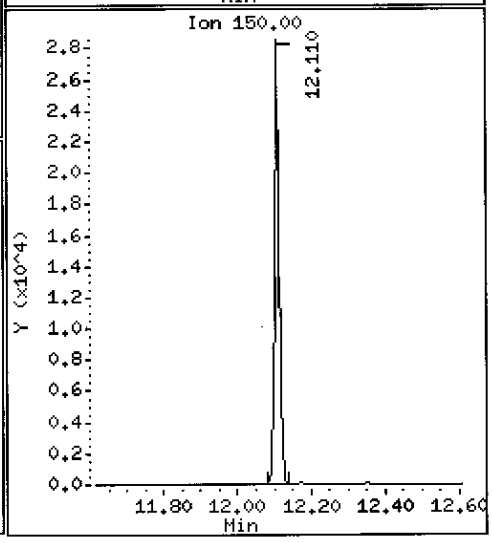












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Date : 25-AUG-2005 13:08

Client ID: SD10-S-O

Instrument: S4.i

Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0

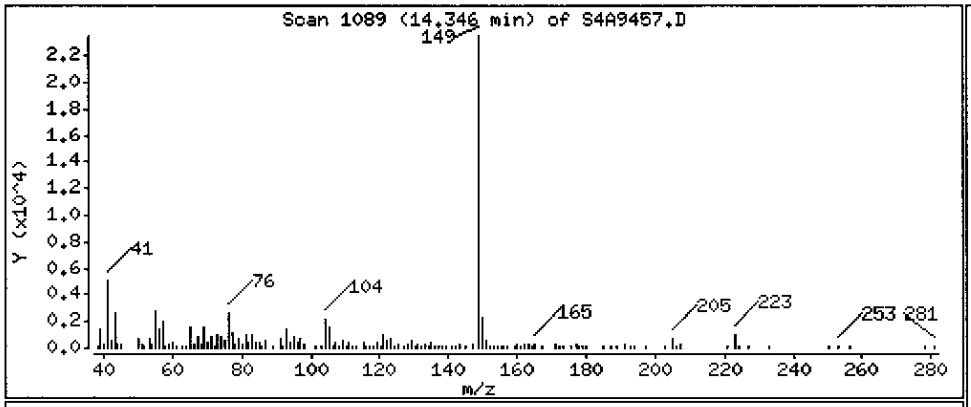
Operator: AW SRC: LIMS

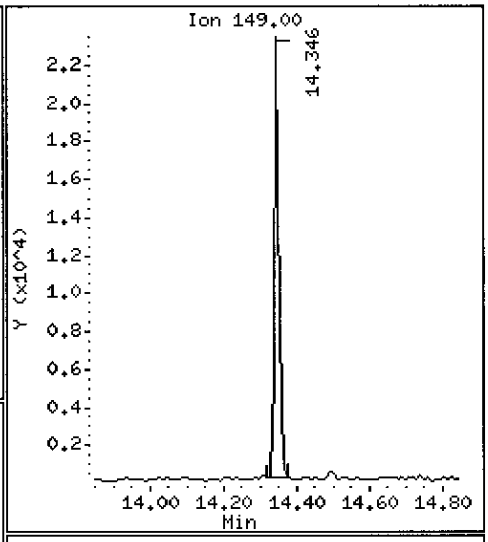
Column phase: DB-5MS

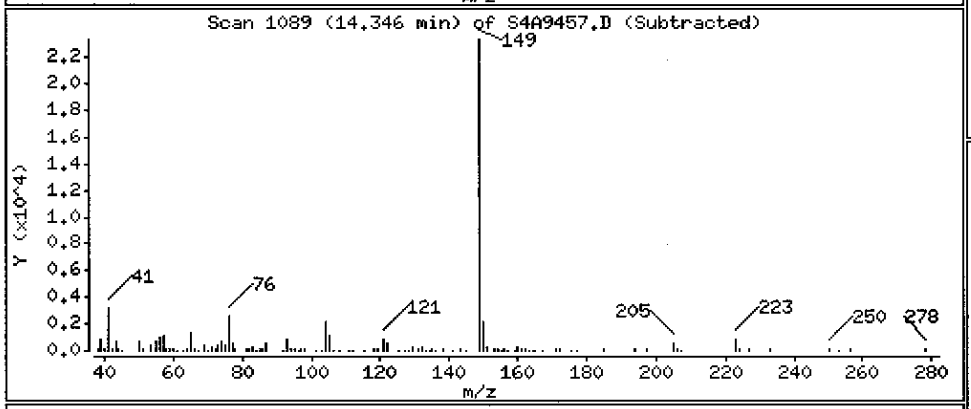
Column diameter: 0.25

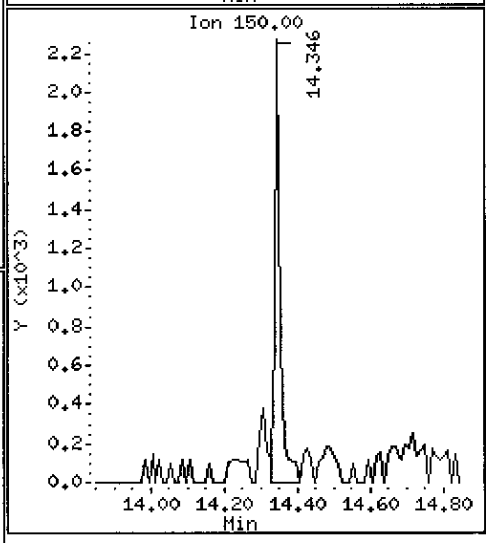
62 Di-n-butylphthalate

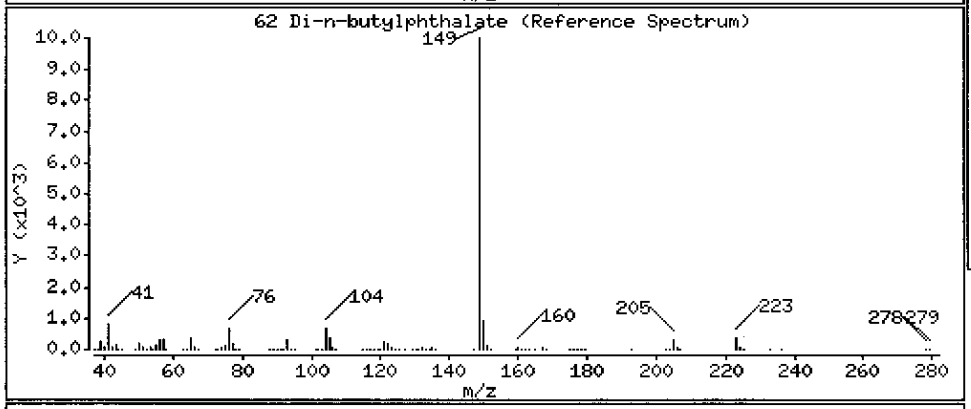
Concentration: 120 ug/Kg

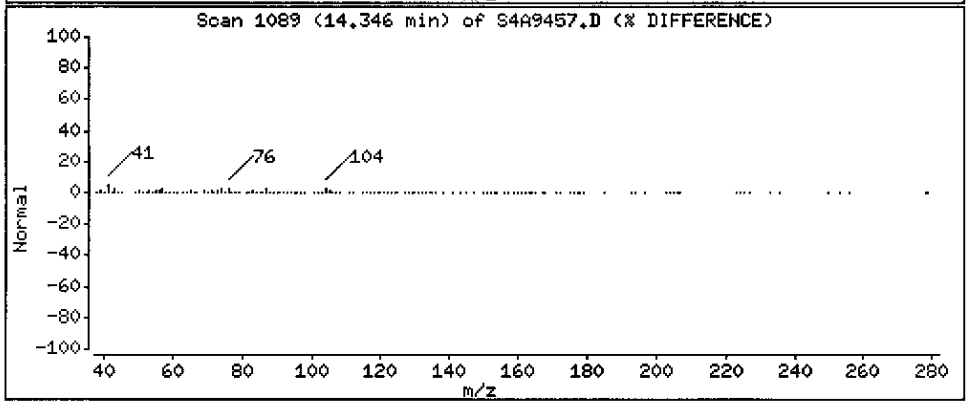












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9457.D

Date : 25-AUG-2005 13:08

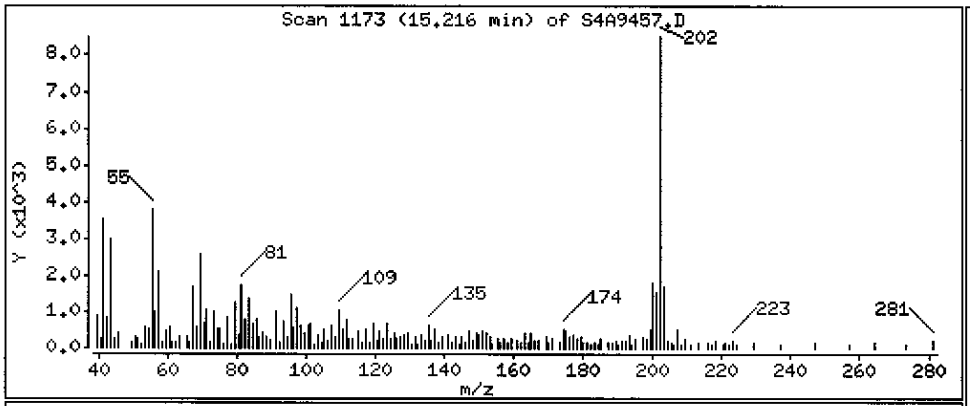
Client ID: SD10-S-0 Instrument: S4.i

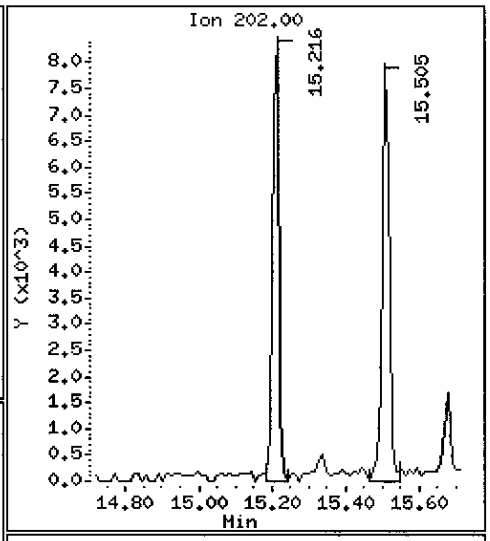
Sample Info: D0926-12A,,19468,,

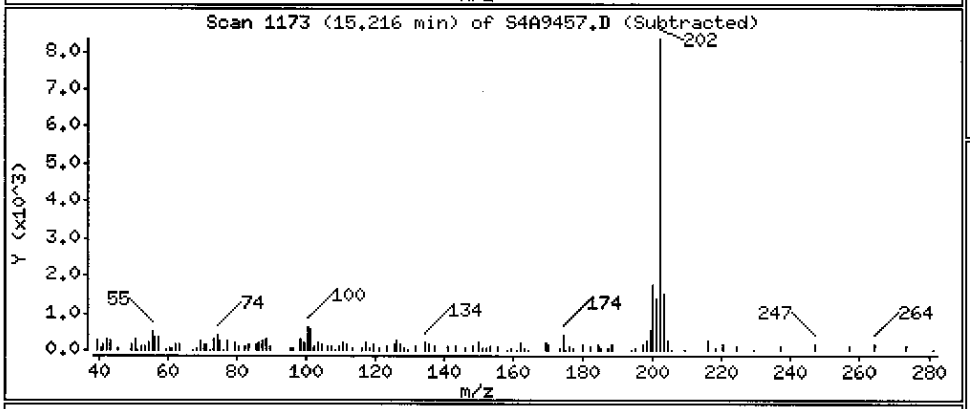
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

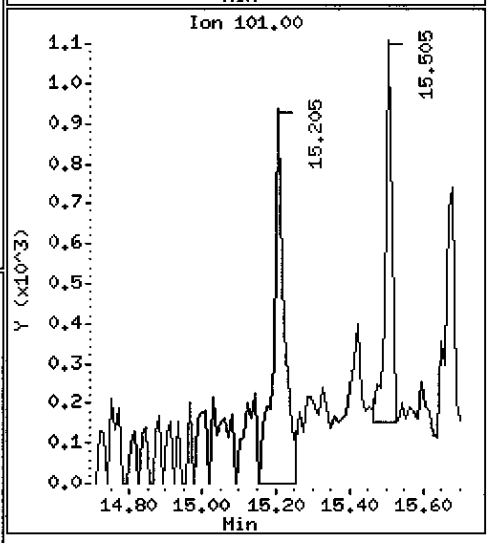
Column phase: DB-5MS Column diameter: 0.25

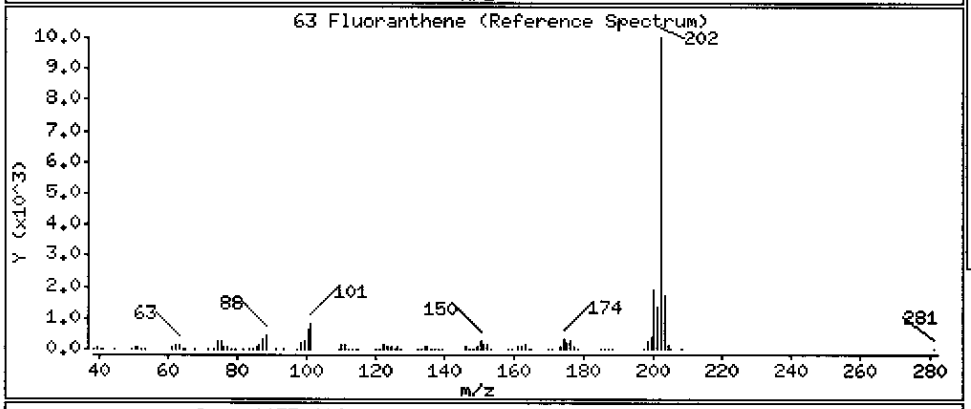
63 Fluoranthene Concentration: 72 ug/Kg

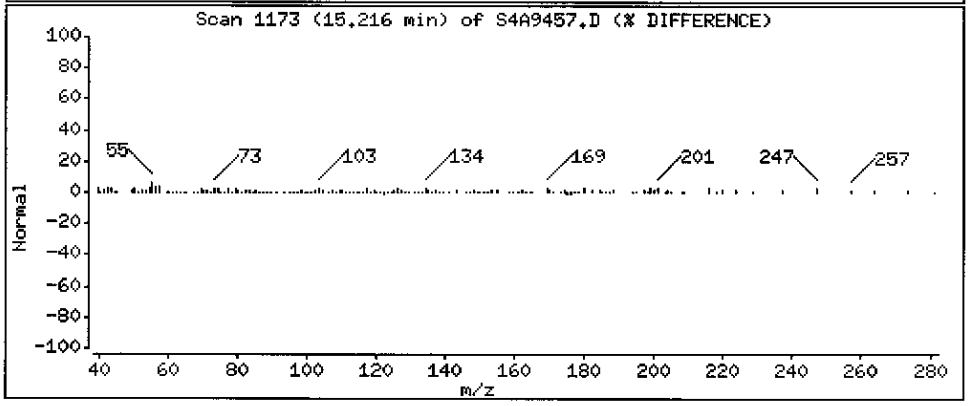












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9457.D

Date : 25-AUG-2005 13:08

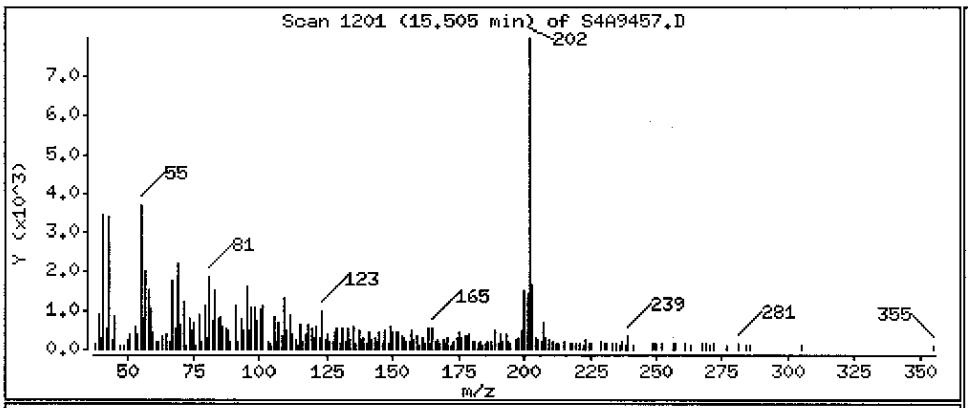
Client ID: SD10-S-0 Instrument: S4.i

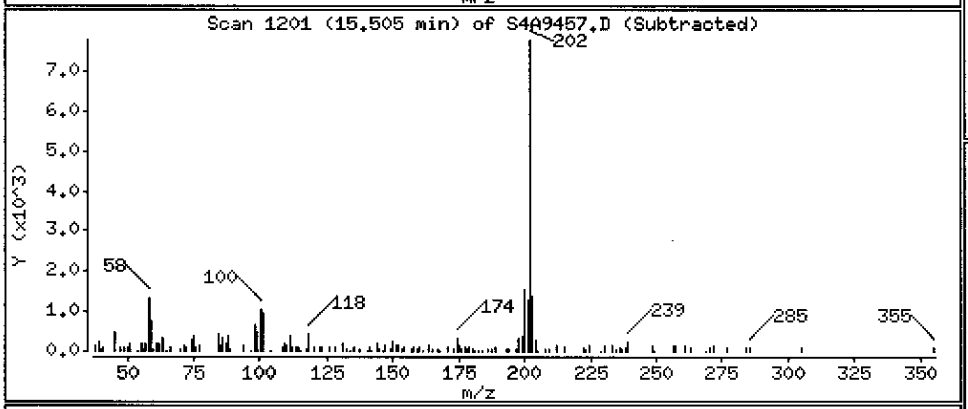
Sample Info: D0926-12A,,19468,,

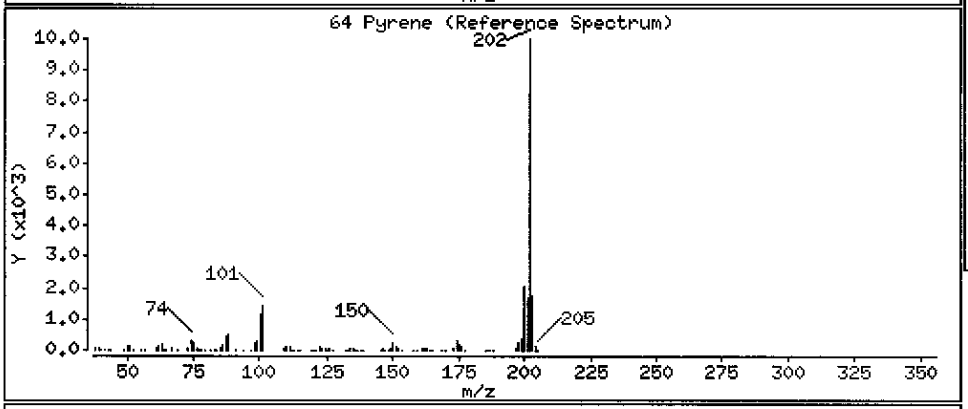
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

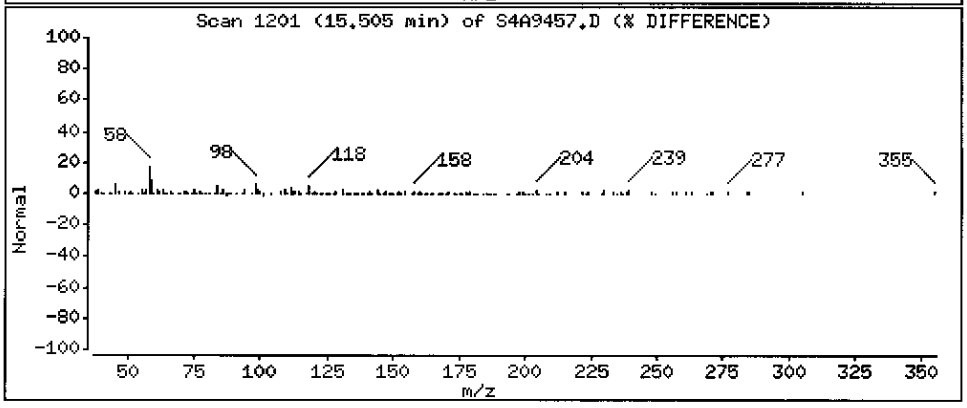
Column phase: DB-5MS Column diameter: 0.25

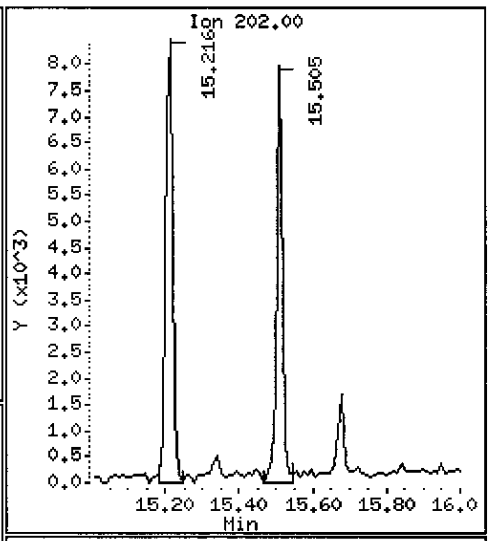
64 Pyrene Concentration: 71 ug/Kg

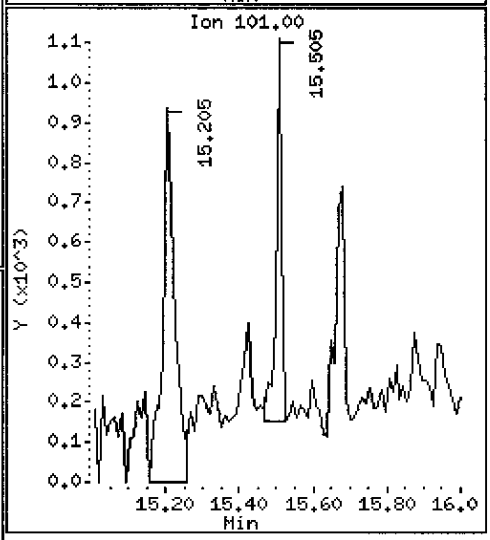












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9457.D

Date : 25-AUG-2005 13:08

Client ID: SD10-S-O

Instrument: S4.i

Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0

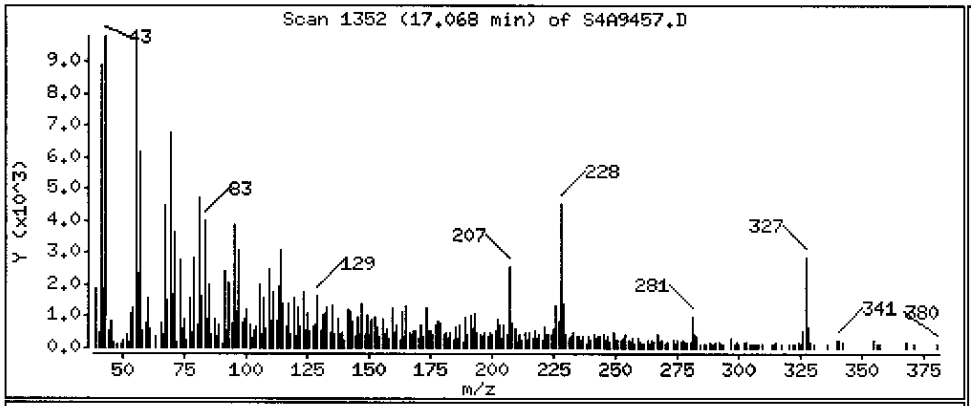
Operator: AW SRC: LIMS

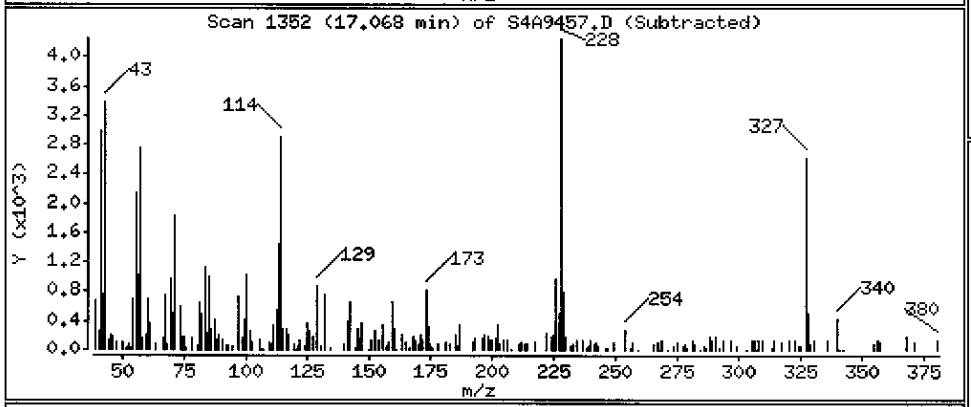
Column phase: DB-5MS

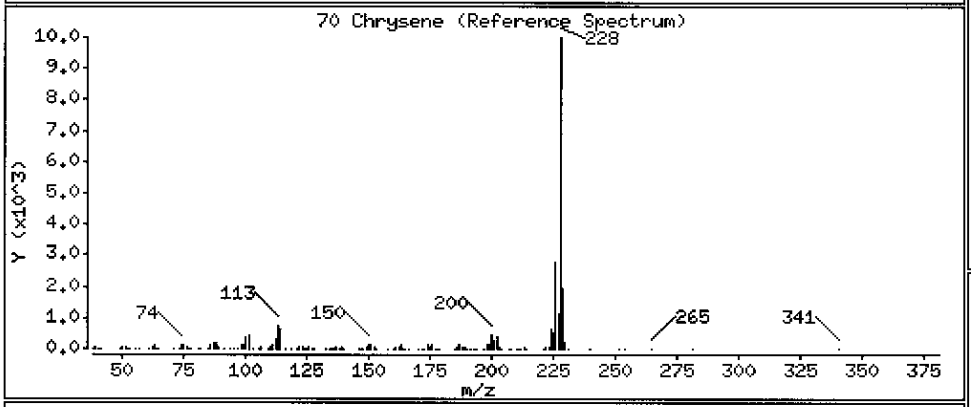
Column diameter: 0.25

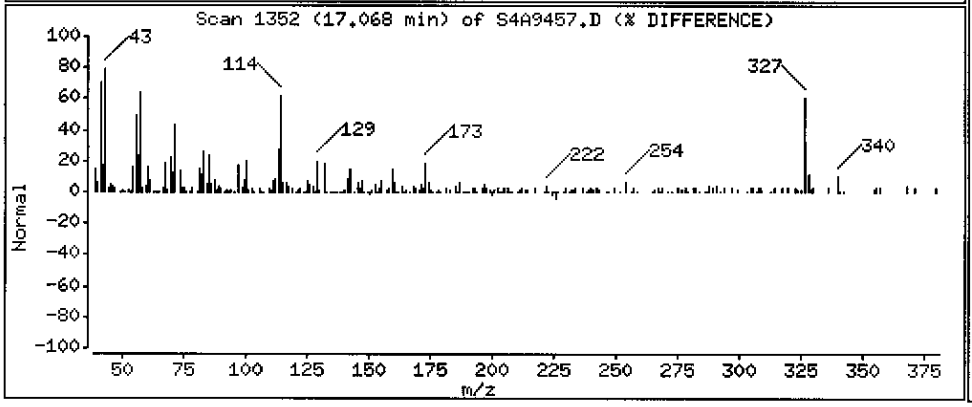
70 Chrysene

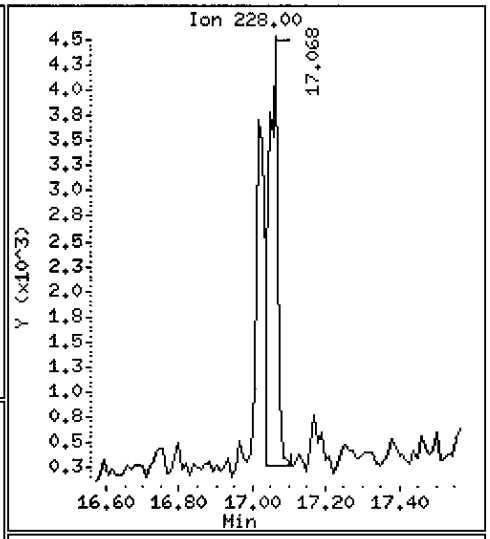
Concentration: 69 ug/Kg

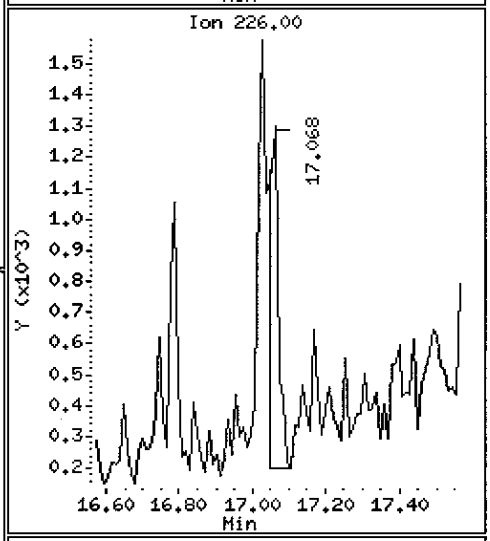


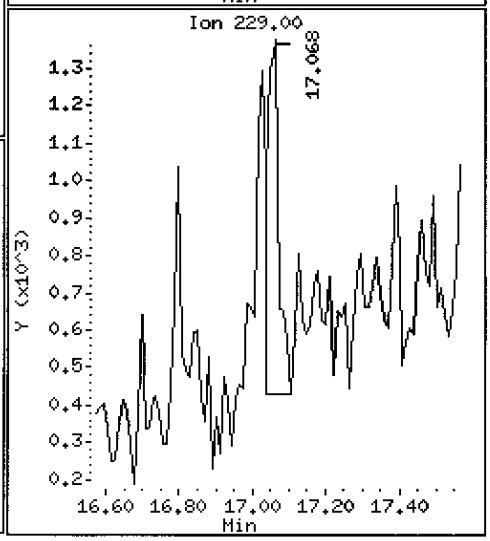












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9457.D

Date : 25-AUG-2005 13:08

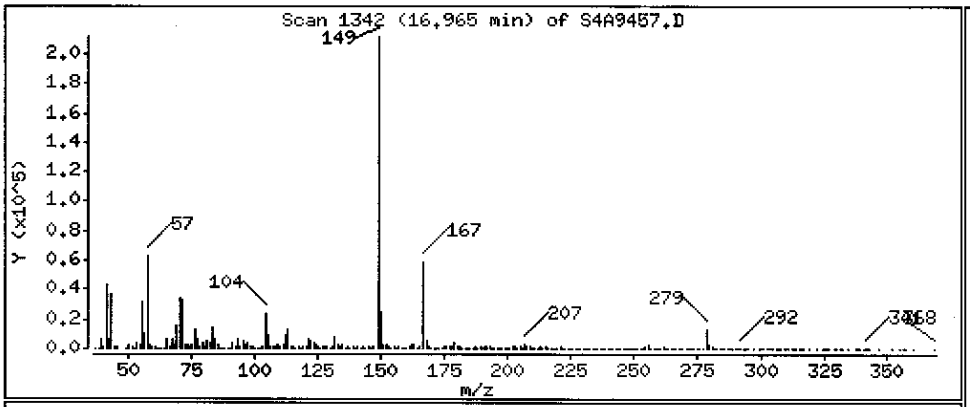
Client ID: SD10-S-0 Instrument: S4.i

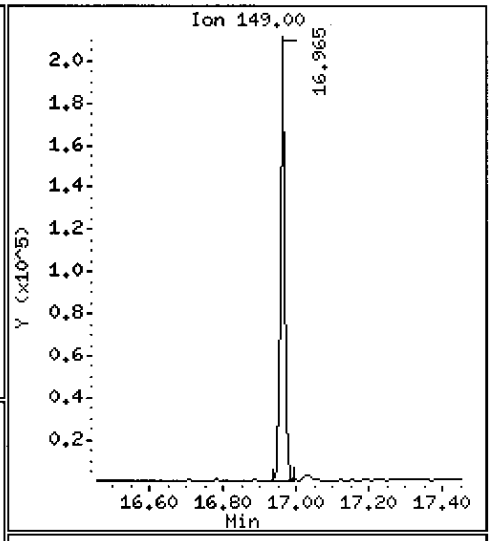
Sample Info: D0926-12A,,19468,,

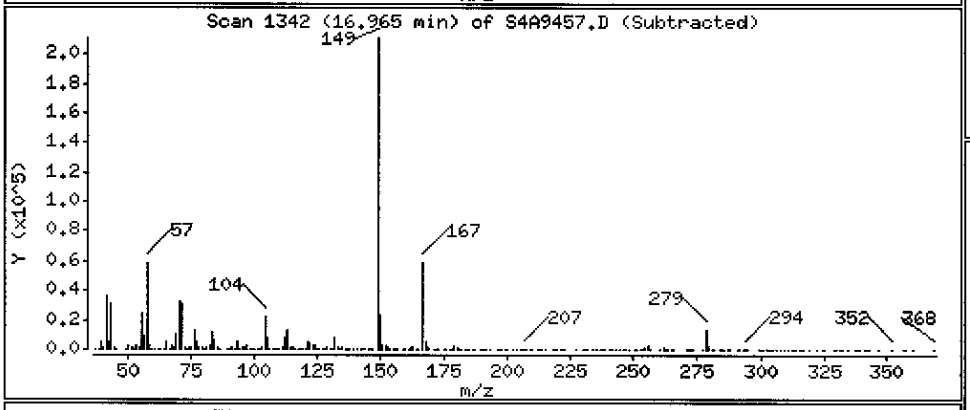
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

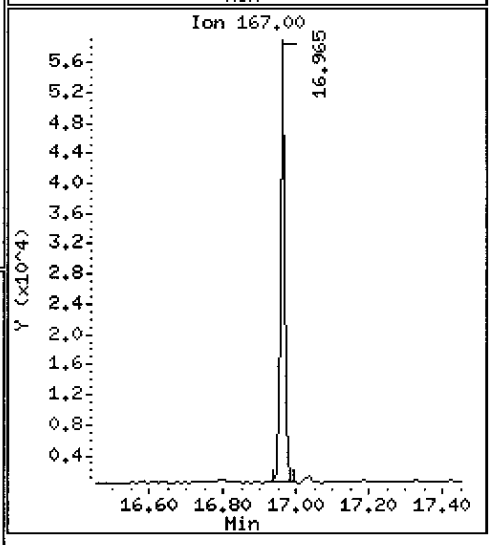
Column phase: DB-5MS Column diameter: 0.25

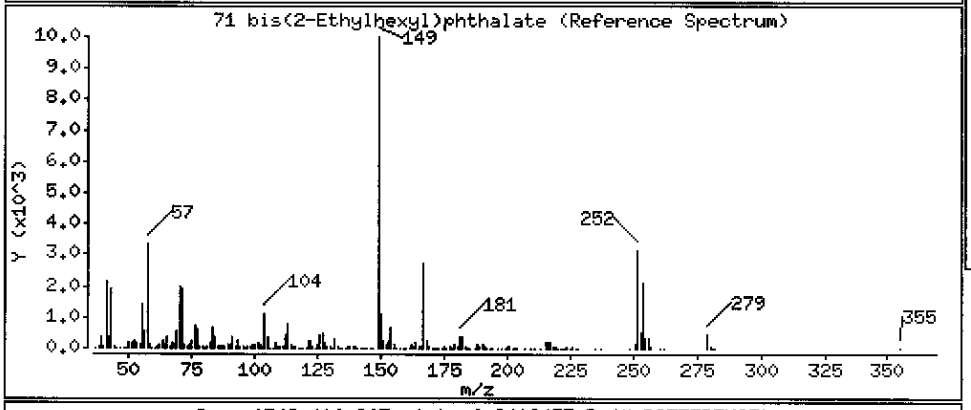
71 bis(2-Ethylhexyl)phthalate Concentration: 1900 ug/Kg

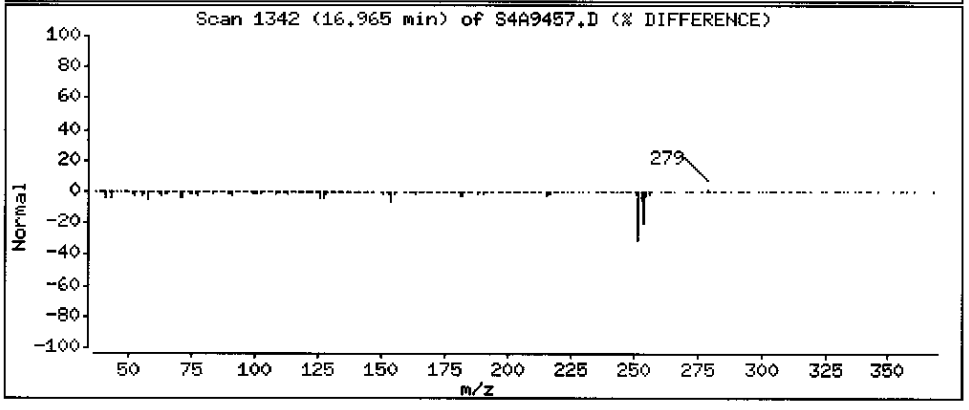












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9457.D

Date : 25-AUG-2005 13:08

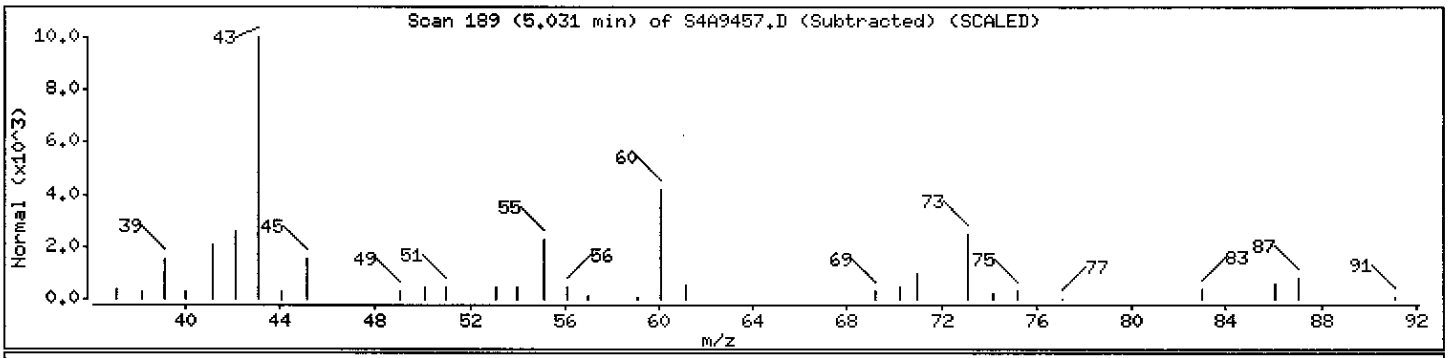
Client ID: SD10-S-0 Instrument: S4.i

Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9457.D

Date : 25-AUG-2005 13:08

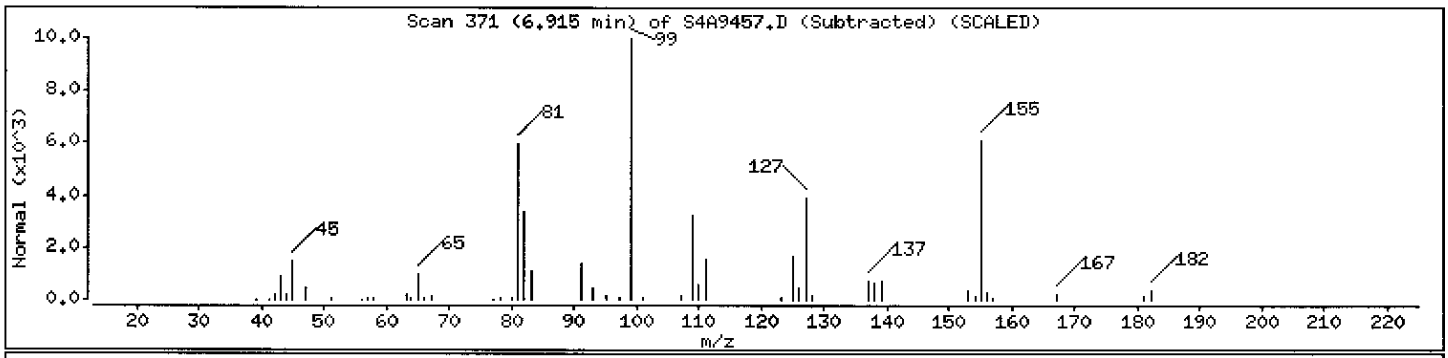
Client ID: SD10-S-0 Instrument: S4.i

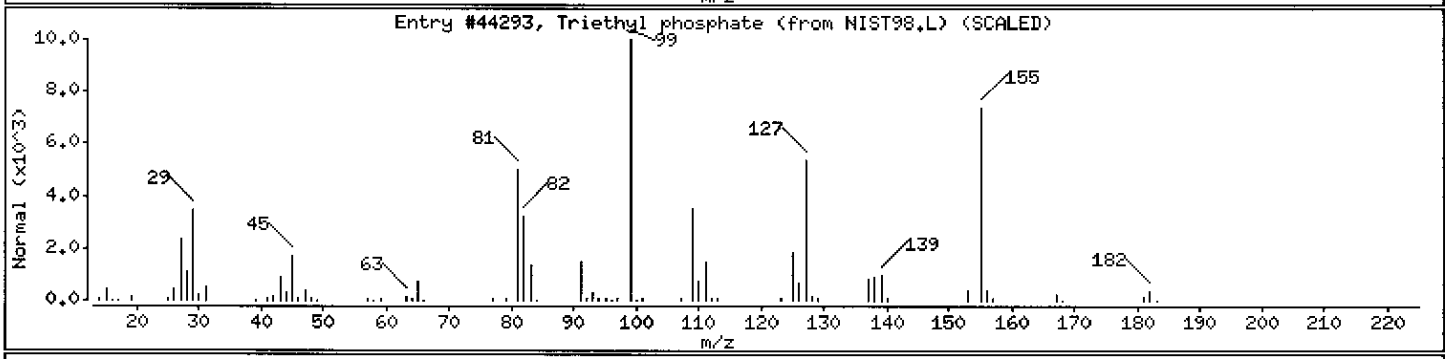
Sample Info: D0926-12A,,19468,,

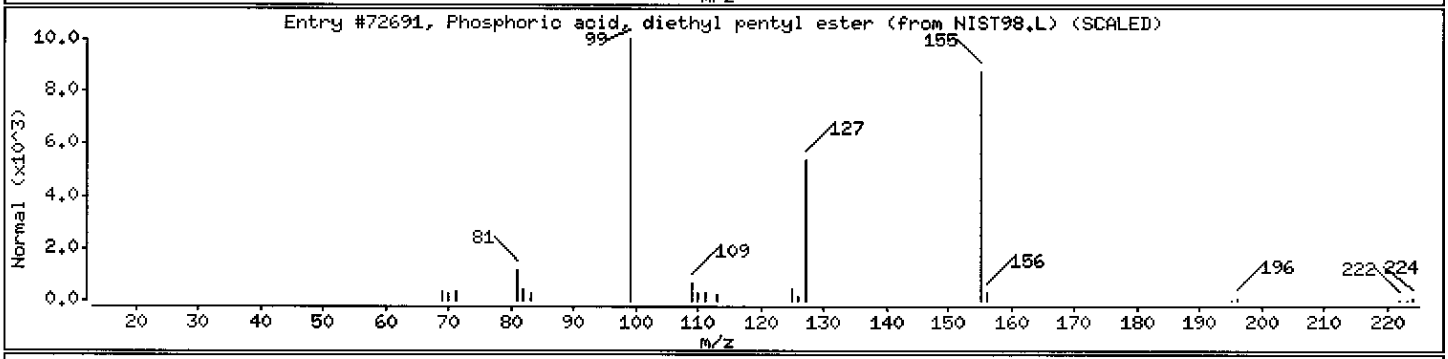
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Triethyl phosphate	78-40-0	NIST98.L	44293	96	C6H15O4P	182
Phosphoric acid, diethyl pentyl ester	20195-08-8	NIST98.L	72691	45	C9H21O4P	224







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Date : 25-AUG-2005 13:08

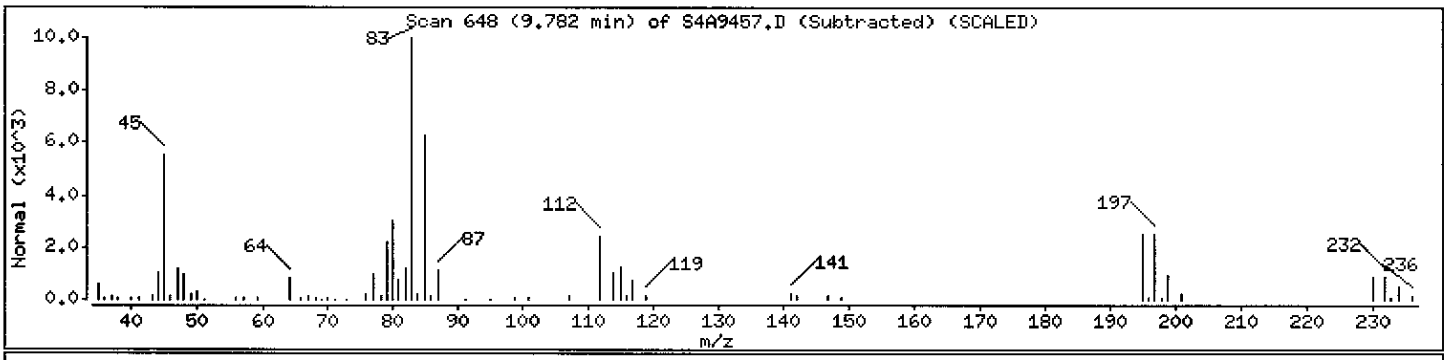
Client ID: SD10-S-0 Instrument: S4.i

Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 13:08

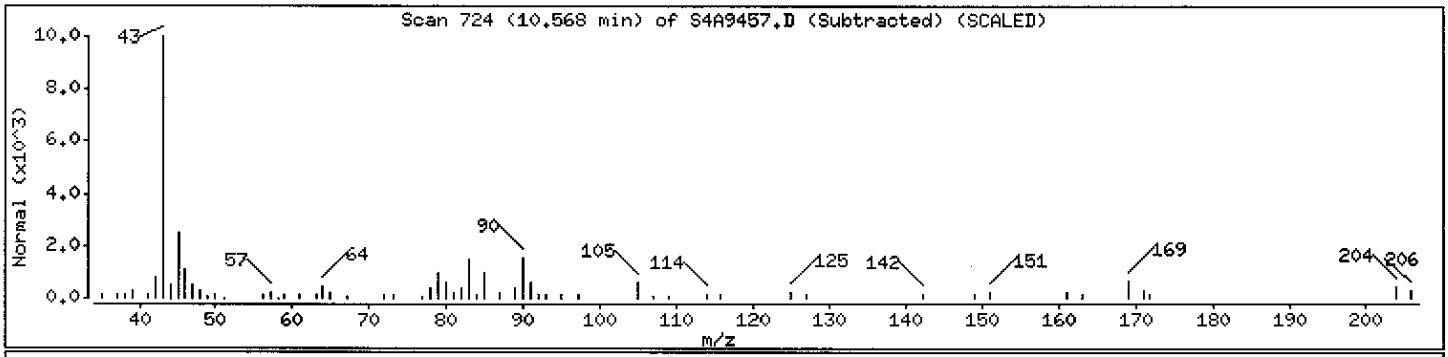
Client ID: SD10-S-0 Instrument: S4.i

Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9457.D

Date : 25-AUG-2005 13:08

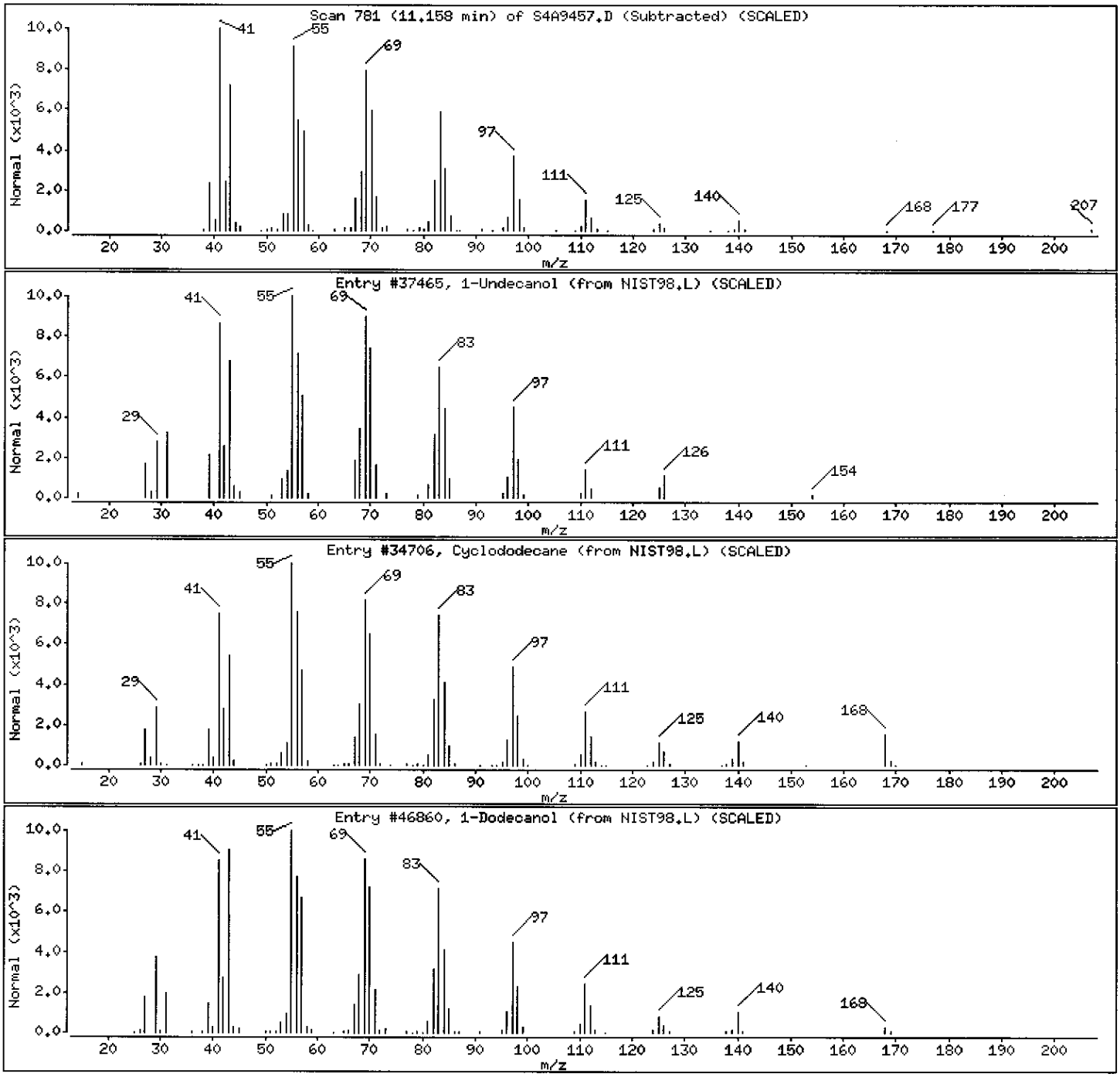
Client ID: SD10-S-0 Instrument: S4.i

Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Undecanol	112-42-5	NIST98.L	37465	91	C11H24O	172
Cyclododecane	294-62-2	NIST98.L	34706	91	C12H24	168
1-Dodecanol	112-53-8	NIST98.L	46860	91	C12H26O	186



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9457.D

Date : 25-AUG-2005 13:08

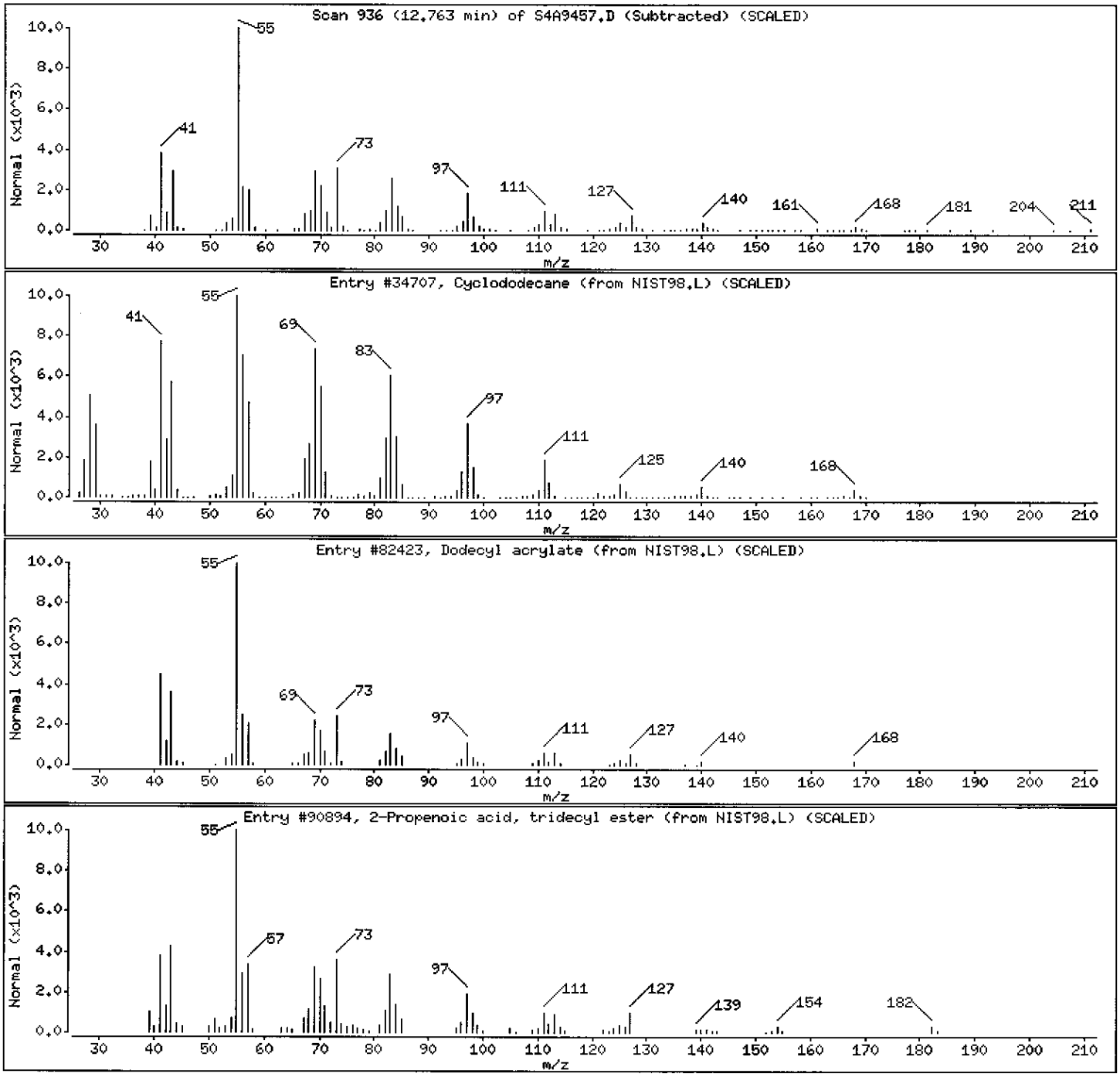
Client ID: SD10-S-0 Instrument: S4.i

Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34707	92	C12H24	168
Dodecyl acrylate	2156-97-0	NIST98.L	82423	91	C15H2802	240
2-Propenoic acid, tridecyl ester	3076-04-8	NIST98.L	90894	87	C16H3002	254



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Date : 25-AUG-2005 13:08

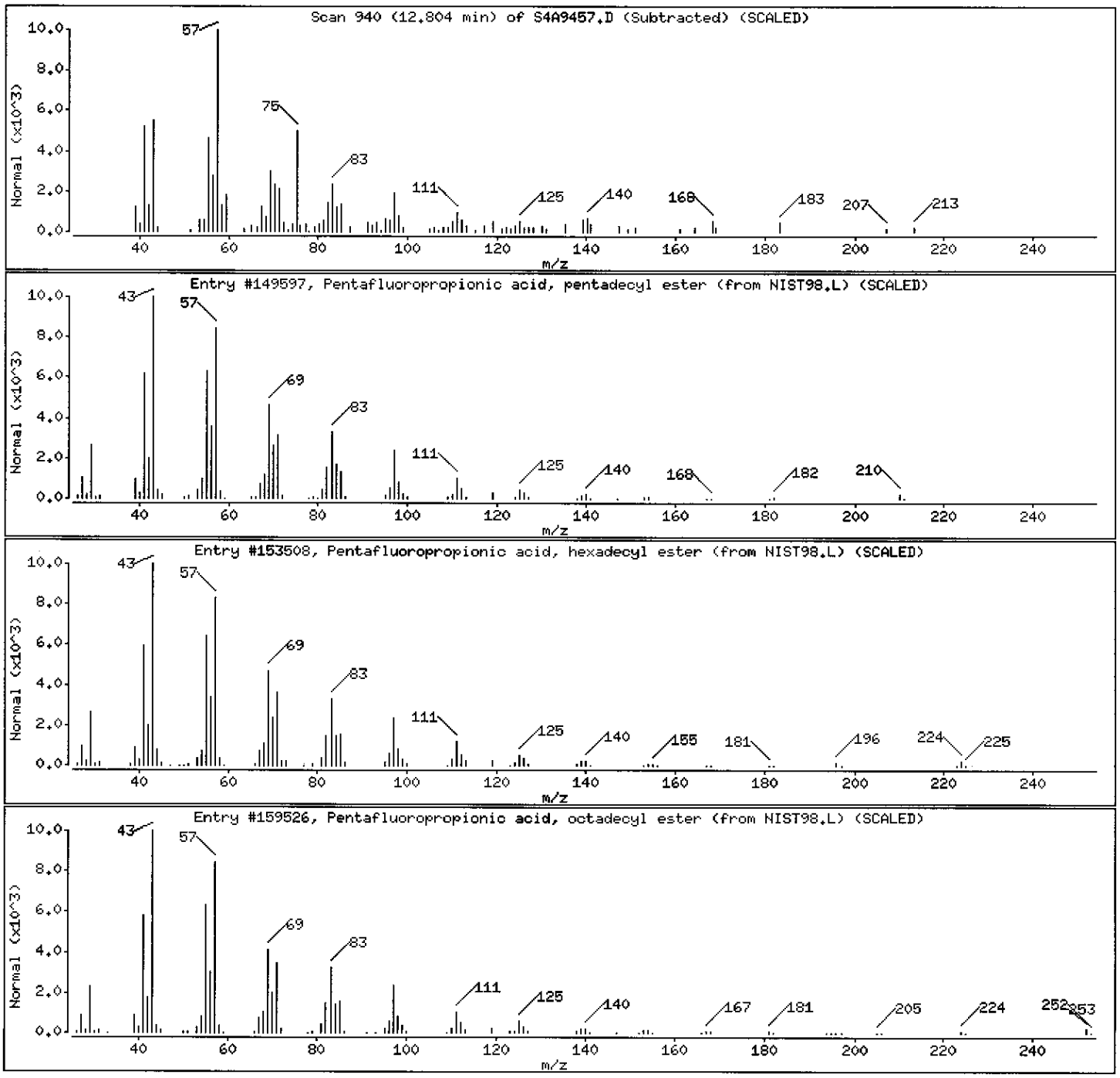
Client ID: SD10-S-0 Instrument: S4.i

Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Pentafluoropropionic acid, pentadecyl es	1000280-07-5	NIST98.L	149597	55	C18H31F5O2	374
Pentafluoropropionic acid, hexadecyl est	6222-07-7	NIST98.L	153508	55	C19H33F5O2	388
Pentafluoropropionic acid, octadecyl est	1000280-07-7	NIST98.L	159526	55	C21H37F5O2	416



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Date : 25-AUG-2005 13:08

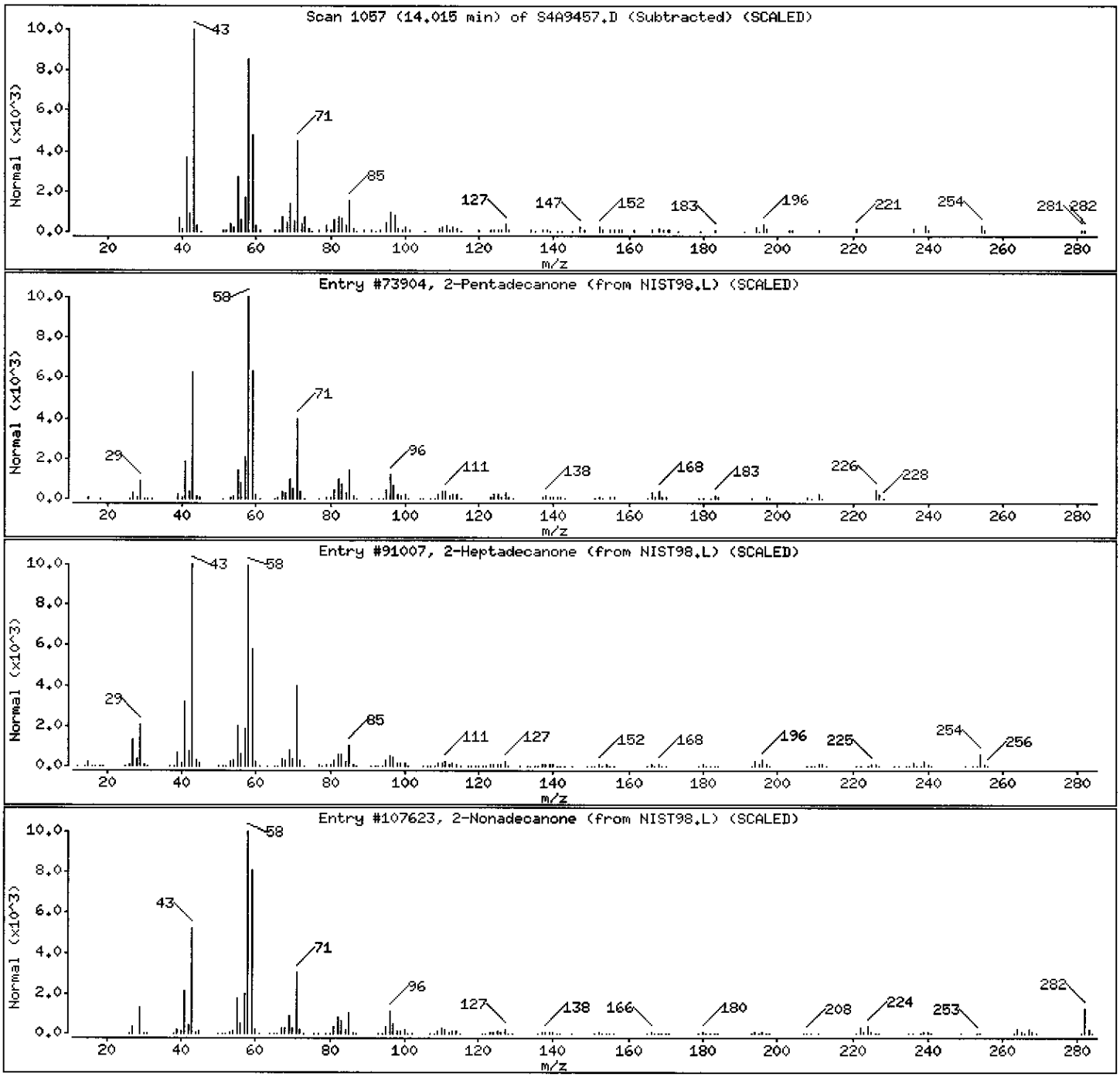
Client ID: SD10-S-0 Instrument: S4.i

Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Pentadecanone	2345-28-0	NIST98.L	73904	78	C15H30O	226
2-Heptadecanone	2922-51-2	NIST98.L	91007	72	C17H34O	254
2-Nonadecanone	629-66-3	NIST98.L	107623	59	C19H38O	282



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Date : 25-AUG-2005 13:08

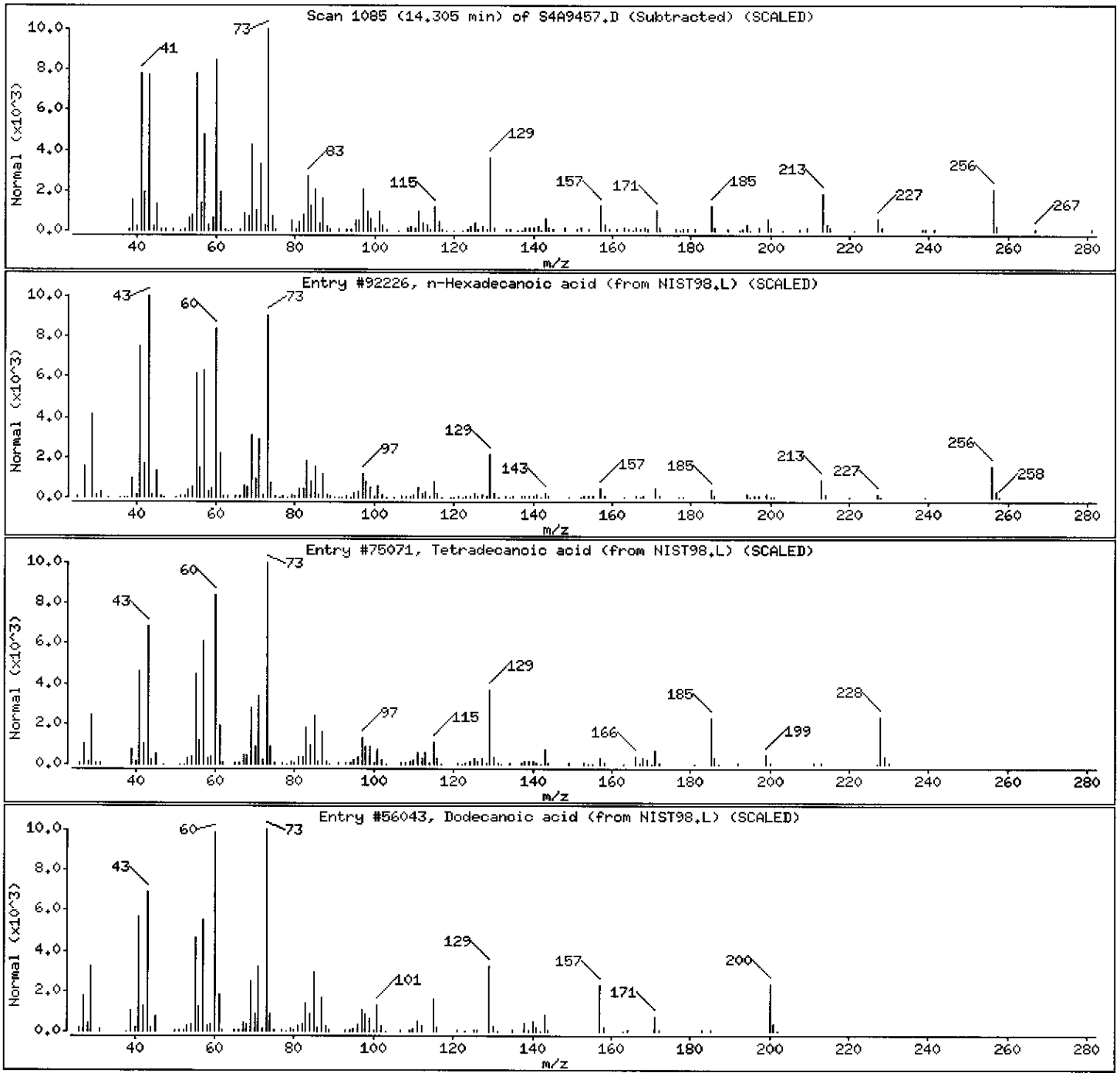
Client ID: SD10-S-0 Instrument: S4.i

Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
n-Hexadecanoic acid	57-10-3	NIST98.L	92226	96	C16H3202	256
Tetradecanoic acid	544-63-8	NIST98.L	75071	89	C14H2802	228
Dodecanoic acid	143-07-7	NIST98.L	56043	62	C12H2402	200



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Date : 25-AUG-2005 13:08

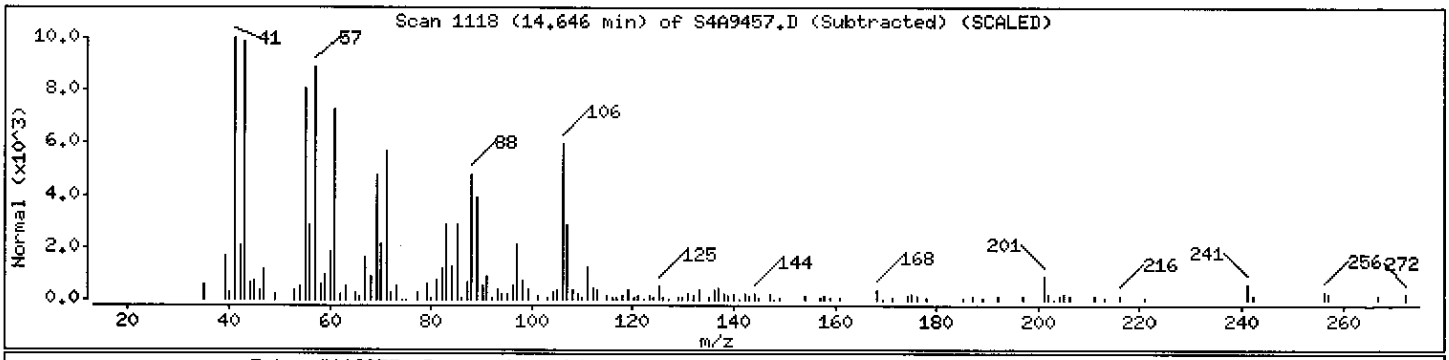
Client ID: SD10-S-0 Instrument: S4.i

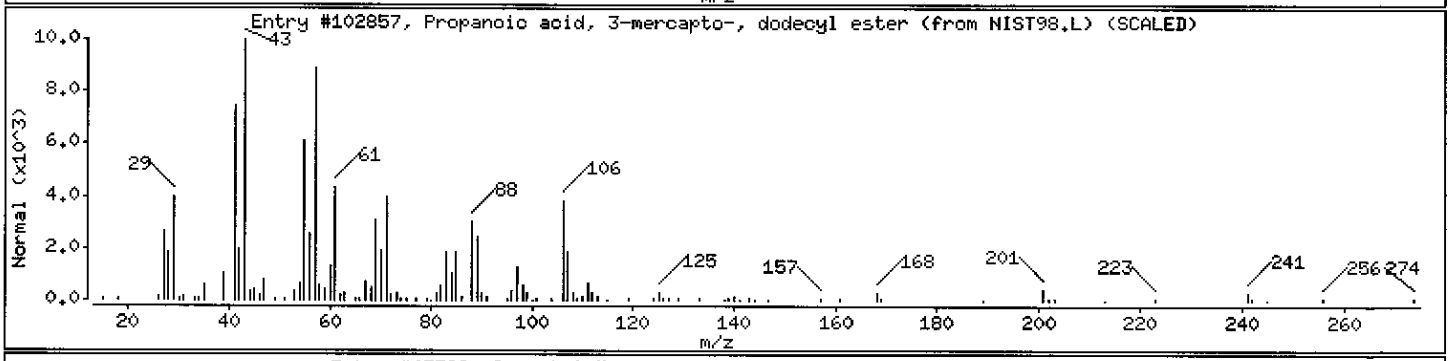
Sample Info: D0926-12A,,19468,,

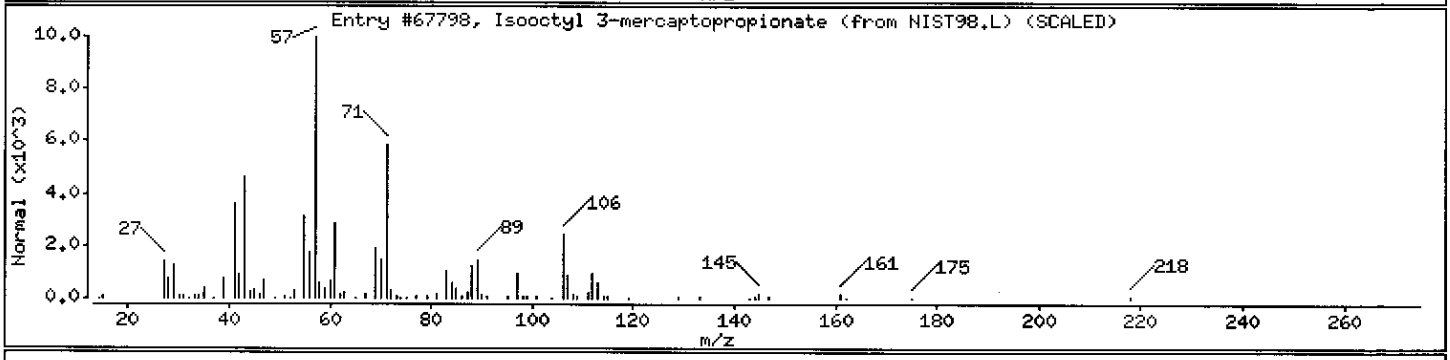
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Propanoic acid, 3-mercapto-, dodecyl est	6380-71-8	NIST98.L	102857	91	C15H30O2S	274
Isooctyl 3-mercaptopropionate	30374-01-7	NIST98.L	67798	53	C11H22O2S	218







Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9457.D

Date : 25-AUG-2005 13:08

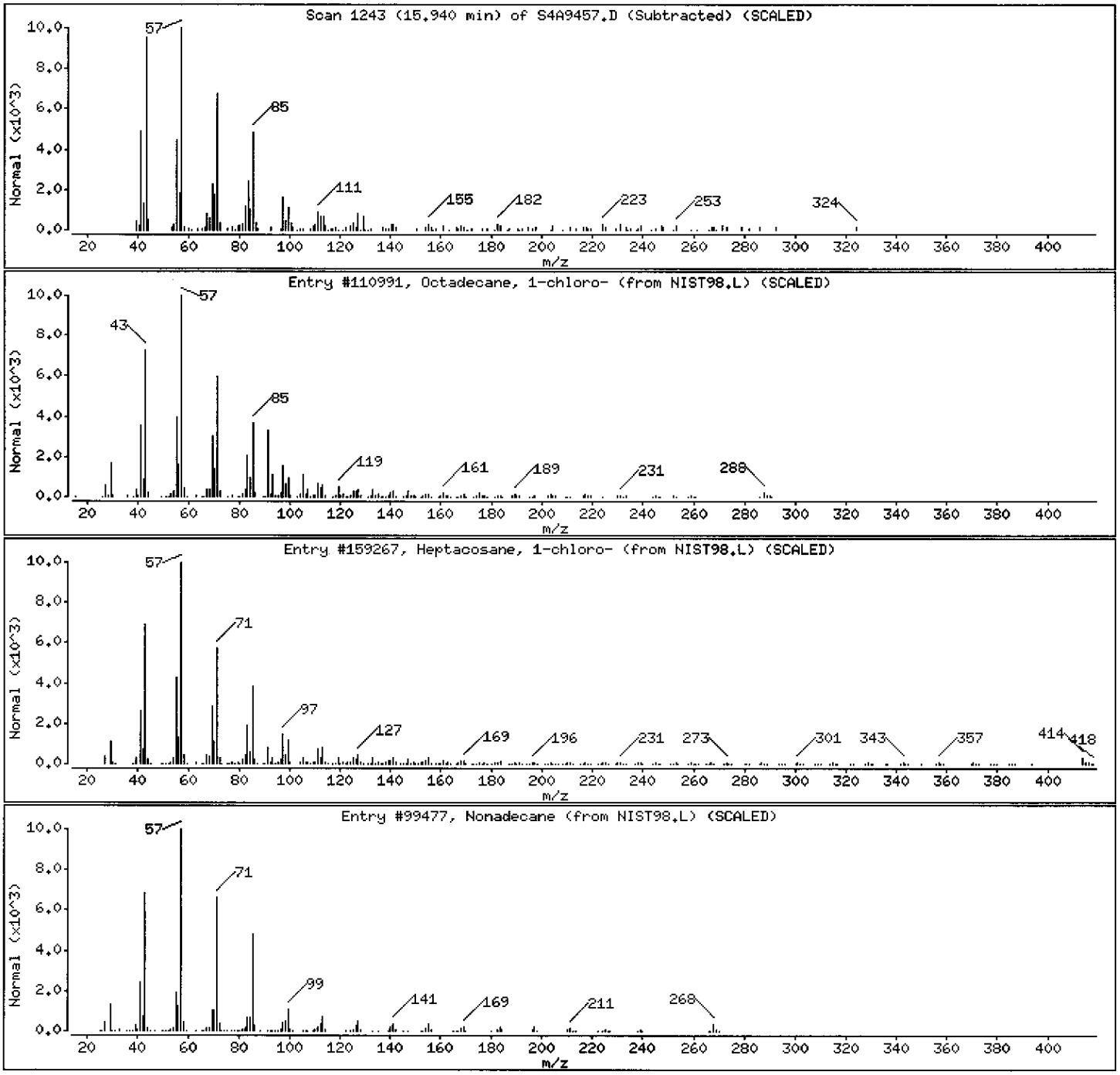
Client ID: SD10-S-0 Instrument: S4.i

Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Octadecane, 1-chloro-	3386-33-2	NIST98.L	110991	91	C18H37Cl	288
Heptacosane, 1-chloro-	62016-79-9	NIST98.L	159267	91	C27H55Cl	414
Nonadecane	629-92-5	NIST98.L	99477	81	C19H40	268



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9457.D

Date : 25-AUG-2005 13:08

Client ID: SD10-S-O

Instrument: S4.i

Sample Info: D0926-12A,,19468,,

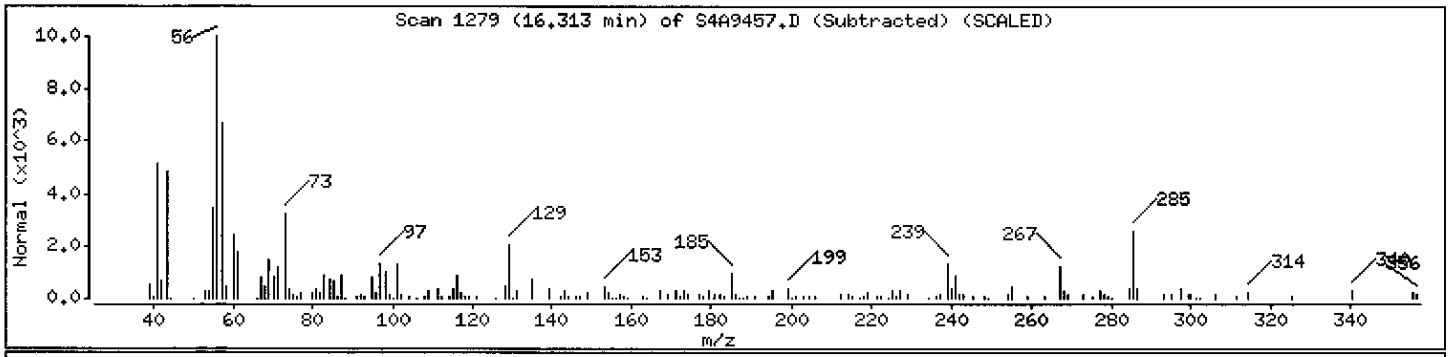
Volume Injected (uL): 2.0

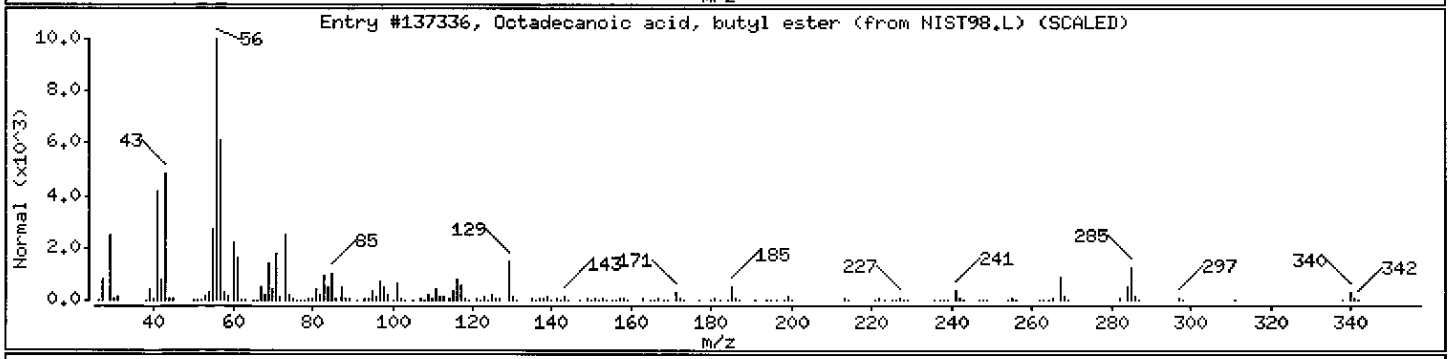
Operator: AW SRC: LIMS

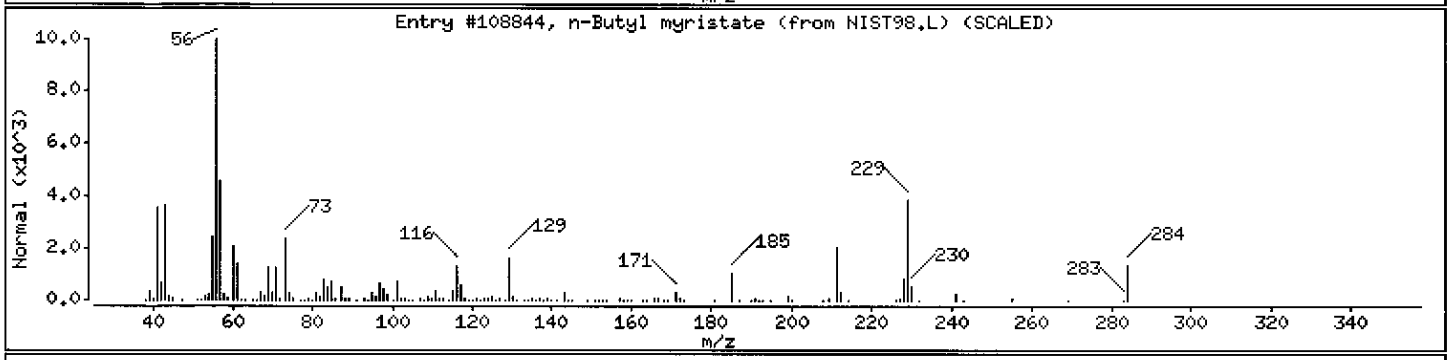
Column phase: DB-5MS

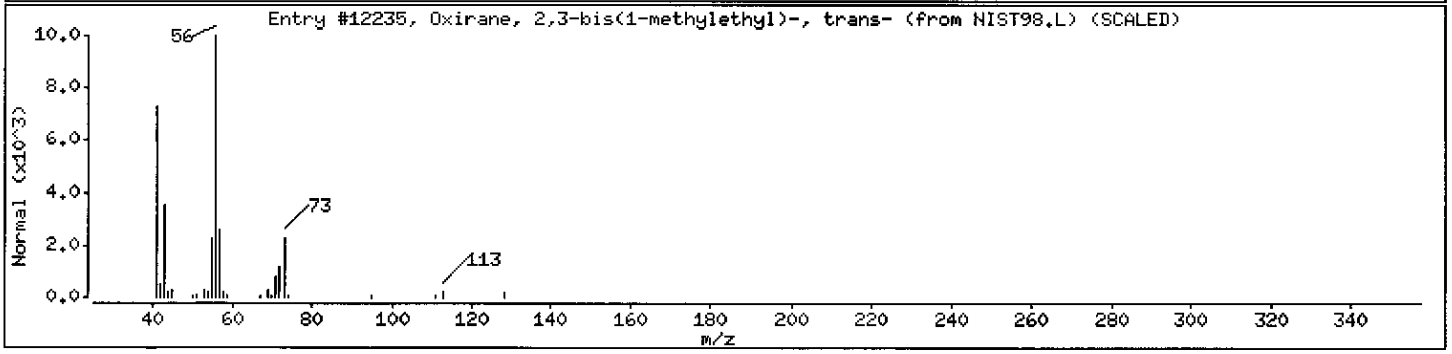
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octadecanoic acid, butyl ester	123-95-5	NIST98.L	137336	91	C22H4402	340
n-Butyl myristate	110-36-1	NIST98.L	108844	53	C18H3602	284
Oxirane, 2,3-bis(1-methylethyl)-, trans-	54644-32-5	NIST98.L	12235	43	C8H160	128









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9457.D

Date : 25-AUG-2005 13:08

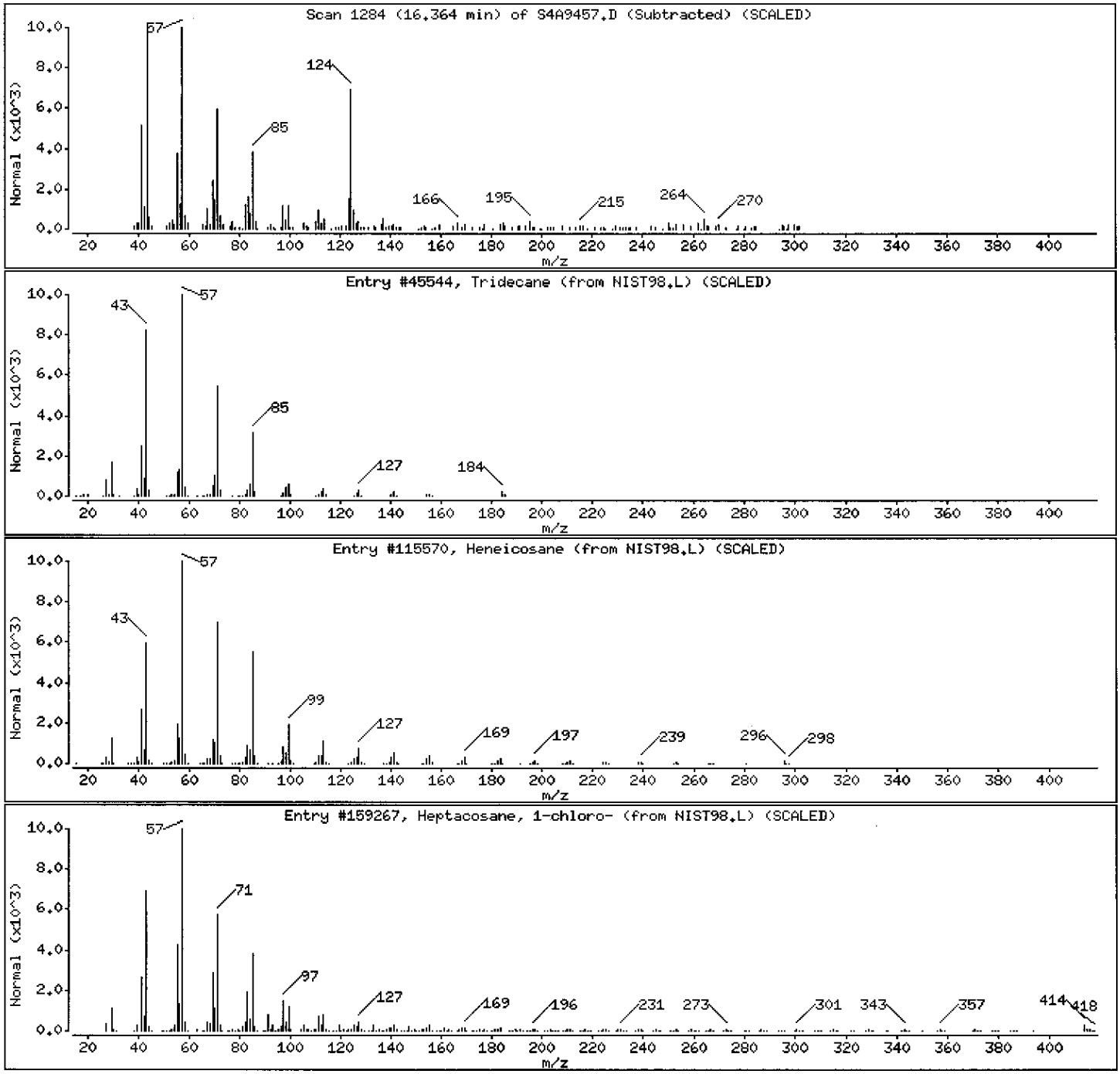
Client ID: SD10-S-0 Instrument: S4.i

Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Tridecane	629-50-5	NIST98.L	45544	91	C13H28	184
Heneicosane	629-94-7	NIST98.L	115570	78	C21H44	296
Heptacosane, 1-chloro-	62016-79-9	NIST98.L	159267	64	C27H55Cl	414



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Date : 25-AUG-2005 13:08

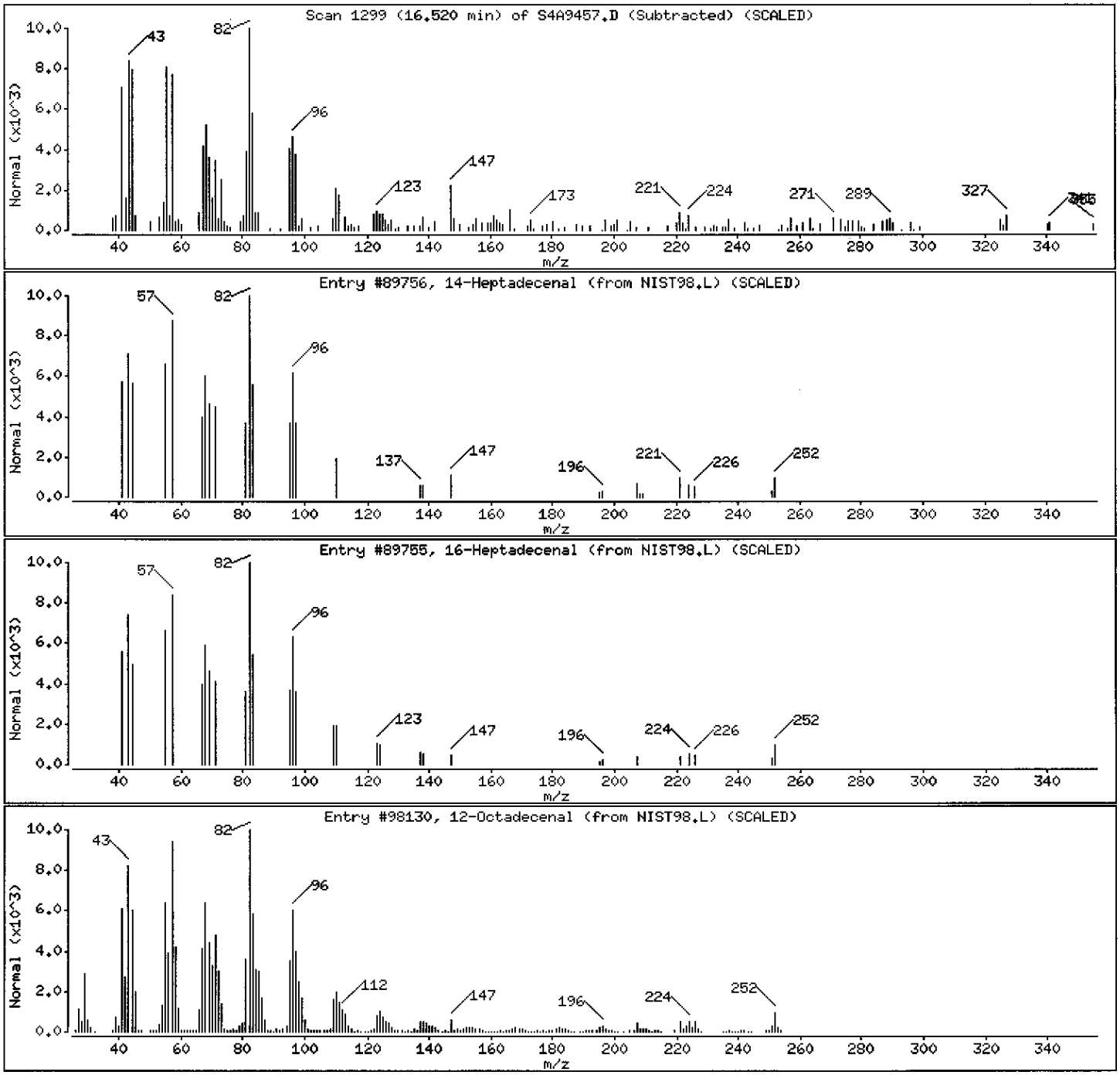
Client ID: SD10-S-0 Instrument: S4.i

Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
14-Heptadecenal	1000144-58-0	NIST98.L	89756	74	C17H320	252
16-Heptadecenal	1000144-57-9	NIST98.L	89755	68	C17H320	252
12-Octadecenal	56554-91-7	NIST98.L	98130	64	C18H340	266



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Date : 25-AUG-2005 13:08

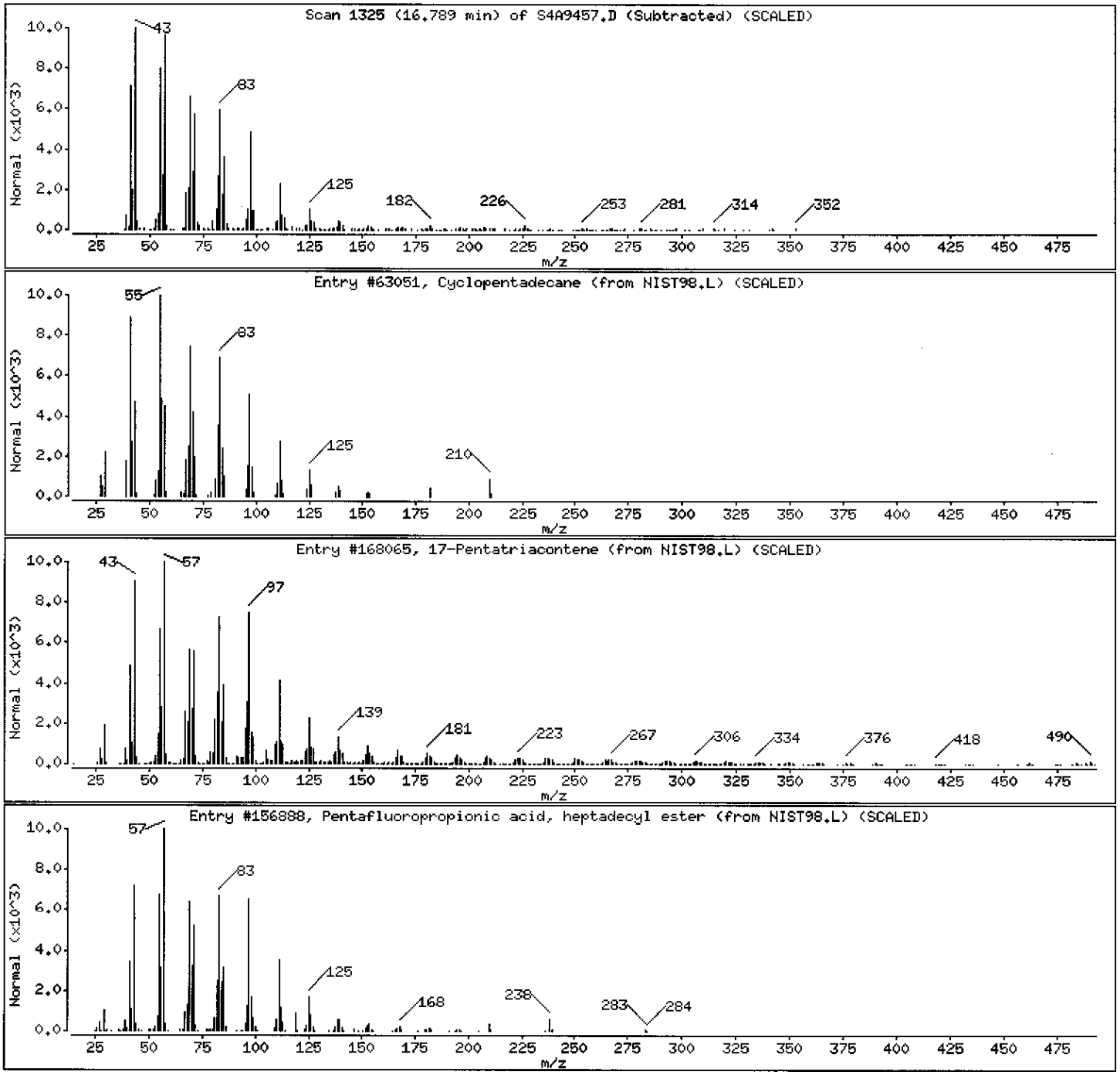
Client ID: SD10-S-0 Instrument: S4.i

Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclopentadecane	295-48-7	NIST98.L	63051	97	C15H30	210
17-Pentatriacontene	6971-40-0	NIST98.L	168065	91	C35H70	491
Pentafluoropropionic acid, heptadecyl es	1000283-04-2	NIST98.L	156888	90	C20H35F5O2	402



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Date : 25-AUG-2005 13:08

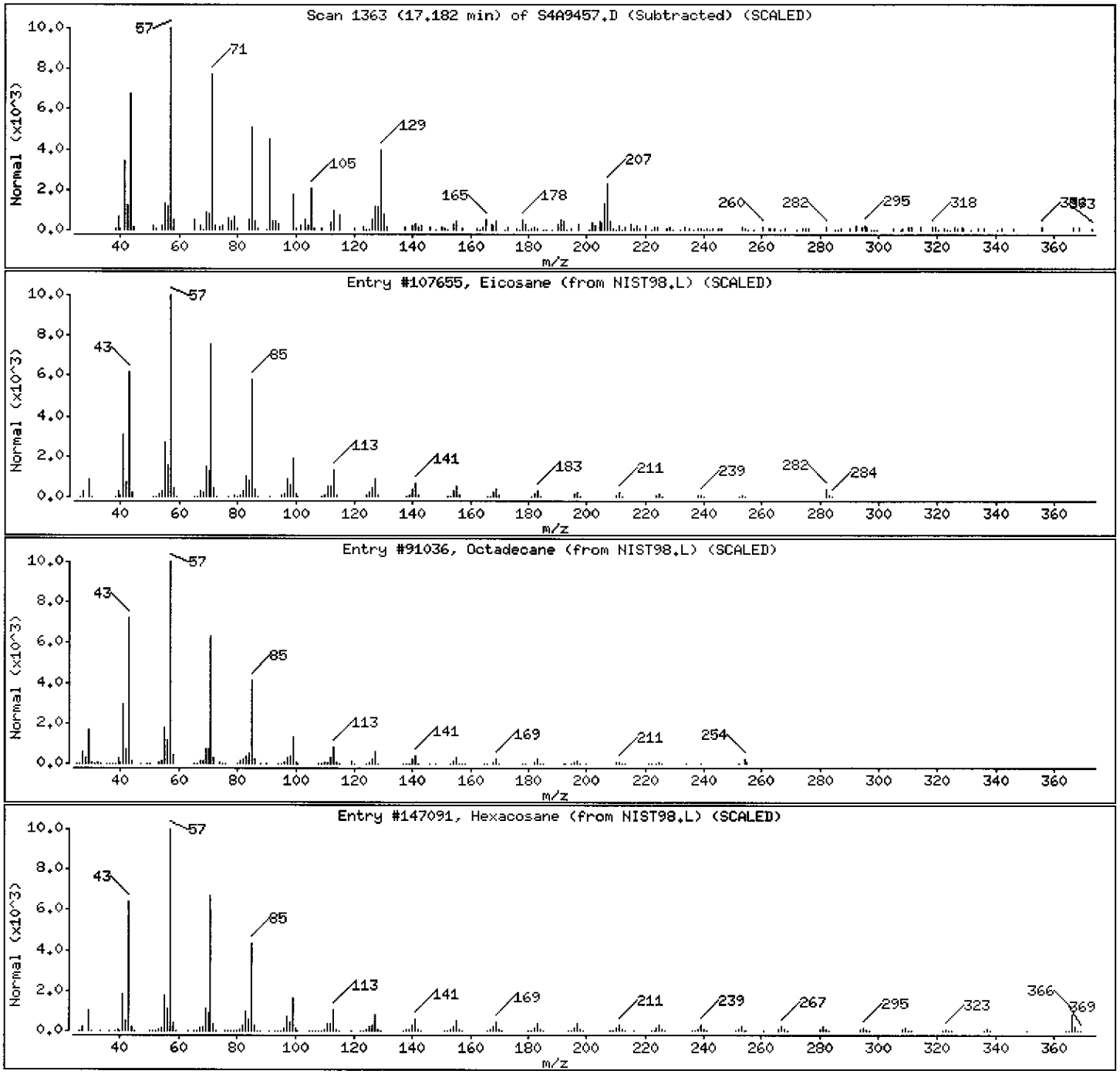
Client ID: SD10-S-0 Instrument: S4.i

Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Eicosane	112-95-8	NIST98.L	107655	60	C20H42	282
Octadecane	593-45-3	NIST98.L	91036	60	C18H38	254
Hexacosane	630-01-3	NIST98.L	147091	49	C26H54	366



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Date : 25-AUG-2005 13:08

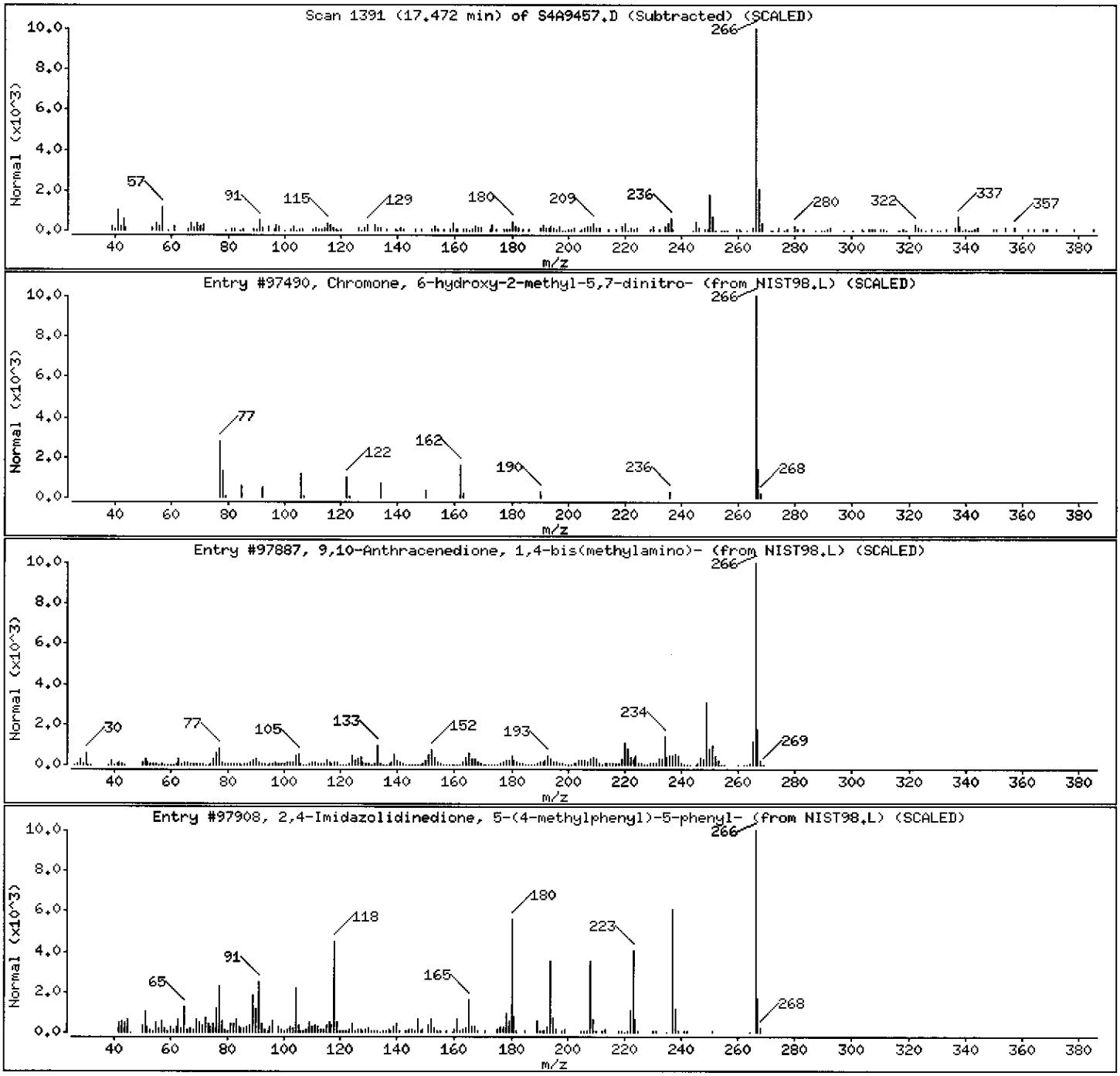
Client ID: SD10-S-0 Instrument: S4.i

Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Chromone, 6-hydroxy-2-methyl-5,7-dinitro	30253-11-3	NIST98.L	97490	64	C10H6N2O7	266
9,10-Anthracenedione, 1,4-bis(methylamin	2475-44-7	NIST98.L	97887	59	C16H14N2O2	266
2,4-Imidazolidinedione, 5-(4-methylpheny	51169-17-6	NIST98.L	97908	53	C16H14N2O2	266



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Date : 25-AUG-2005 13:08

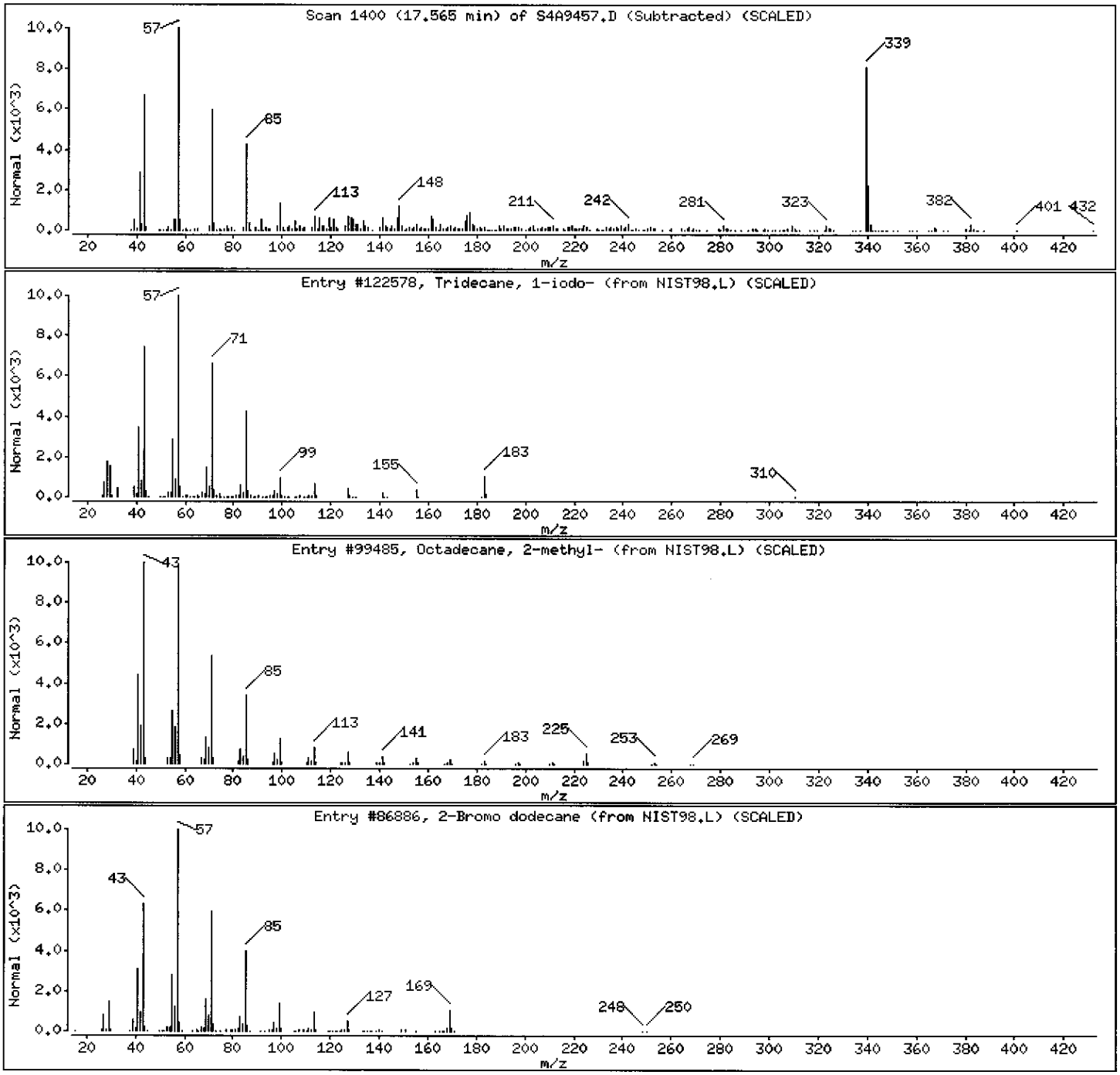
Client ID: SD10-S-0 Instrument: S4.i

Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Tridecane, 1-iodo-	35599-77-0	NIST98.L	122578	60	C13H27I	310
Octadecane, 2-methyl-	1560-88-9	NIST98.L	99485	46	C19H40	268
2-Bromo dodecane	13187-99-0	NIST98.L	86886	46	C12H25Br	248



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9457.D

Date : 25-AUG-2005 13:08

Client ID: SD10-S-O

Instrument: S4.i

Sample Info: D0926-12A,,19468,,

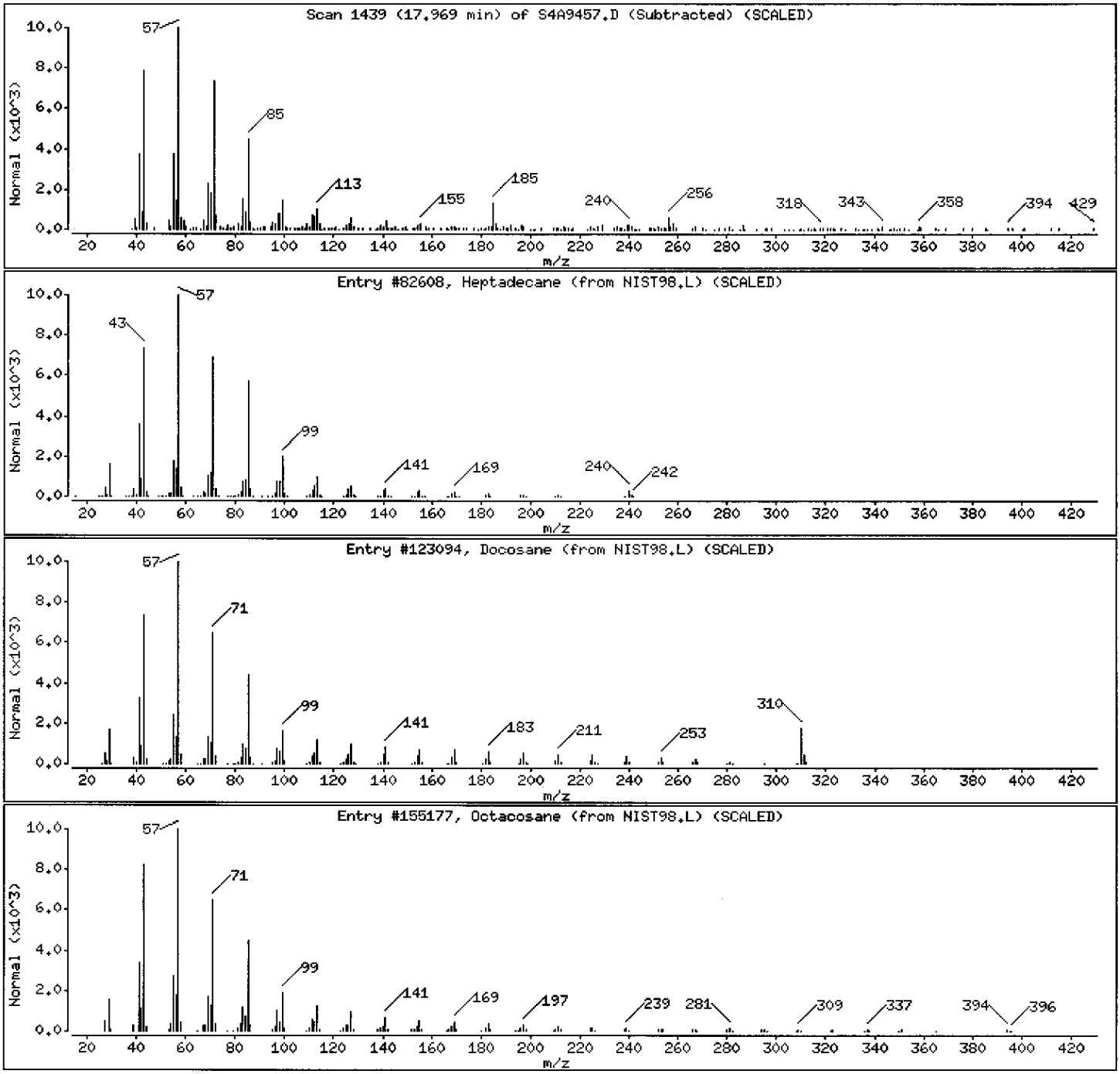
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Heptadecane	629-78-7	NIST98.L	82608	96	C17H36	240
Docosane	629-97-0	NIST98.L	123094	91	C22H46	310
Octacosane	630-02-4	NIST98.L	155177	89	C28H58	394



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9457.D

Date : 25-AUG-2005 13:08

Client ID: SD10-S-O

Instrument: S4.i

Sample Info: D0926-12A,,19468,,

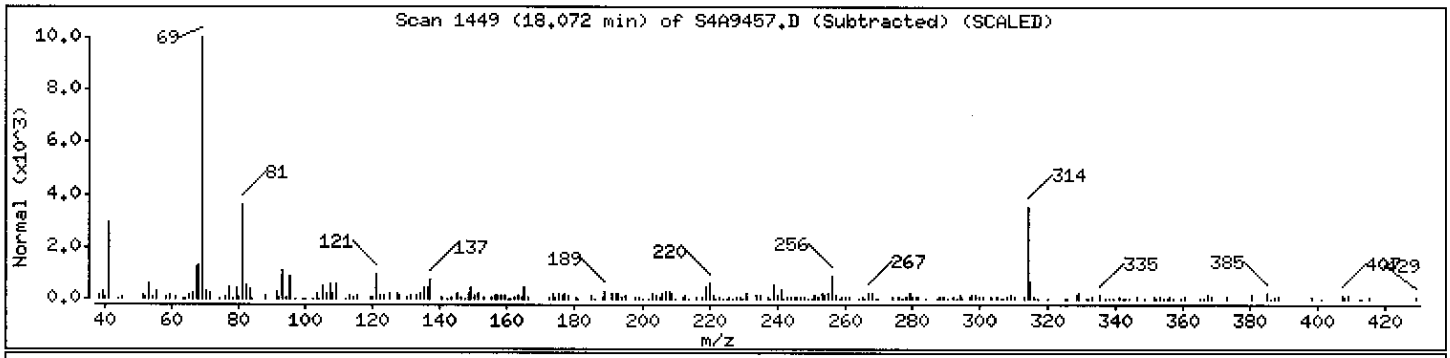
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9457.D

Date : 25-AUG-2005 13:08

Client ID: SD10-S-O

Instrument: S4.i

Sample Info: D0926-12A,,19468,,

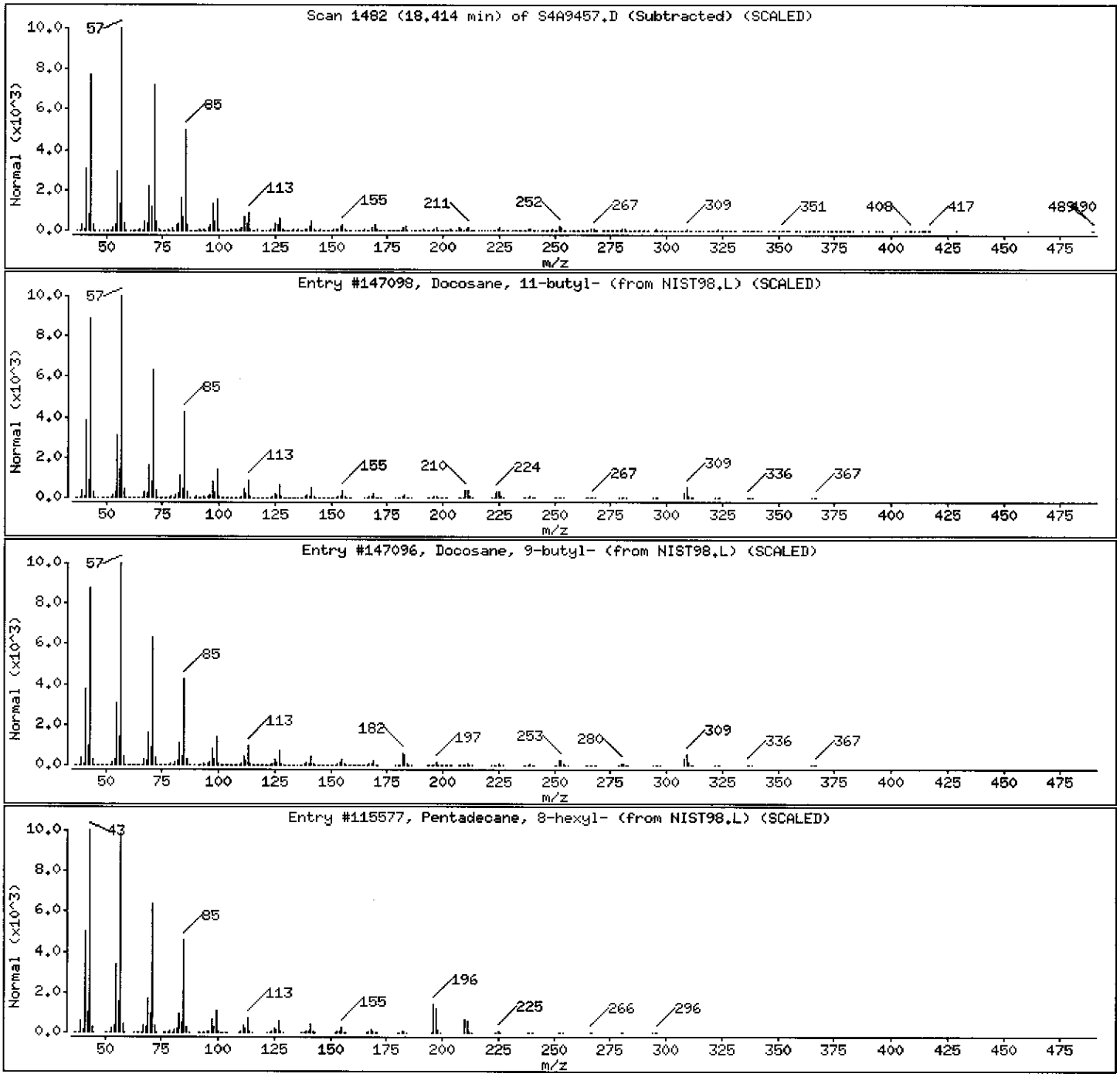
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Docosane, 11-butyl-	13475-76-8	NIST98.L	147098	95	C26H54	366
Docosane, 9-butyl-	55282-14-9	NIST98.L	147096	95	C26H54	366
Pentadecane, 8-hexyl-	13475-75-7	NIST98.L	115577	94	C21H44	296



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Date : 25-AUG-2005 13:08

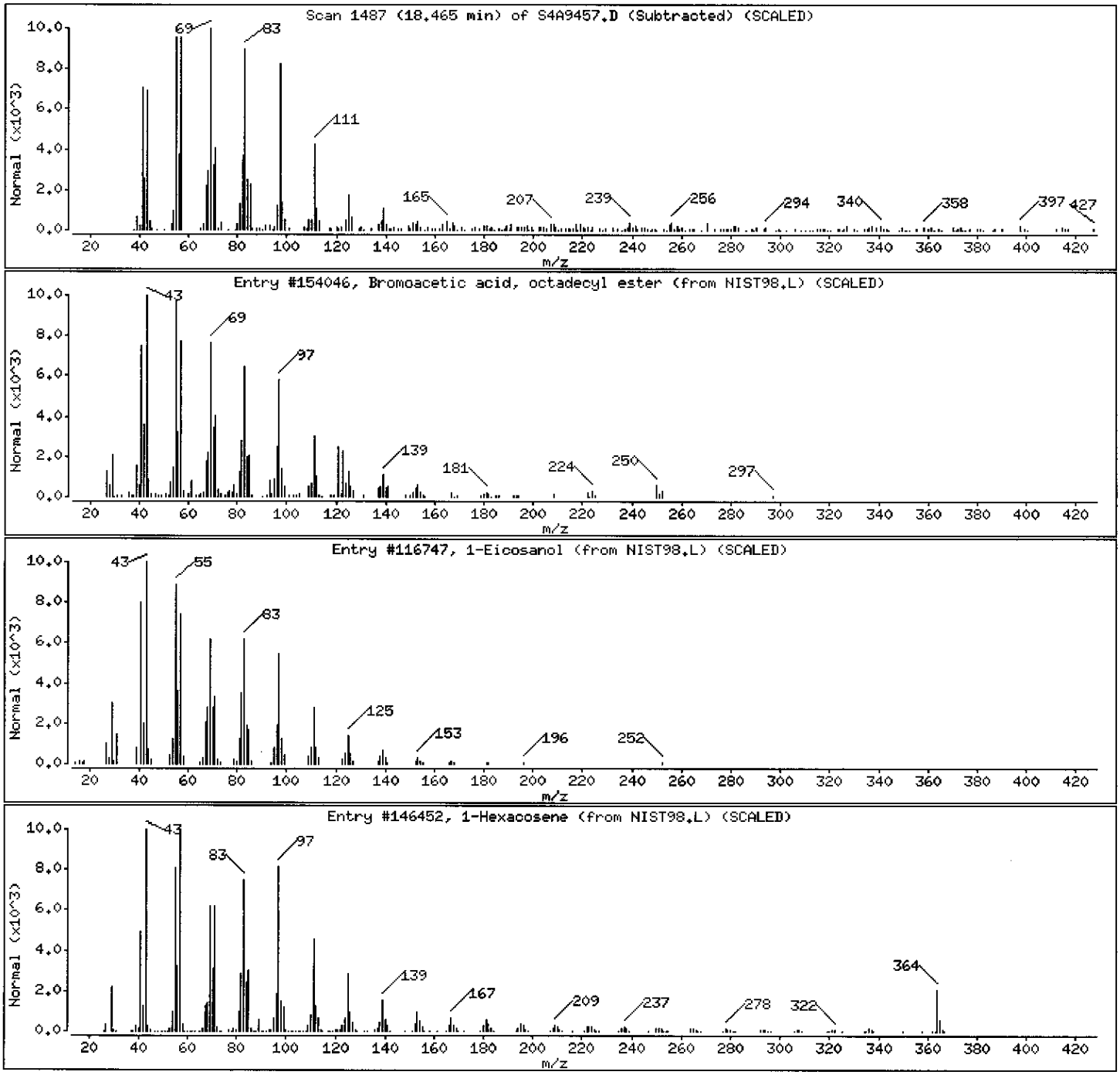
Client ID: SD10-S-0 Instrument: S4.i

Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Bromoacetic acid, octadecyl ester	18992-03-5	NIST98.L	154046	91	C20H39BrO2	390
1-Eicosanol	629-96-9	NIST98.L	116747	89	C20H42O	298
1-Hexacosene	18835-33-1	NIST98.L	146452	70	C26H52	364



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Date : 25-AUG-2005 13:08

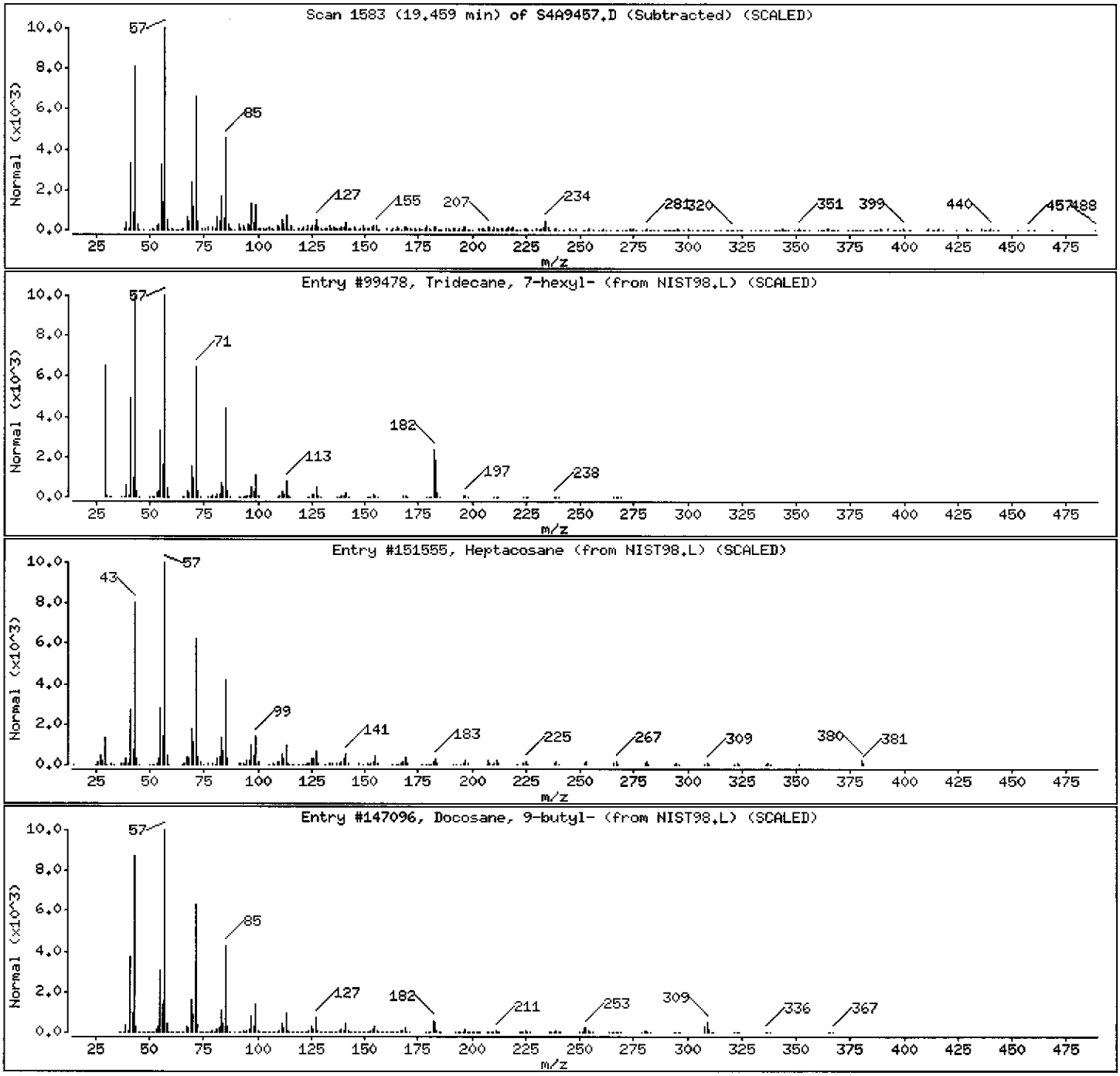
Client ID: SD10-S-0 Instrument: S4.i

Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Tridecane, 7-hexyl-	7225-66-3	NIST98.L	99478	95	C19H40	268
Heptacosane	593-49-7	NIST98.L	151555	93	C27H56	380
Docosane, 9-butyl-	55282-14-9	NIST98.L	147096	93	C26H54	366



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Date : 25-AUG-2005 13:08

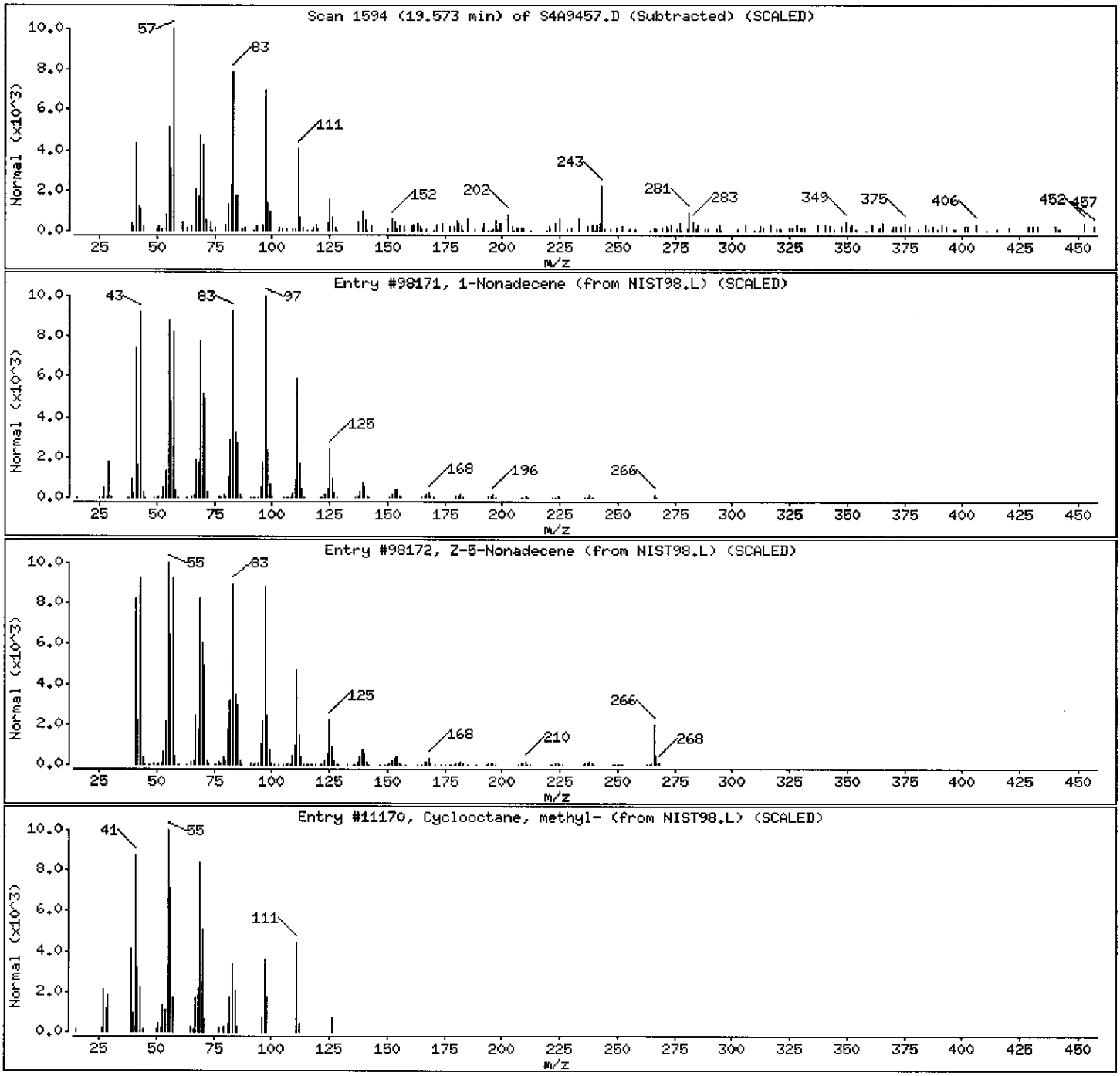
Client ID: SD10-S-0 Instrument: S4.i

Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Nonadecene	18435-45-5	NIST98.L	98171	91	C19H38	266
Z-5-Nonadecene	1000131-11-8	NIST98.L	98172	80	C19H38	266
Cyclooctane, methyl-	1502-38-1	NIST98.L	11170	50	C9H18	126



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Date : 25-AUG-2005 13:08

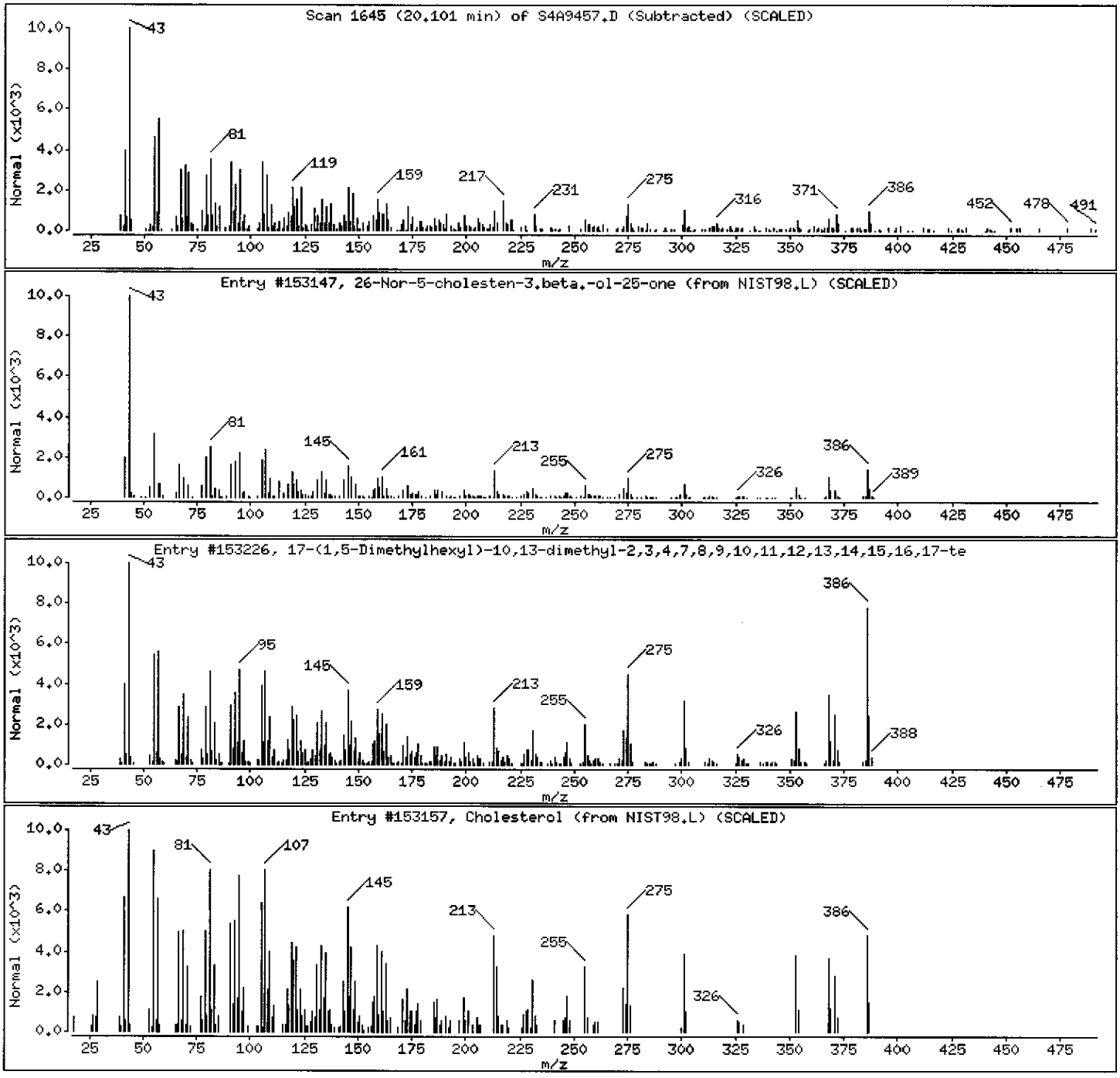
Client ID: SD10-S-0 Instrument: S4.i

Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
26-Nor-5-cholesten-3.beta.-ol-25-one	7494-34-0	NIST98.L	153147	94	C26H4202	386
17-(1,5-Dimethylhexyl)-10,13-dimethyl-2,	1000210-38-4	NIST98.L	153226	78	C27H460	386
Cholesterol	57-88-5	NIST98.L	153157	70	C27H460	386



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Date : 25-AUG-2005 13:08

Client ID: SD10-S-O

Instrument: S4.i

Sample Info: D0926-12A,,19468,,

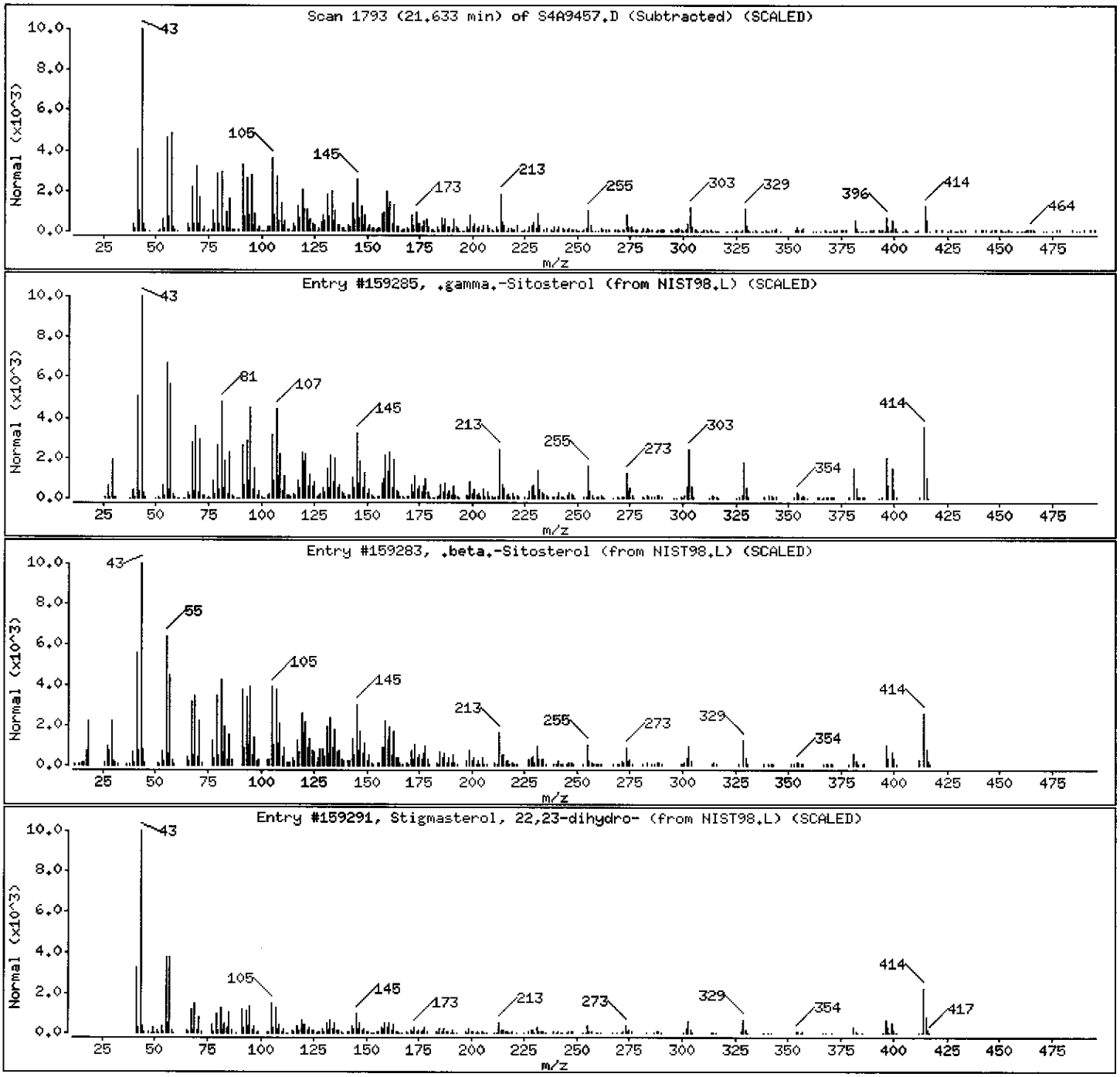
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.gamma.-Sitosterol	83-47-6	NIST98.L	159285	99	C29H50O	414
.beta.-Sitosterol	83-46-5	NIST98.L	159283	92	C29H50O	414
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST98.L	159291	81	C29H50O	414



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Date : 25-AUG-2005 13:08

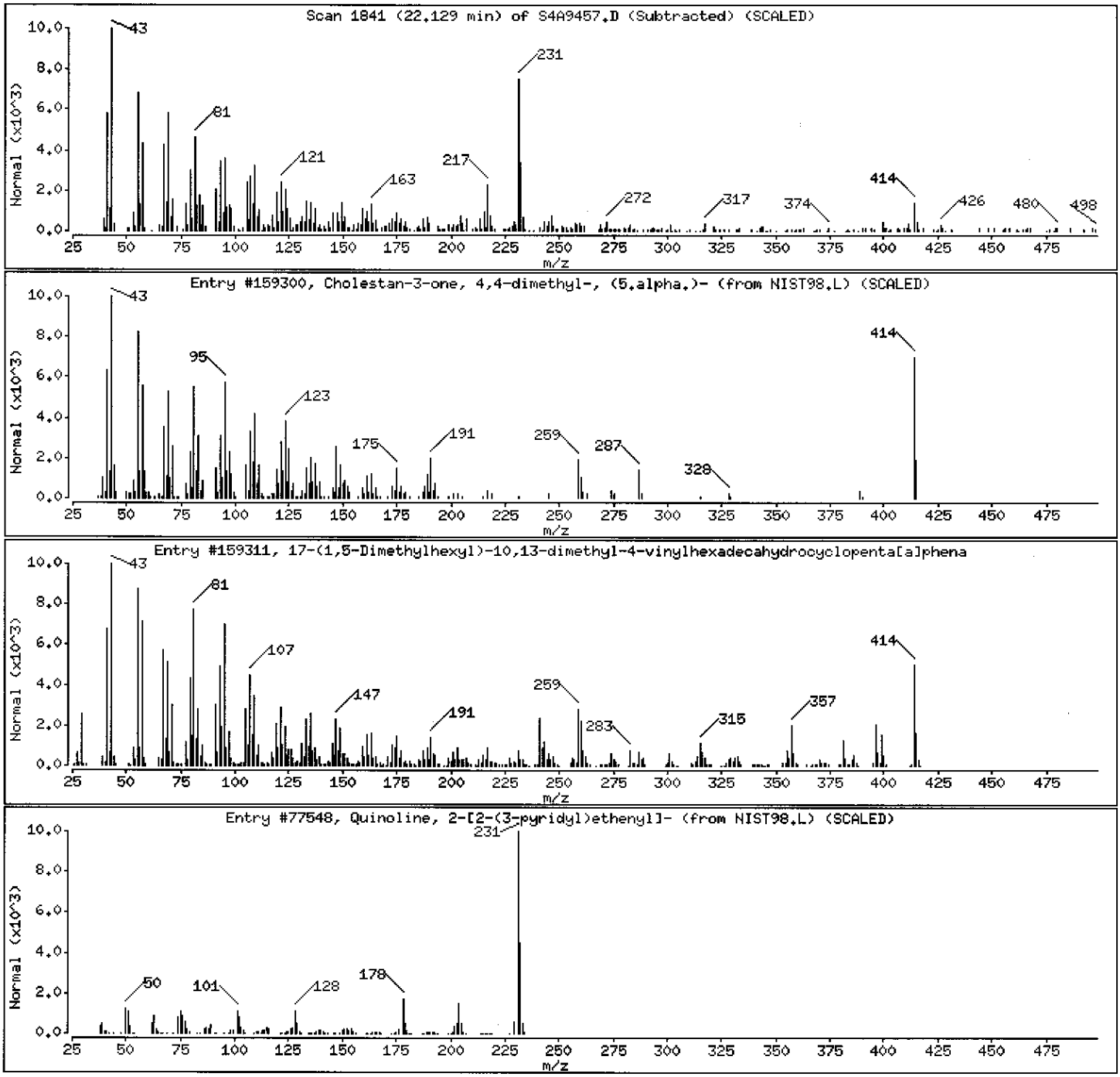
Client ID: SD10-S-0 Instrument: S4.i

Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cholestan-3-one, 4,4-dimethyl-, (5.alpha	2097-85-0	NIST98.L	159300	59	C29H50O	414
17-(1,5-Dimethylhexyl)-10,13-dimethyl-4-	1000210-86-9	NIST98.L	159311	50	C29H50	414
Quinoline, 2-[2-(3-pyridyl)ethenyl]-	1586-51-2	NIST98.L	77548	42	C16H12N2	232



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Date : 25-AUG-2005 13:08

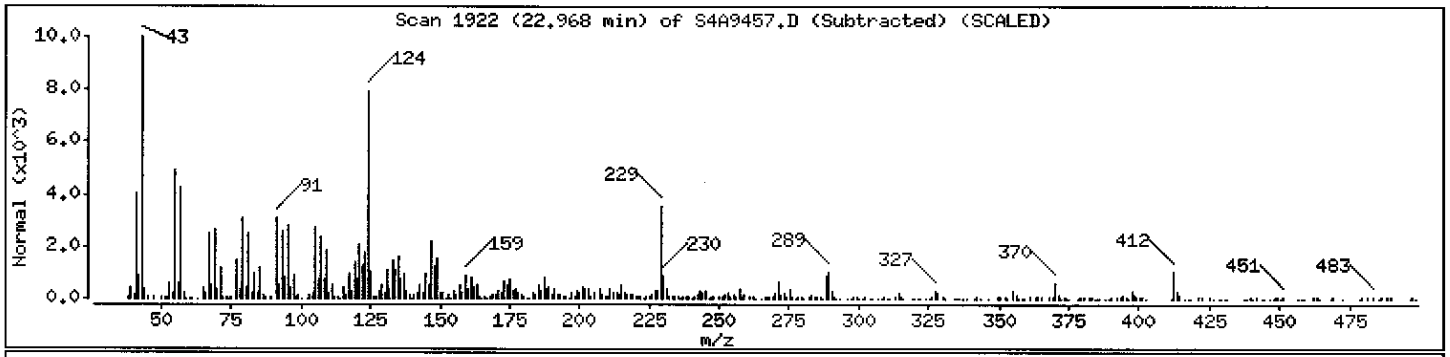
Client ID: SD10-S-0 Instrument: S4.i

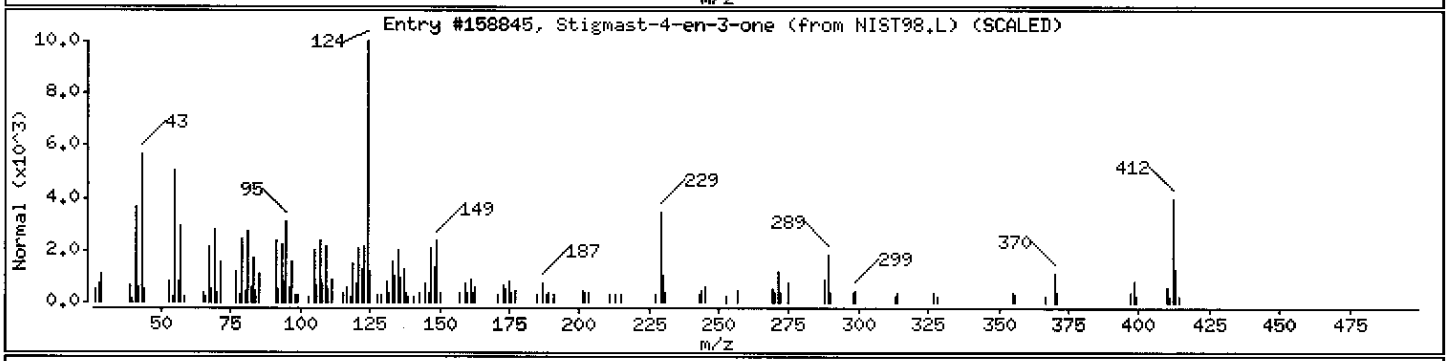
Sample Info: D0926-12A,,19468,,

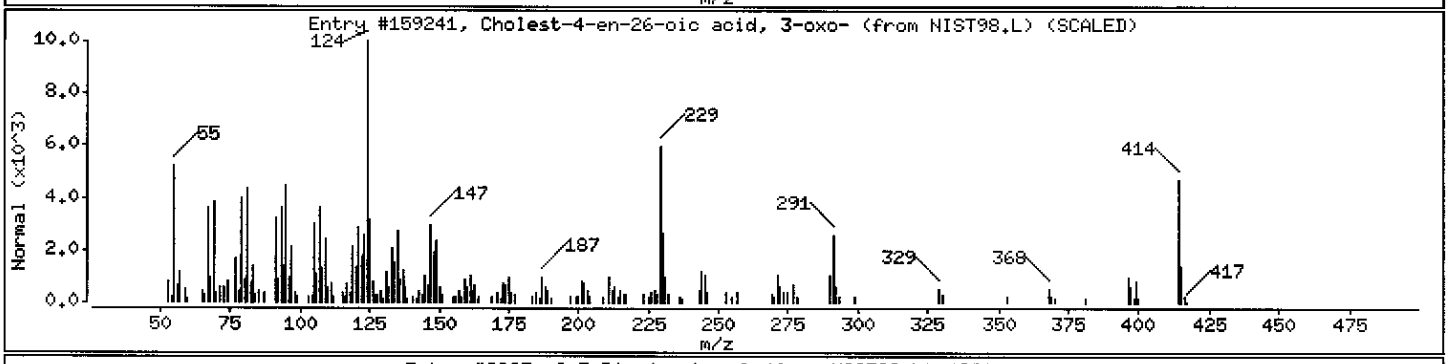
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

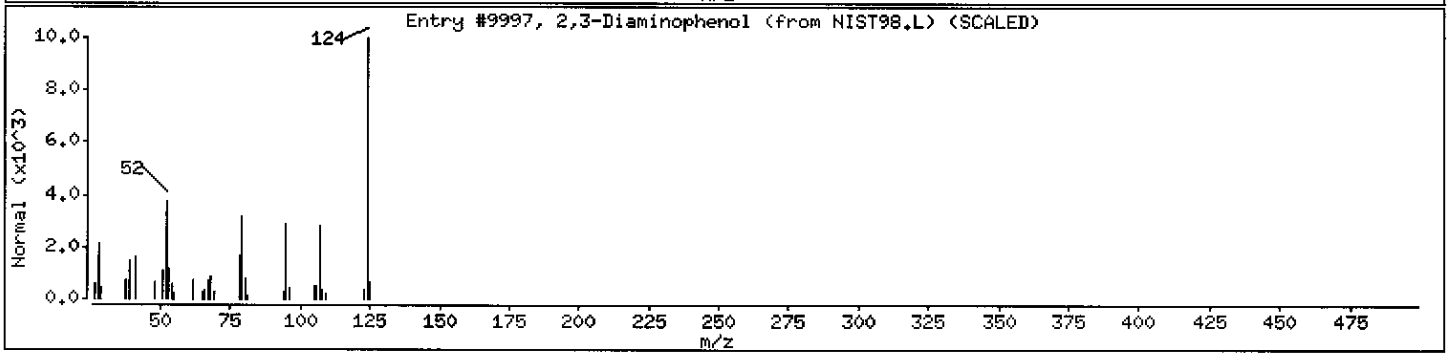
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Stigmast-4-en-3-one	1058-61-3	NIST98.L	158845	94	C29H480	412
Cholest-4-en-26-oic acid, 3-oxo-	23017-97-2	NIST98.L	159241	64	C27H4203	414
2,3-Diaminophenol	59649-56-8	NIST98.L	9997	47	C6H8N20	124









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Date : 25-AUG-2005 13:08

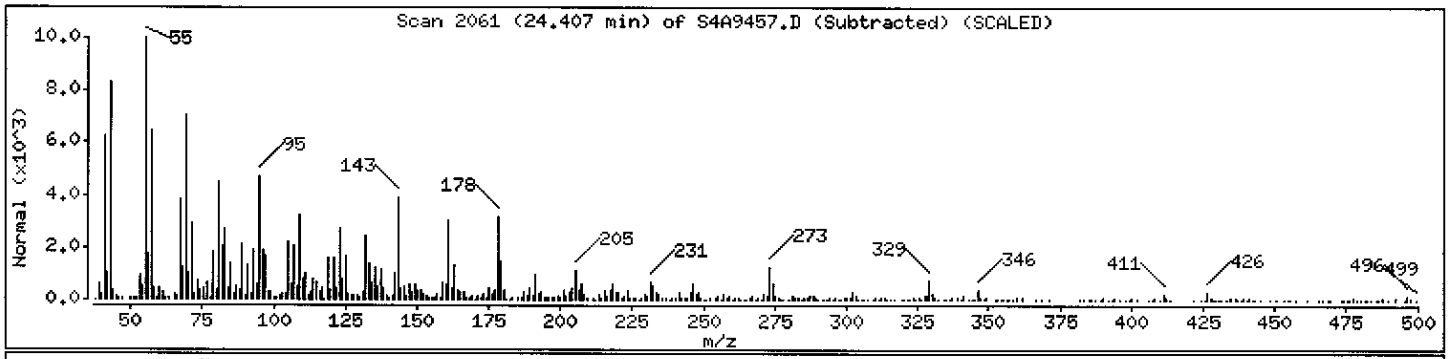
Client ID: SD10-S-0 Instrument: S4.i

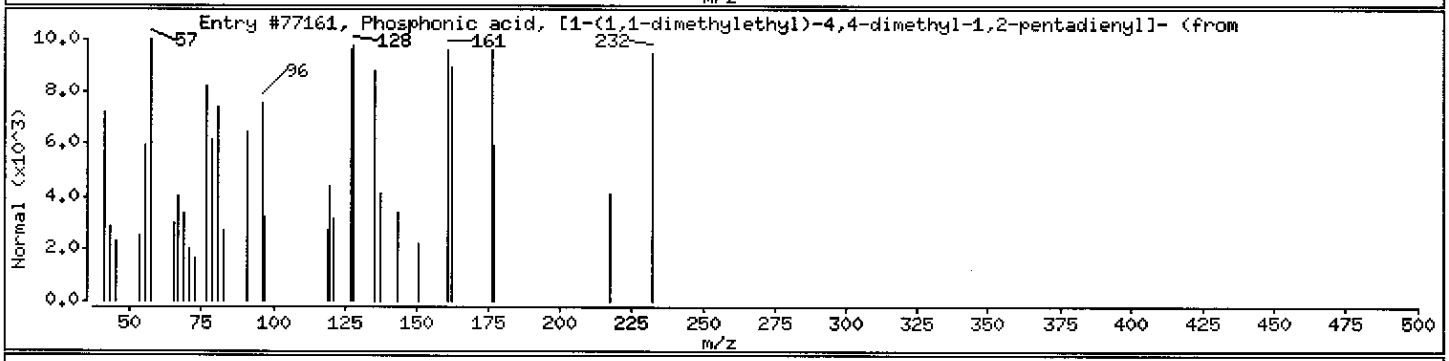
Sample Info: D0926-12A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Phosphonic acid, [1-(1,1-dimethylethyl)-	42087-76-3	NIST98.L	77161	53	C11H2103P	232





1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD11-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-13A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9456

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 81 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1700	U
108-95-2	Phenol	1700	U
111-44-4	bis(2-Chloroethyl)Ether	1700	U
95-57-8	2-Chlorophenol	1700	U
95-48-7	2-Methylphenol	1700	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1700	U
98-86-2	Acetophenone	1700	U
106-44-5	4-Methylphenol	1700	U
621-64-7	N-Nitroso-di-n-propylamine	1700	U
67-72-1	Hexachloroethane	1700	U
98-95-3	Nitrobenzene	1700	U
78-59-1	Isophorone	1700	U
88-75-5	2-Nitrophenol	1700	U
105-67-9	2,4-Dimethylphenol	1700	U
111-91-1	bis(2-Chloroethoxy)methane	1700	U
120-83-2	2,4-Dichlorophenol	1700	U
91-20-3	Naphthalene	1700	U
106-47-8	4-Chloroaniline	1700	U
87-68-3	Hexachlorobutadiene	1700	U
105-60-2	Caprolactam	1700	U
59-50-7	4-Chloro-3-Methylphenol	1700	U
91-57-6	2-Methylnaphthalene	1700	U
77-47-4	Hexachlorocyclopentadiene	1700	U
88-06-2	2,4,6-Trichlorophenol	1700	U
95-95-4	2,4,5-Trichlorophenol	4400	U
92-52-4	1,1'-Biphenyl	1700	U
91-58-7	2-Chloronaphthalene	1700	U
88-74-4	2-Nitroaniline	4400	U
131-11-3	Dimethylphthalate	1700	U
606-20-2	2,6-Dinitrotoluene	1700	U
208-96-8	Acenaphthylene	1700	U
99-09-2	3-Nitroaniline	4400	U
83-32-9	Acenaphthene	1700	U

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SD11-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-13A

Sample wt/vol: 30.0(g/mL) G Lab File ID: S4A9456

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 81 Decanted: (Y/N)N Date Extracted: 08/12/05

Concentrated Extract Volume: 500(uL) Date Analyzed: 08/25/05

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	4400	U
100-02-7	4-Nitrophenol	4400	U
132-64-9	Dibenzofuran	1700	U
121-14-2	2,4-Dinitrotoluene	1700	U
84-66-2	Diethylphthalate	1700	U
86-73-7	Fluorene	1700	U
7005-72-3	4-Chlorophenyl-phenylether	1700	U
100-01-6	4-Nitroaniline	4400	U
534-52-1	4,6-Dinitro-2-methylphenol	4400	U
86-30-6	N-Nitrosodiphenylamine (1)	1700	U
101-55-3	4-Bromophenyl-phenylether	1700	U
118-74-1	Hexachlorobenzene	1700	U
1912-24-9	Atrazine	1700	U
87-86-5	Pentachlorophenol	4400	U
85-01-8	Phenanthrene	1700	U
120-12-7	Anthracene	1700	U
86-74-8	Carbazole	1700	U
84-74-2	Di-n-butylphthalate	1700	U
206-44-0	Fluoranthene	1700	U
129-00-0	Pyrene	1700	U
85-68-7	Butylbenzylphthalate	1700	U
91-94-1	3,3'-Dichlorobenzidine	1700	U
56-55-3	Benzo(a)anthracene	1700	U
218-01-9	Chrysene	1700	U
117-81-7	bis(2-Ethylhexyl)phthalate	240	JB
117-84-0	Di-n-octylphthalate	1700	U
205-99-2	Benzo(b)fluoranthene	1700	U
207-08-9	Benzo(k)fluoranthene	1700	U
50-32-8	Benzo(a)pyrene	1700	U
193-39-5	Indeno(1,2,3-cd)pyrene	1700	U
53-70-3	Dibenzo(a,h)anthracene	1700	U
191-24-2	Benzo(g,h,i)perylene	1700	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SD11-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-13A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9456

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 81 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

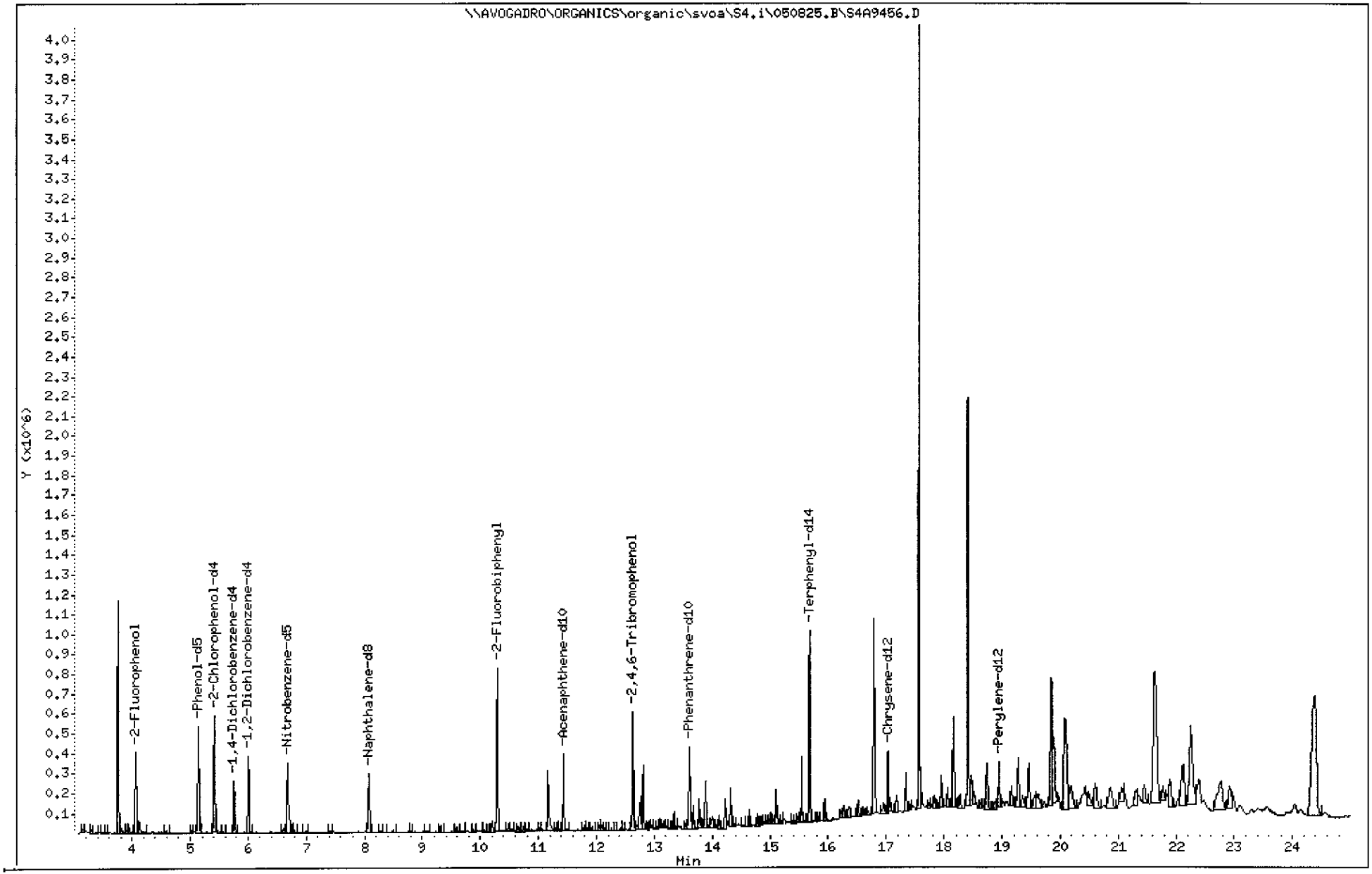
GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

Number TICs found: 30

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	112-42-5	1-UNDECANOL	11.16	4500	NJ
2.	3076-04-8	2-PROPENOIC ACID, TRIDECYL E	12.76	1500	NJ
3.		UNKNOWN	13.89	1800	J
4.		UNKNOWN	15.55	2700	J
5.	6765-39-5	1-HEPTADECENE	16.79	10000	NJ
6.	14811-95-1	1,19-EICOSADIENE	17.34	1600	NJ
7.	14811-95-1	1,19-EICOSADIENE	18.15	6100	NJ
8.		UNKNOWN	18.27	1400	J
9.		UNKNOWN	18.46	3300	J
10.	6971-40-0	17-PENTATRIACONTENE	18.73	4400	NJ
11.	1000105-71-9	3,4-DIHYDRO-3,5,8-TRIMETHYL-	19.36	1400	NJ
12.		UNKNOWN	19.61	2200	J
13.	59-02-9	VITAMIN E	19.84	16000	NJ
14.	2599-01-1	TETRADECANOIC ACID, HEXADECY	19.89	7800	NJ
15.	7494-34-0	26-NOR-5-CHOLESTEN-3.BETA.-O	20.08	16000	NJ
16.	516-95-0	EPICHOLESTANOL	20.18	4500	NJ
17.		UNKNOWN	20.50	2200	J
18.		UNKNOWN	20.62	3500	J
19.		UNKNOWN	20.87	5000	J
20.		UNKNOWN	21.06	2400	J
21.		UNKNOWN	21.30	2400	J
22.	42232-29-1	HEXADECANOIC ACID, DODECYL E	21.46	2400	NJ
23.	83-47-6	.GAMMA.-SITOSTEROL	21.63	29000	NJ
24.		UNKNOWN	21.78	1800	J
25.		UNKNOWN	21.90	4400	J
26.	1000210-86-9	17-(1,5-DIMETHYLHEXYL)-10,13	22.12	6400	NJ
27.	638-95-9	.ALPHA.-AMYRIN	22.24	16000	NJ
28.	638-95-9	.ALPHA.-AMYRIN	22.77	9100	NJ
29.	1058-61-3	STIGMAST-4-EN-3-ONE	22.93	4100	NJ
30.		UNKNOWN	24.39	35000	JB

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9456.D
Date : 25-AUG-2005 12:36
Client ID: SD11-S-O
Instrument: S4.i
Sample Info: D0926-13A,,19468,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9456.D
Report Date: 31-Aug-2005 15:30

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9456.D
Lab Smp Id: D0926-13A Client Smp ID: SD11-S-O
Inj Date : 25-AUG-2005 12:36
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-13A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	81.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	4.068	4.048	(0.707)	122189	105.771	9300
$ 3	Phenol-d5	99	5.145	5.135	(0.894)	197028	114.077	10000
$ 6	2-Chlorophenol-d4	132	5.414	5.414	(0.941)	160353	112.067	9800
* 8	1,4-Dichlorobenzene-d4	152	5.755	5.755	(1.000)	43815	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	6.004	6.004	(1.043)	65998	63.5464	5600
$ 16	Nitrobenzene-d5	82	6.676	6.677	(0.827)	155916	71.8622	6300
* 23	Naphthalene-d8	136	8.074	8.074	(1.000)	184303	40.0000	
$ 33	2-Fluorobiphenyl	172	10.289	10.289	(0.900)	302768	84.3290	7400
* 41	Acenaphthene-d10	164	11.438	11.438	(1.000)	100824	40.0000	
$ 53	2,4,6-Tribromophenol	330	12.638	12.628	(0.929)	67631	166.938	15000(A)
* 58	Phenanthrene-d10	188	13.611	13.611	(1.000)	154330	40.0000	
$ 65	Terphenyl-d14	244	15.681	15.671	(0.920)	314211	95.8053	8400
* 69	Chrysene-d12	240	17.037	17.027	(1.000)	127752	40.0000	

Data File: S4A9456.D
Report Date: 31-Aug-2005 15:30

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
71 bis(2-Ethylhexyl)phthalate	149	16.965	16.954	(0.996)	8708	2.72213	240(a)
* 76 Perylene-d12	264	18.952	18.942	(1.000)	103280	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.

08/31/05
AL

Data File: S4A9456.D
Report Date: 31-Aug-2005 15:30

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9456.D
Lab Smp Id: D0926-13A Client Smp ID: SD11-S-O
Inj Date : 25-AUG-2005 12:36
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-13A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	81.000	% Moisture

ISTD	RT	AREA	AMOUNT
* 41 Acenaphthene-d10	11.438	496830	40.000
* 58 Phenanthrene-d10	13.611	648155	40.000
* 69 Chrysene-d12	17.037	450544	40.000
* 76 Perylene-d12	18.952	345748	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9456.D
Report Date: 31-Aug-2005 15:30

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
1-Undecanol				CAS #: 112-42-5			
11.158	639485	51.4852163	4500	91	NIST98.L	37465	41
2-Propenoic acid, tridecyl ester				CAS #: 3076-04-8			
12.762	281917	17.3981224	1500	87	NIST98.L	90894	58
Straight-Chain Alkane				CAS #:			
12.814	402868	24.8624480	2200	0		0	58
Unknown				CAS #:			
13.891	324281	20.0125587	1800	0		0	58
Unknown				CAS #:			
15.547	340277	30.2103235	2700	0		0	69
Straight-Chain Alkane				CAS #:			
15.940	131979	11.7173018	1000	0		0	69
1-Heptadecene				CAS #: 6765-39-5			
16.789	1305941	115.943482	10000	95	NIST98.L	81253	69
Branched Alkane				CAS #:			
17.182	152397	13.5300437	1200	0		0	69
1,19-Eicosadiene				CAS #: 14811-95-1			
17.337	207045	18.3817785	1600	95	NIST98.L	105306	69
Straight-Chain Alkane				CAS #:			
17.575	4829835	428.800295	38000	0		0	69
Straight-Chain Alkane				CAS #:			
17.958	220640	19.5887638	1700	0		0	69
1,19-Eicosadiene				CAS #: 14811-95-1			
18.155	596792	69.0435809	6100	95	NIST98.L	105306	76
Unknown				CAS #:			
18.269	137351	15.8903016	1400	0		0	76
Straight-Chain Alkane				CAS #:			
18.414	3117447	360.661175	32000	0		0	76
Unknown				CAS #:			
18.455	330045	38.1833011	3300	0		0	76

Data File: S4A9456.D
Report Date: 31-Aug-2005 15:30

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
17-Pentatriacontene					CAS #: 6971-40-0		
18.735	436629	50.5141317	4400	91	NIST98.L	168066	76
Straight-Chain Alkane					CAS #:		
18.890	107855	12.4778741	1100	0		0	76
Cyclic Alkane					CAS #:		
19.273	440587	50.9720374	4500	0		0	76
3,4-Dihydro-3,5,8-trimethyl-3-(4,8,12-tr					CAS #: 1000105-71-9		
19.356	136457	15.7868737	1400	90	NIST98.L	165270	76
Straight-Chain Alkane					CAS #:		
19.459	428383	49.5601421	4300	0		0	76
Unknown					CAS #:		
19.614	215637	24.9473027	2200	0		0	76
Vitamin E					CAS #: 59-02-9		
19.842	1535970	177.698208	16000	98	NIST98.L	161945	76
Tetradecanoic acid, hexadecyl ester					CAS #: 2599-01-1		
19.894	772149	89.3308421	7800	91	NIST98.L	164646	76
26-Nor-5-cholesten-3.beta.-ol-25-one					CAS #: 7494-34-0		
20.080	1581501	182.965744	16000	94	NIST98.L	153147	76
Epicholestanol					CAS #: 516-95-0		
20.184	439038	50.7928318	4500	87	NIST98.L	153726	76
Unknown					CAS #:		
20.504	214445	24.8093988	2200	0		0	76
Unknown					CAS #:		
20.618	348729	40.3448755	3500	0		0	76
Unknown					CAS #:		
20.867	495391	57.3123778	5000	0		0	76
Unknown					CAS #:		
21.063	241075	27.8902553	2400	0		0	76
Unknown					CAS #:		
21.301	238152	27.5520900	2400	0		0	76

Data File: S4A9456.D
Report Date: 31-Aug-2005 15:30

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Hexadecanoic acid, dodecyl ester				CAS #: 42232-29-1			
21.457	240986	27.8799588	2400	86	NIST98.L	160930	76
.gamma.-Sitosterol				CAS #: 83-47-6			
21.633	2872978	332.378264	29000	97	NIST98.L	159285	76
Unknown				CAS #:			
21.777	182010	21.0569548	1800	0		0	76
Unknown				CAS #:			
21.902	432752	50.0655969	4400	0		0	76
17-(1,5-Dimethylhexyl)-10,13-dimethyl-4-				CAS #: 1000210-86-9			
22.119	635328	73.5018568	6400	90	NIST98.L	159311	76
.alpha.-Amyrin				CAS #: 638-95-9			
22.243	1583761	183.227206	16000	90	NIST98.L	161264	76
.alpha.-Amyrin				CAS #: 638-95-9			
22.771	895136	103.559355	9100	95	NIST98.L	161264	76
Stigmast-4-en-3-one				CAS #: 1058-61-3			
22.926	403725	46.7074285	4100	92	NIST98.L	158845	76
Unknown				CAS #:			
24.386	3401975	393.578560	35000	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9456.D

Date : 25-AUG-2005 12:36

Client ID: SD11-S-0

Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0

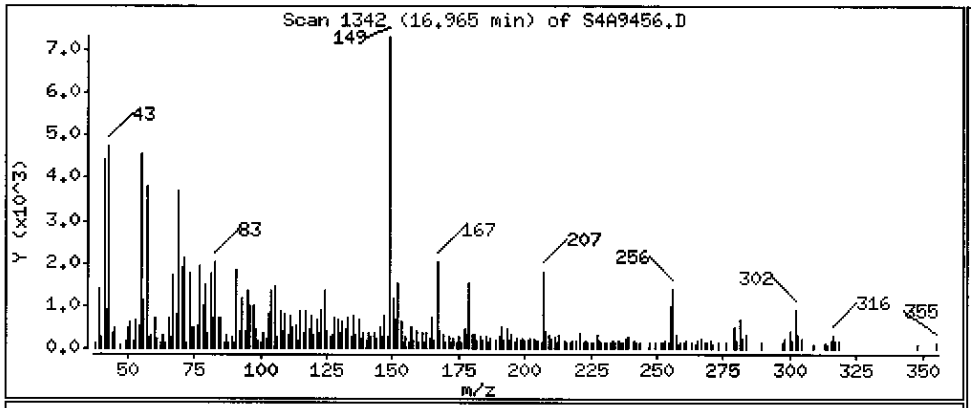
Operator: AW SRC: LIMS

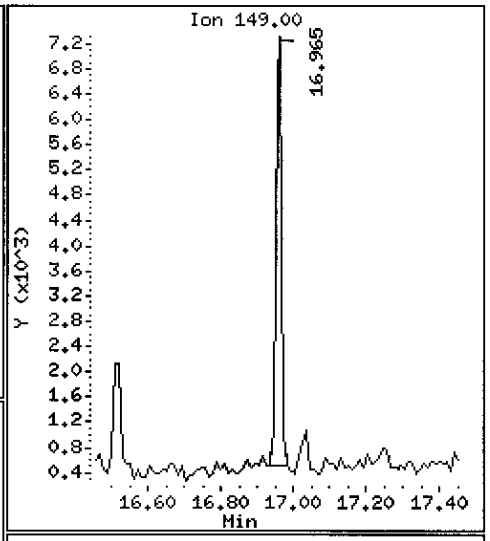
Column phase: DB-5MS

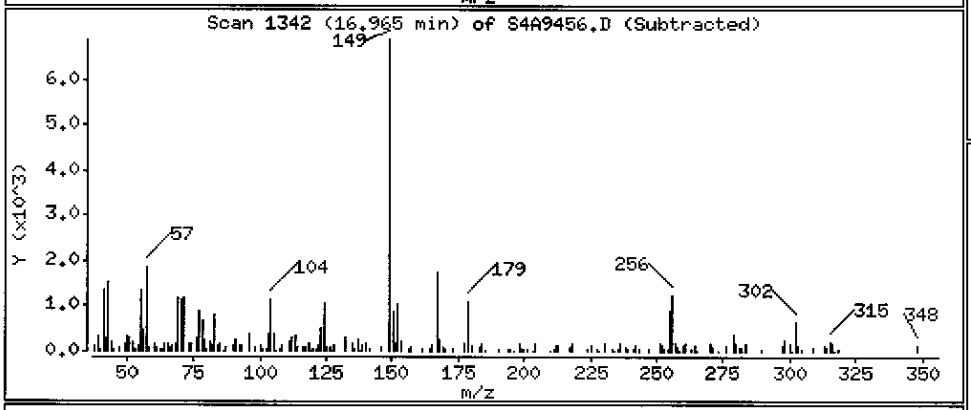
Column diameter: 0.25

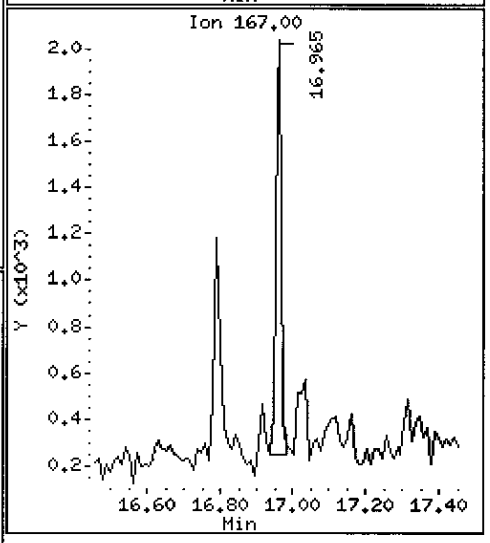
71 bis(2-Ethylhexyl)phthalate

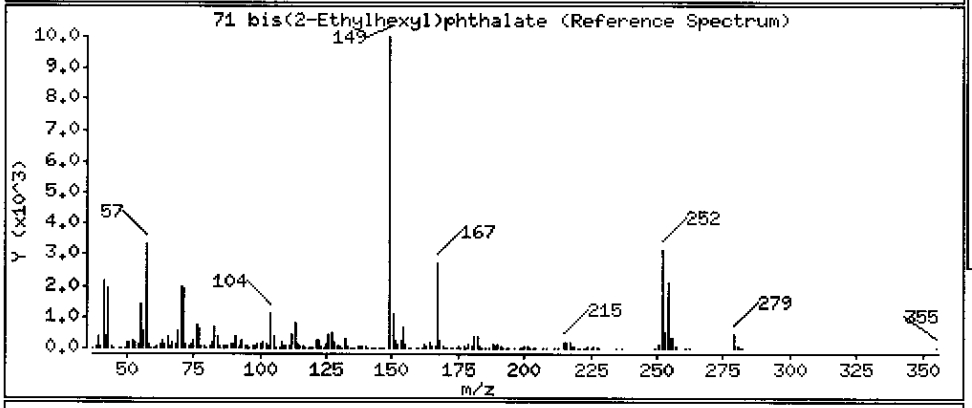
Concentration: 240 ug/Kg

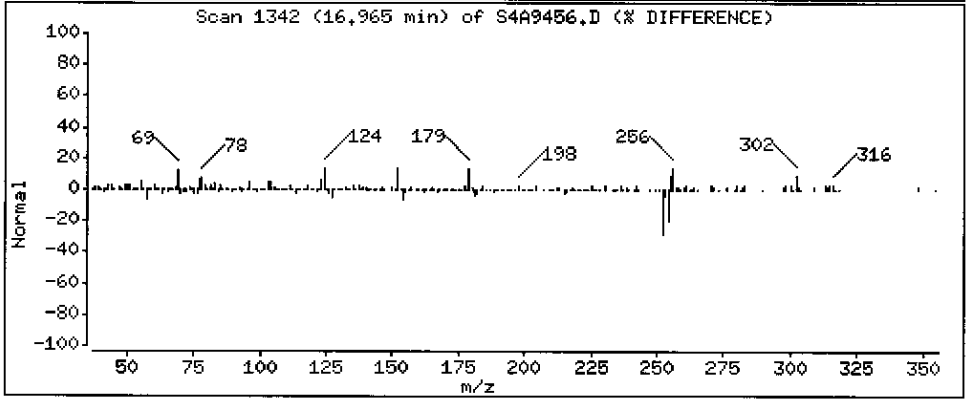












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Date : 25-AUG-2005 12:36

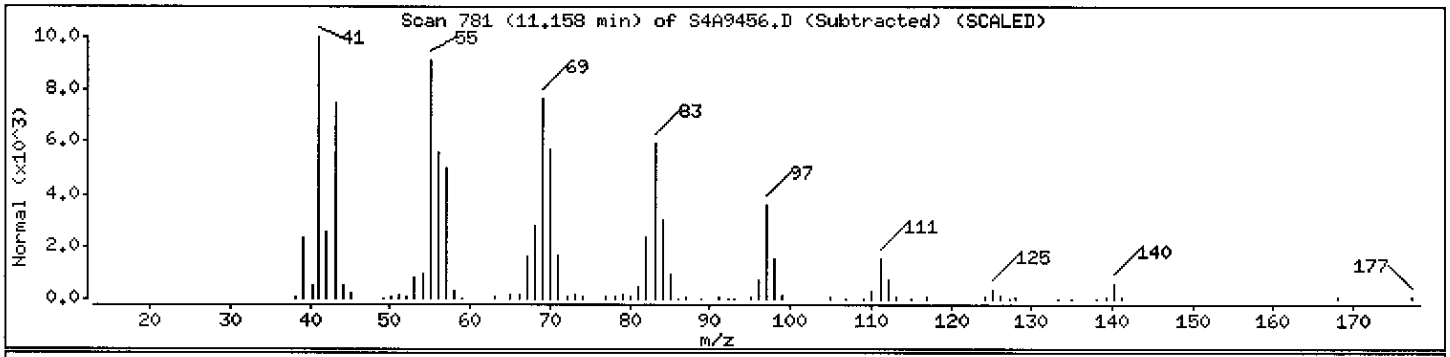
Client ID: SD11-S-0 Instrument: S4.i

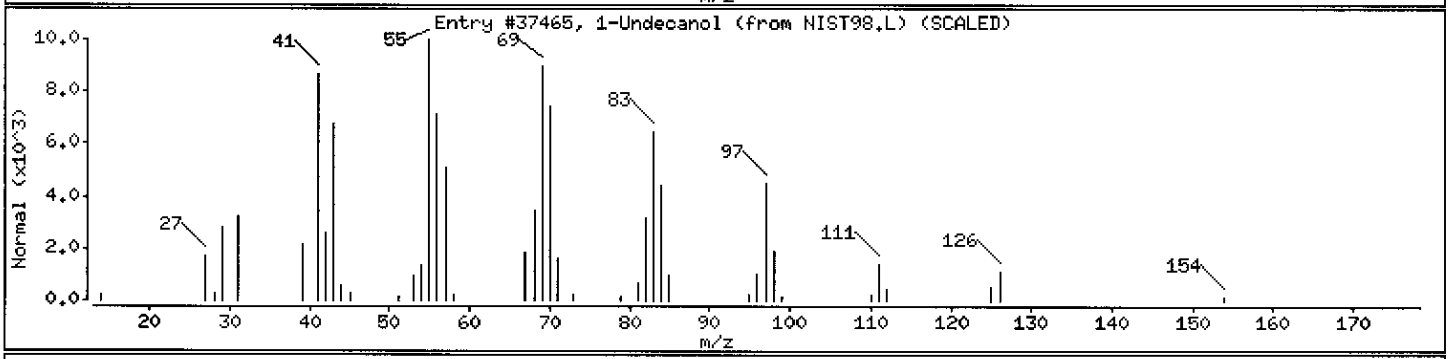
Sample Info: D0926-13A,,19468,,

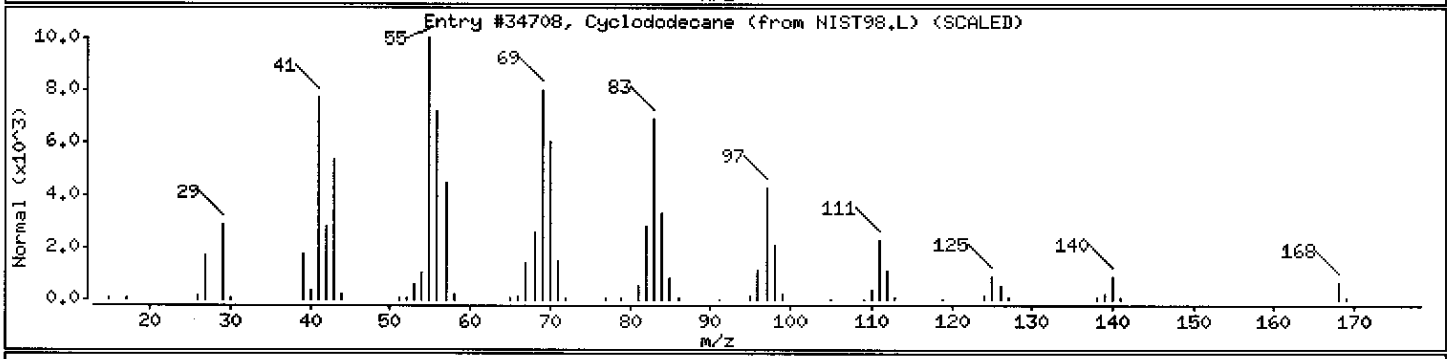
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

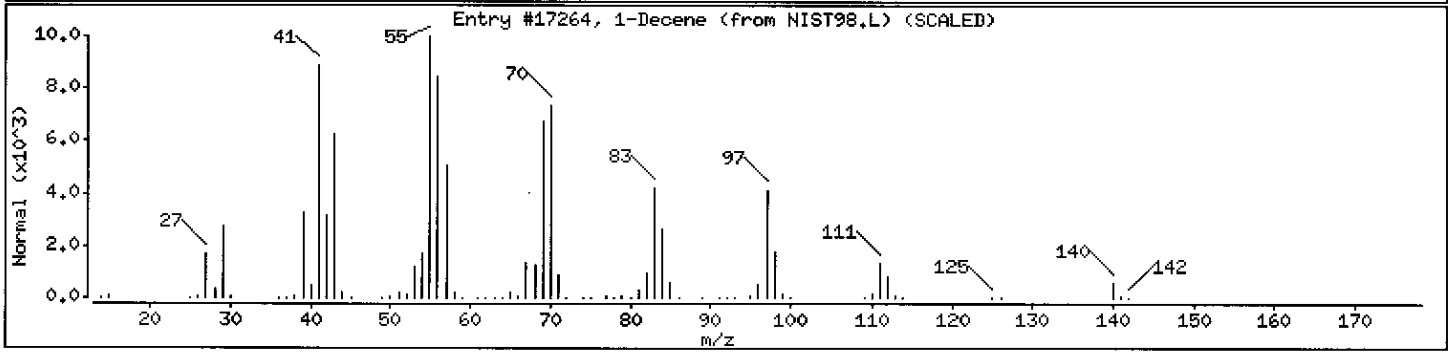
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Undecanol	112-42-5	NIST98.L	37465	91	C11H240	172
Cyclododecane	294-62-2	NIST98.L	34708	91	C12H24	168
1-Decene	872-05-9	NIST98.L	17264	91	C10H20	140









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9456.D

Date : 25-AUG-2005 12:36

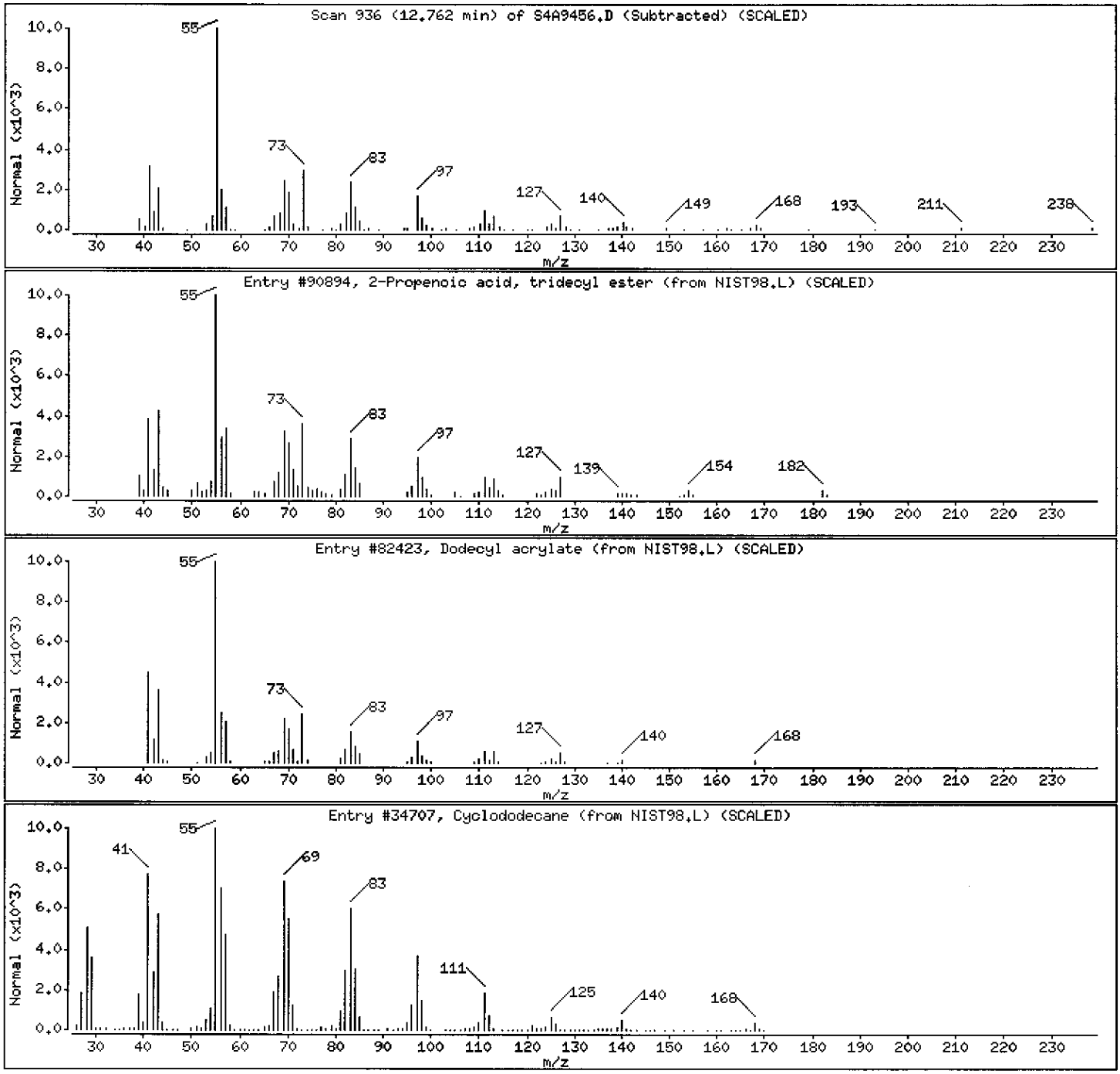
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Propenoic acid, tridecyl ester	3076-04-8	NIST98.L	90894	87	C16H3002	254
Dodecyl acrylate	2156-97-0	NIST98.L	82423	86	C15H2802	240
Cyclododecane	294-62-2	NIST98.L	34707	60	C12H24	168



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9456.D

Date : 25-AUG-2005 12:36

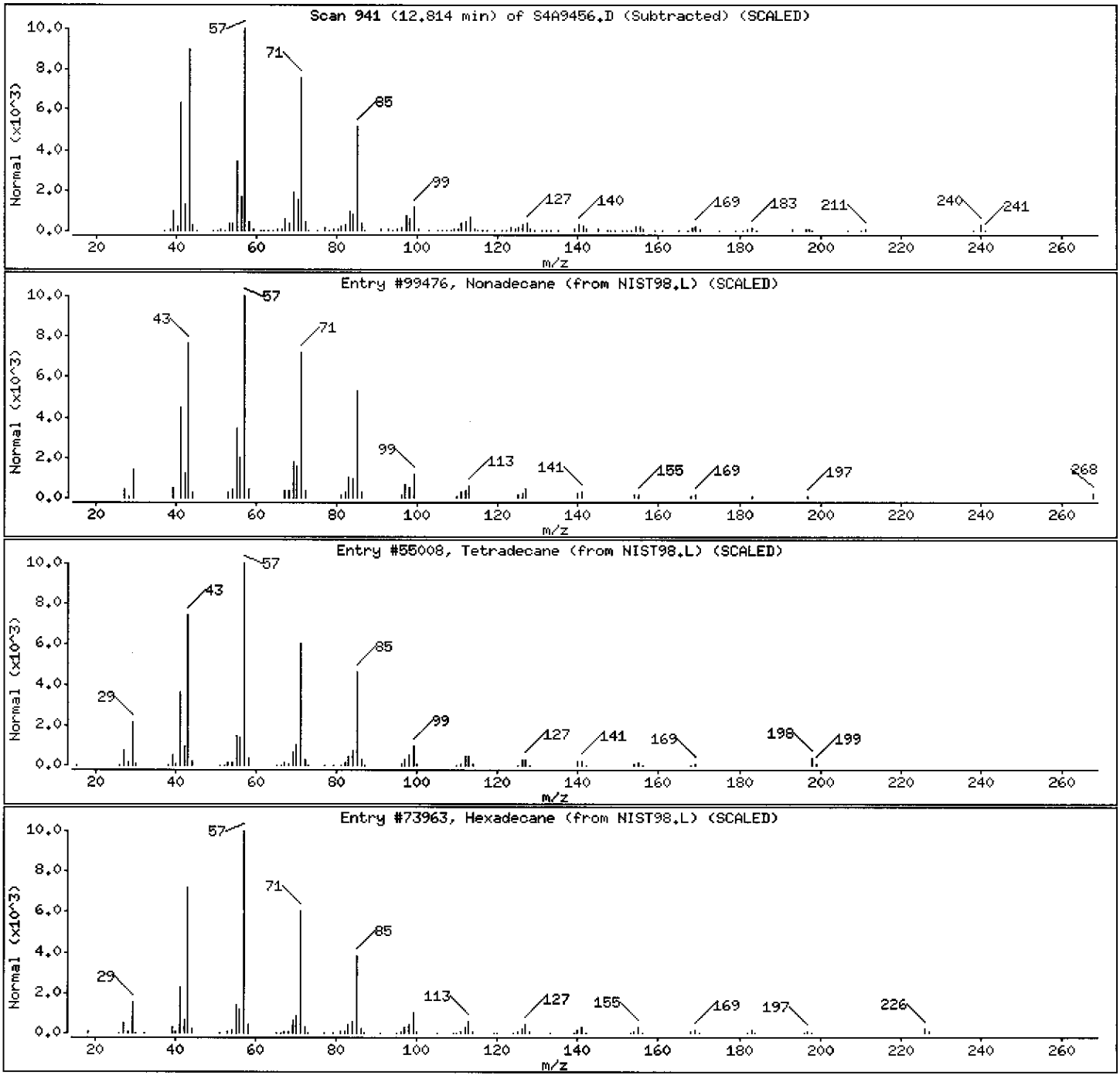
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Nonadecane	629-92-5	NIST98.L	99476	91	C19H40	268
Tetradecane	629-59-4	NIST98.L	55008	91	C14H30	198
Hexadecane	544-76-3	NIST98.L	73963	91	C16H34	226



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9456.D

Date : 25-AUG-2005 12:36

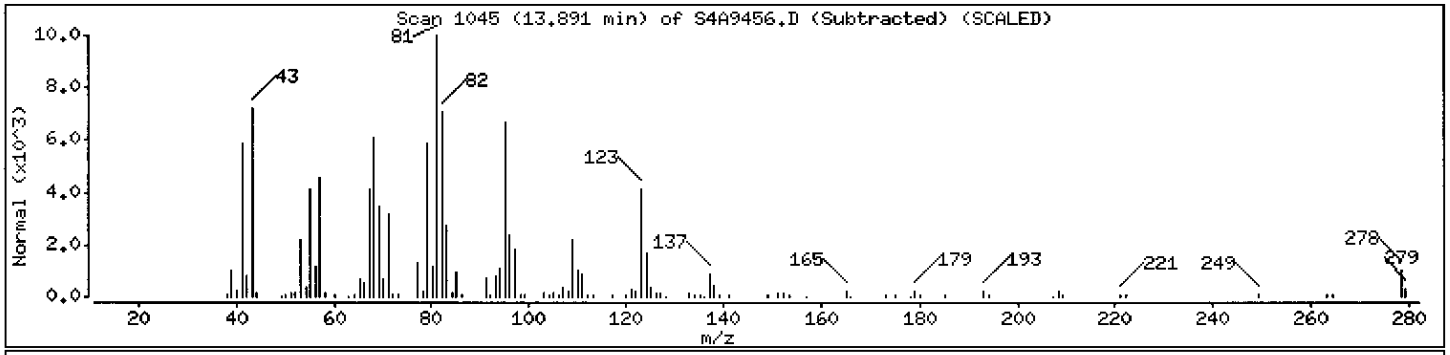
Client ID: SD11-S-0 Instrument: S4.i

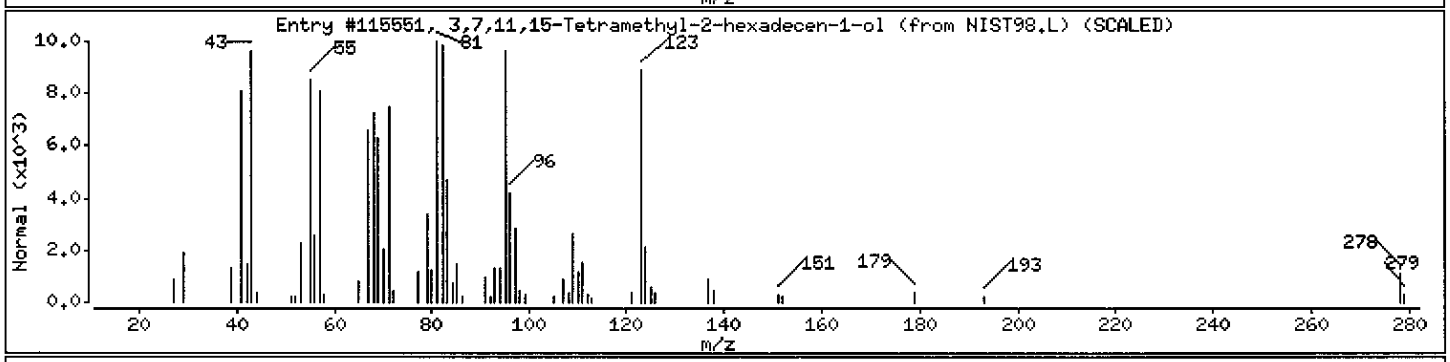
Sample Info: D0926-13A,,19468,,

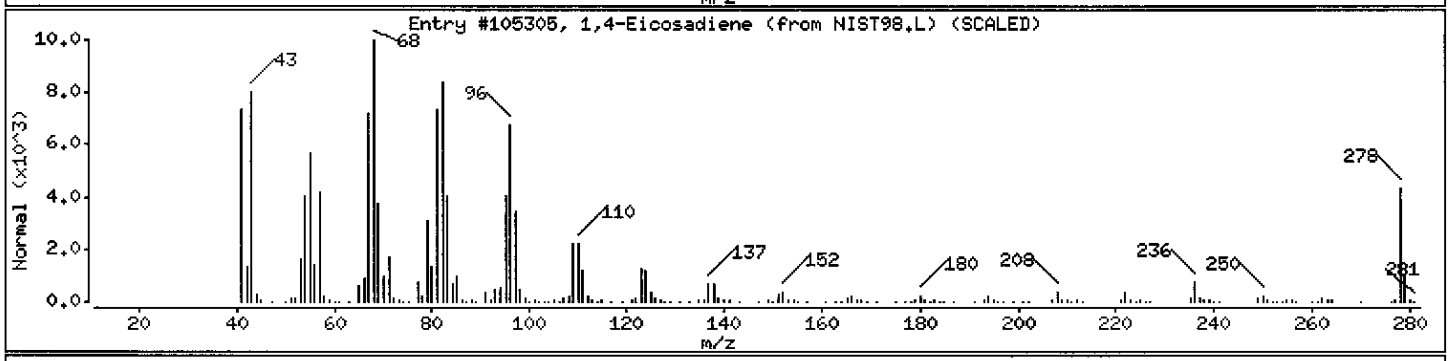
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

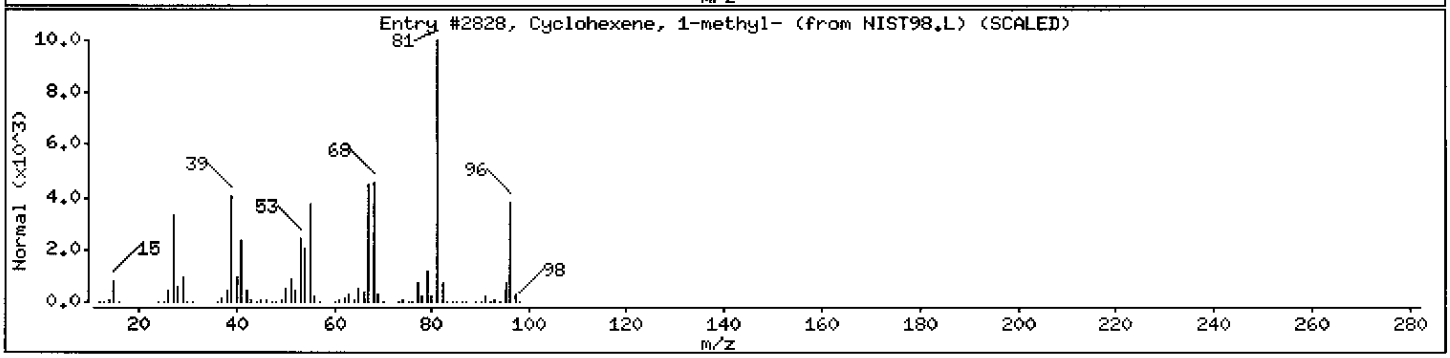
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
3,7,11,15-Tetramethyl-2-hexadecen-1-ol	102608-53-7	NIST98.L	115551	47	C20H40O	296
1,4-Eicosadiene	1000131-16-3	NIST98.L	105305	43	C20H38	278
Cyclohexene, 1-methyl-	591-49-1	NIST98.L	2828	43	C7H12	96









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Date : 25-AUG-2005 12:36

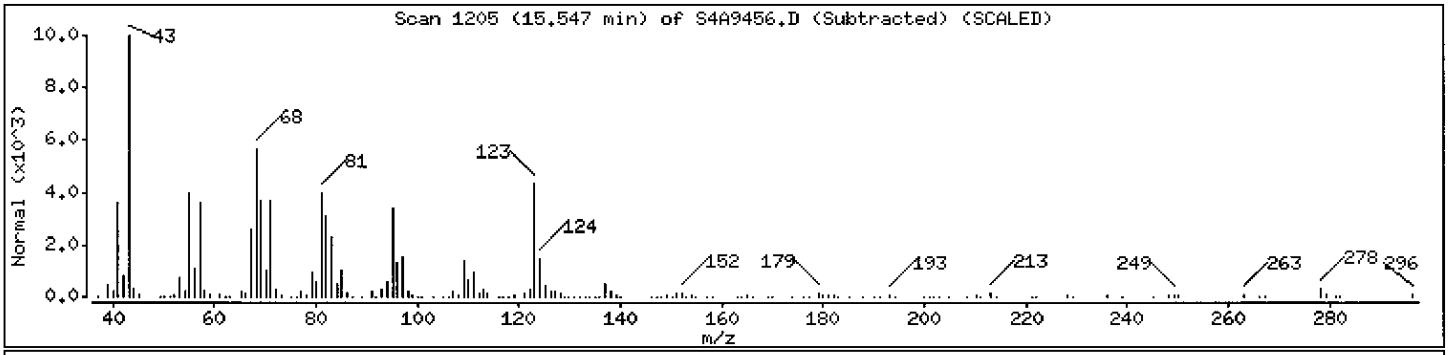
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 12:36

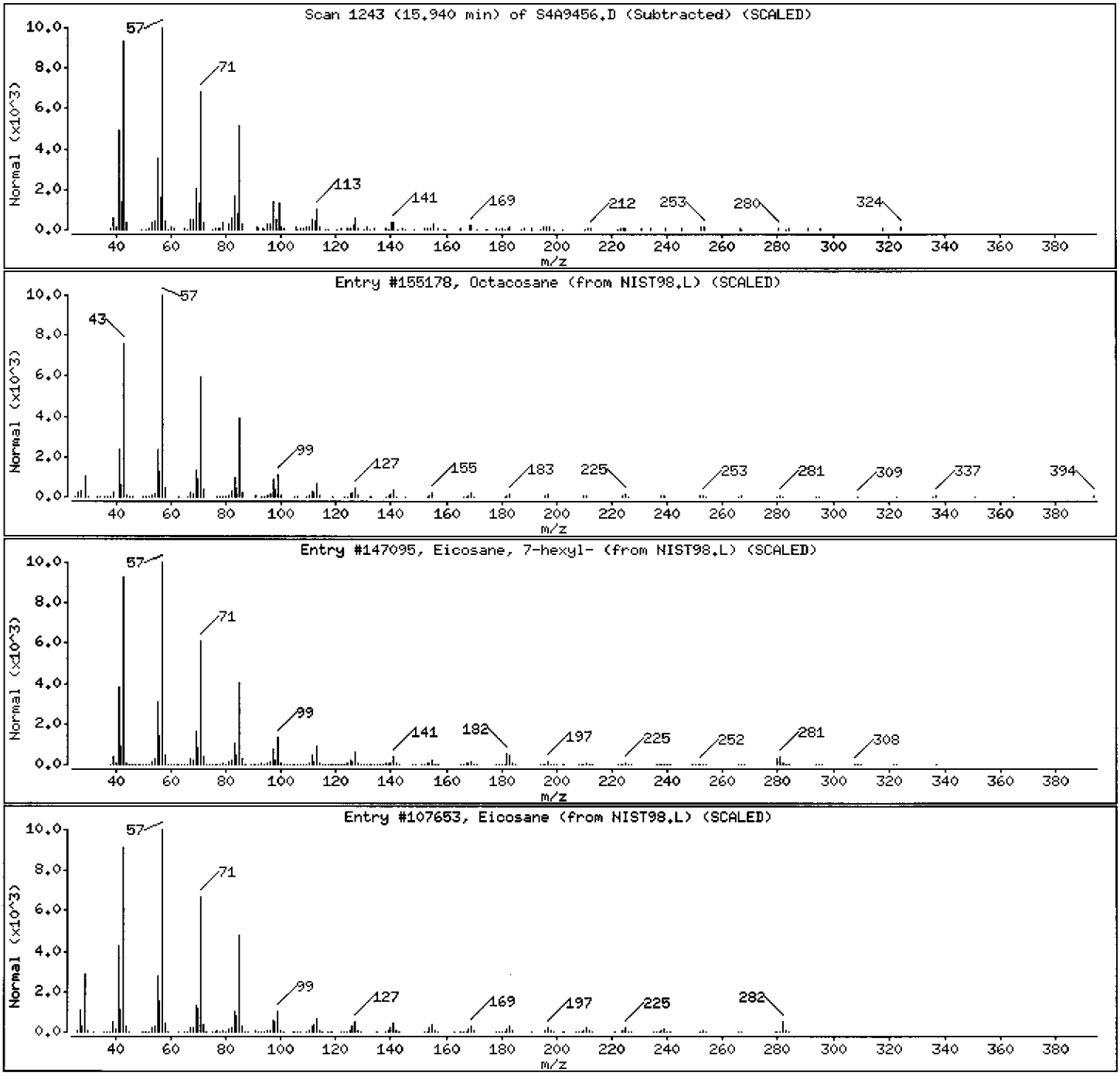
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Octacosane	630-02-4	NIST98.L	155178	91	C28H58	394
Eicosane, 7-hexyl-	55333-99-8	NIST98.L	147095	91	C26H54	366
Eicosane	112-95-8	NIST98.L	107653	90	C20H42	282



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Date : 25-AUG-2005 12:36

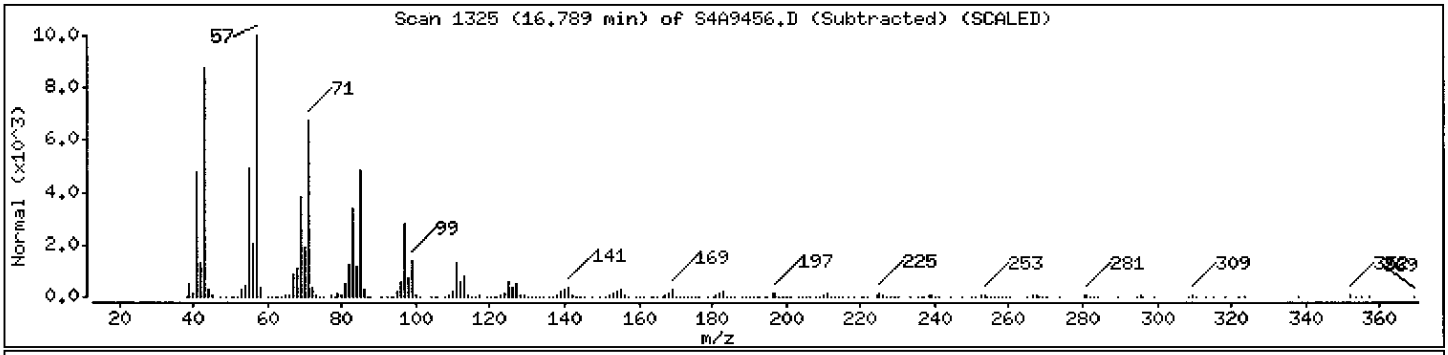
Client ID: SD11-S-0 Instrument: S4.i

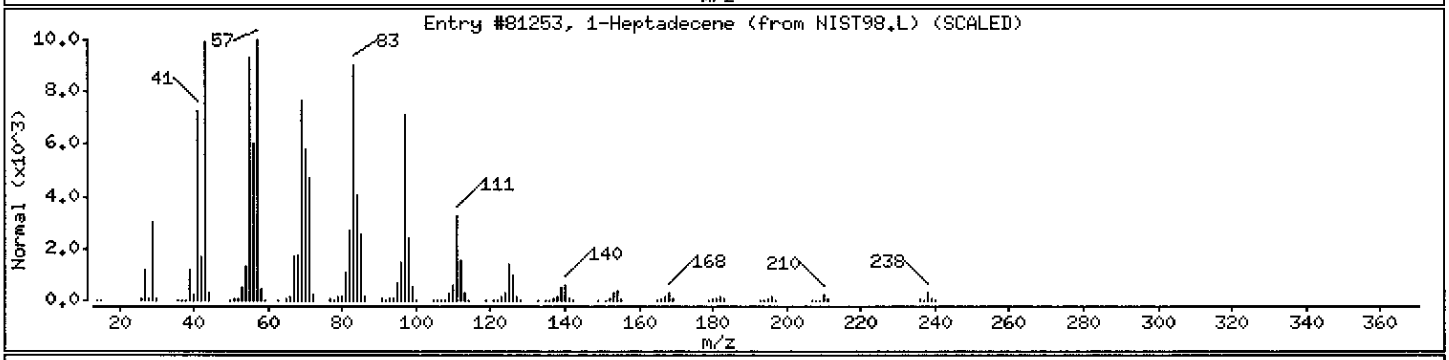
Sample Info: D0926-13A,,19468,,

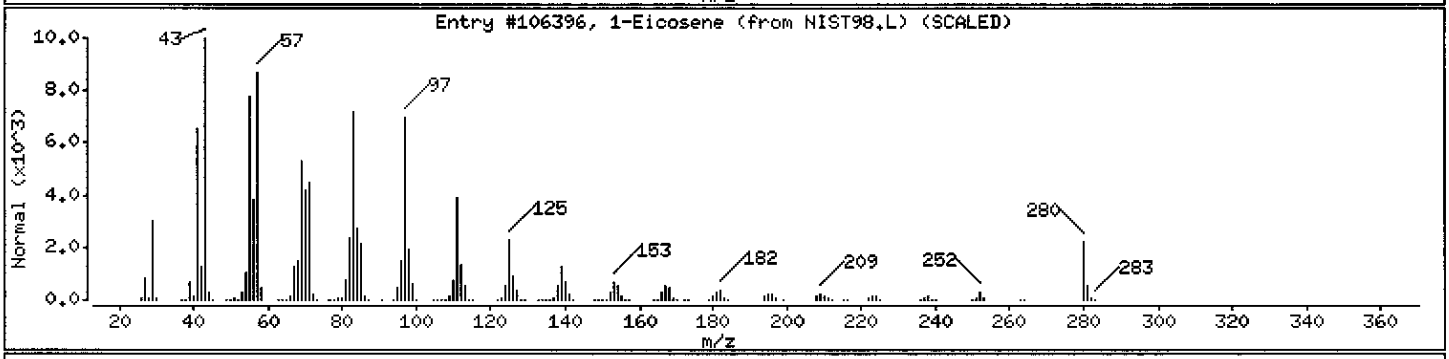
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

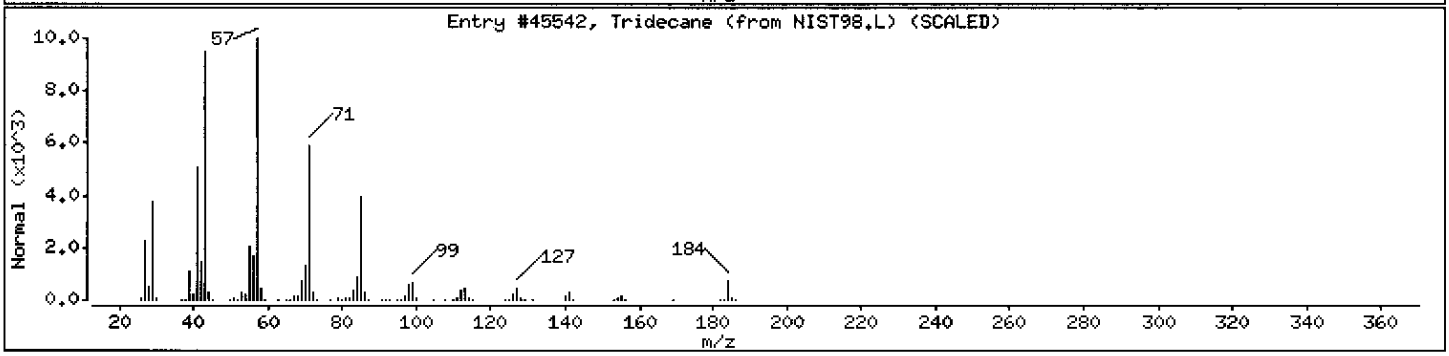
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Heptadecene	6765-39-5	NIST98.L	81253	95	C17H34	238
1-Eicosene	3452-07-1	NIST98.L	106396	92	C20H40	280
Tridecane	629-50-5	NIST98.L	45542	89	C13H28	184









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Date : 25-AUG-2005 12:36

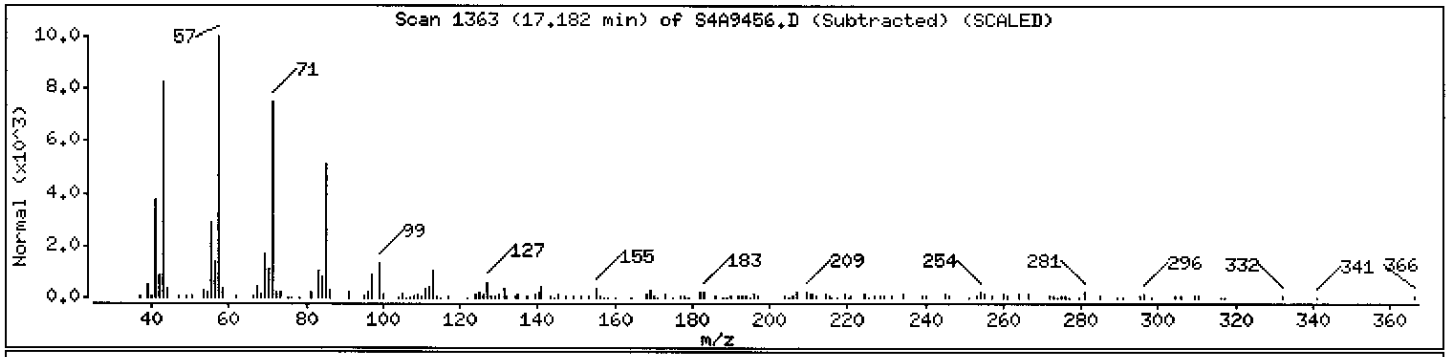
Client ID: SD11-S-0 Instrument: S4.i

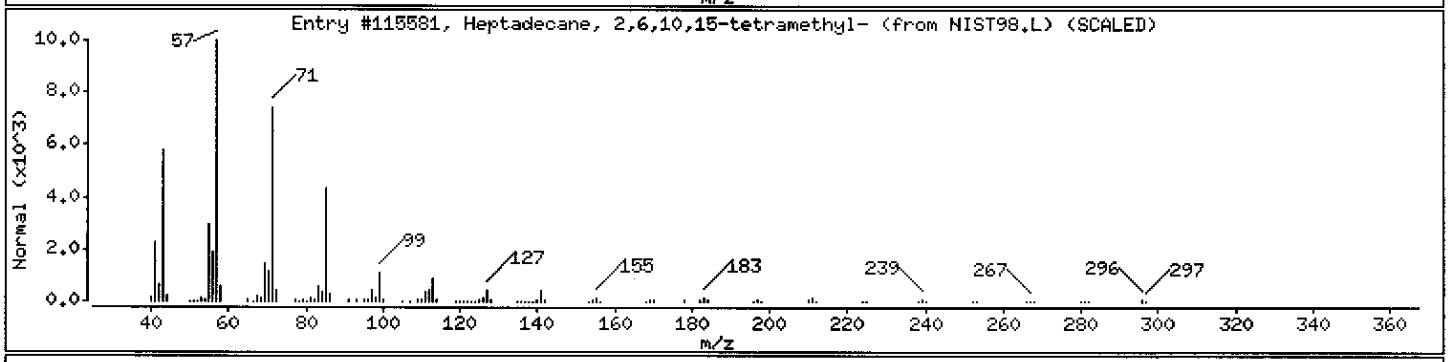
Sample Info: D0926-13A,,19468,,

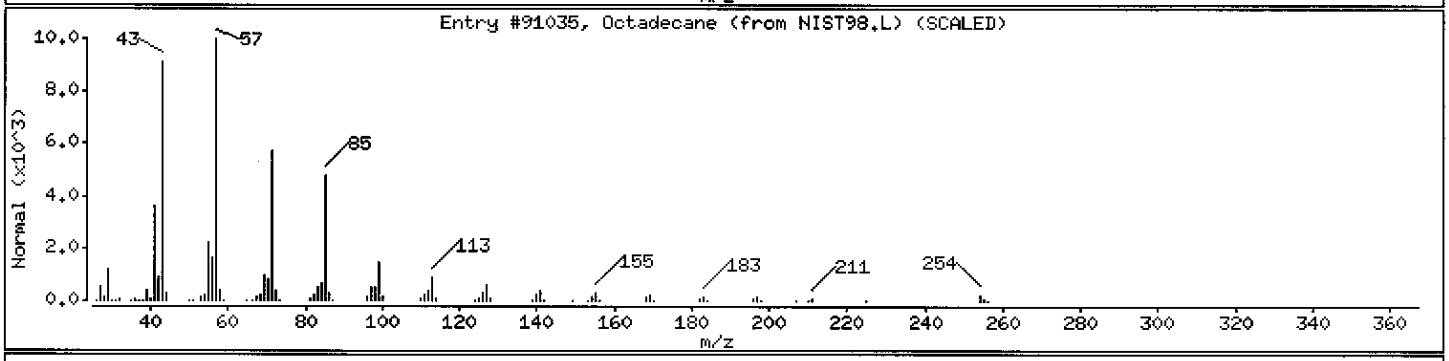
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

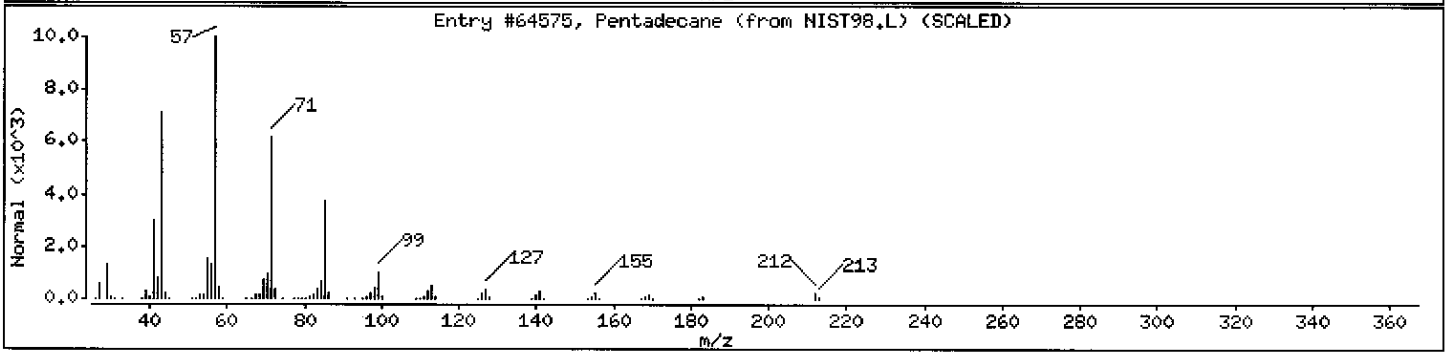
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST98.L	115581	95	C21H44	296
Octadecane	593-45-3	NIST98.L	91035	93	C18H38	254
Pentadecane	629-62-9	NIST98.L	64575	93	C15H32	212









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Date : 25-AUG-2005 12:36

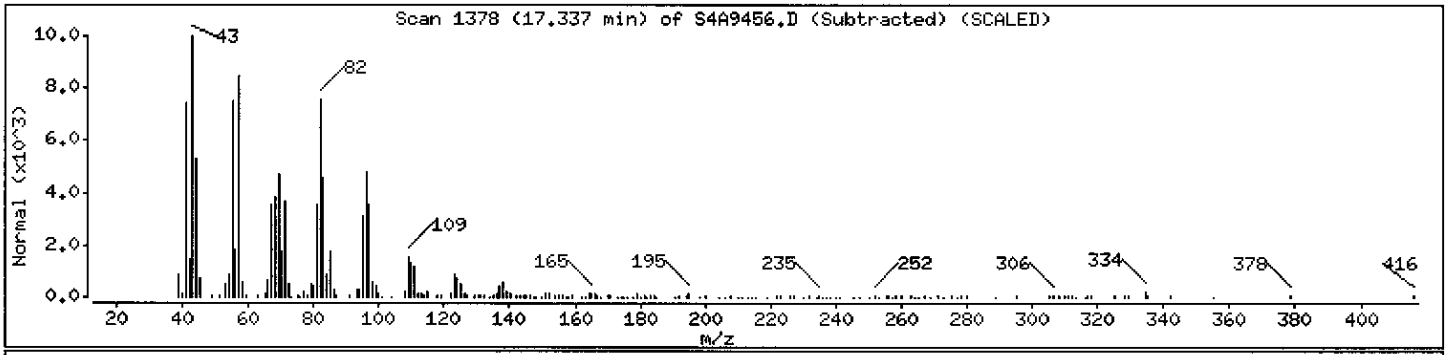
Client ID: SD11-S-0 Instrument: S4.i

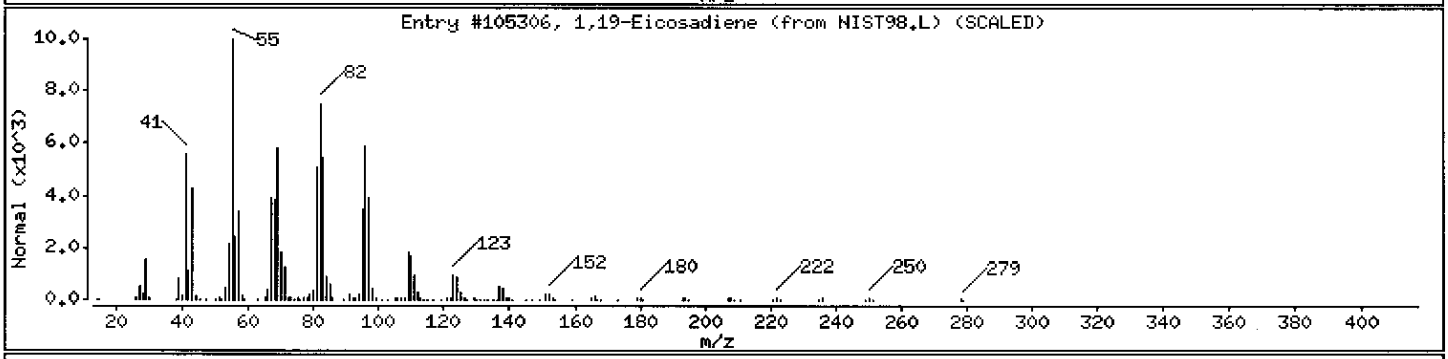
Sample Info: D0926-13A,,19468,,

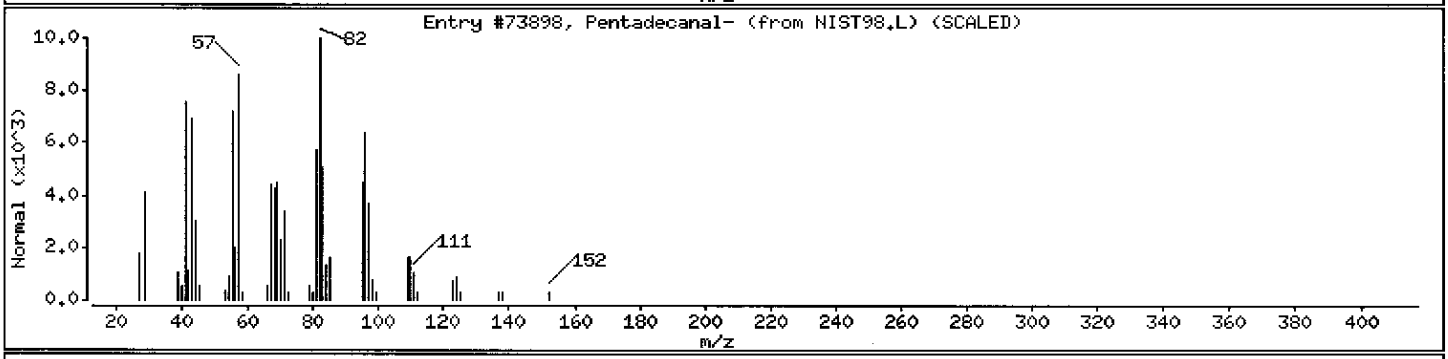
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

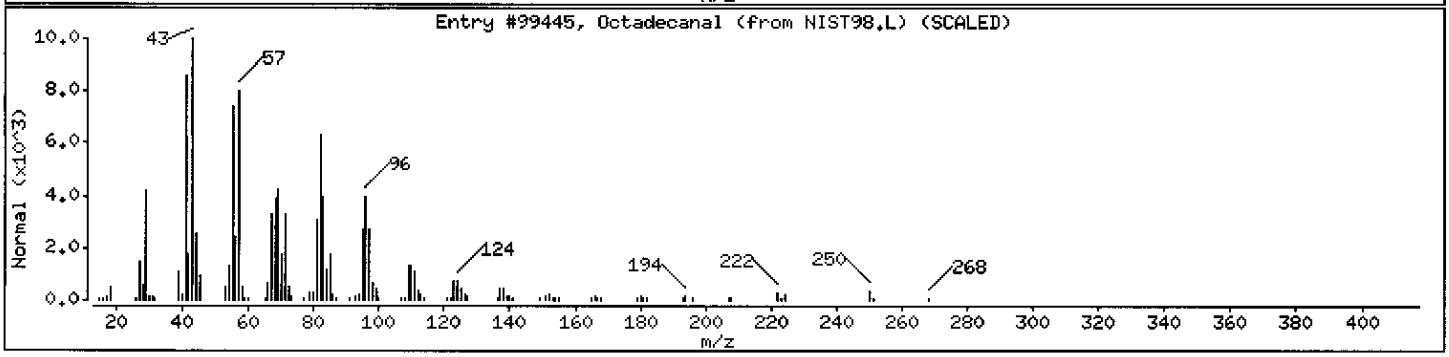
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1,19-Eicosadiene	14811-95-1	NIST98.L	105306	95	C20H38	278
Pentadecanal-	2765-11-9	NIST98.L	73898	90	C15H30O	226
Octadecanal	638-66-4	NIST98.L	99445	90	C18H36O	268









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Date : 25-AUG-2005 12:36

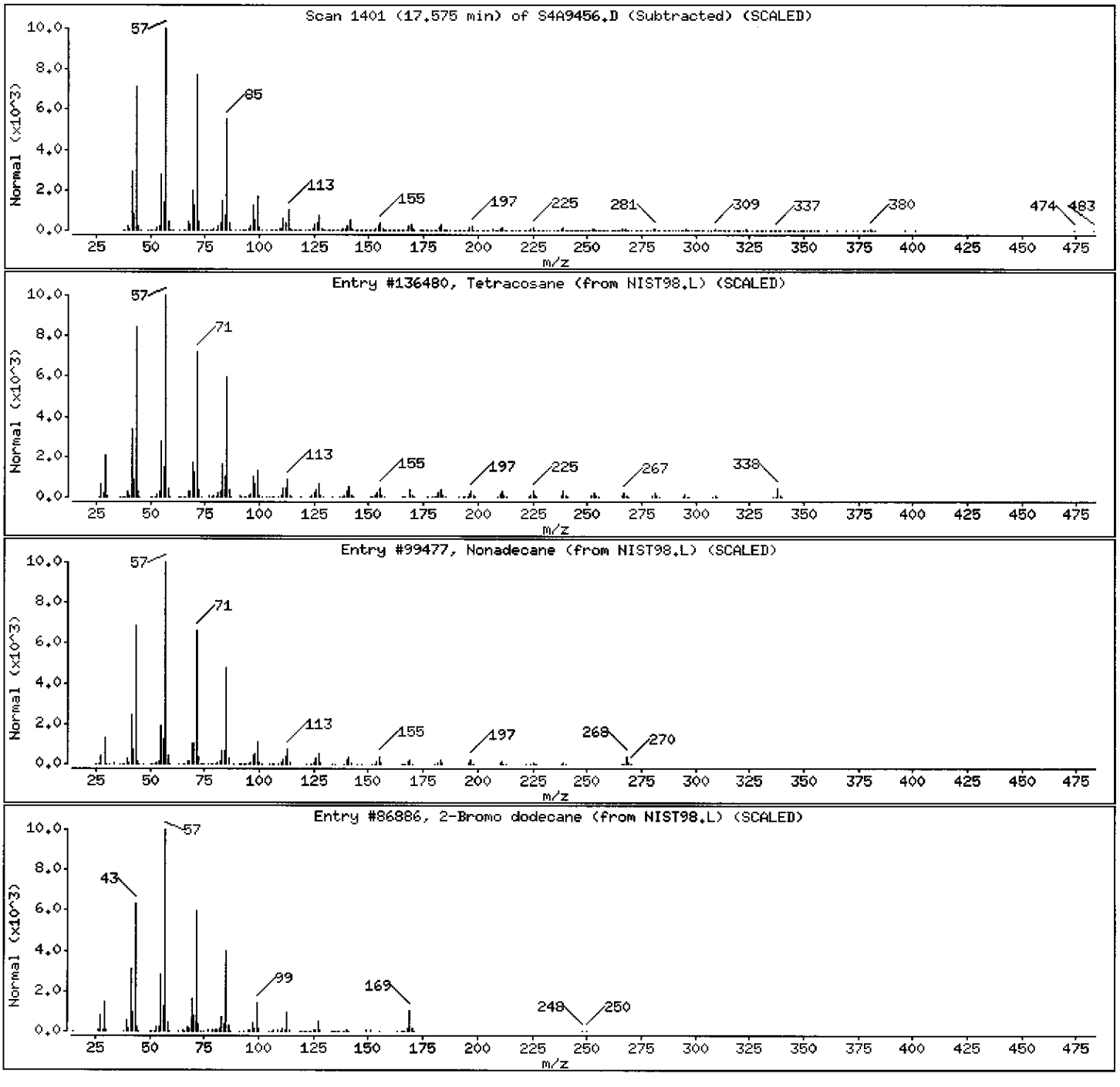
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Tetracosane	646-31-1	NIST98.L	136480	96	C24H50	338
Nonadecane	629-92-5	NIST98.L	99477	95	C19H40	268
2-Bromo dodecane	13187-99-0	NIST98.L	86886	94	C12H25Br	248



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Date : 25-AUG-2005 12:36

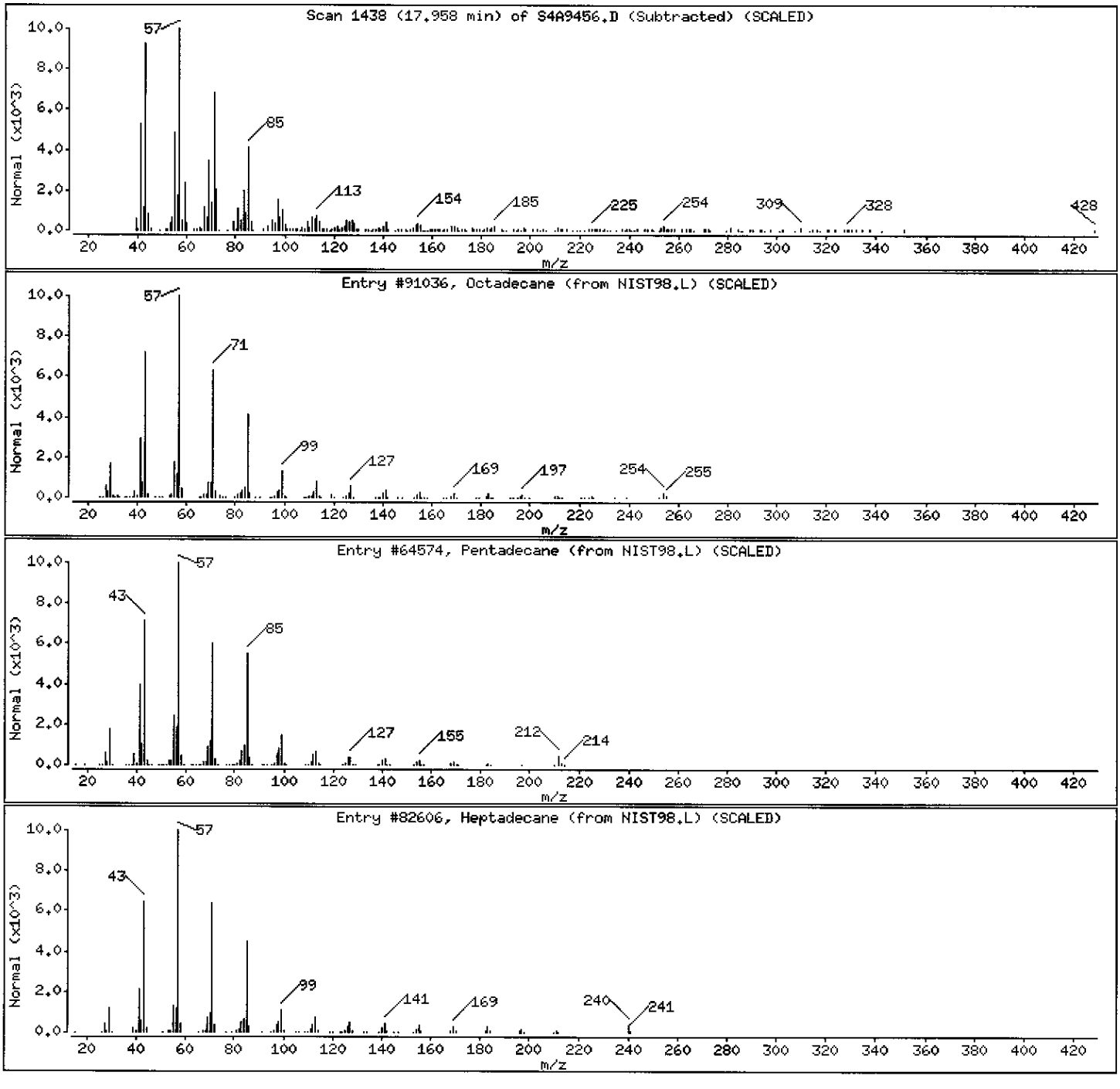
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Octadecane	593-45-3	NIST98.L	91036	95	C18H38	254
Pentadecane	629-62-9	NIST98.L	64574	91	C15H32	212
Heptadecane	629-78-7	NIST98.L	82606	78	C17H36	240



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Date : 25-AUG-2005 12:36

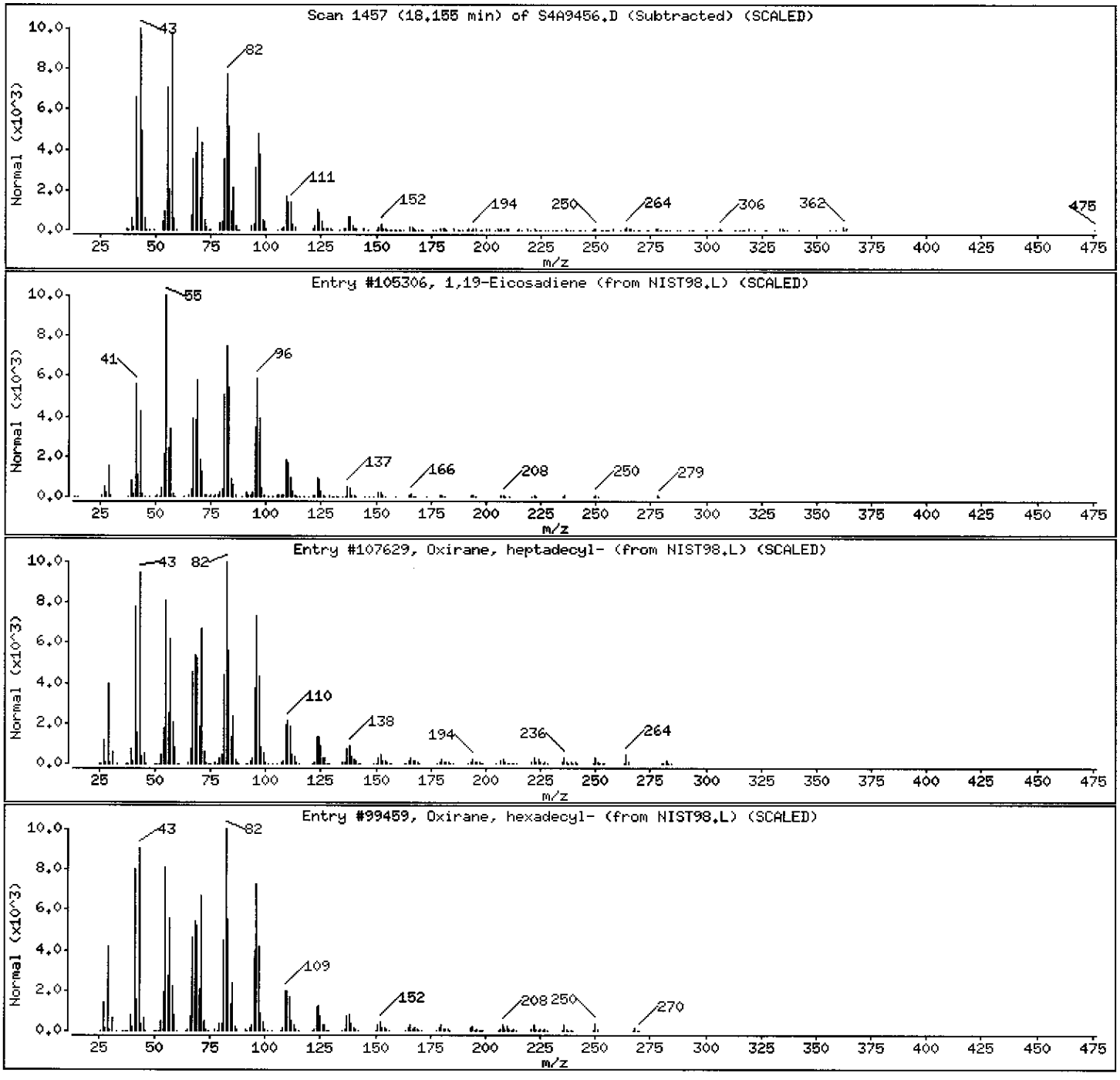
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1,19-Eicosadiene	14811-95-1	NIST98.L	105306	95	C20H38	278
Oxirane, heptadecyl-	67860-04-2	NIST98.L	107629	91	C19H380	282
Oxirane, hexadecyl-	7390-81-0	NIST98.L	99459	91	C18H360	268



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Date : 25-AUG-2005 12:36

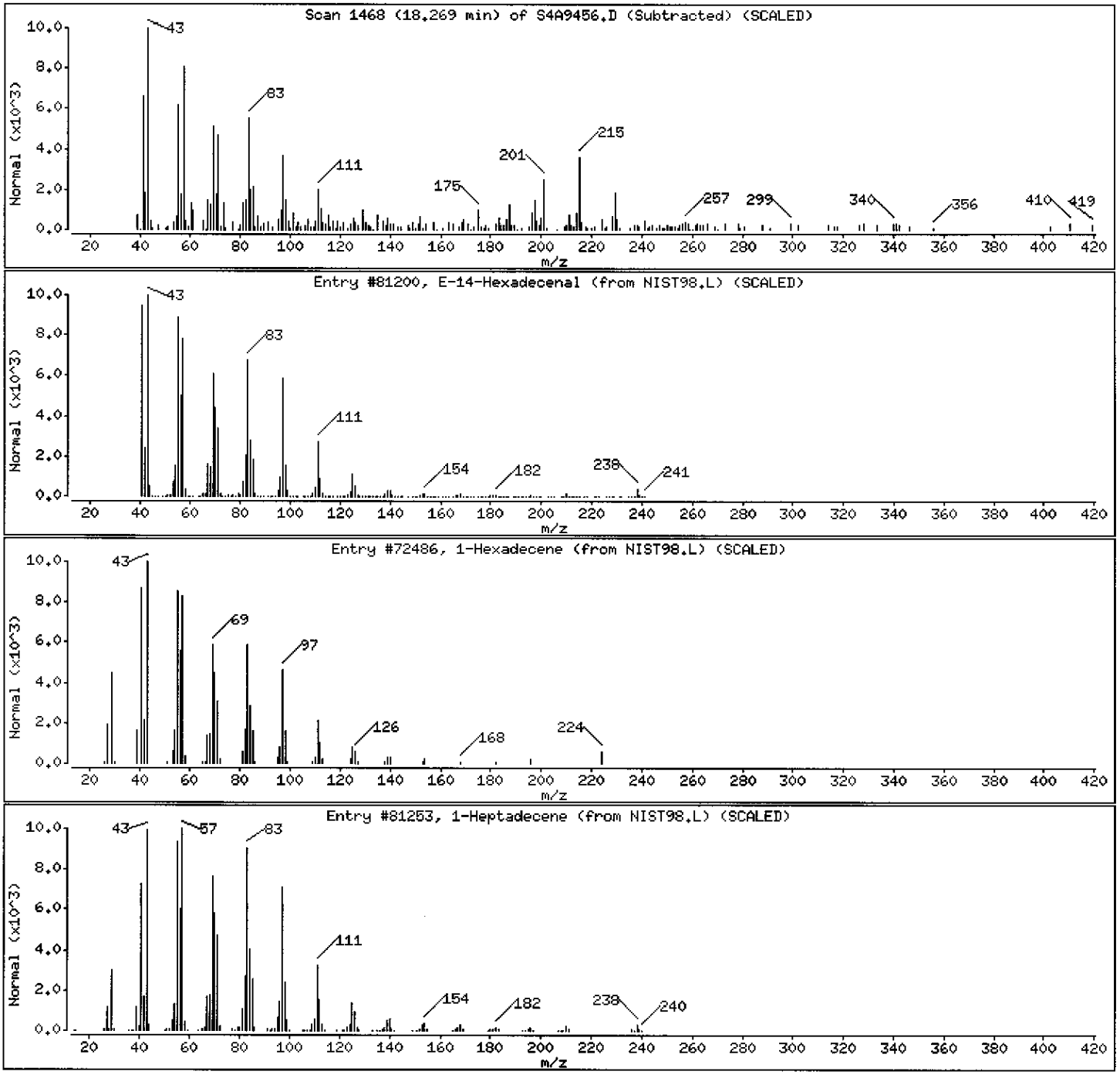
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
E-14-Hexadecenal	330207-53-9	NIST98.L	81200	78	C16H30O	238
1-Hexadecene	629-73-2	NIST98.L	72486	78	C16H32	224
1-Heptadecene	6765-39-5	NIST98.L	81253	78	C17H34	238



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Date : 25-AUG-2005 12:36

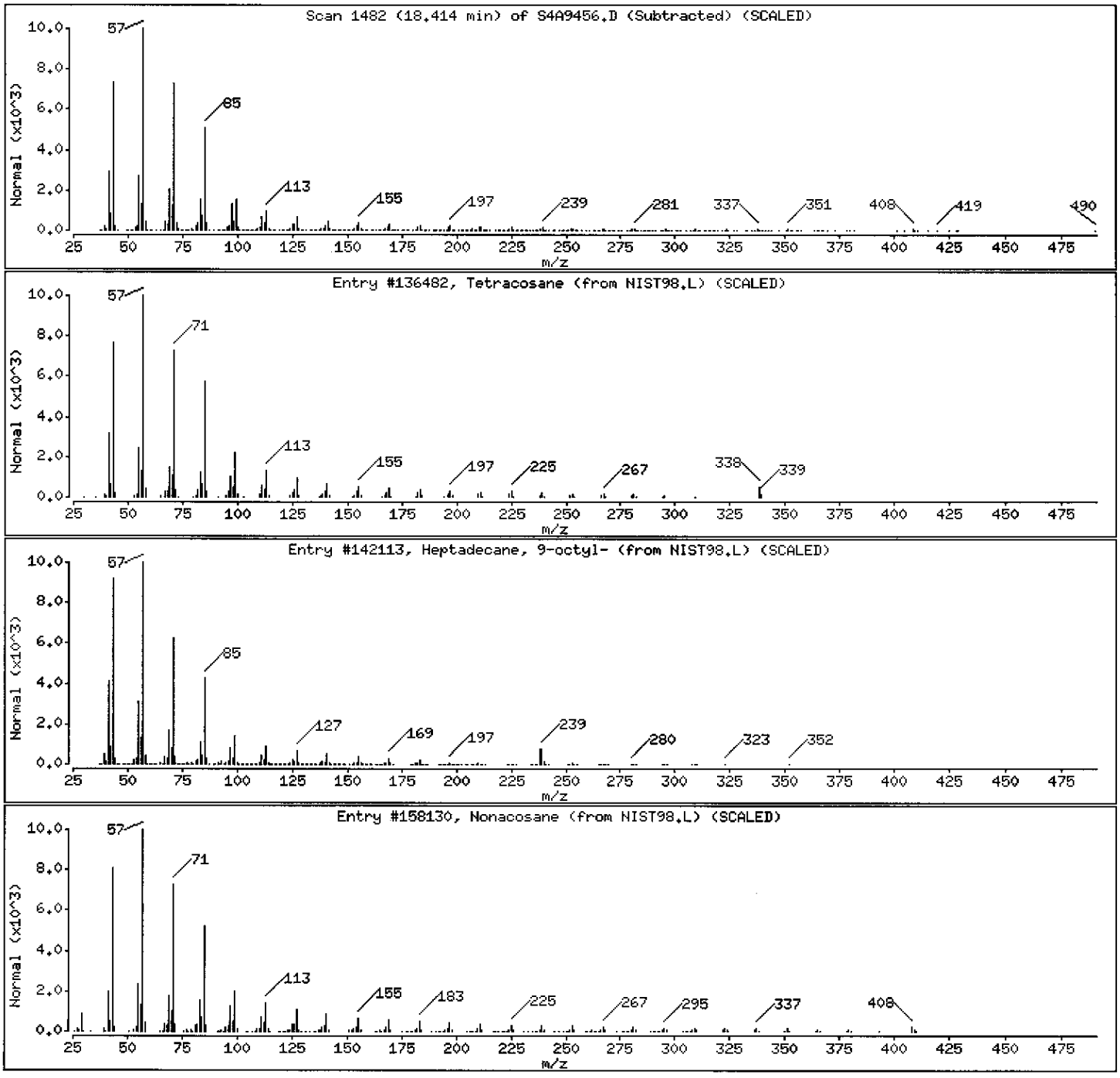
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Tetracosane	646-31-1	NIST98.L	136482	97	C24H50	338
Heptadecane, 9-octyl-	7225-64-1	NIST98.L	142113	95	C25H52	352
Nonacosane	630-03-5	NIST98.L	158130	95	C29H60	408



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Date : 25-AUG-2005 12:36

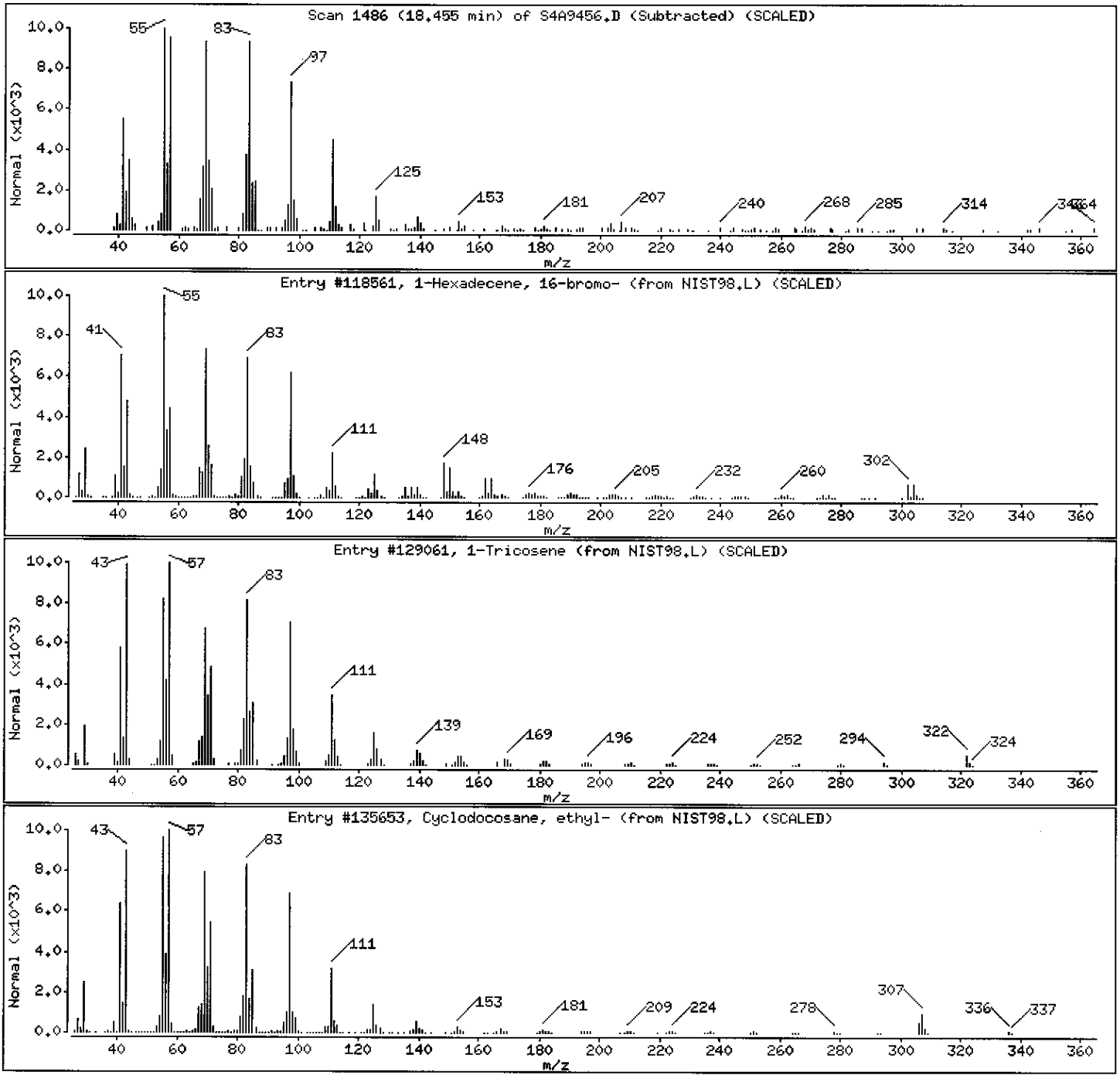
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Hexadecene, 16-bromo-	118625-56-2	NIST98.L	118561	72	C16H31Br	302
1-Tricosene	18835-32-0	NIST98.L	129061	62	C23H46	322
Cyclodocosane, ethyl-	1000151-22-6	NIST98.L	135653	58	C24H48	336



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Date : 25-AUG-2005 12:36

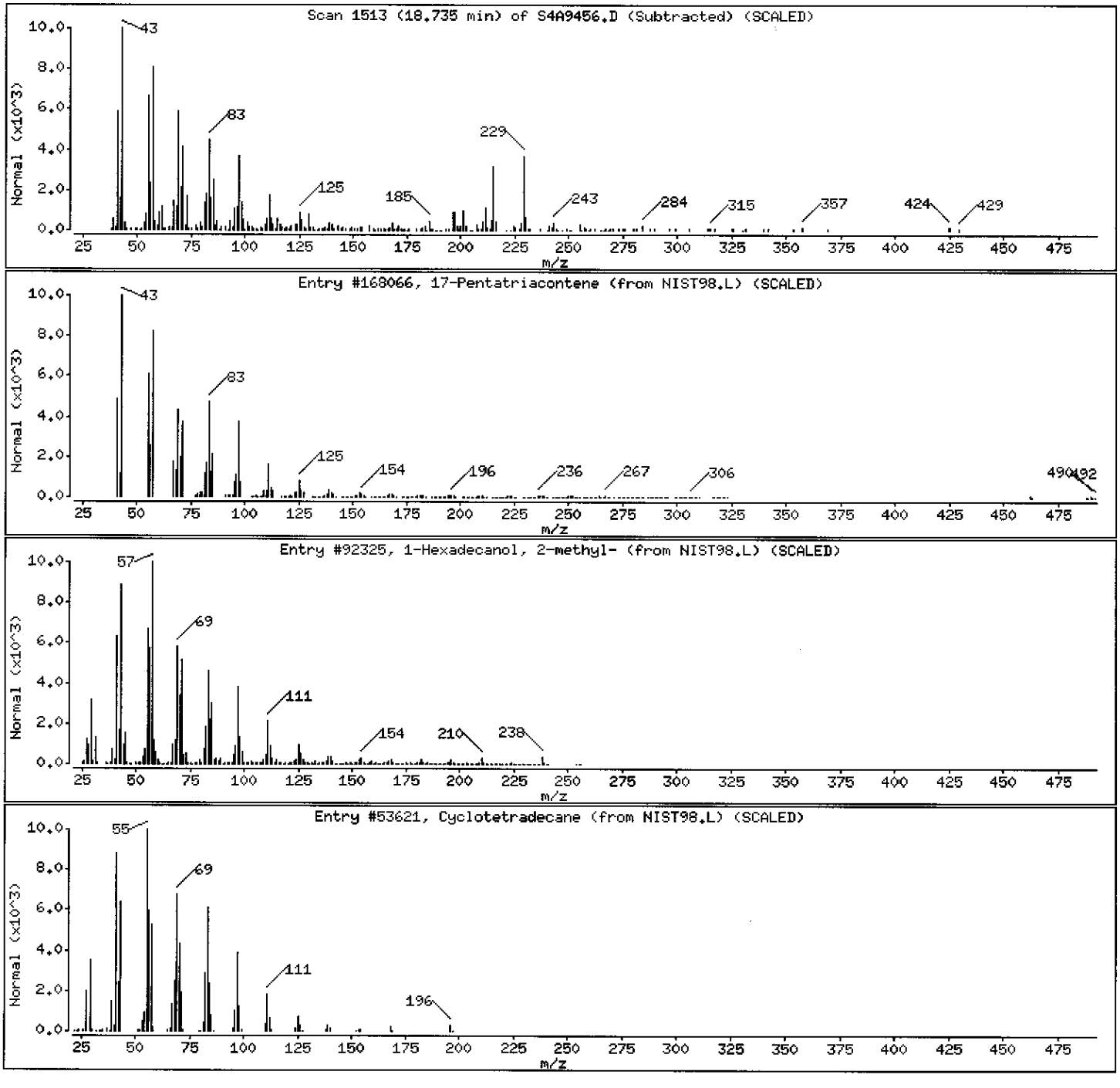
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
17-Pentatriacontene	6971-40-0	NIST98.L	168066	91	C35H70	491
1-Hexadecanol, 2-methyl-	2490-48-4	NIST98.L	92325	89	C17H36O	256
Cyclotetradecane	295-17-0	NIST98.L	53621	72	C14H28	196



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Date : 25-AUG-2005 12:36

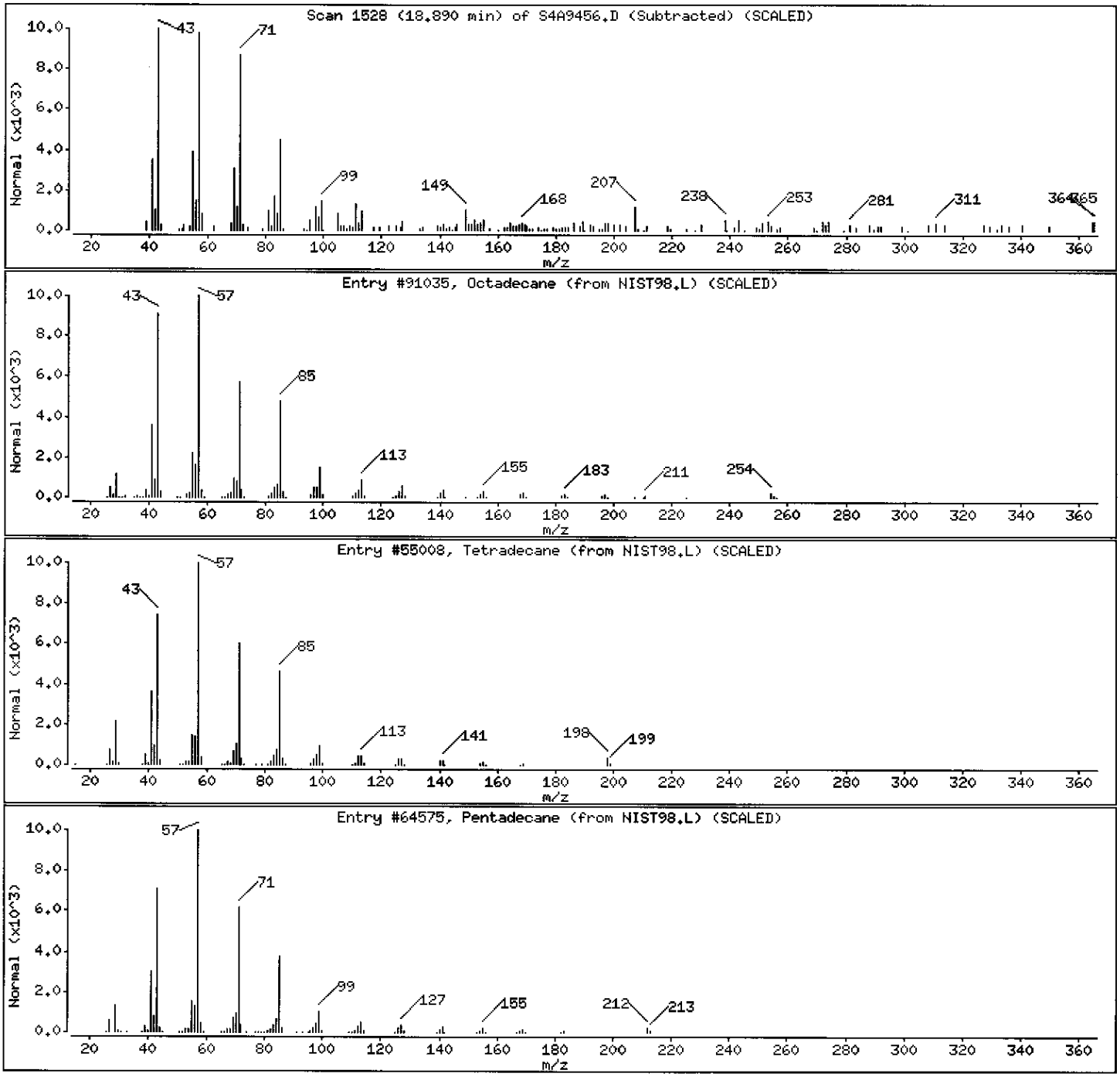
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Octadecane	593-45-3	NIST98.L	91035	95	C18H38	254
Tetradecane	629-59-4	NIST98.L	55008	86	C14H30	198
Pentadecane	629-62-9	NIST98.L	64575	58	C15H32	212



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Date : 25-AUG-2005 12:36

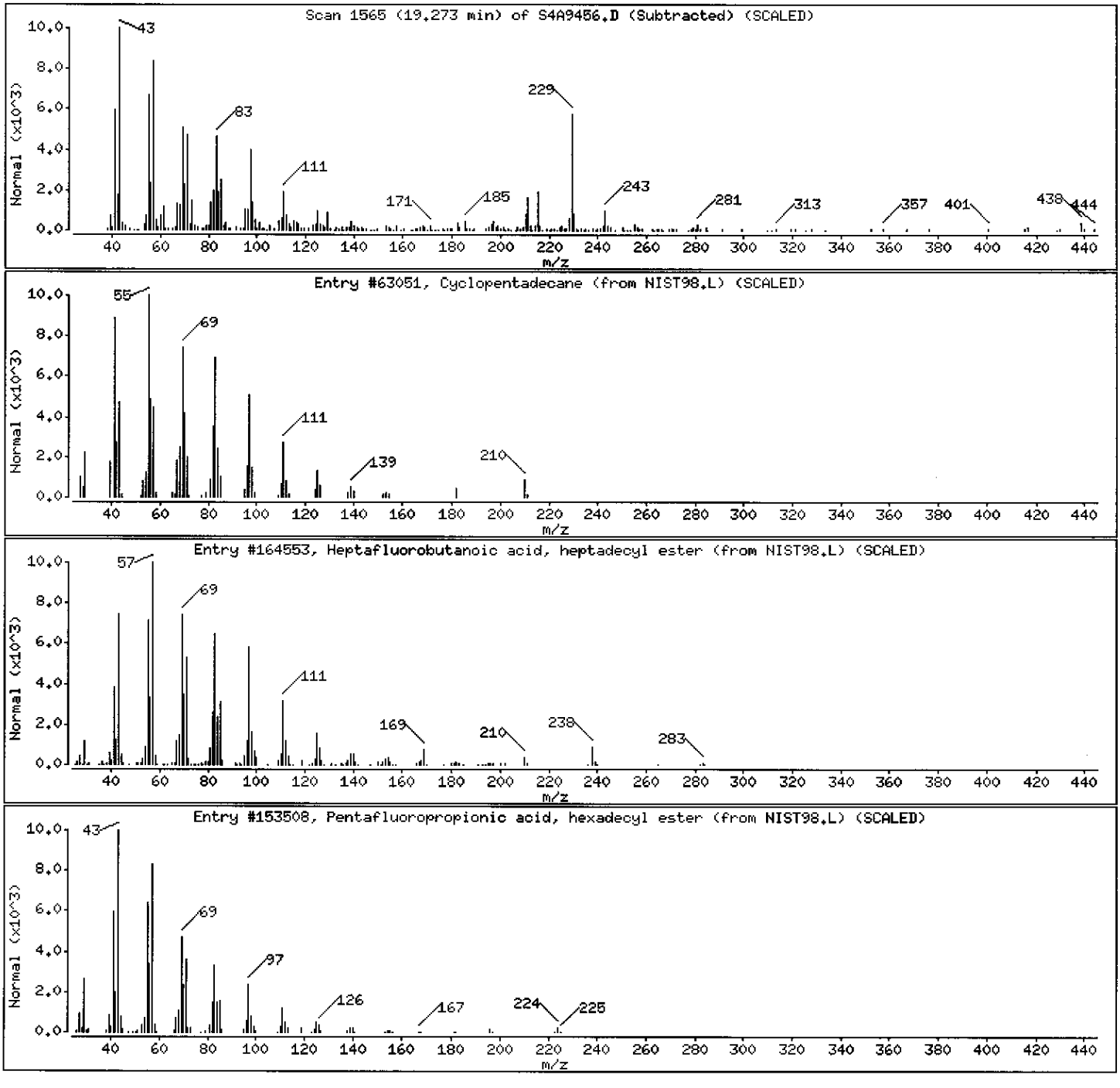
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclopentadecane	295-48-7	NIST98.L	63051	95	C15H30	210
Heptafluorobutanoic acid, heptadecyl est	1000282-97-3	NIST98.L	164553	86	C21H35F7O2	452
Pentafluoropropionic acid, hexadecyl est	6222-07-7	NIST98.L	153508	70	C19H33F5O2	388



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Date : 25-AUG-2005 12:36

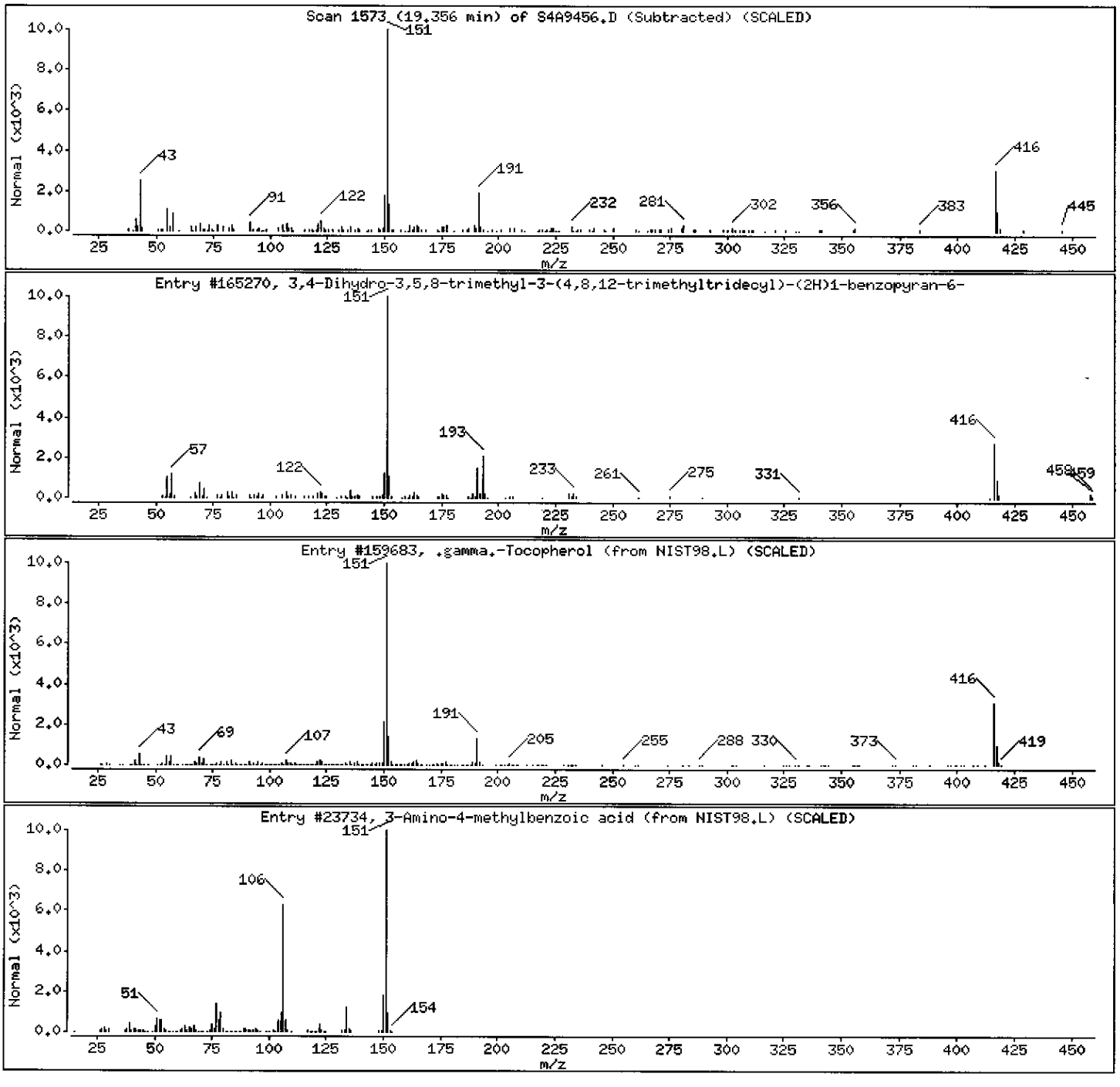
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
3,4-Dihydro-3,5,8-trimethyl-3-(4,8,12-tr	1000105-71-9	NIST98.L	165270	90	C30H5003	458
.gamma.-Tocopherol	7616-22-0	NIST98.L	159683	81	C28H4802	416
3-Amino-4-methylbenzoic acid	2458-12-0	NIST98.L	23734	49	C8H9NO2	151



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Date : 25-AUG-2005 12:36

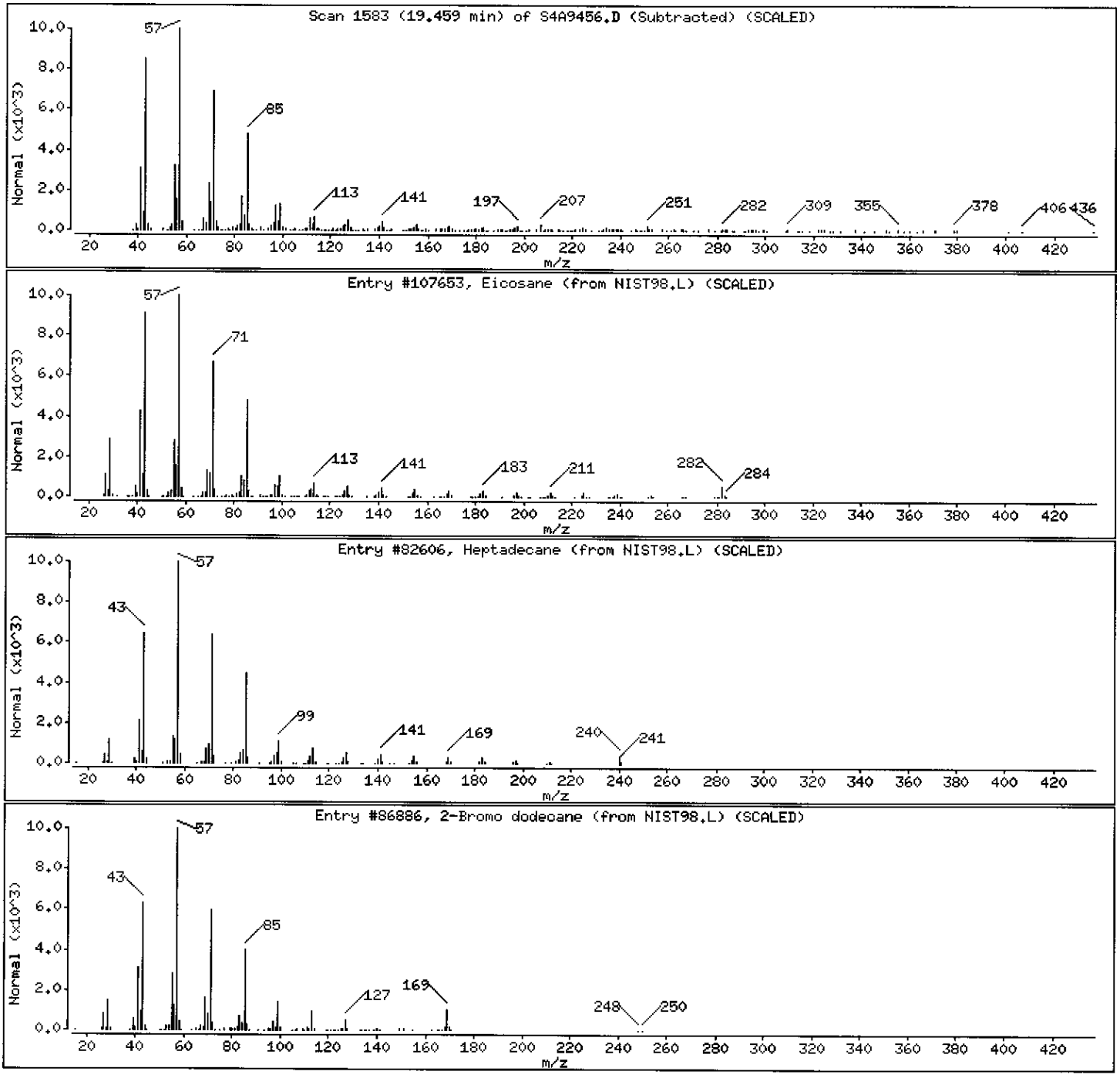
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Eicosane	112-95-8	NIST98.L	107653	95	C20H42	282
Heptadecane	629-78-7	NIST98.L	82606	93	C17H36	240
2-Bromo dodecane	13187-99-0	NIST98.L	86886	91	C12H25Br	248



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Date : 25-AUG-2005 12:36

Client ID: SD11-S-O

Instrument: S4.i

Sample Info: D0926-13A,,19468,,

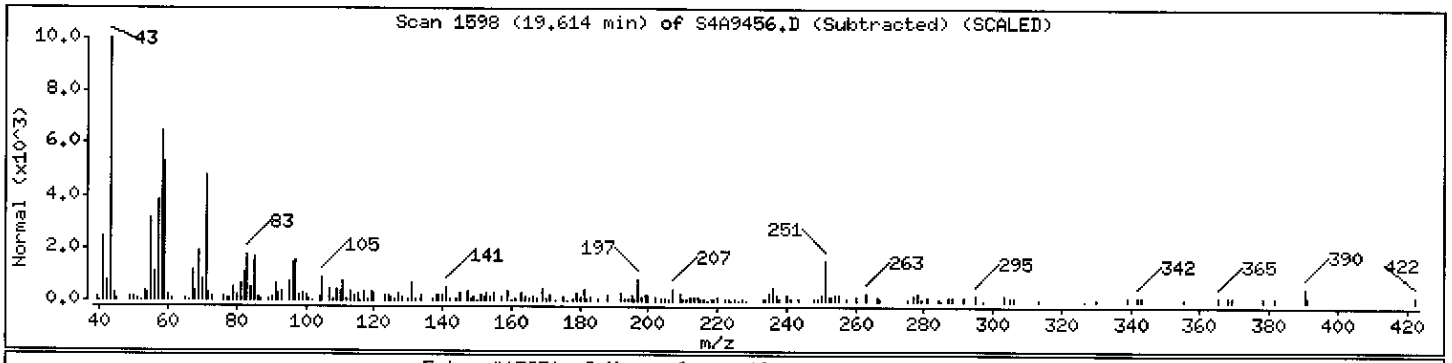
Volume Injected (uL): 2.0

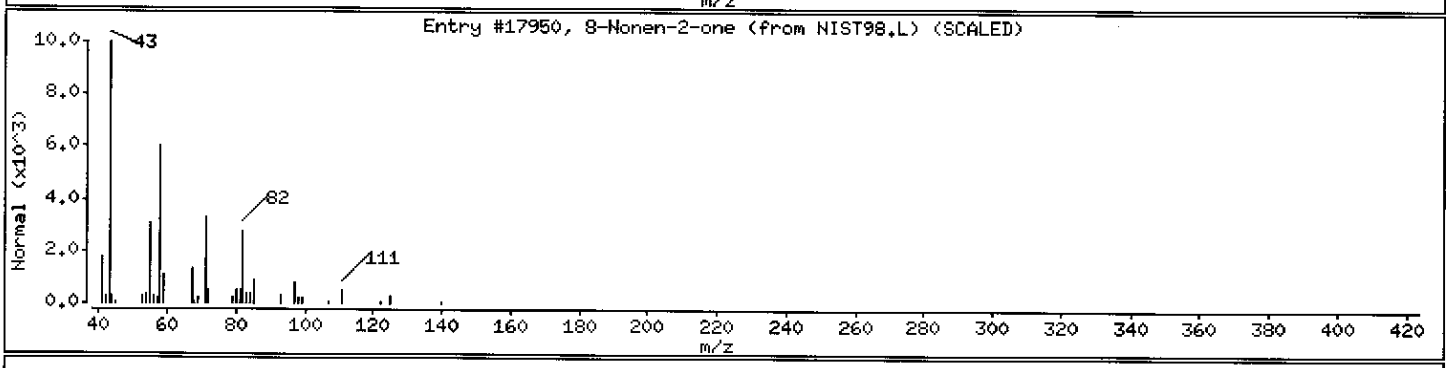
Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
8-Nonen-2-one	5009-32-5	NIST98.L	17950	49	C9H16O	140





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Date : 25-AUG-2005 12:36

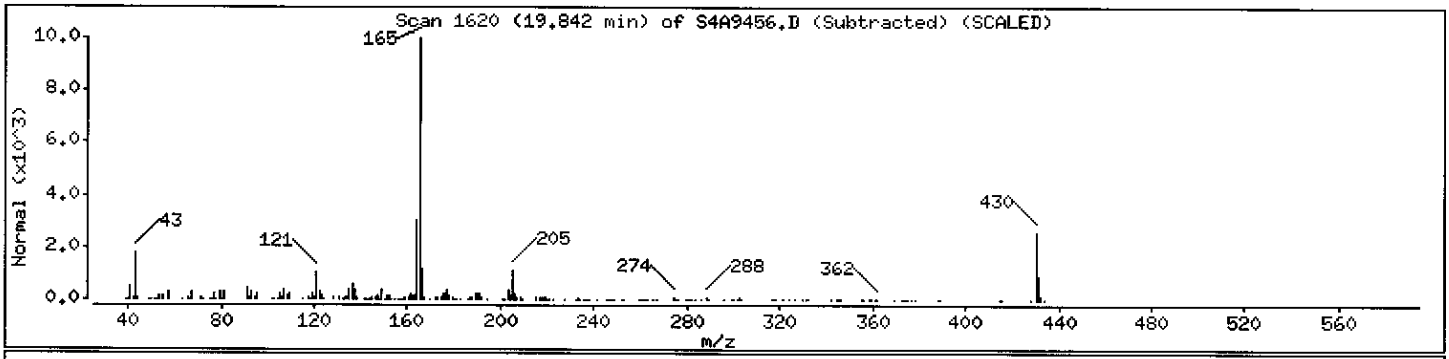
Client ID: SD11-S-0 Instrument: S4.i

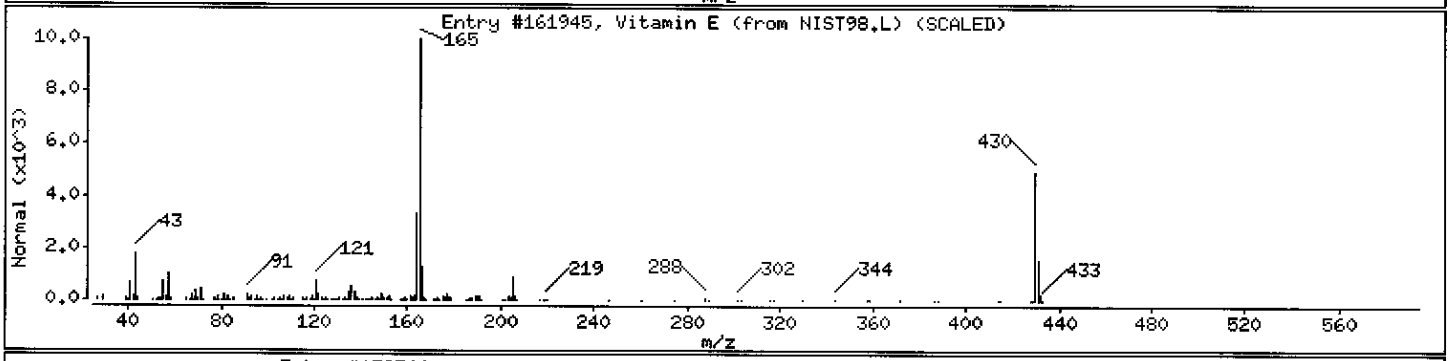
Sample Info: D0926-13A,,19468,,

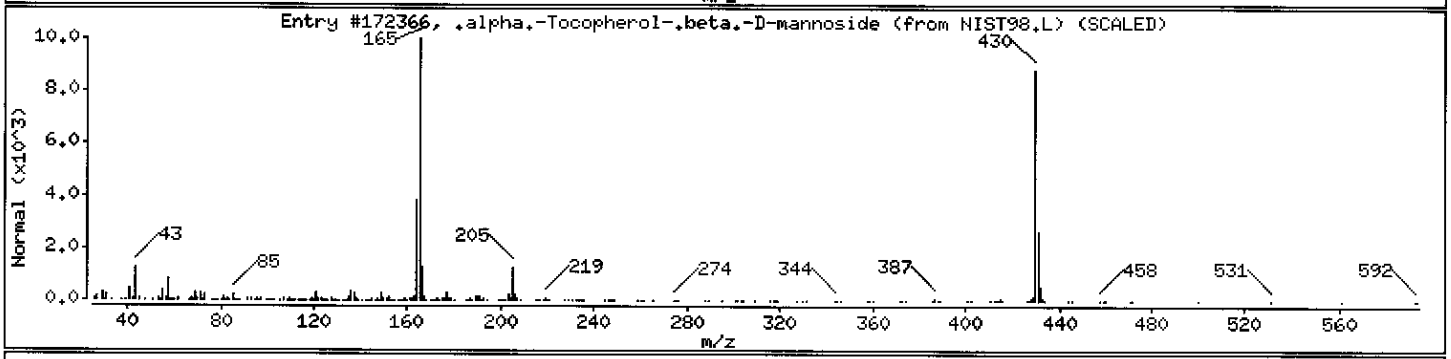
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

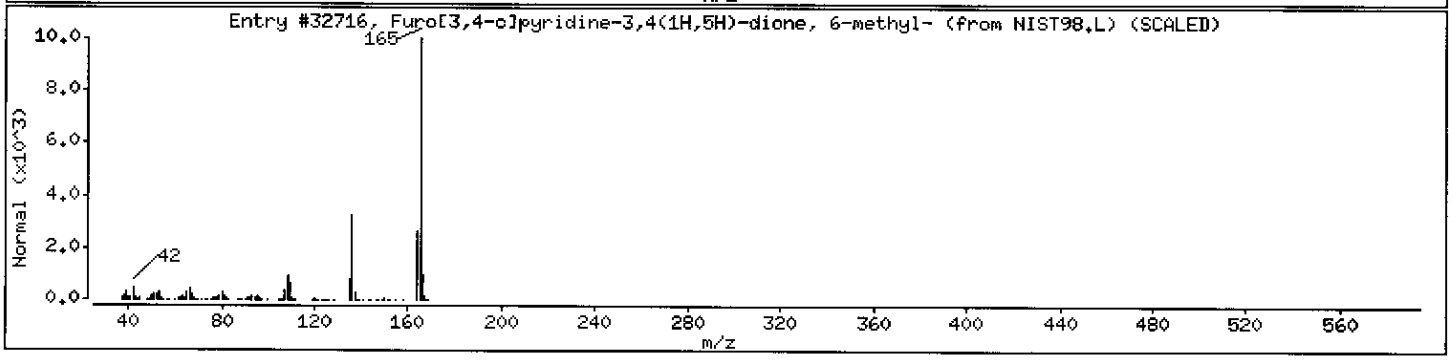
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Vitamin E	59-02-9	NIST98.L	161945	98	C29H5002	430
.alpha.-Tocopherol-.beta.-D-mannoside	1000156-68-2	NIST98.L	172366	64	C35H6007	592
Furo[3,4-c]pyridine-3,4(1H,5H)-dione, 6-	7472-18-6	NIST98.L	32716	50	C8H7N03	165









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Date : 25-AUG-2005 12:36

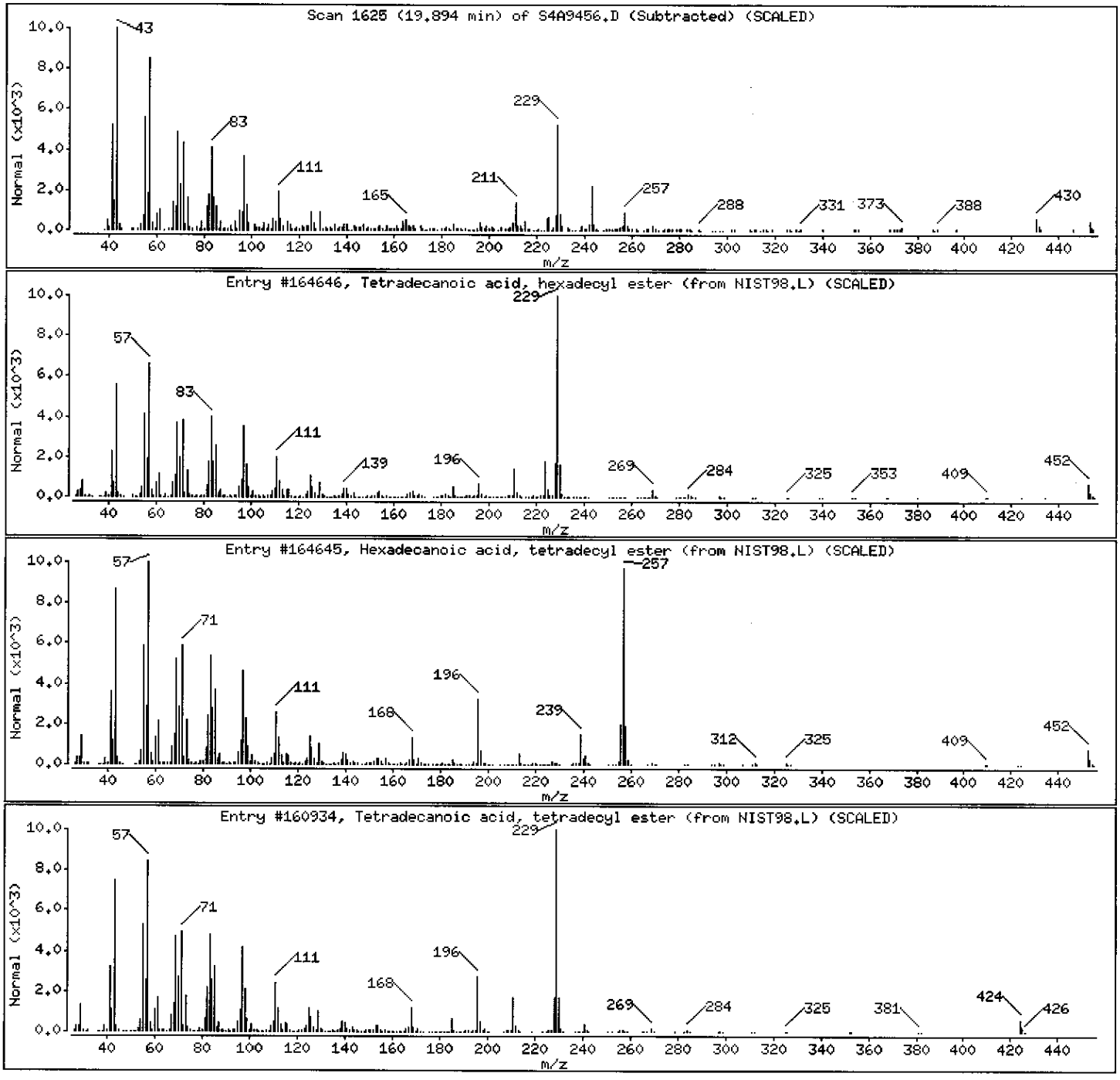
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetradecanoic acid, hexadecyl ester	2599-01-1	NIST98.L	164646	91	C30H6002	452
Hexadecanoic acid, tetradecyl ester	4536-26-9	NIST98.L	164645	60	C30H6002	452
Tetradecanoic acid, tetradecyl ester	3234-85-3	NIST98.L	160934	43	C28H5602	424



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Date : 25-AUG-2005 12:36

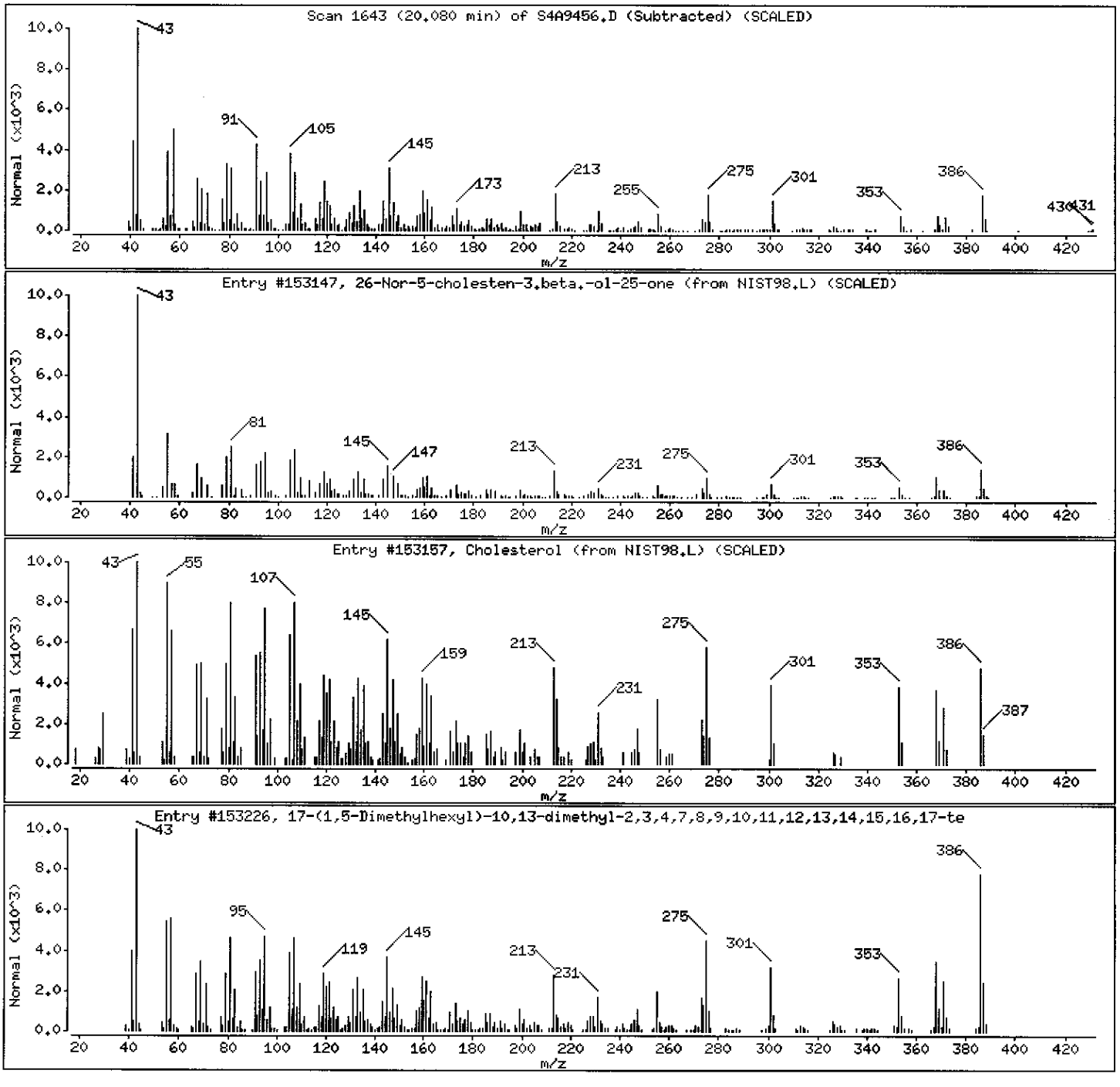
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
26-Nor-5-cholesten-3.beta.-ol-25-one	7494-34-0	NIST98.L	153147	94	C26H4202	386
Cholesterol	57-88-5	NIST98.L	153157	83	C27H460	386
17-(1,5-Dimethylhexyl)-10,13-dimethyl-2,	1000210-38-4	NIST98.L	153226	80	C27H460	386



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Date : 25-AUG-2005 12:36

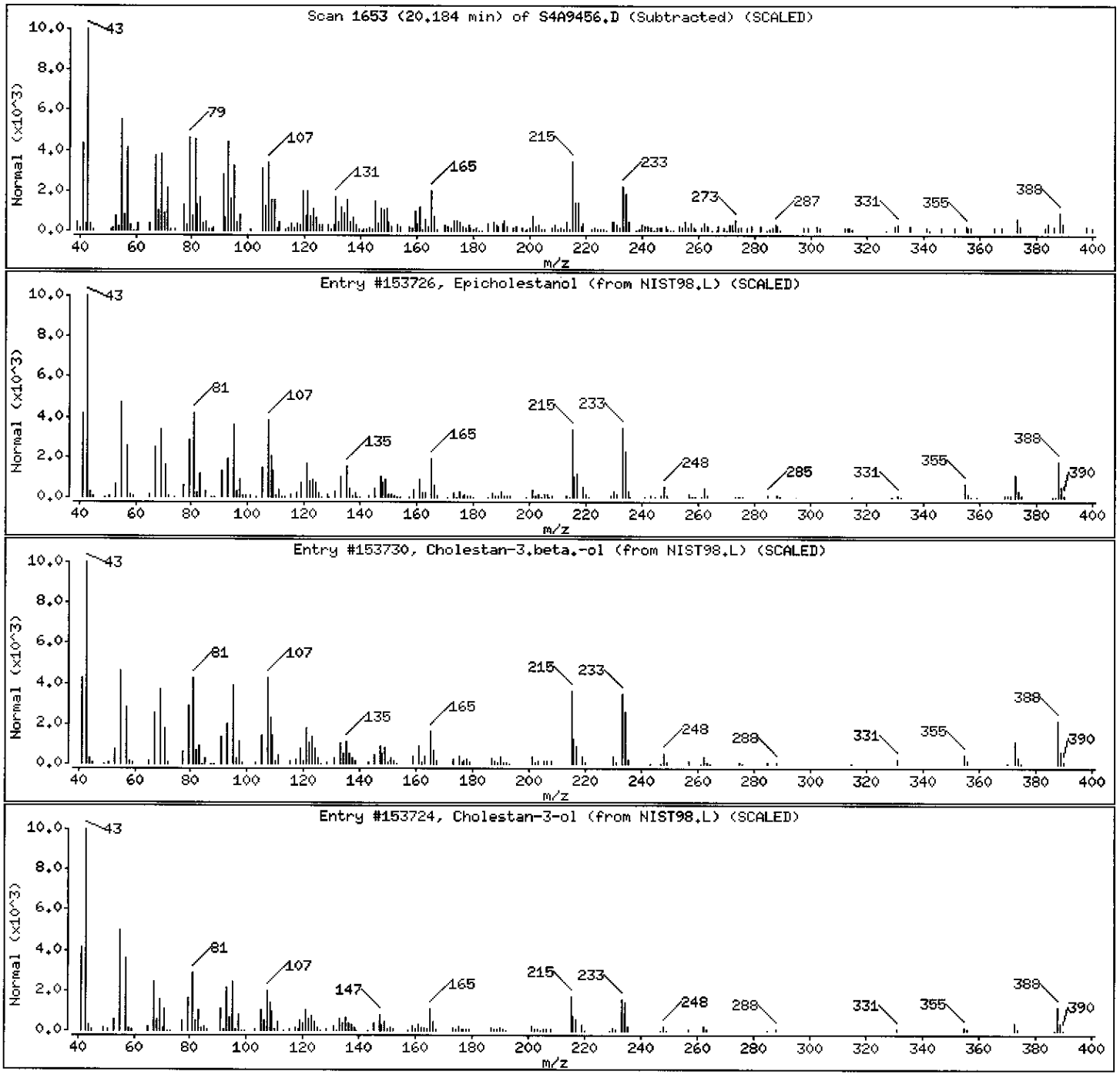
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Epicholestanol	516-95-0	NIST98.L	153726	87	C27H48O	388
Cholestan-3.beta.-ol	17608-41-2	NIST98.L	153730	64	C27H48O	388
Cholestan-3-ol	27409-41-2	NIST98.L	153724	55	C27H48O	388



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Date : 25-AUG-2005 12:36

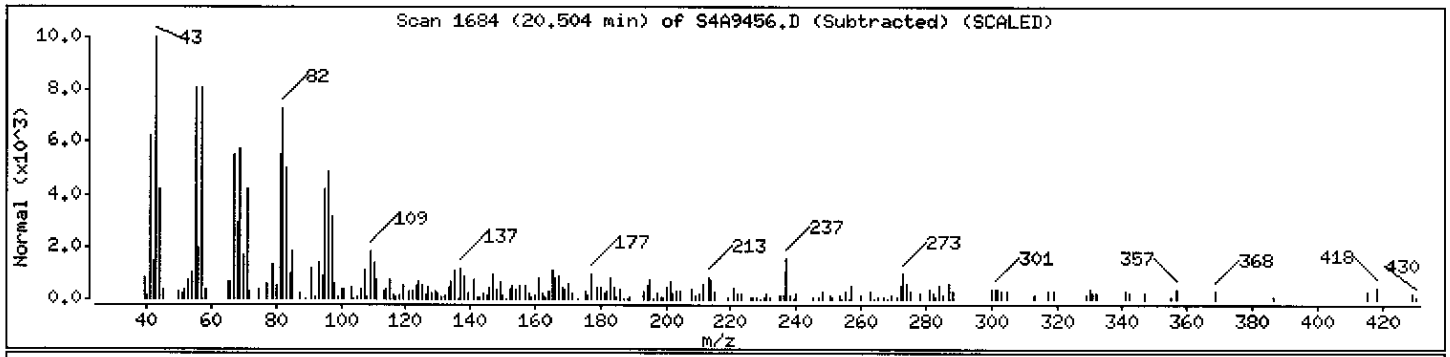
Client ID: SD11-S-0 Instrument: S4.i

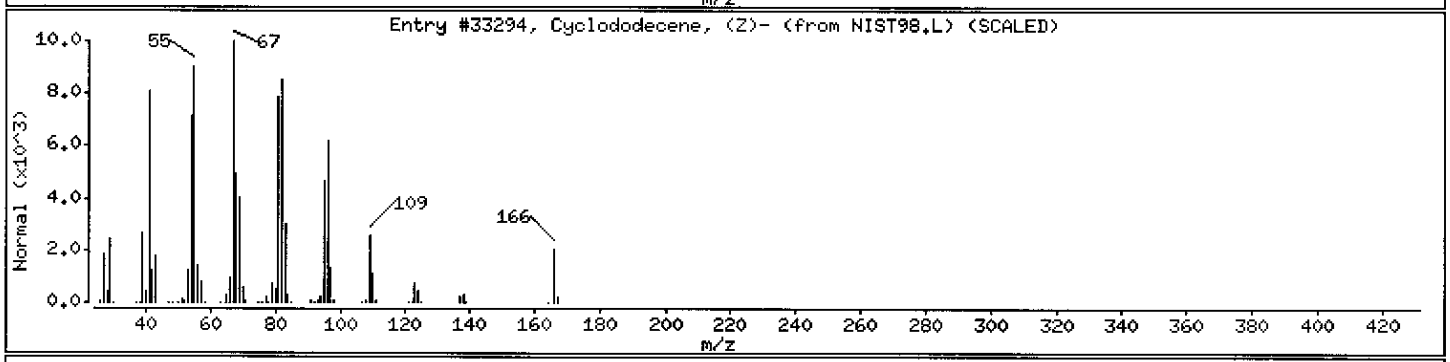
Sample Info: D0926-13A,,19468,,

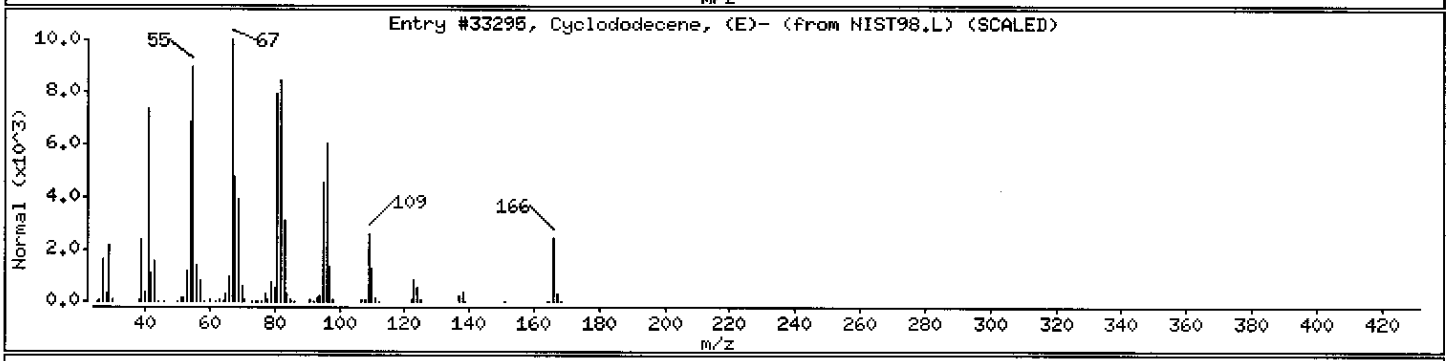
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

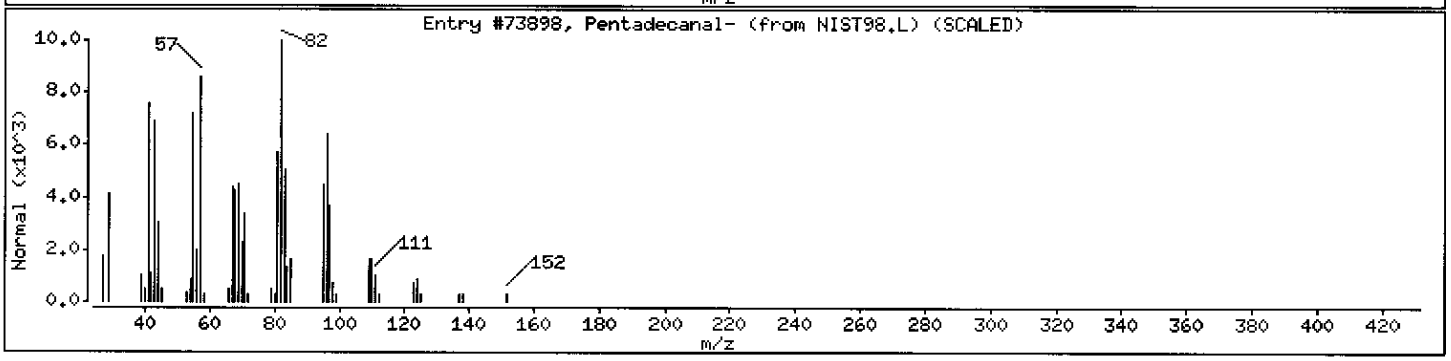
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclododecene, (Z)-	1129-89-1	NIST98.L	33294	83	C12H22	166
Cyclododecene, (E)-	1486-75-5	NIST98.L	33295	83	C12H22	166
Pentadecanal-	2765-11-9	NIST98.L	73898	76	C15H30O	226









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Date : 25-AUG-2005 12:36

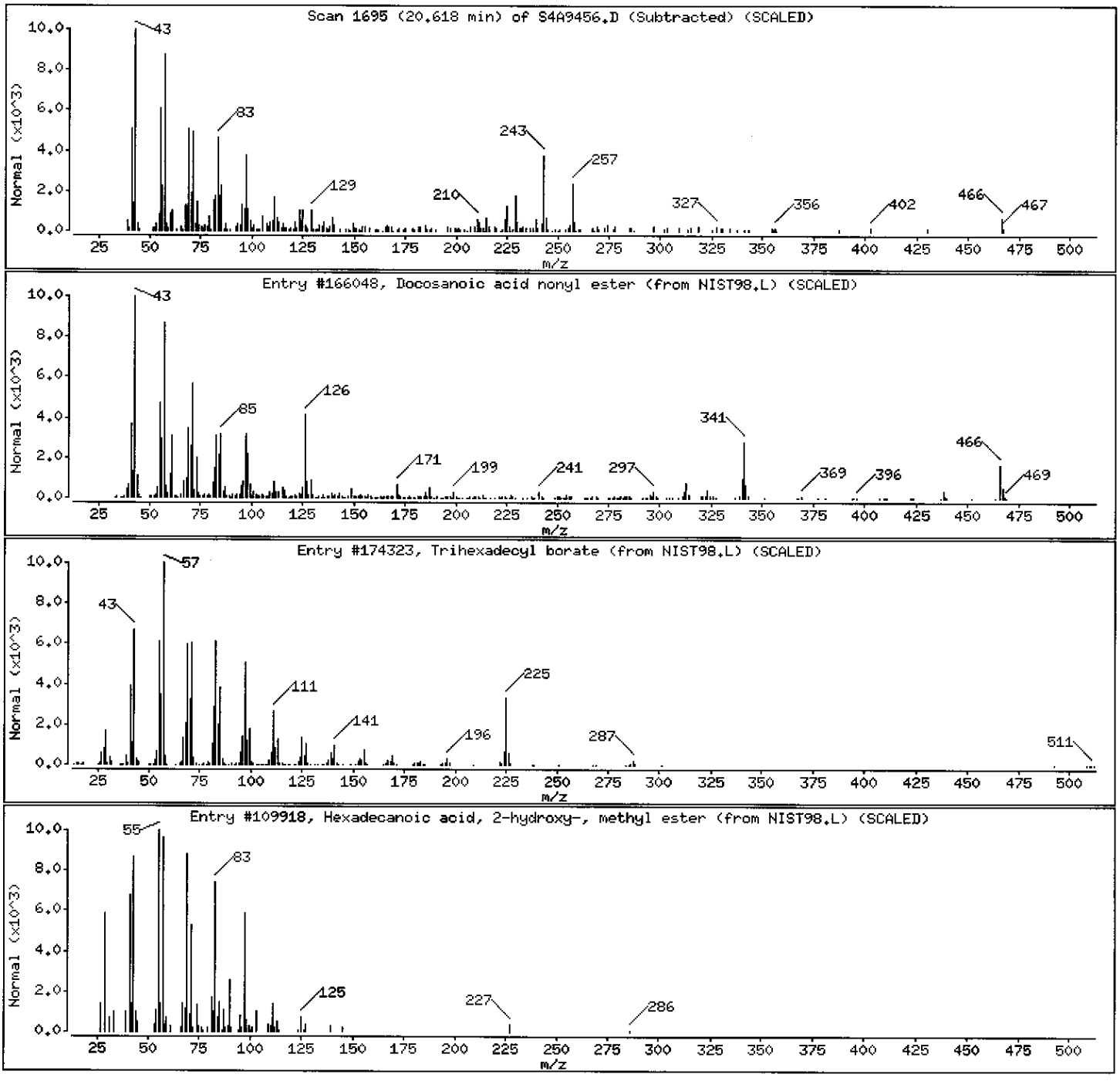
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Docosanoic acid nonyl ester	42233-05-6	NIST98.L	166048	64	C31H6202	466
Trihexadecyl borate	2665-11-4	NIST98.L	174323	58	C48H99B03	735
Hexadecanoic acid, 2-hydroxy-, methyl es	16742-51-1	NIST98.L	109918	45	C17H3403	286



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Date : 25-AUG-2005 12:36

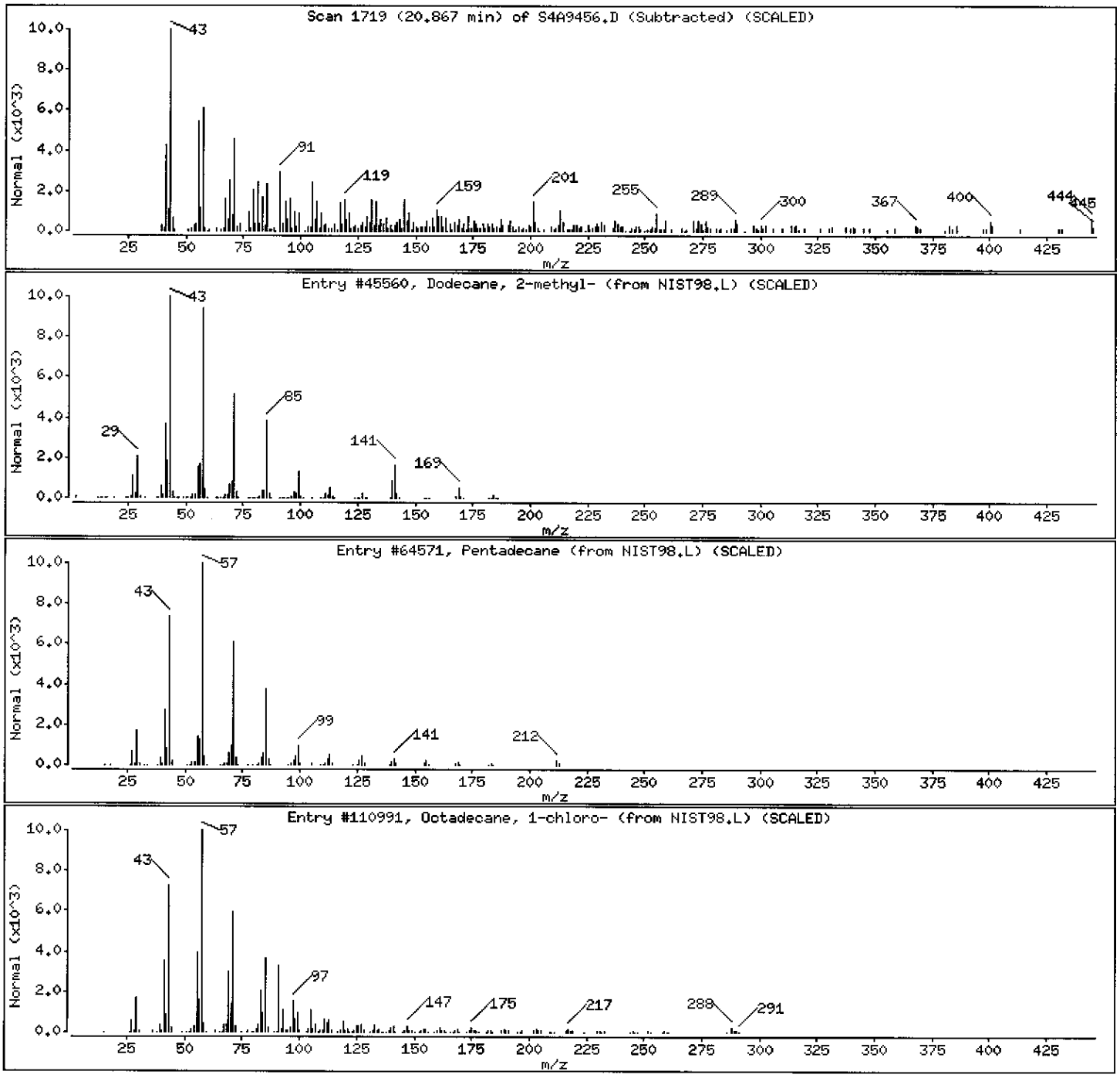
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Dodecane, 2-methyl-	1560-97-0	NIST98.L	45560	64	C13H28	184
Pentadecane	629-62-9	NIST98.L	64571	64	C15H32	212
Octadecane, 1-chloro-	3386-33-2	NIST98.L	110991	64	C18H37Cl	288



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Date : 25-AUG-2005 12:36

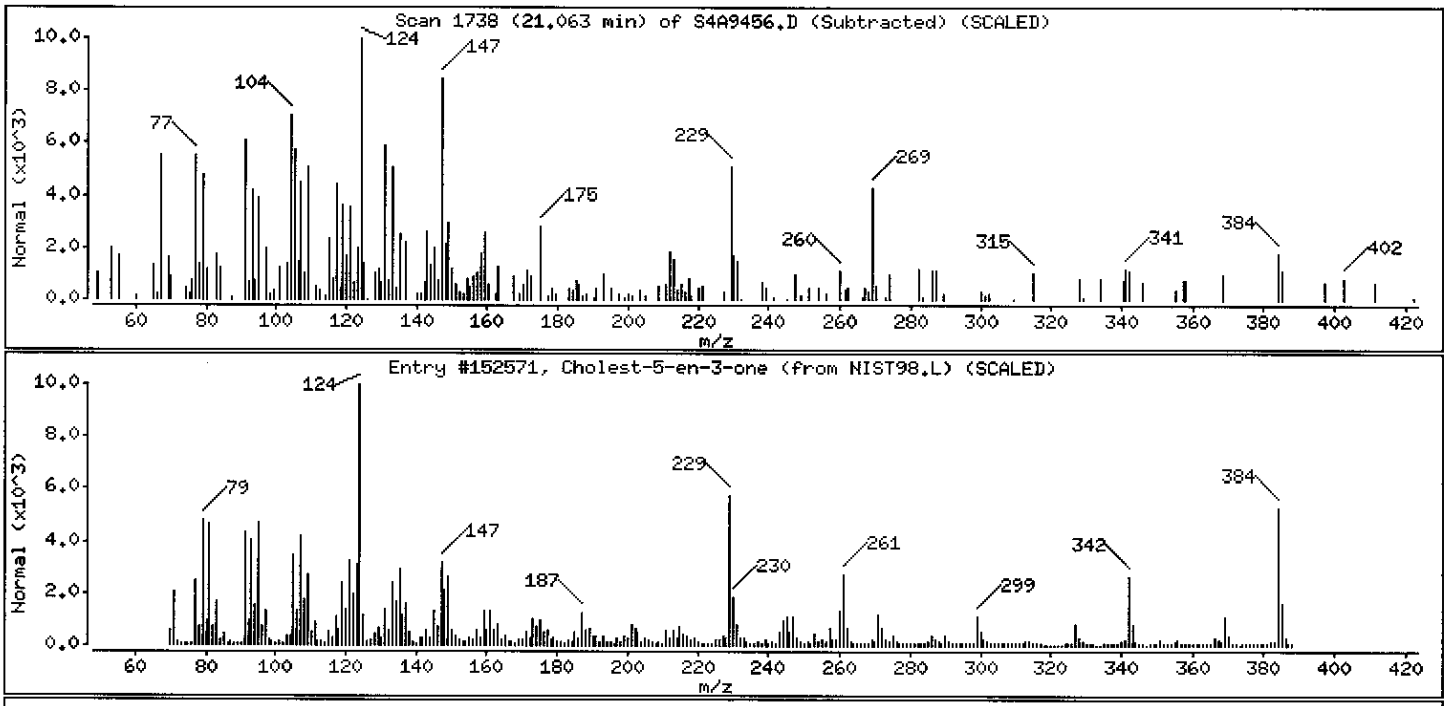
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cholest-5-en-3-one	601-54-7	NIST98.L	152571	41	C27H440	384



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Date : 25-AUG-2005 12:36

Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
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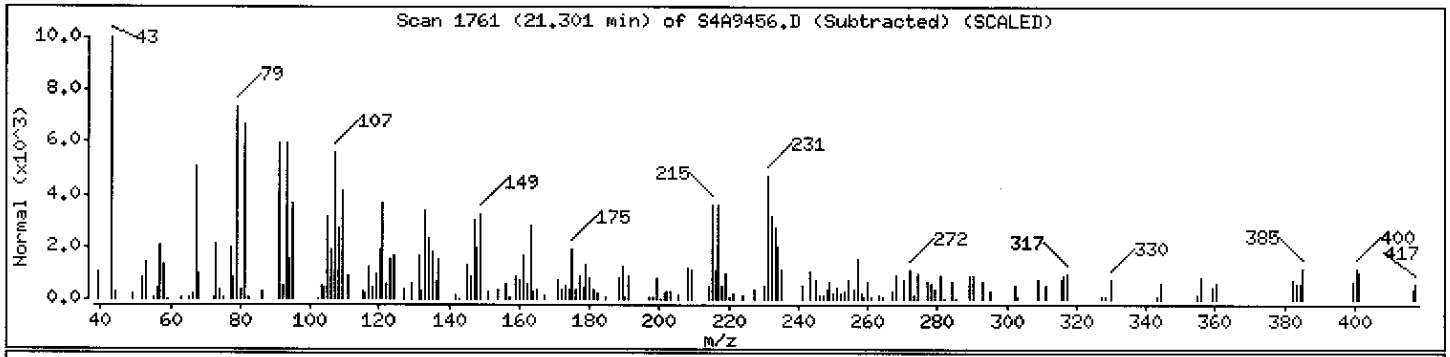

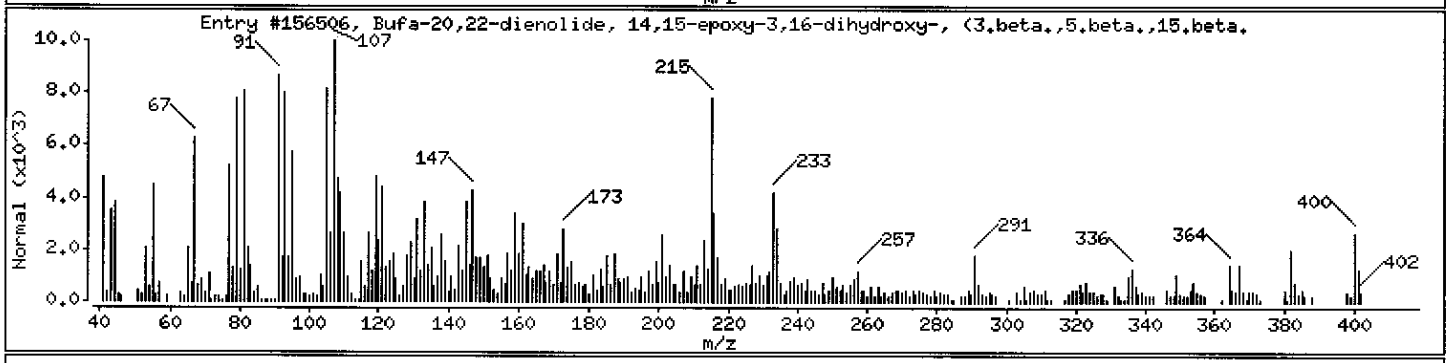

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Date : 25-AUG-2005 12:36

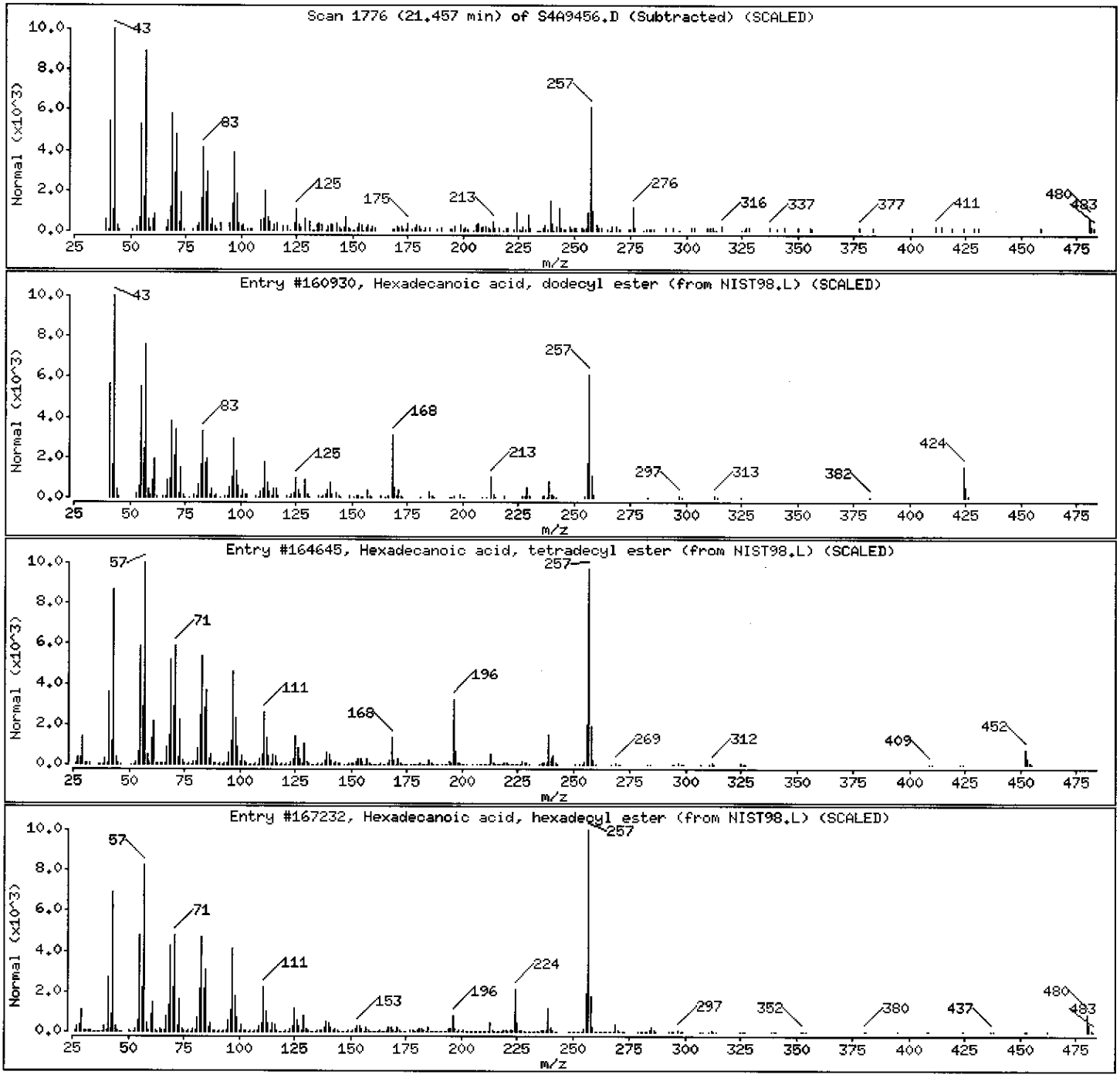
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexadecanoic acid, dodecyl ester	42232-29-1	NIST98.L	160930	86	C28H5602	424
Hexadecanoic acid, tetradecyl ester	4536-26-9	NIST98.L	164645	86	C30H6002	452
Hexadecanoic acid, hexadecyl ester	540-10-3	NIST98.L	167232	64	C32H6402	480



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Date : 25-AUG-2005 12:36

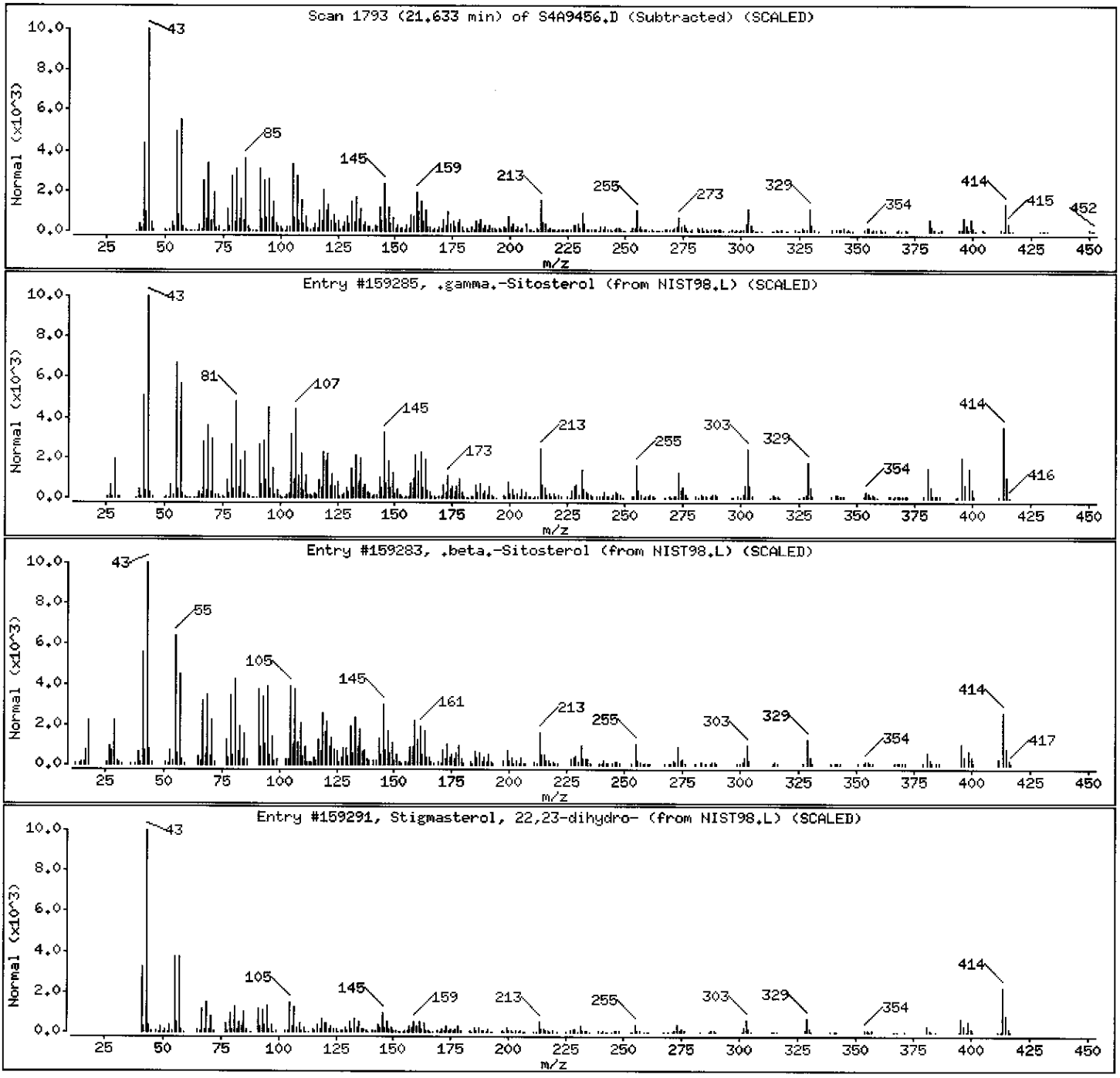
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.gamma.-Sitosterol	83-47-6	NIST98.L	159285	97	C29H500	414
.beta.-Sitosterol	83-46-5	NIST98.L	159283	94	C29H500	414
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST98.L	159291	89	C29H500	414



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Date : 25-AUG-2005 12:36

Client ID: SD11-S-O

Instrument: S4.i

Sample Info: D0926-13A,,19468,,

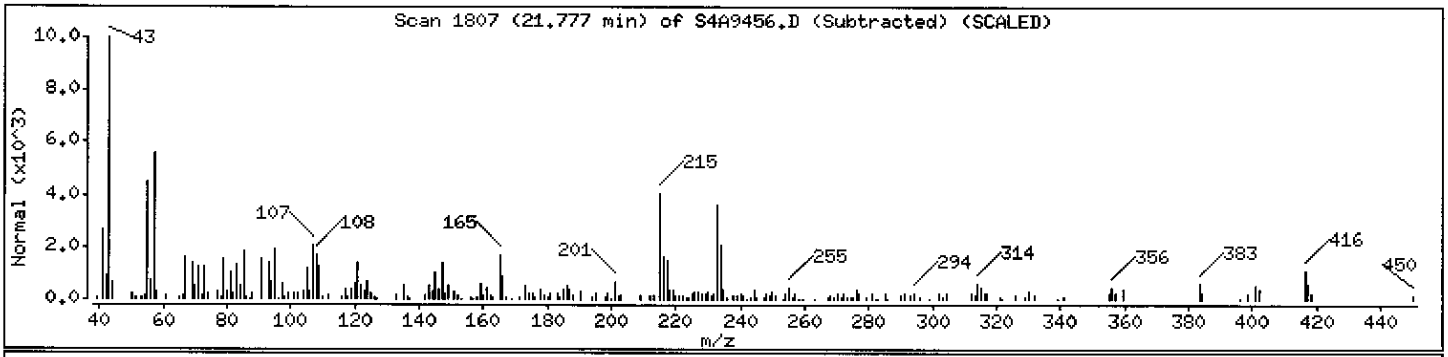
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 12:36

Client ID: SD11-S-O

Instrument: S4.i

Sample Info: D0926-13A,,19468,,

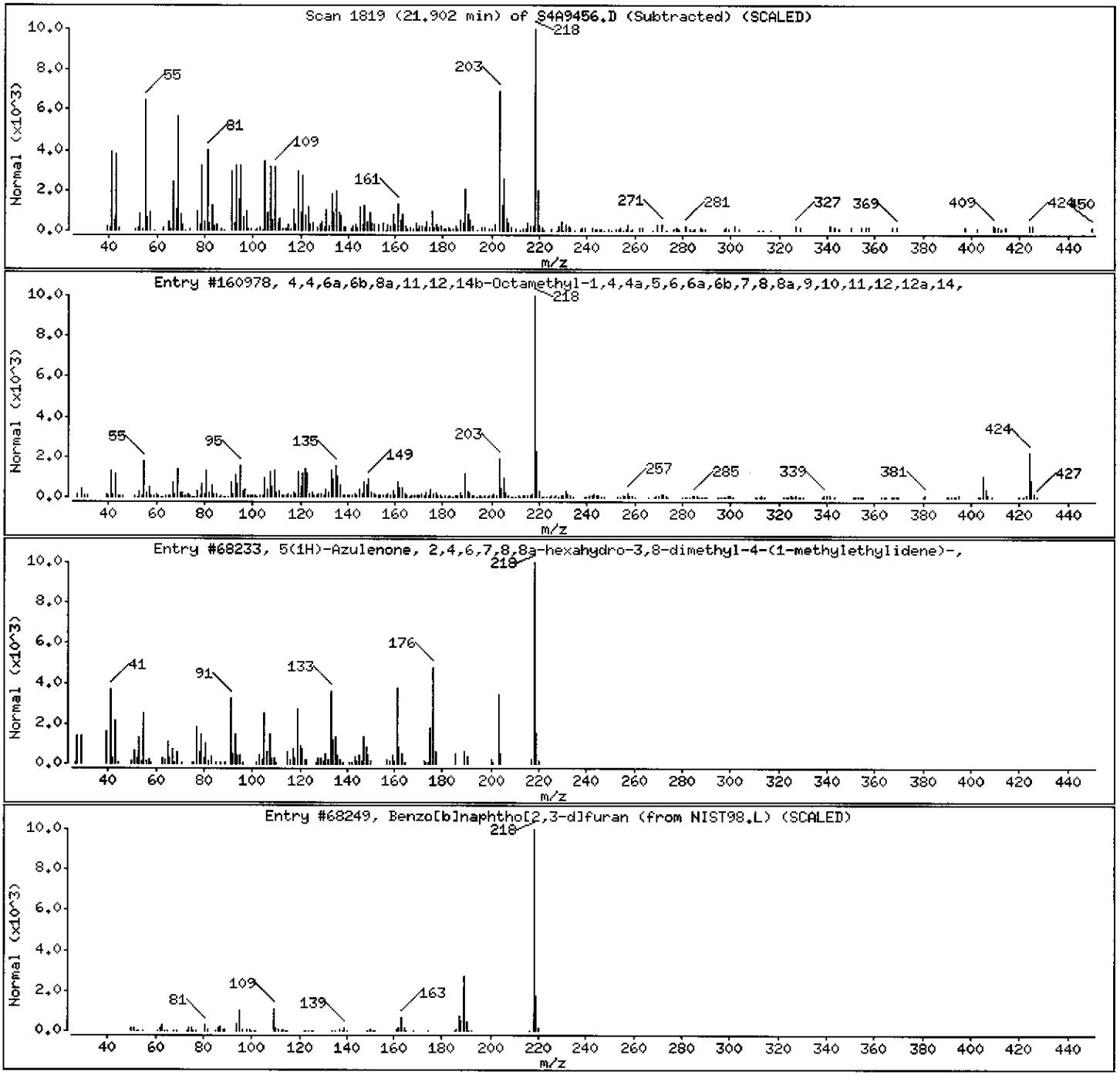
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
4,4,6a,6b,8a,11,12,14b-Octamethyl-1,4,4a	1000194-64-2	NIST98.L	160978	64	C30H480	424
5(1H)-Azulenone, 2,4,6,7,8,8a-hexahydro-	6754-66-1	NIST98.L	68233	55	C15H220	218
Benzo[b]naphtho[2,3-d]furan	243-42-5	NIST98.L	68249	55	C16H100	218



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Date : 25-AUG-2005 12:36

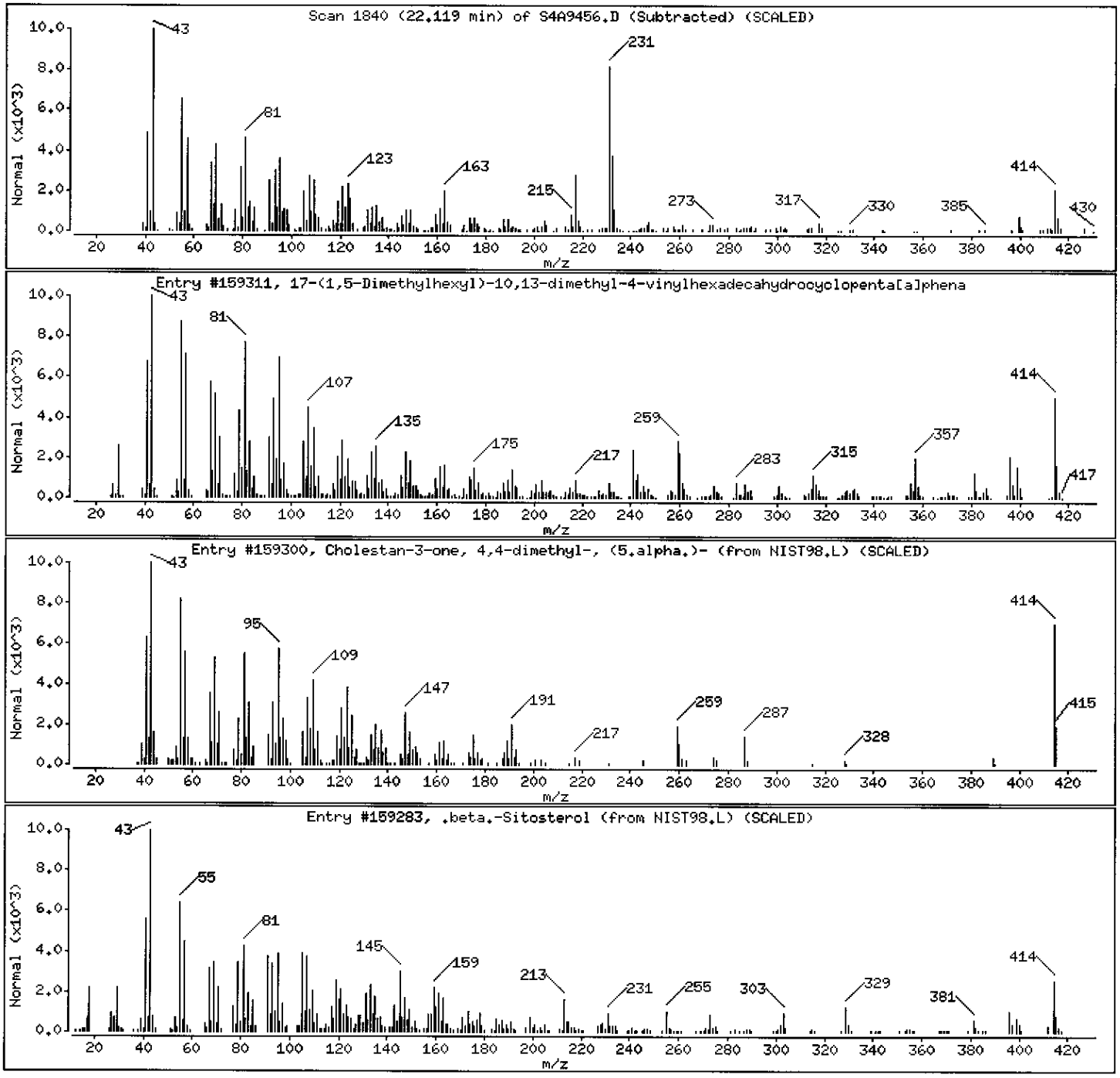
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
17-(1,5-Dimethylhexyl)-10,13-dimethyl-4-	1000210-86-9	NIST98.L	159311	90	C29H500	414
Cholestan-3-one, 4,4-dimethyl-, (5.alpha	2097-85-0	NIST98.L	159300	70	C29H500	414
.beta.-Sitosterol	83-46-5	NIST98.L	159283	41	C29H500	414



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Date : 25-AUG-2005 12:36

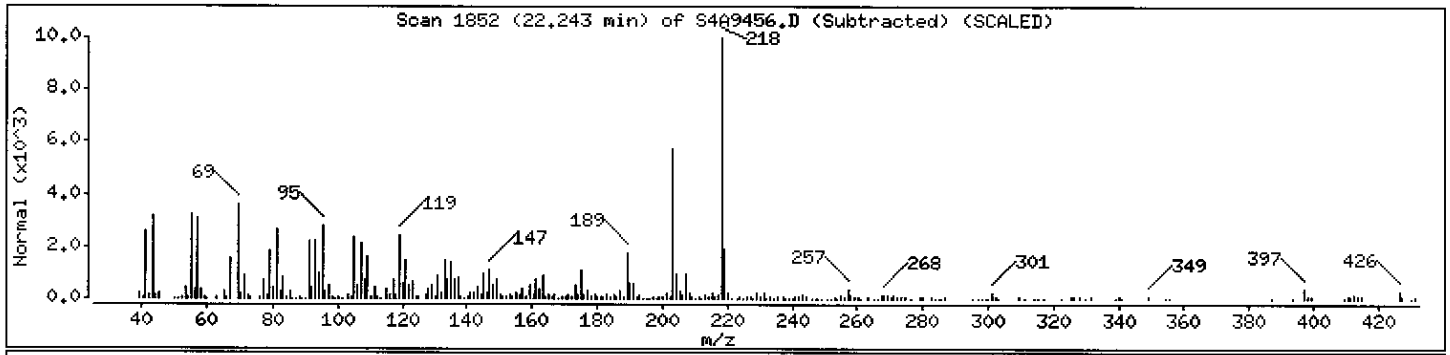
Client ID: SD11-S-0 Instrument: S4.i

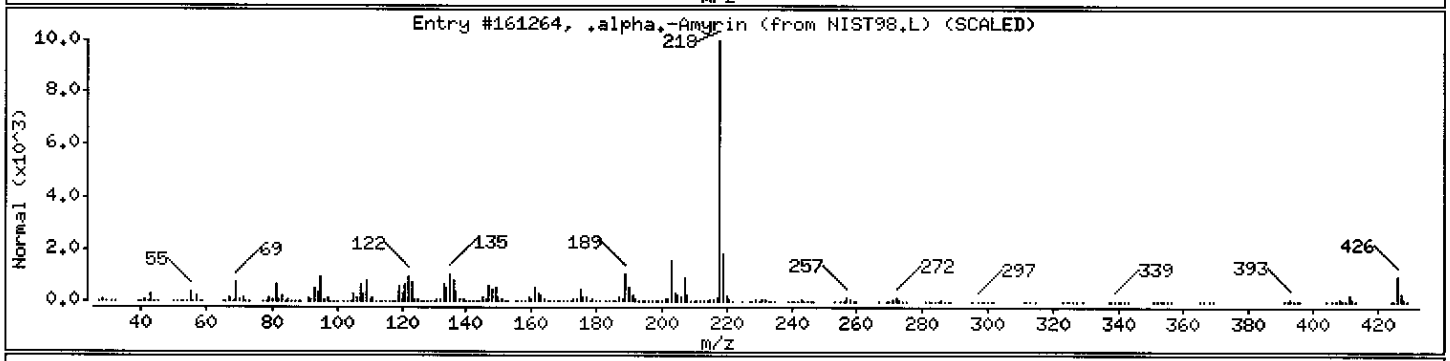
Sample Info: D0926-13A,,19468,,

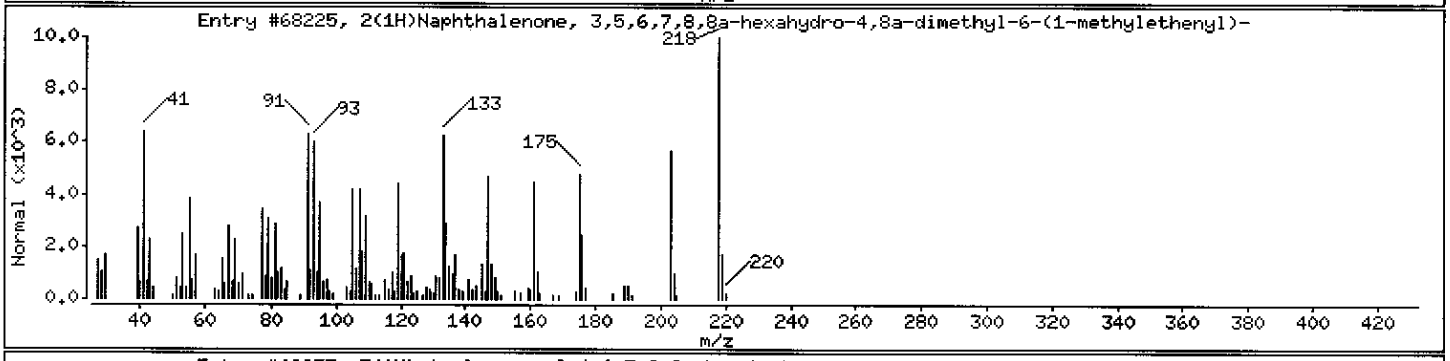
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

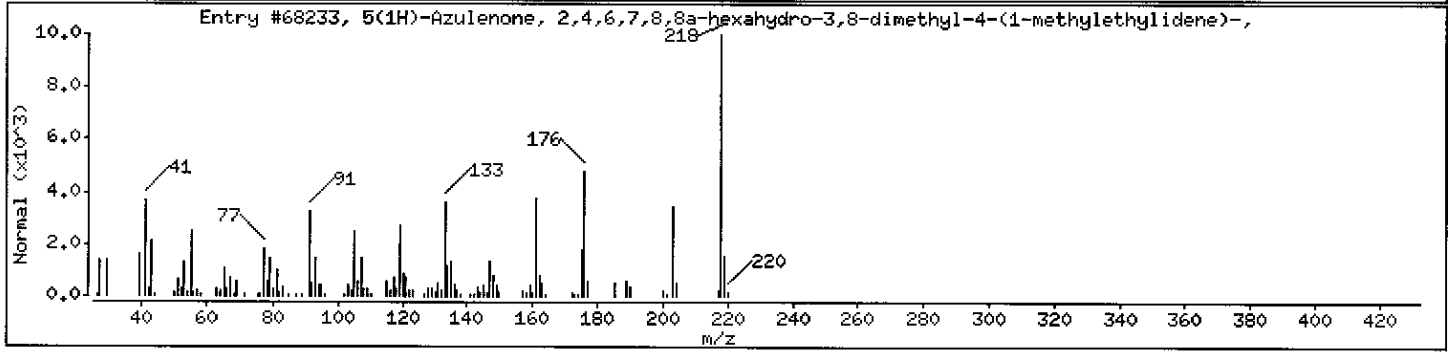
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.alpha.-Amyrin	638-95-9	NIST98.L	161264	90	C30H500	426
2(1H)Naphthalenone, 3,5,6,7,8,8a-hexahyd	1000188-66-5	NIST98.L	68225	87	C15H220	218
5(1H)-Azulenone, 2,4,6,7,8,8a-hexahydro-	6754-66-1	NIST98.L	68233	60	C15H220	218









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Date : 25-AUG-2005 12:36

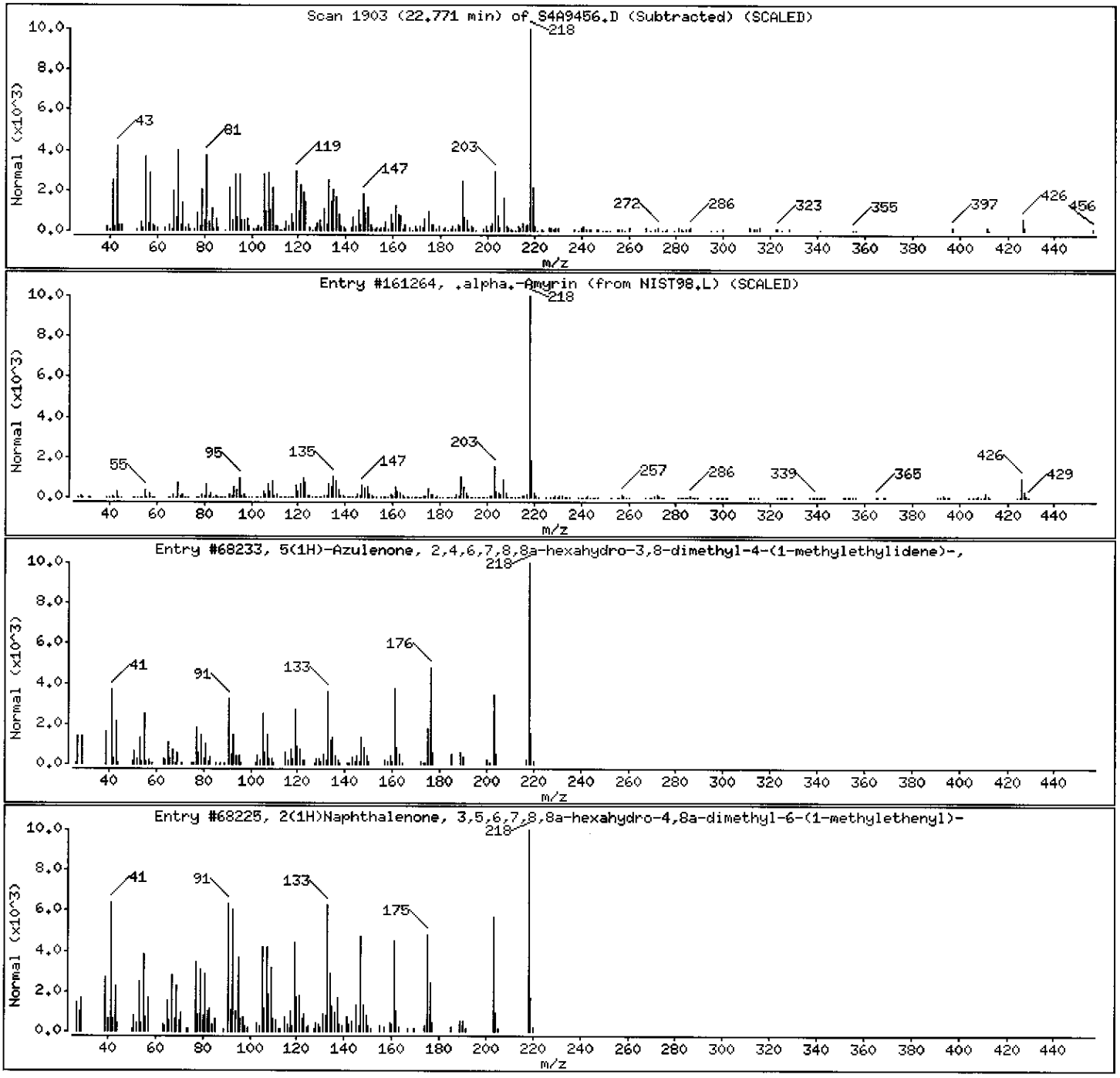
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.alpha.-Amyrin	638-95-9	NIST98.L	161264	95	C30H500	426
5(1H)-Azulenone, 2,4,6,7,8,8a-hexahydro-	6754-66-1	NIST98.L	68233	89	C15H220	218
2(1H)Naphthalenone, 3,5,6,7,8,8a-hexahyd	1000188-66-5	NIST98.L	68225	86	C15H220	218



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9456.D

Date : 25-AUG-2005 12:36

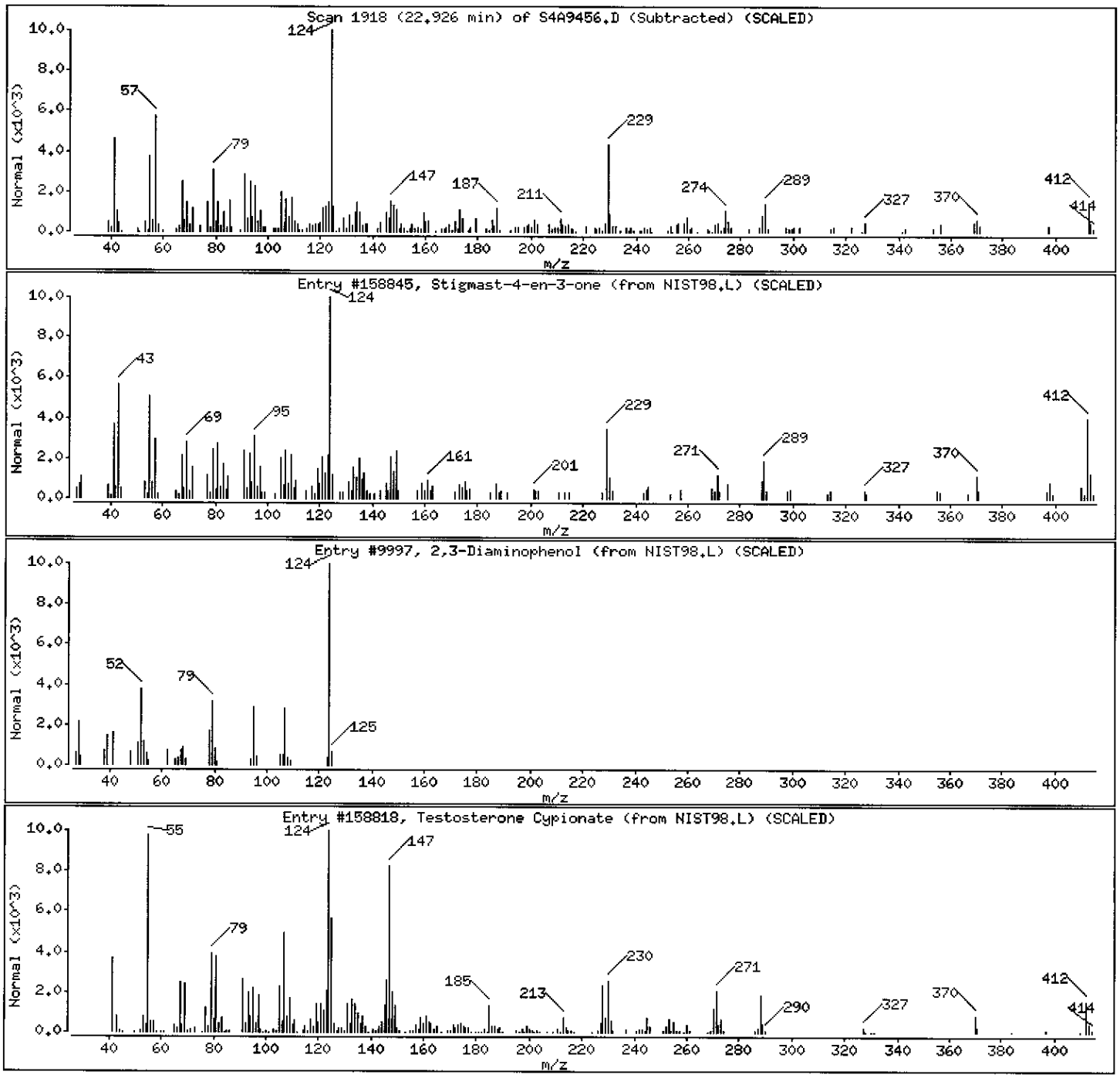
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Stigmast-4-en-3-one	1058-61-3	NIST98.L	158845	92	C29H480	412
2,3-Diaminophenol	59649-56-8	NIST98.L	9997	43	C6H8N2O	124
Testosterone Cypionate	58-20-8	NIST98.L	158818	42	C27H4003	412



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9456.D

Date : 25-AUG-2005 12:36

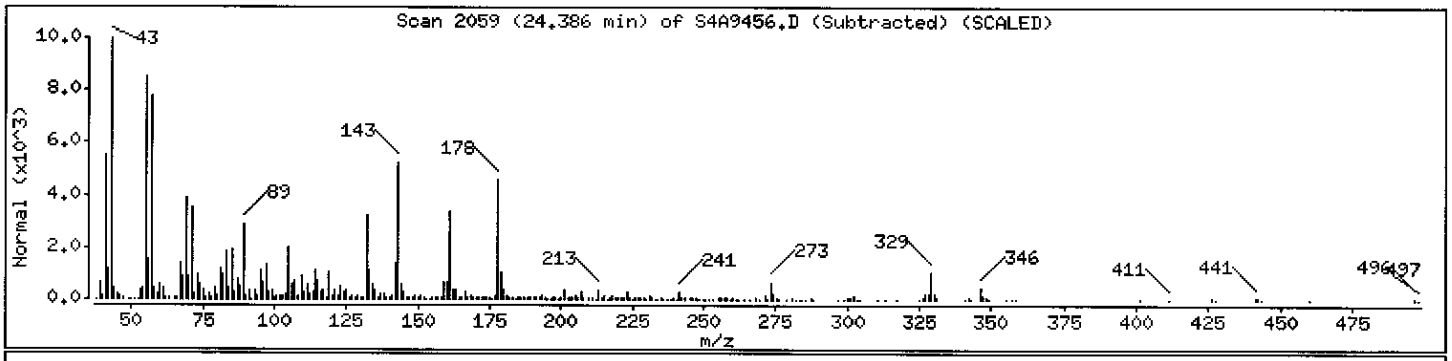
Client ID: SD11-S-0 Instrument: S4.i

Sample Info: D0926-13A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD12-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-04A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9459

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 63 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	890	U
108-95-2	Phenol	890	U
111-44-4	bis(2-Chloroethyl)Ether	890	U
95-57-8	2-Chlorophenol	890	U
95-48-7	2-Methylphenol	890	U
108-60-1	2,2'-oxybis(1-Chloropropane)	890	U
98-86-2	Acetophenone	890	U
106-44-5	4-Methylphenol	890	U
621-64-7	N-Nitroso-di-n-propylamine	890	U
67-72-1	Hexachloroethane	890	U
98-95-3	Nitrobenzene	890	U
78-59-1	Isophorone	890	U
88-75-5	2-Nitrophenol	890	U
105-67-9	2,4-Dimethylphenol	890	U
111-91-1	bis(2-Chloroethoxy)methane	890	U
120-83-2	2,4-Dichlorophenol	890	U
91-20-3	Naphthalene	890	U
106-47-8	4-Chloroaniline	890	U
87-68-3	Hexachlorobutadiene	890	U
105-60-2	Caprolactam	890	U
59-50-7	4-Chloro-3-Methylphenol	890	U
91-57-6	2-Methylnaphthalene	890	U
77-47-4	Hexachlorocyclopentadiene	890	U
88-06-2	2,4,6-Trichlorophenol	890	U
95-95-4	2,4,5-Trichlorophenol	2200	U
92-52-4	1,1'-Biphenyl	890	U
91-58-7	2-Chloronaphthalene	890	U
88-74-4	2-Nitroaniline	2200	U
131-11-3	Dimethylphthalate	890	U
606-20-2	2,6-Dinitrotoluene	890	U
208-96-8	Acenaphthylene	890	U
99-09-2	3-Nitroaniline	2200	U
83-32-9	Acenaphthene	890	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD12-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-04A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9459

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 63 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	2200	U
100-02-7	4-Nitrophenol	2200	U
132-64-9	Dibenzofuran	890	U
121-14-2	2,4-Dinitrotoluene	890	U
84-66-2	Diethylphthalate	890	U
86-73-7	Fluorene	890	U
7005-72-3	4-Chlorophenyl-phenylether	890	U
100-01-6	4-Nitroaniline	2200	U
534-52-1	4,6-Dinitro-2-methylphenol	2200	U
86-30-6	N-Nitrosodiphenylamine (1)	890	U
101-55-3	4-Bromophenyl-phenylether	890	U
118-74-1	Hexachlorobenzene	890	U
1912-24-9	Atrazine	890	U
87-86-5	Pentachlorophenol	2200	U
85-01-8	Phenanthrene	250	J
120-12-7	Anthracene	95	J
86-74-8	Carbazole	890	U
84-74-2	Di-n-butylphthalate	890	U
206-44-0	Fluoranthene	530	J
129-00-0	Pyrene	430	J
85-68-7	Butylbenzylphthalate	890	U
91-94-1	3,3'-Dichlorobenzidine	890	U
56-55-3	Benzo(a)anthracene	290	J
218-01-9	Chrysene	330	J
117-81-7	bis(2-Ethylhexyl)phthalate	1300	B
117-84-0	Di-n-octylphthalate	890	U
205-99-2	Benzo(b)fluoranthene	410	J
207-08-9	Benzo(k)fluoranthene	220	J
50-32-8	Benzo(a)pyrene	320	J
193-39-5	Indeno(1,2,3-cd)pyrene	200	J
53-70-3	Dibenzo(a,h)anthracene	890	U
191-24-2	Benzo(g,h,i)perylene	260	J

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SD12-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-04A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9459

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 63 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

Number TICs found: 15

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	9.78	570	J
2.		UNKNOWN	10.58	220	J
3.		UNKNOWN	10.73	190	J
4.		UNKNOWN	12.76	810	J
5.		UNKNOWN	13.45	260	J
6.		UNKNOWN	14.30	200	J
7.	6380-71-8	PROPANOIC ACID, 3-MERCAPTO-,	14.65	350	NJ
8.		UNKNOWN	14.86	790	J
9.	301-02-0	9-OCTADECENAMIDE, (Z)-	16.27	210	NJ
10.		UNKNOWN	17.42	2500	J
11.	101910-57-0	4.ALPHA.,5.BETA.-EPOXY-9.ALP	17.58	380	NJ
12.	2435-53-2	3,5-CYCLOHEXADIENE-1,2-DIONE	17.71	440	NJ
13.	83-47-6	.GAMMA.-SITOSTEROL	21.63	1600	NJ
14.	1058-61-3	STIGMAST-4-EN-3-ONE	22.95	870	NJ
15.		UNKNOWN	24.42	8300	JB
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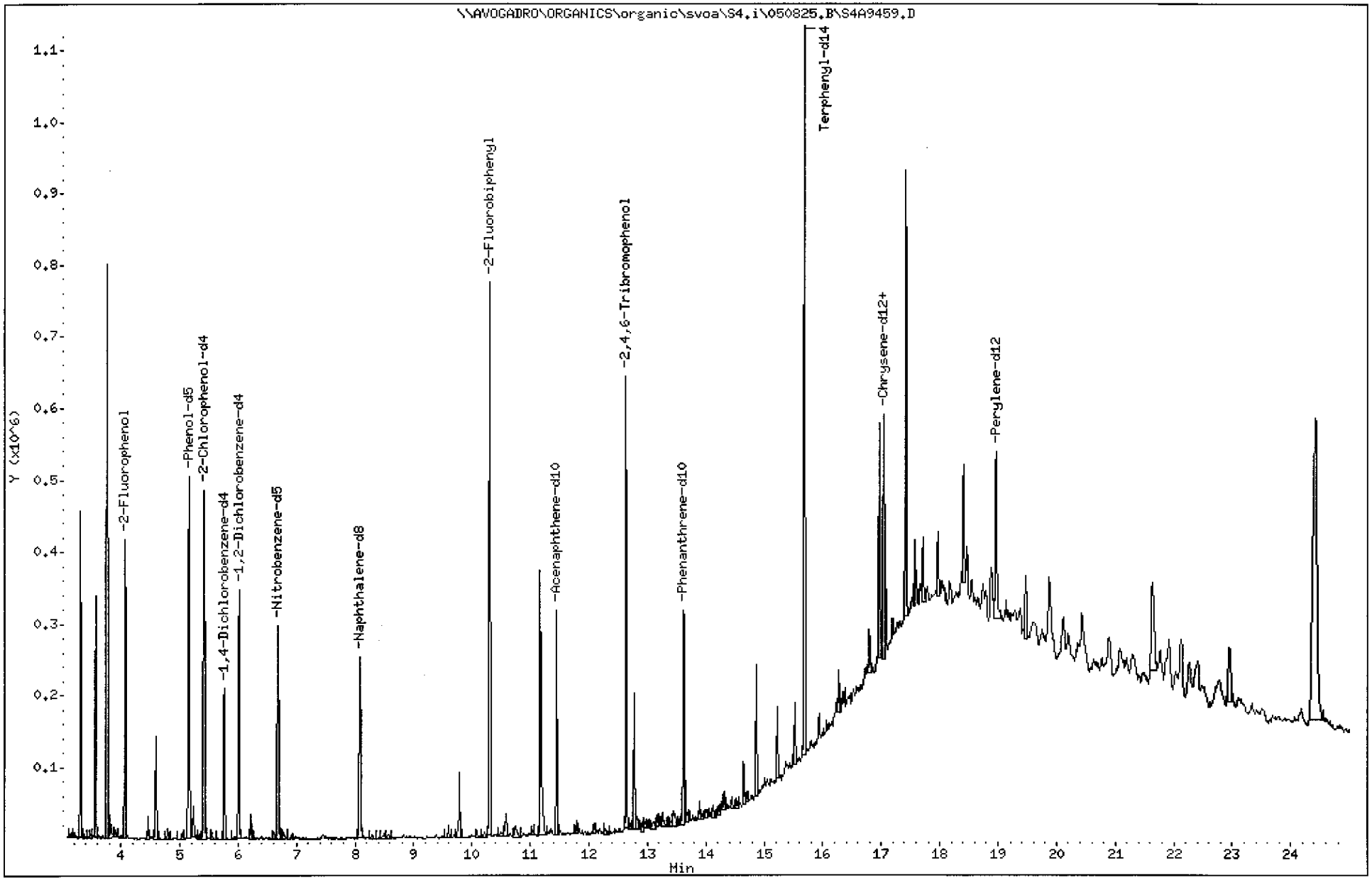
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D
Date : 25-AUG-2005 14:12
Client ID: SD12-S-0
Instrument: S4.i
Sample Info: D0926-04A,,19468,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9459.D
Report Date: 01-Sep-2005 15:27

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D
Lab Smp Id: D0926-04A Client Smp ID: SD12-S-O
Inj Date : 25-AUG-2005 14:12
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-04A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D
Als bottle: 29
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	63.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	4.068	4.048	(0.706)	106260	102.743	4600
$	3 Phenol-d5	99	5.155	5.135	(0.894)	174019	112.542	5100
$	6 2-Chlorophenol-d4	132	5.424	5.414	(0.941)	144180	112.553	5100
*	8 1,4-Dichlorobenzene-d4	152	5.766	5.755	(1.000)	39226	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	6.014	6.004	(1.043)	58954	63.4048	2900
$	16 Nitrobenzene-d5	82	6.687	6.677	(0.827)	143958	76.7205	3500
*	23 Naphthalene-d8	136	8.084	8.074	(1.000)	159392	40.0000	
$	33 2-Fluorobiphenyl	172	10.289	10.289	(0.900)	296273	90.7266	4100
*	41 Acenaphthene-d10	164	11.438	11.438	(1.000)	91704	40.0000	
$	53 2,4,6-Tribromophenol	330	12.649	12.628	(0.929)	62403	175.636	7900(A)
*	58 Phenanthrene-d10	188	13.622	13.611	(1.000)	135348	40.0000	
	59 Phenanthrene	178	13.653	13.642	(1.002)	22182	5.57047	250(a)
	60 Anthracene	178	13.715	13.715	(1.007)	7885	2.11605	95(a)

Data File: S4A9459.D
Report Date: 01-Sep-2005 15:27

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
	63 Fluoranthene	202	15.216	15.216	(1.117)	46188	11.6788	530(a)
	64 Pyrene	202	15.516	15.505	(0.910)	39394	9.56579	430(a)
$	65 Terphenyl-d14	244	15.681	15.671	(0.920)	302756	100.260	4500
	68 Benzo(a)anthracene	228	17.027	17.017	(0.999)	23747	6.52011	290(a)
*	69 Chrysene-d12	240	17.048	17.027	(1.000)	117625	40.0000	
	70 Chrysene	228	17.079	17.068	(1.002)	24939	7.35927	330(a)
	71 bis(2-Ethylhexyl)phthalate	149	16.965	16.954	(0.995)	86631	29.4125	1300
	73 Benzo(b)fluoranthene	252	18.393	18.372	(0.969)	33377	9.04894	410(aM)
	74 Benzo(k)fluoranthene	252	18.414	18.414	(0.971)	19118	4.98926	220(aQM)
	75 Benzo(a)pyrene	252	18.880	18.859	(0.995)	21570	7.14759	320(a)
*	76 Perylene-d12	264	18.973	18.942	(1.000)	98622	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	20.898	20.877	(1.101)	15853	4.42762	200(a)
	79 Benzo(g,h,i)perylene	276	21.498	21.457	(1.133)	15390	5.68170	260(a)

MR 09/01/05 AJ

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: S4A9459.D
Report Date: 31-Aug-2005 15:57

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D
Lab Smp Id: D0926-04A Client Smp ID: SD12-S-O
Inj Date : 25-AUG-2005 14:12
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-04A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D
Als bottle: 29
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	63.000	% Moisture

ISTD		RT	AREA	AMOUNT
* 41	Acenaphthene-d10	11.438	439524	40.000
* 58	Phenanthrene-d10	13.622	465111	40.000
* 69	Chrysene-d12	17.048	563643	40.000
* 76	Perylene-d12	18.973	470179	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9459.D
Report Date: 31-Aug-2005 15:57

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
9.782	138379	12.5935330	570	0		0	41
Unknown				CAS #:			
10.579	54335	4.94489493	220	0		0	41
Unknown				CAS #:			
10.734	46622	4.24295374	190	0		0	41
Cyclic Alkane				CAS #:			
11.169	565881	51.4994403	2300	0		0	41
Unknown				CAS #:			
12.763	209662	18.0311367	810	0		0	58
Unknown				CAS #:			
13.446	67108	5.77135350	260	0		0	58
Unknown				CAS #:			
14.305	50640	4.35508943	200	0		0	58
Propanoic acid, 3-mercapto-, dodecyl est				CAS #: 6380-71-8			
14.646	90897	7.81723073	350	91	NIST98.L	102857	58
Unknown				CAS #:			
14.864	203589	17.5088527	790	0		0	58
9-Octadecenamide, (Z)-				CAS #: 301-02-0			
16.271	66849	4.74406672	210	89	NIST98.L	106877	69
Straight-Chain Alkane				CAS #:			
16.789	87165	6.18583039	280	0		0	69
Unknown				CAS #:			
17.420	767396	54.4597201	2500	0		0	69
4.alpha.,5.beta.-Epoxy-9.alpha.-hydroxyg				CAS #: 101910-57-0			
17.575	117533	8.34095340	380	95	NIST98.L	150887	69
3,5-Cyclohexadiene-1,2-dione, 3,4,5,6-te				CAS #: 2435-53-2			
17.710	136302	9.67293127	440	90	NIST98.L	84977	69
Straight-Chain Alkane				CAS #:			
17.969	127561	9.05260954	410	0		0	69

Data File: S4A9459.D
Report Date: 31-Aug-2005 15:57

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Branched Alkane				CAS #:			
18.414	278960	23.7322381	1100	0		0	76
Branched Alkane				CAS #:			
19.469	175938	14.9677463	670	0		0	76
.gamma.-Sitosterol				CAS #:	83-47-6		
21.633	429020	36.4984400	1600	93	NIST98.L	159285	76
Stigmast-4-en-3-one				CAS #:	1058-61-3		
22.947	226120	19.2369289	870	90	NIST98.L	158845	76
Unknown				CAS #:			
24.417	2161346	183.874312	8300	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

Client ID: SD12-S-0

Instrument: S4.i

Sample Info: D0926-04A,,19468,,

Volume Injected (uL): 2.0

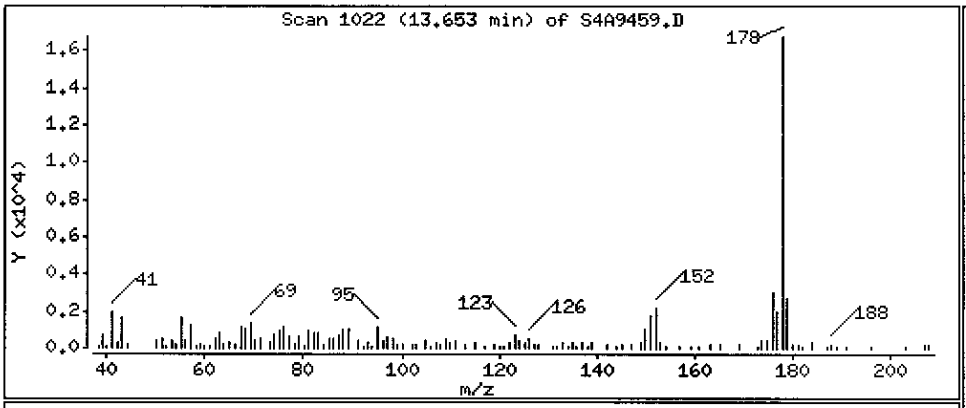
Operator: AW SRC: LIMS

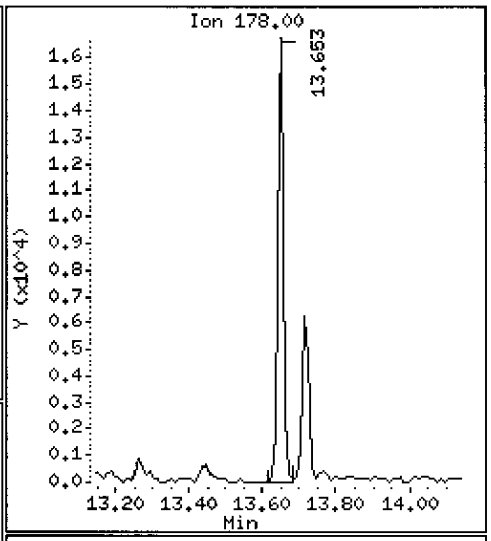
Column phase: DB-5MS

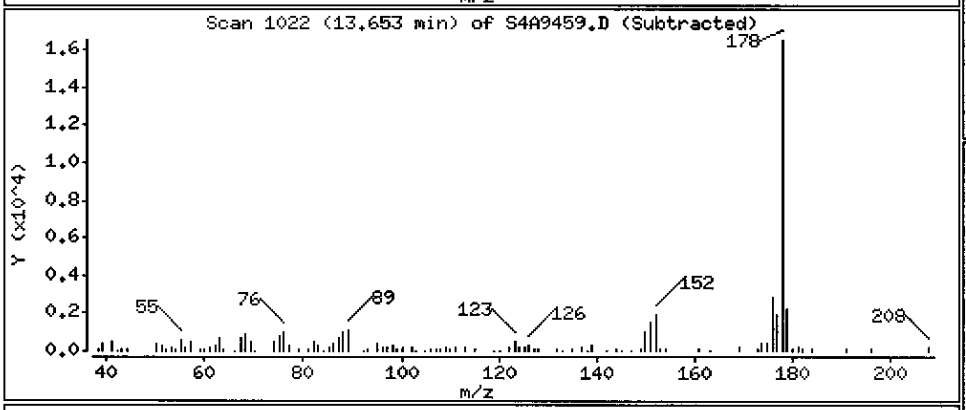
Column diameter: 0.25

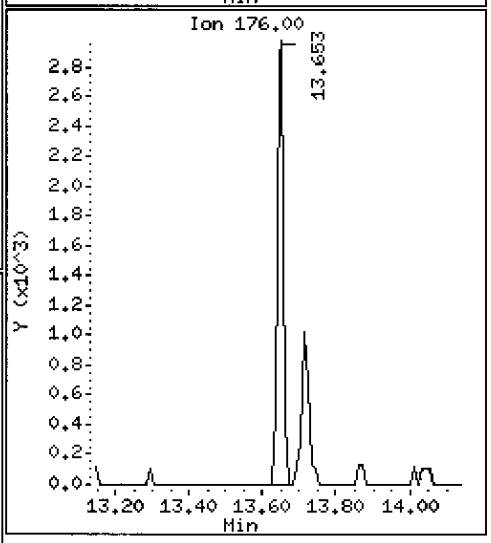
59 Phenanthrene

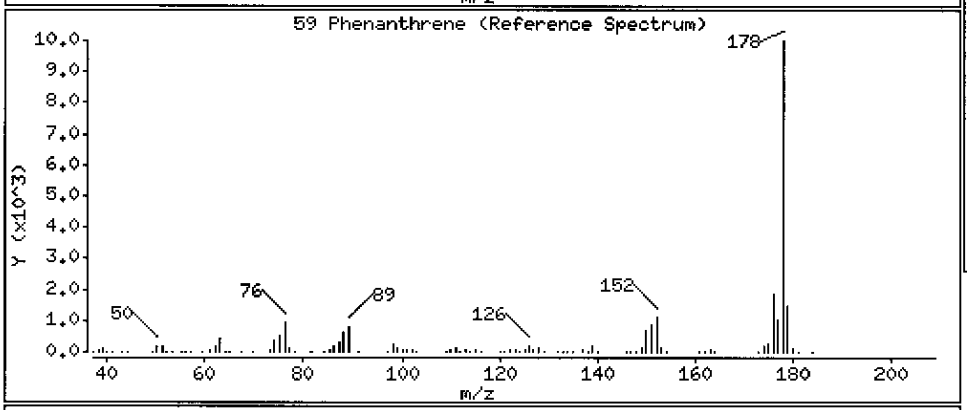
Concentration: 250 ug/Kg

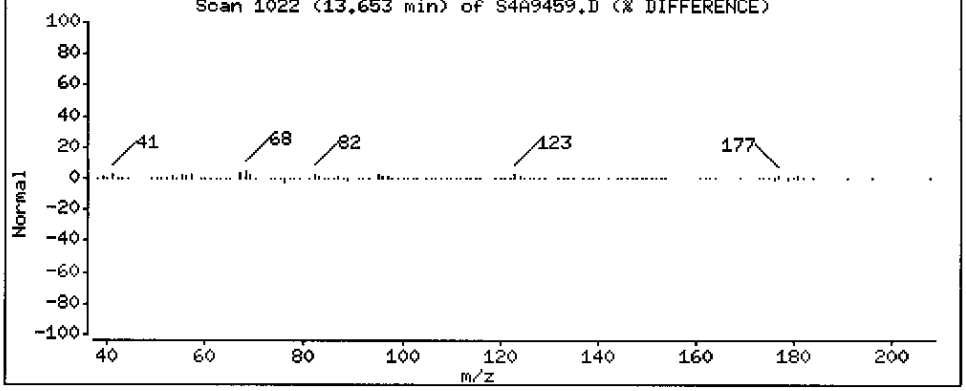












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

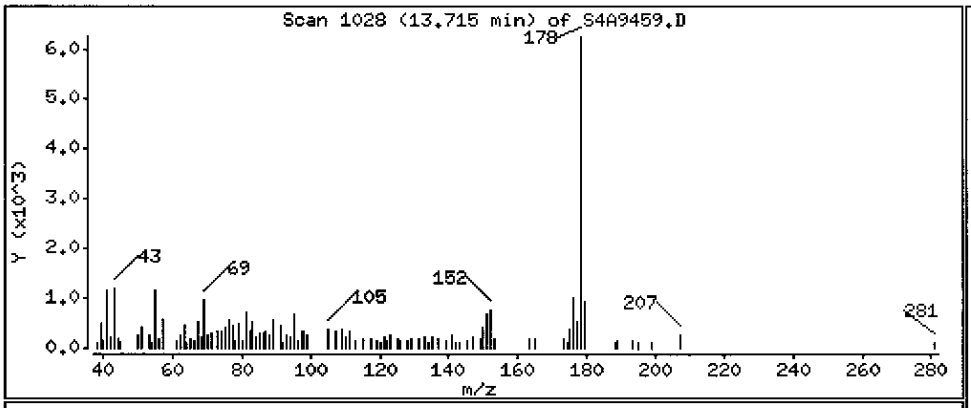
Client ID: SD12-S-0 Instrument: S4.i

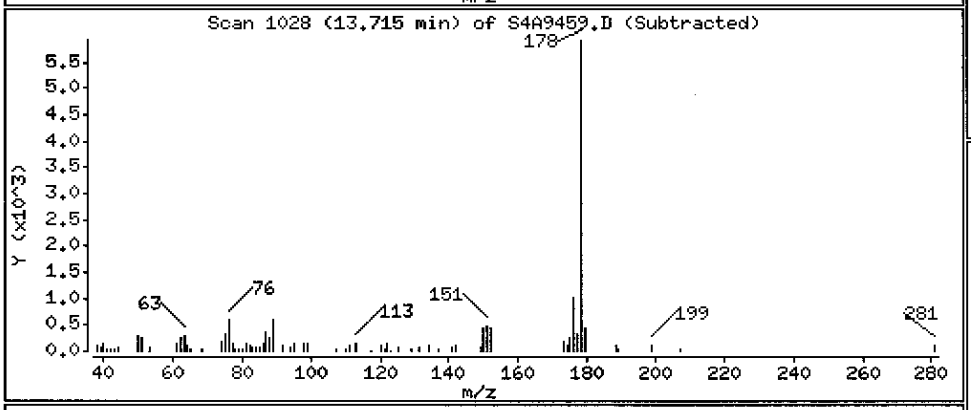
Sample Info: D0926-04A,,19468,,

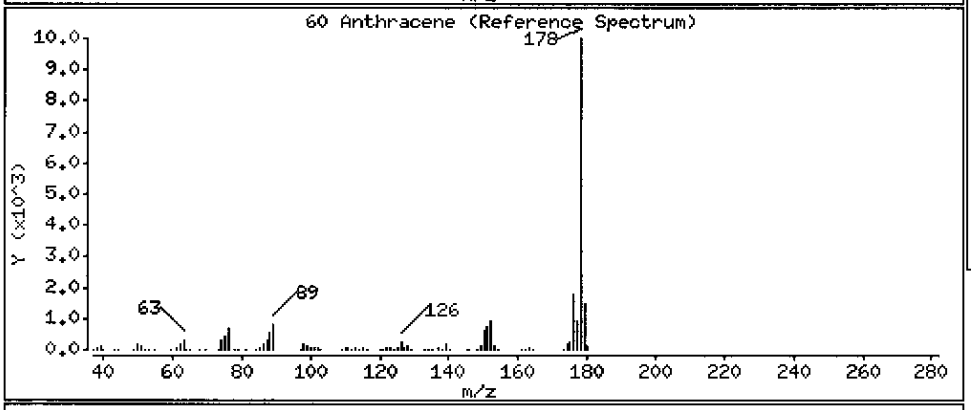
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

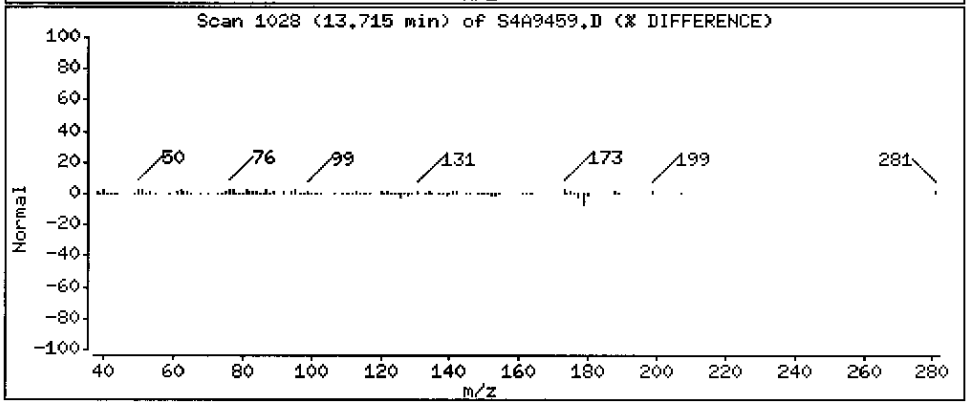
Column phase: DB-5MS Column diameter: 0.25

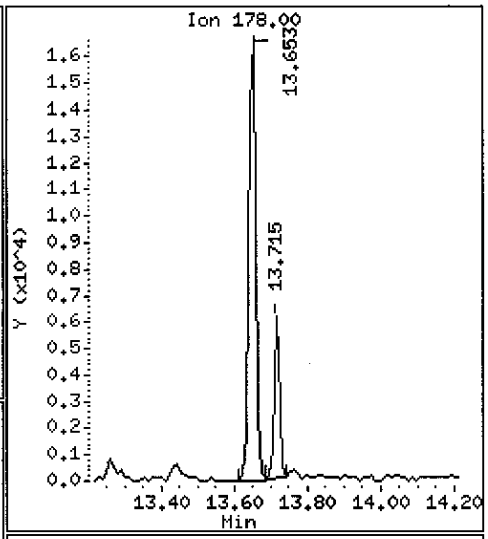
60 Anthracene Concentration: 95 ug/Kg

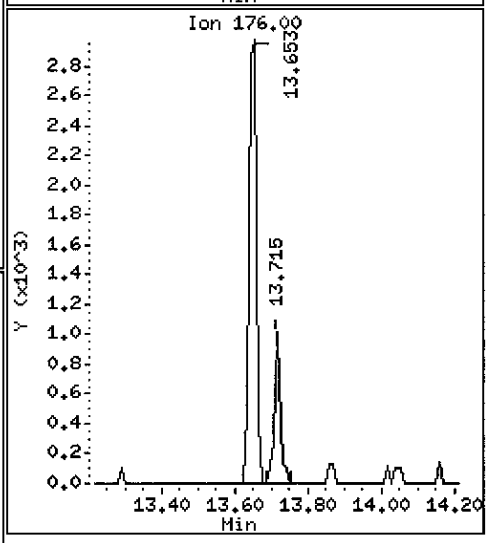












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

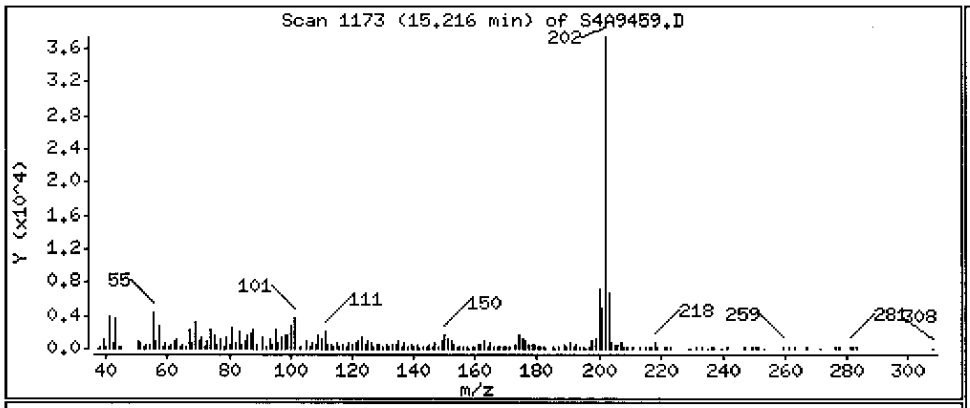
Client ID: SD12-S-0 Instrument: S4.i

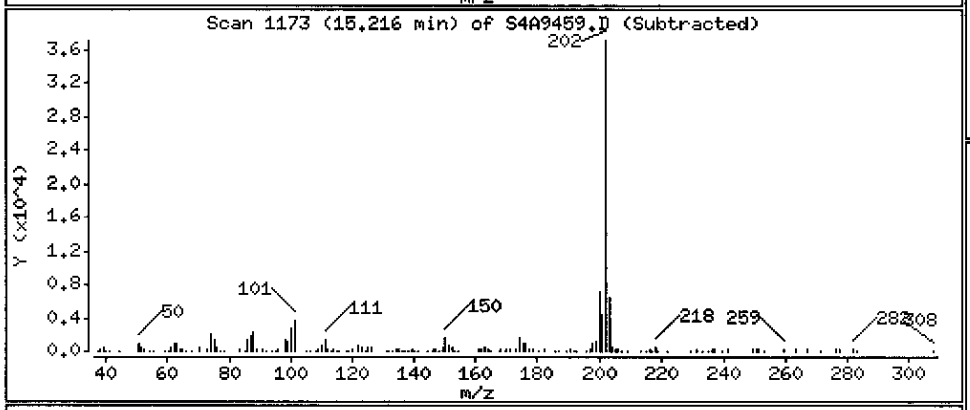
Sample Info: D0926-04A,,19468,,

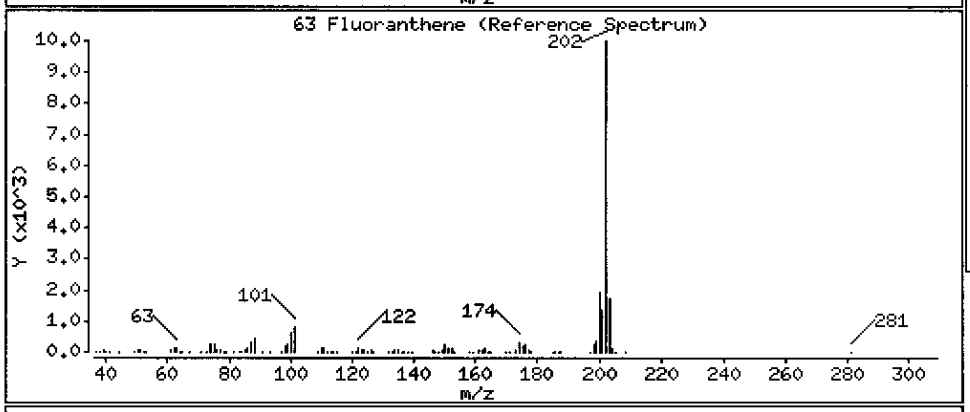
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

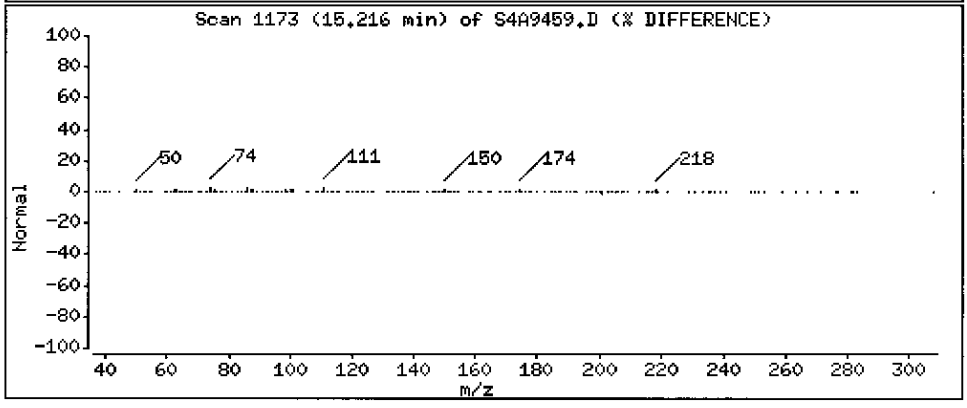
Column phase: DB-5MS Column diameter: 0.25

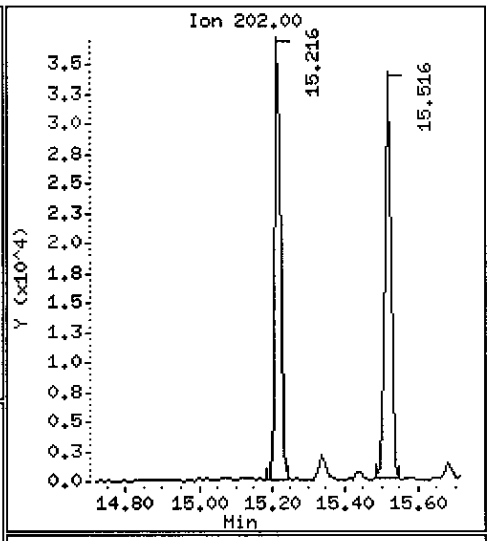
63 Fluoranthene Concentration: 530 ug/Kg

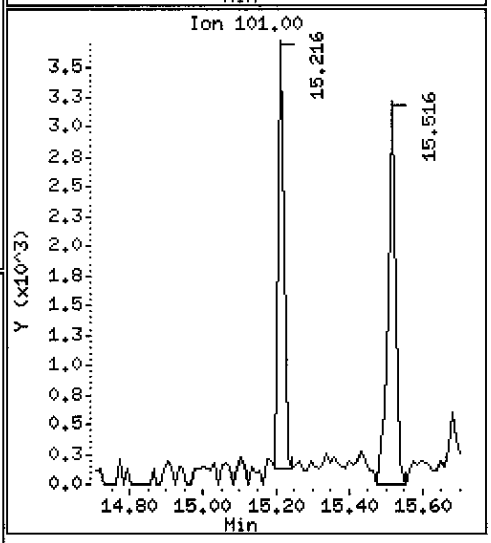












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

Client ID: SD12-S-O

Instrument: S4.i

Sample Info: D0926-04A,,19468,,

Volume Injected (uL): 2.0

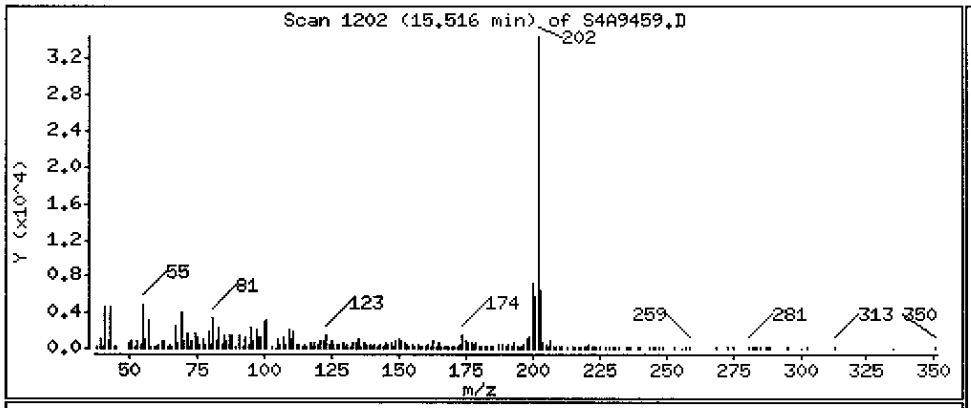
Operator: AW SRC: LIMS

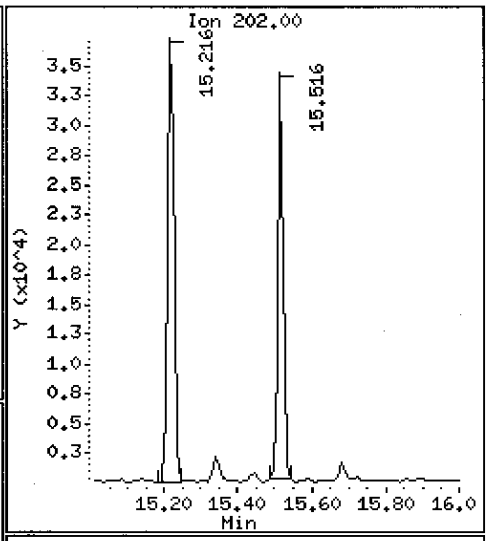
Column phase: DB-5MS

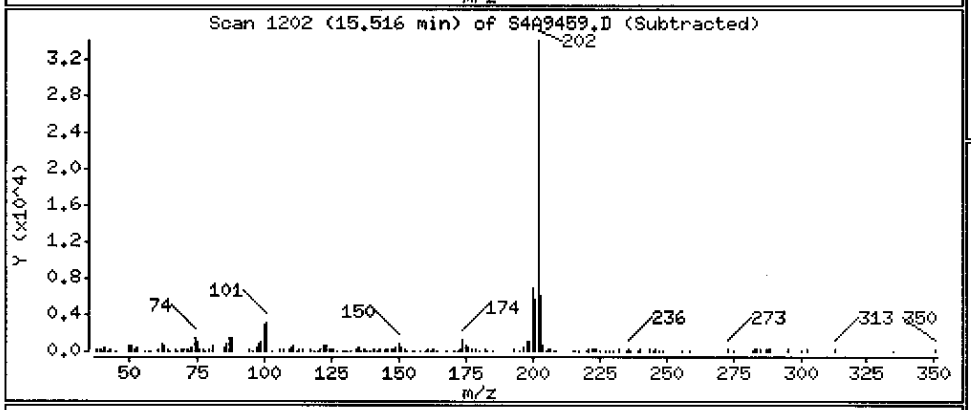
Column diameter: 0.25

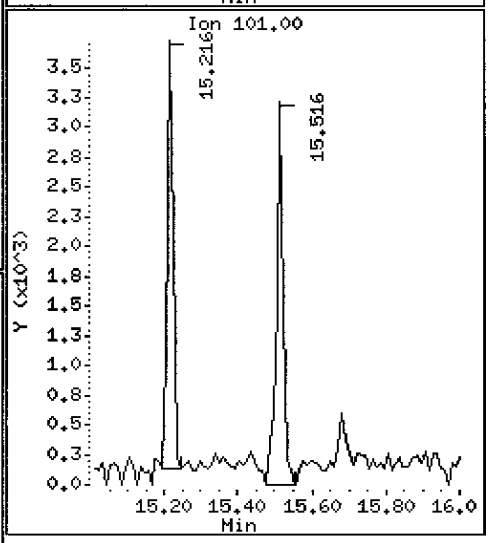
64 Pyrene

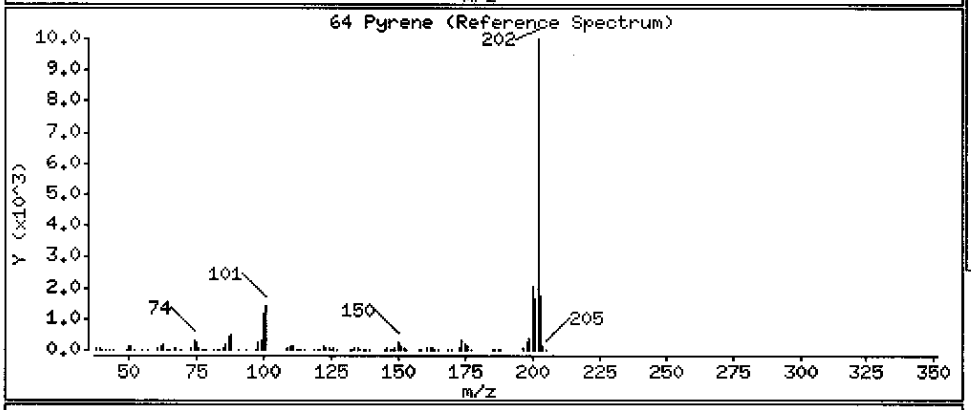
Concentration: 430 ug/Kg

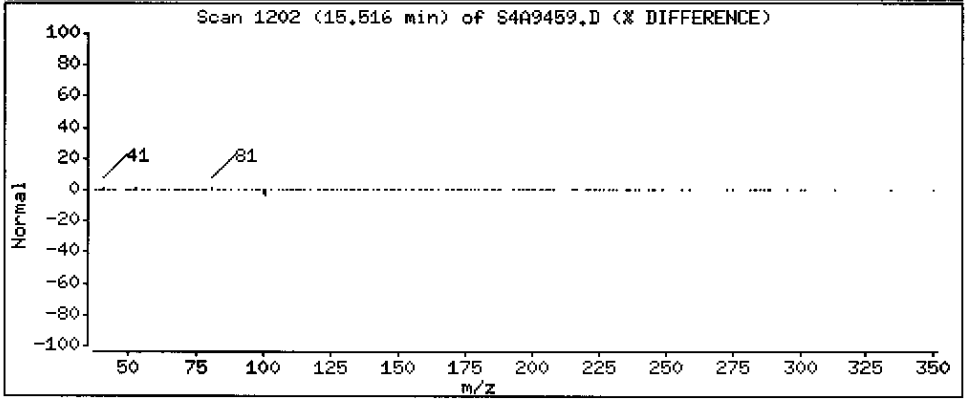












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

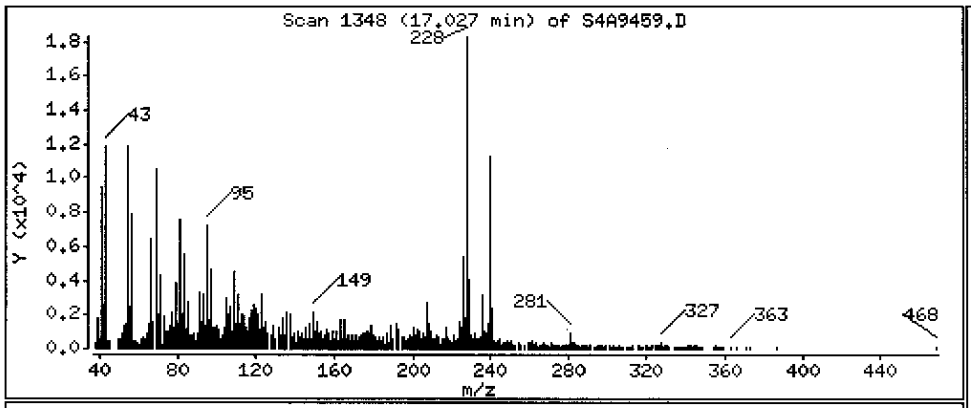
Client ID: SD12-S-0 Instrument: S4.i

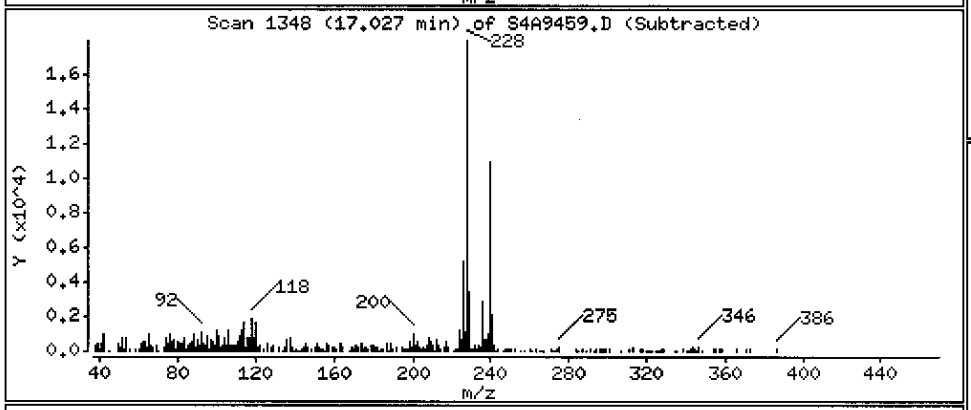
Sample Info: D0926-04A,,19468,,

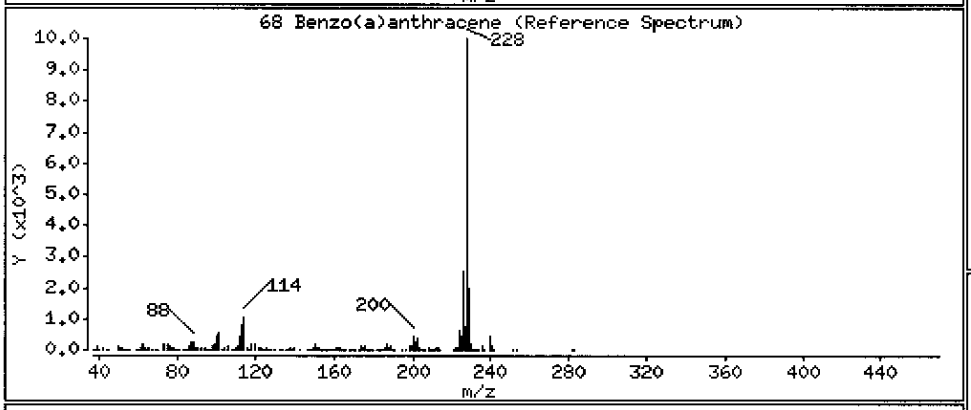
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

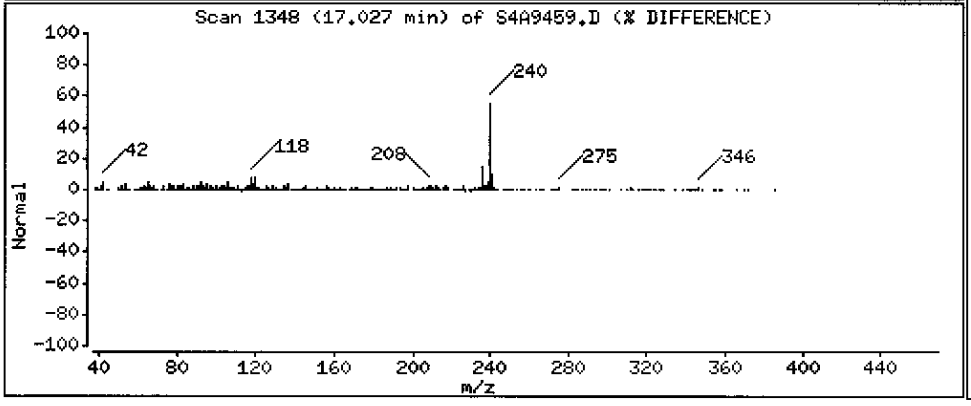
Column phase: DB-5MS Column diameter: 0.25

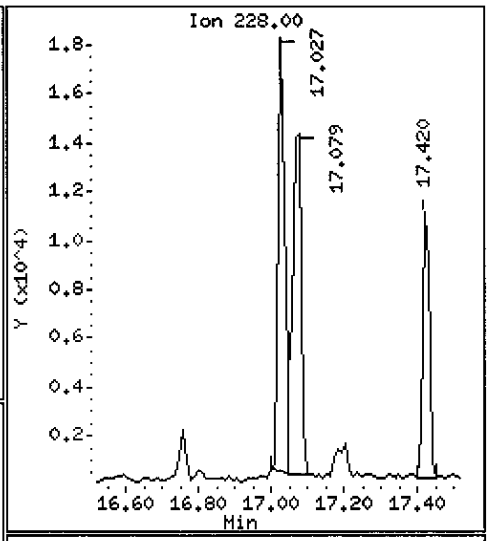
68 Benzo(a)anthracene Concentration: 290 ug/Kg

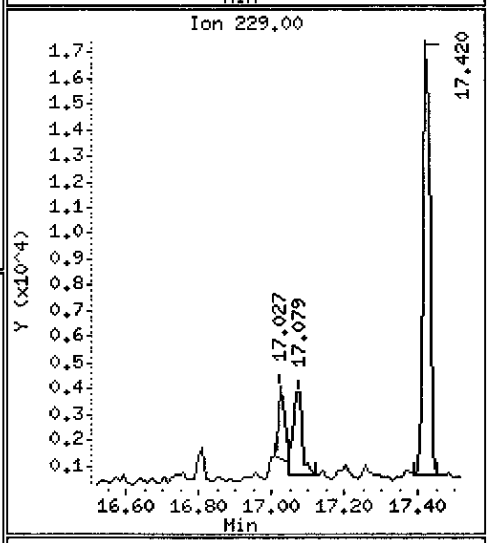


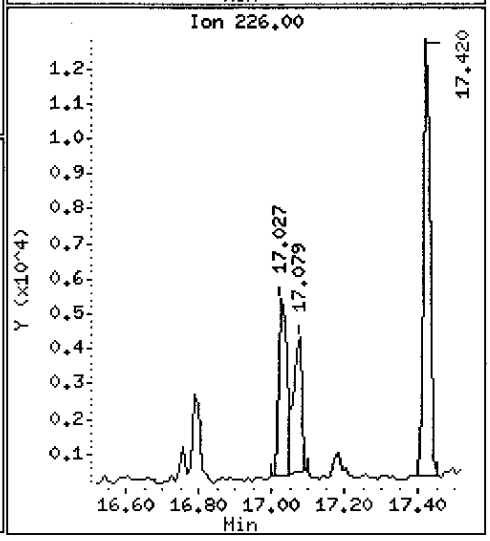












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

Client ID: SD12-S-0

Instrument: S4.i

Sample Info: D0926-04A,,19468,,

Volume Injected (uL): 2.0

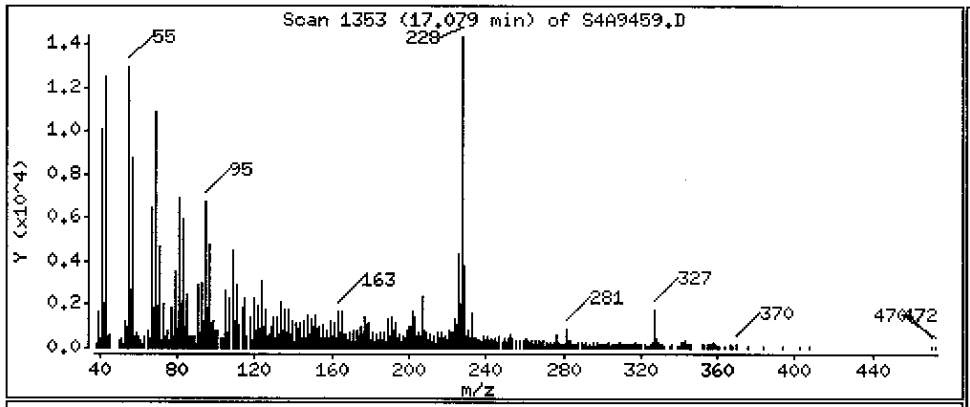
Operator: AW SRC: LIMS

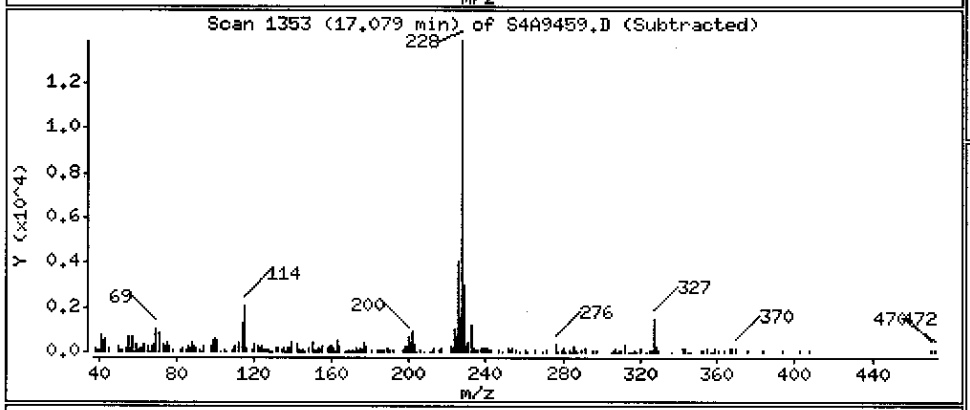
Column phase: DB-5MS

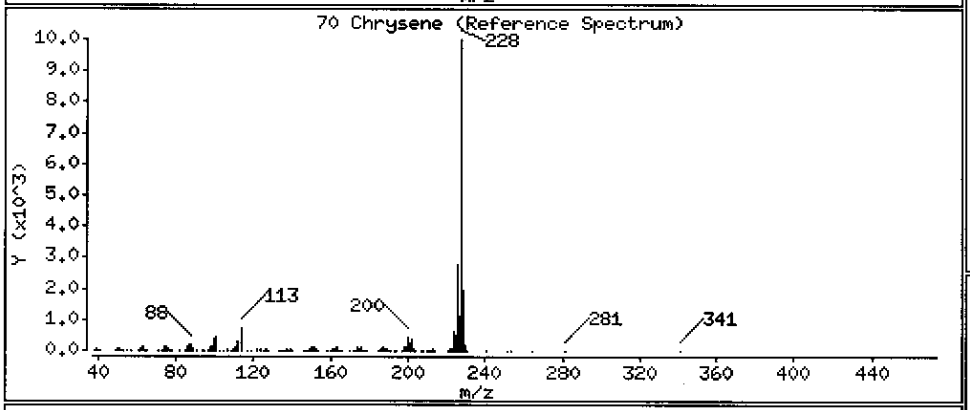
Column diameter: 0.25

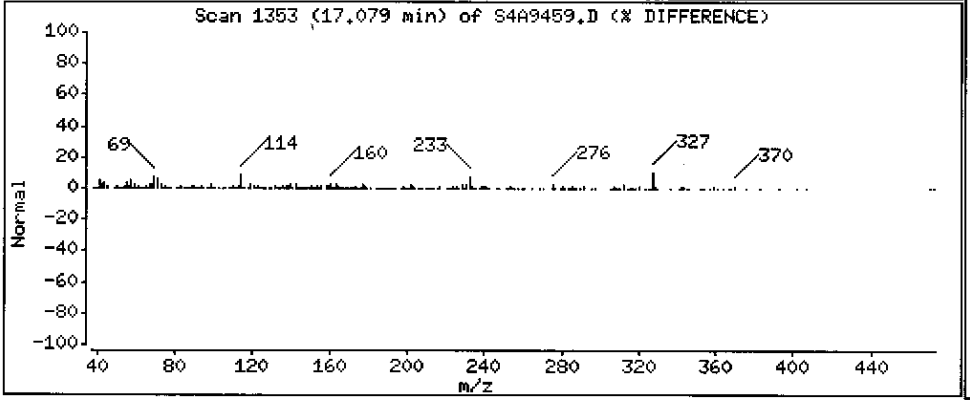
70 Chrysene

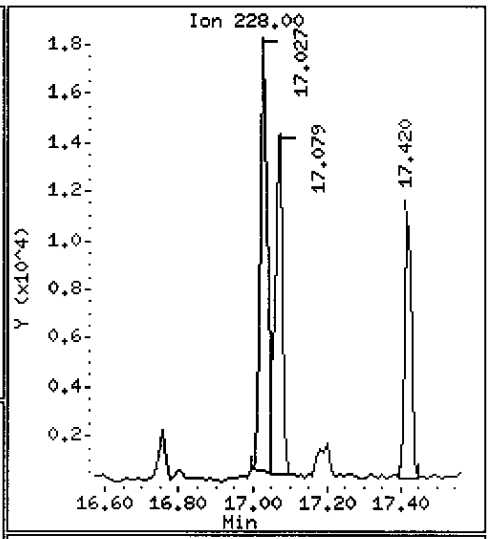
Concentration: 330 ug/Kg

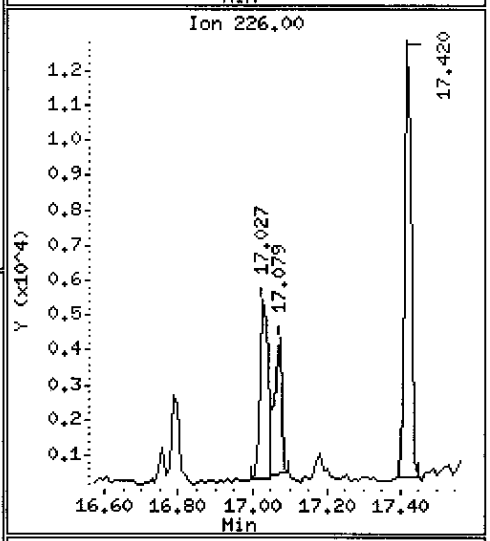


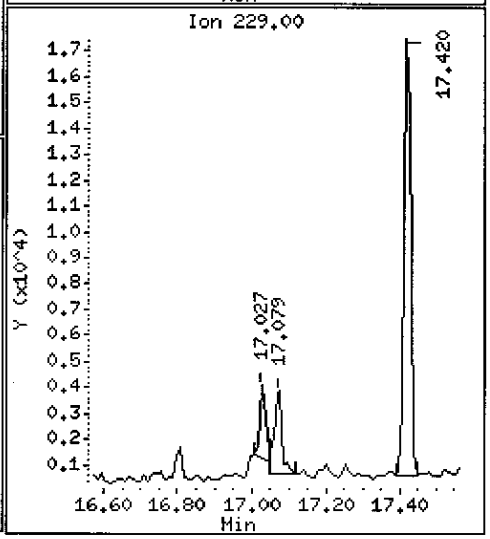












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

Client ID: SD12-S-O

Instrument: S4.i

Sample Info: D0926-04A,,19468,,

Volume Injected (uL): 2.0

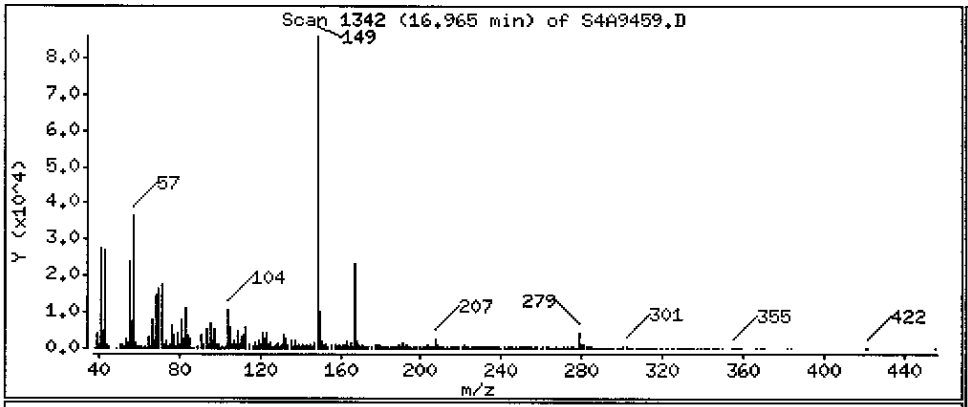
Operator: AW SRC: LIMS

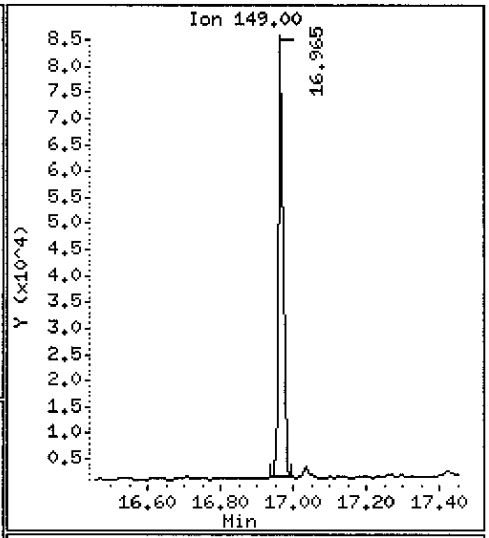
Column phase: DB-5MS

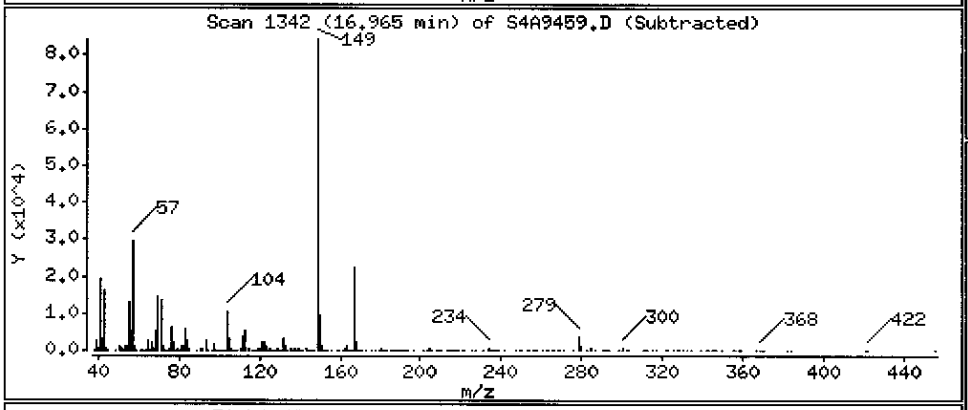
Column diameter: 0.25

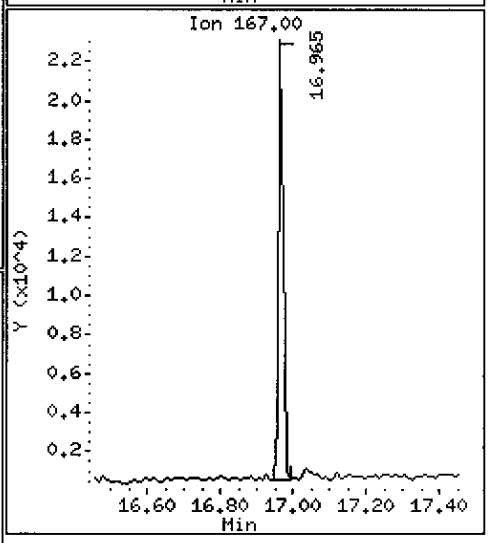
71 bis(2-Ethylhexyl)phthalate

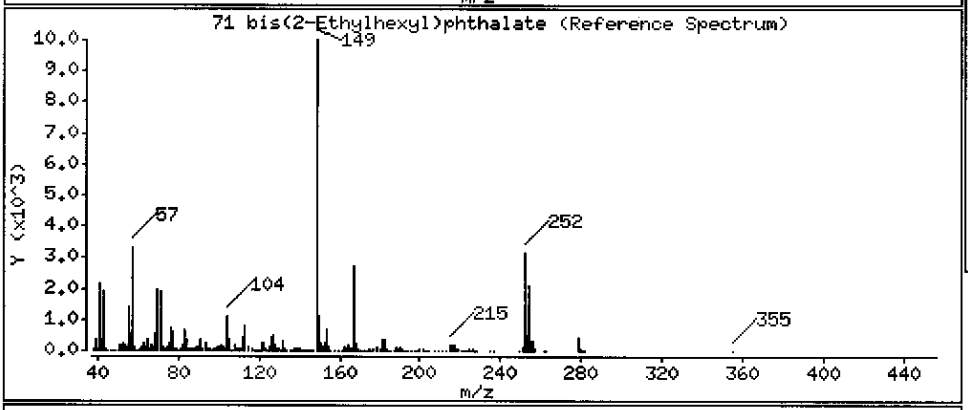
Concentration: 1300 ug/Kg

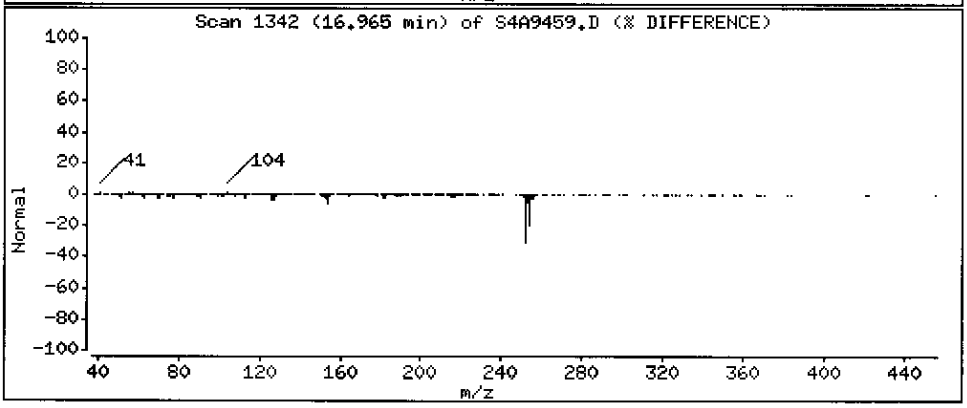












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

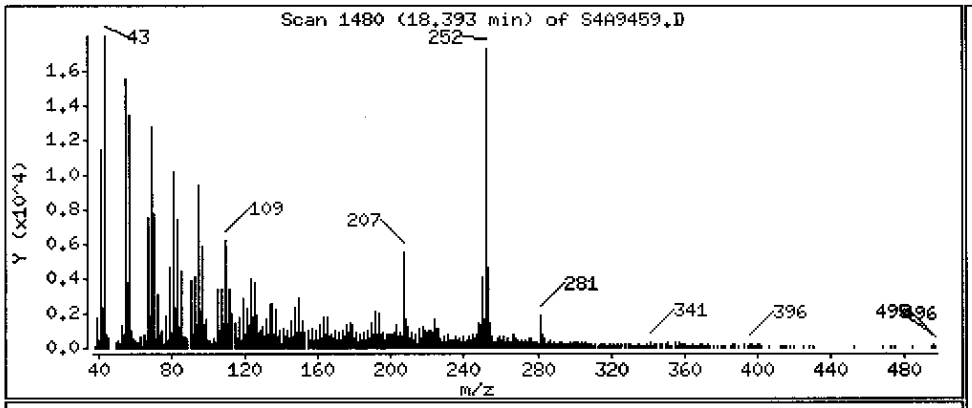
Client ID: SD12-S-0 Instrument: S4.i

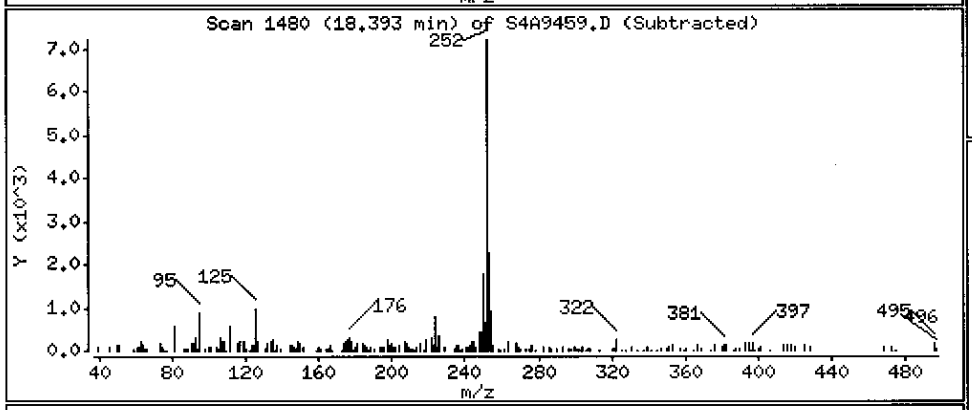
Sample Info: D0926-04A,,19468,,

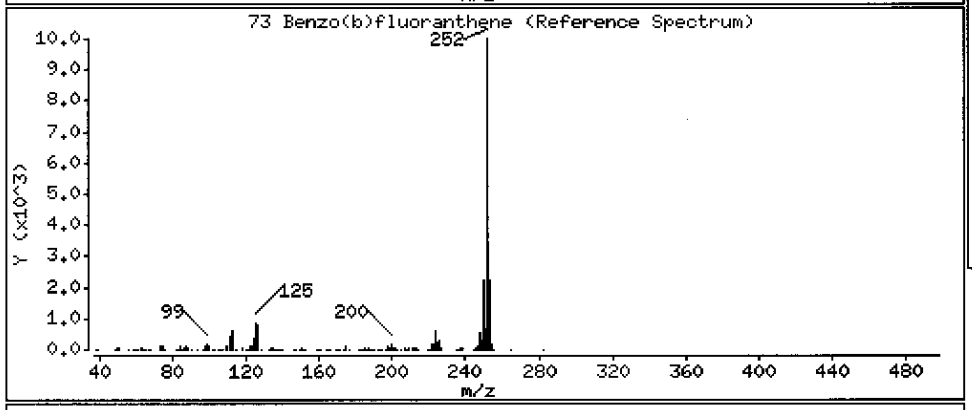
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

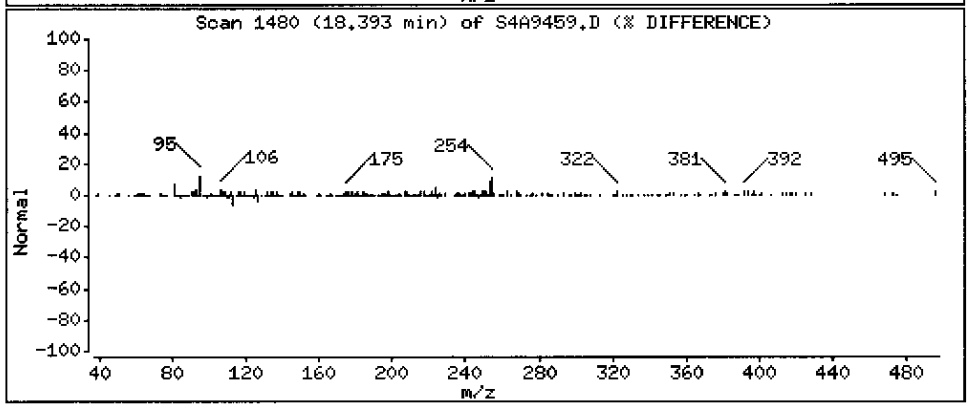
Column phase: DB-5MS Column diameter: 0.25

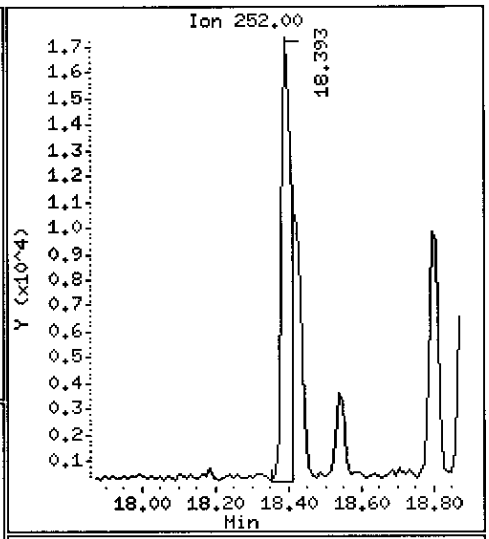
73 Benzo(b)fluoranthene Concentration: 410 ug/Kg

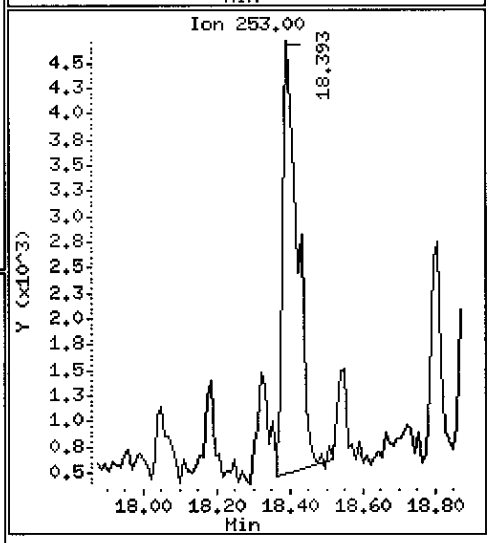












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

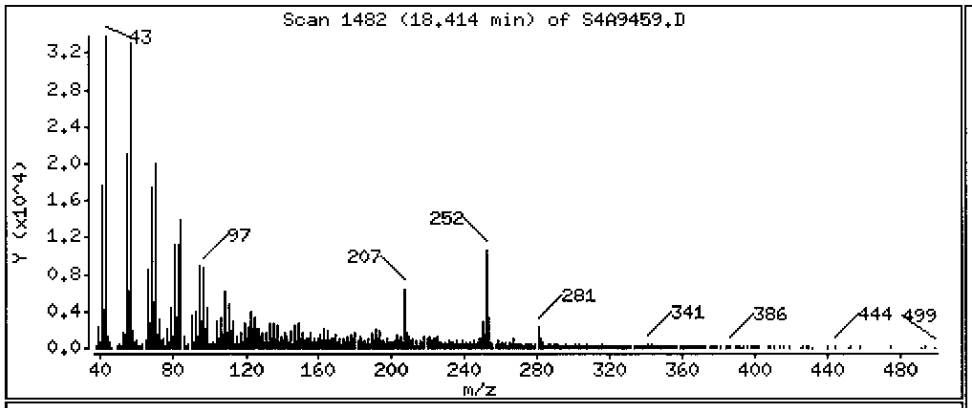
Client ID: SD12-S-0 Instrument: S4.i

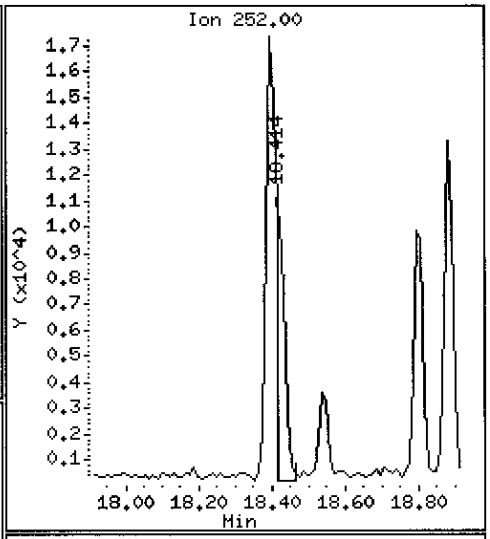
Sample Info: D0926-04A,,19468,,

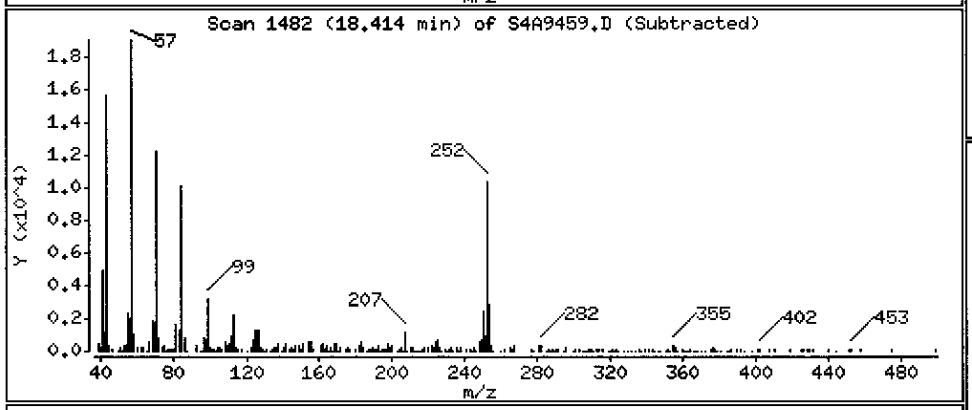
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

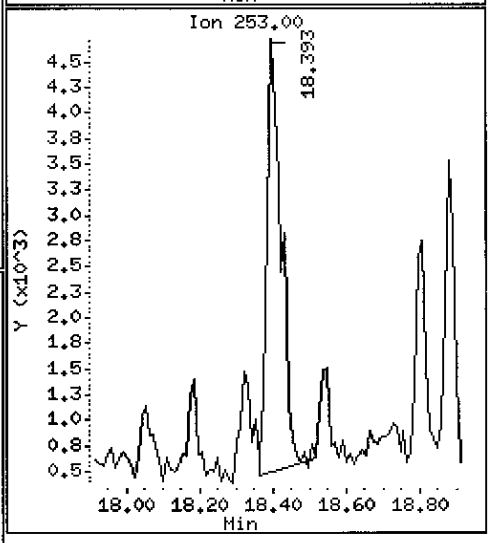
Column phase: DB-5MS Column diameter: 0.25

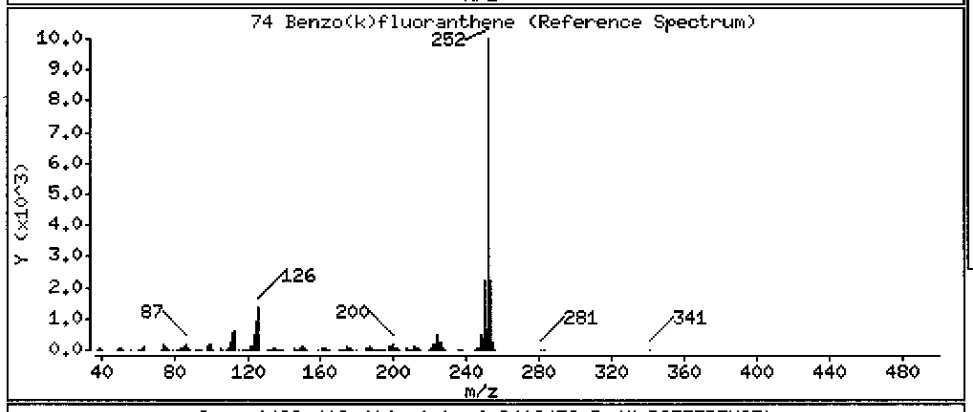
74 Benzo(k)fluoranthene Concentration: 220 ug/Kg

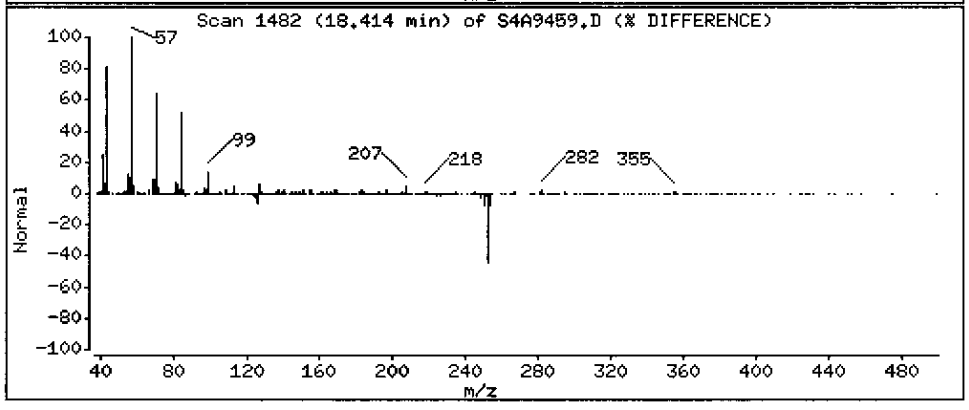












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

Client ID: SD12-S-O

Instrument: S4.i

Sample Info: D0926-04A,,19468,,

Volume Injected (uL): 2.0

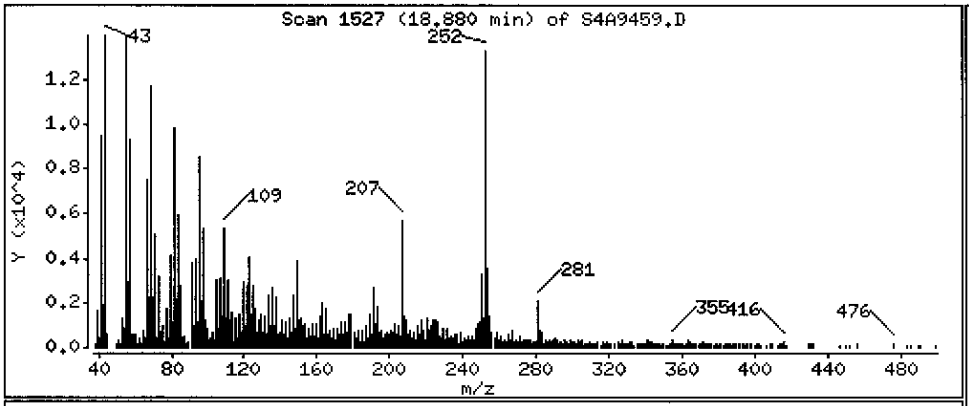
Operator: AW SRC: LIMS

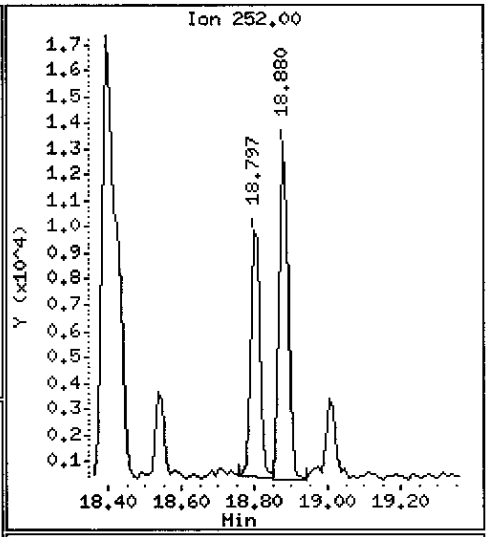
Column phase: DB-5MS

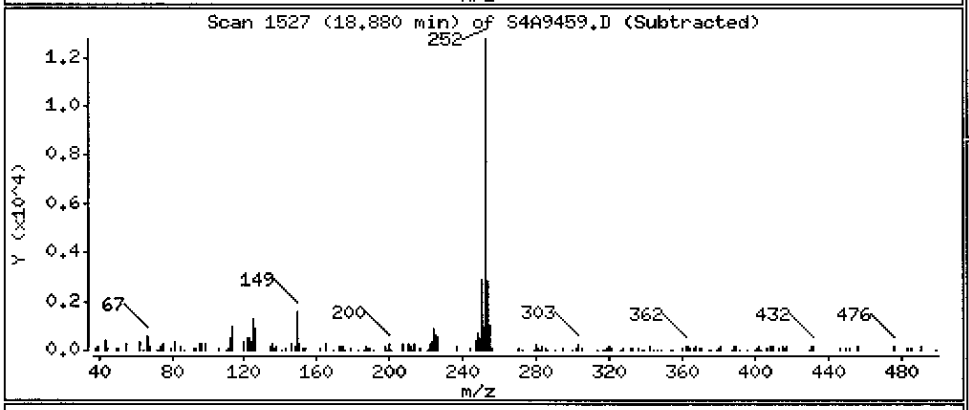
Column diameter: 0.25

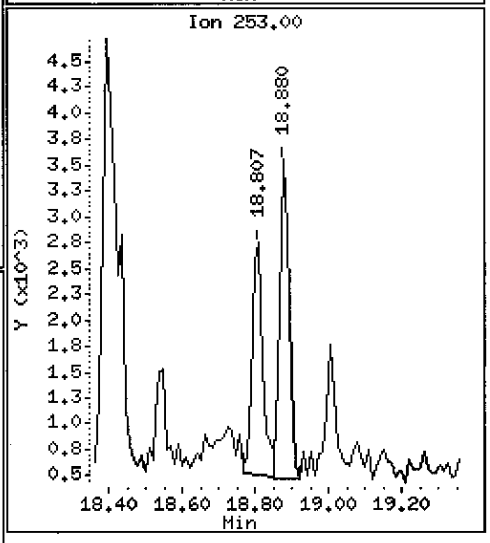
75 Benzo(a)pyrene

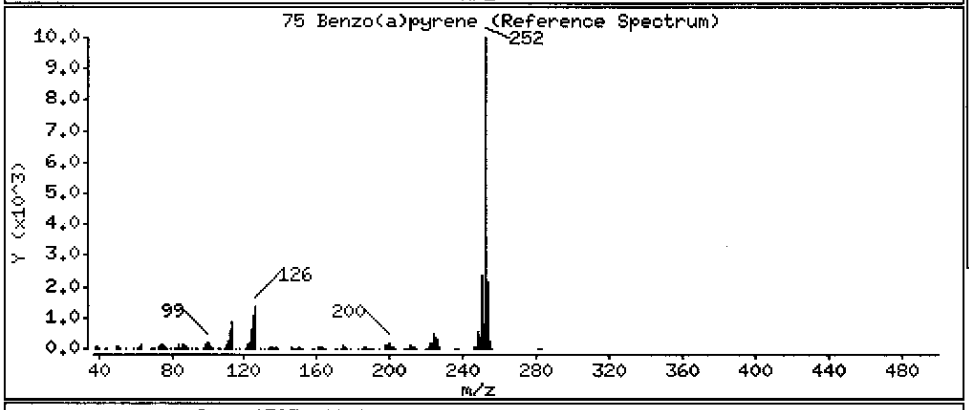
Concentration: 320 ug/Kg

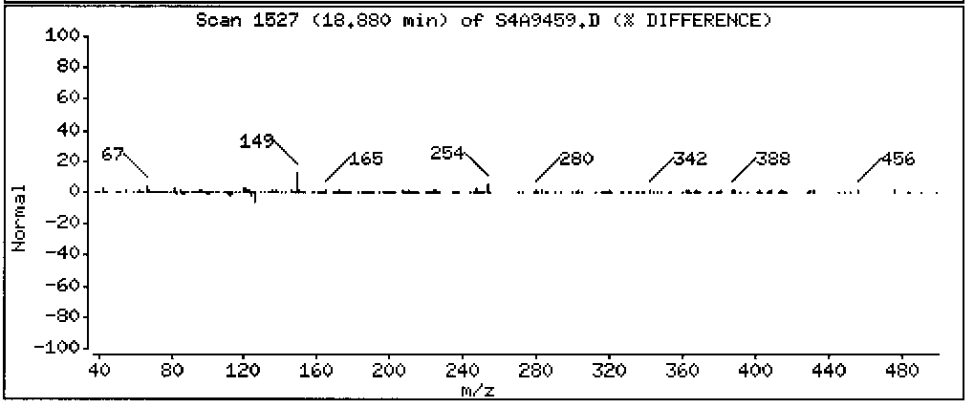












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

Client ID: SD12-S-0

Instrument: S4.i

Sample Info: D0926-04A,,19468,,

Volume Injected (uL): 2.0

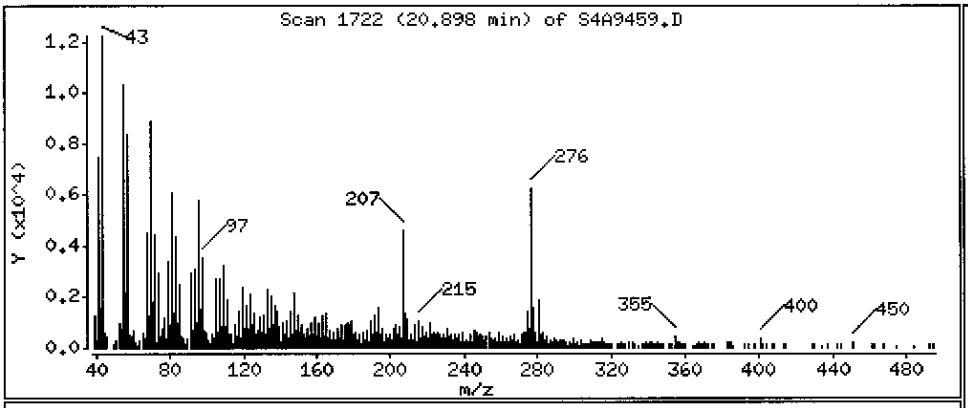
Operator: AW SRC: LIMS

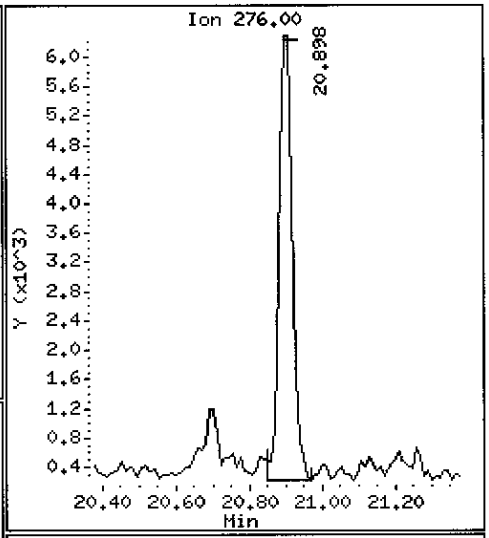
Column phase: DB-5MS

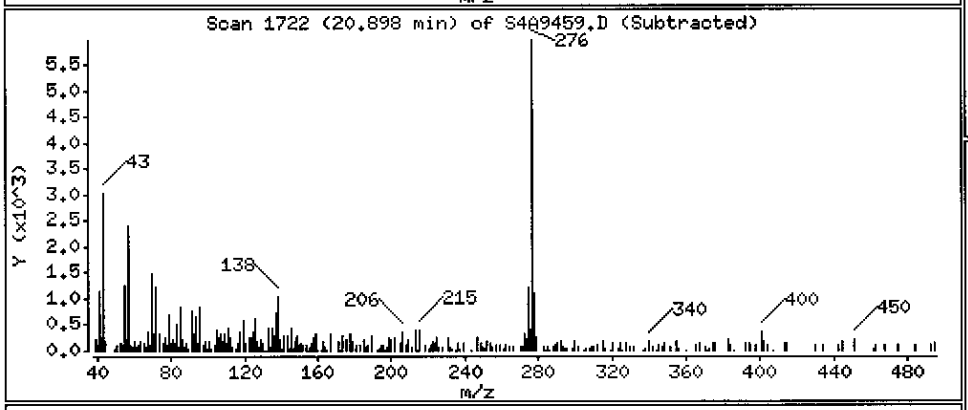
Column diameter: 0.25

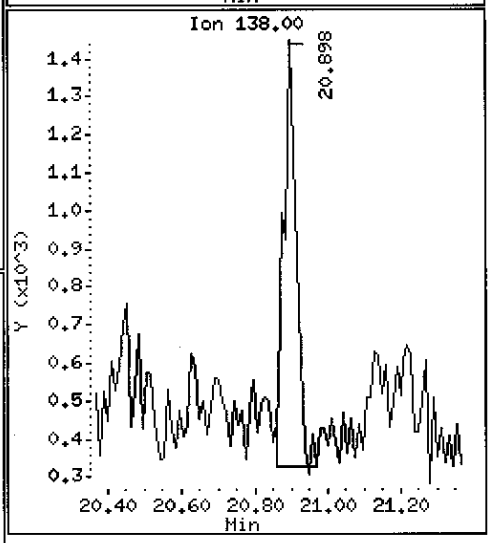
77 Indeno(1,2,3-cd)pyrene

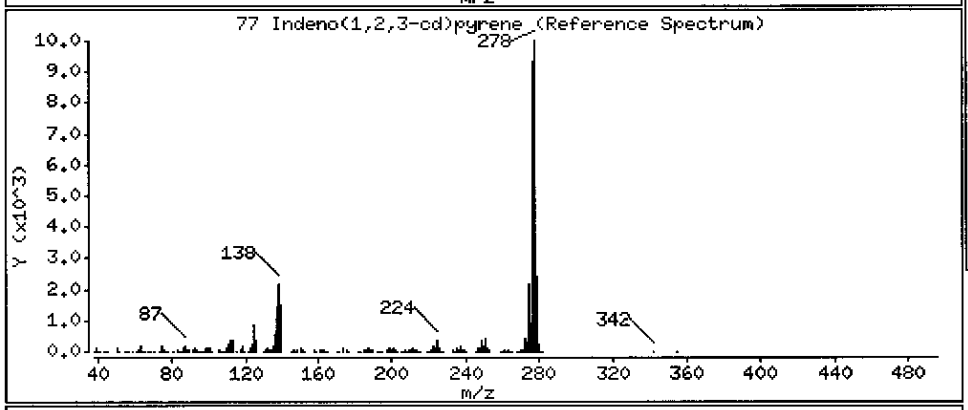
Concentration: 200 ug/Kg

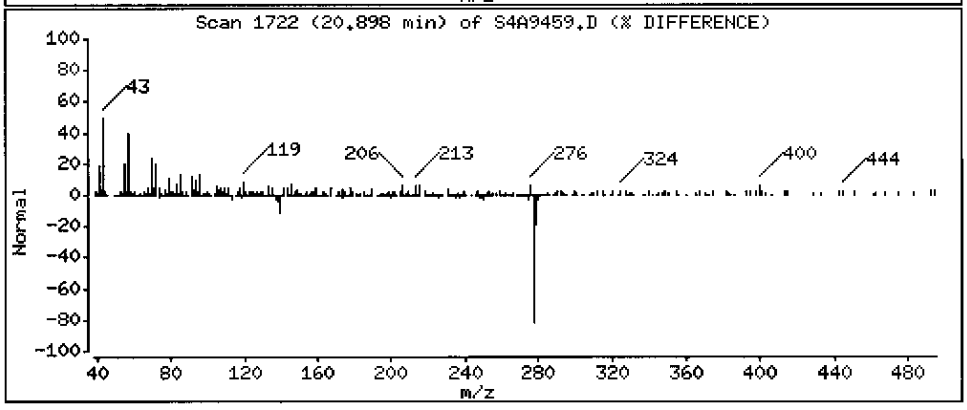












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

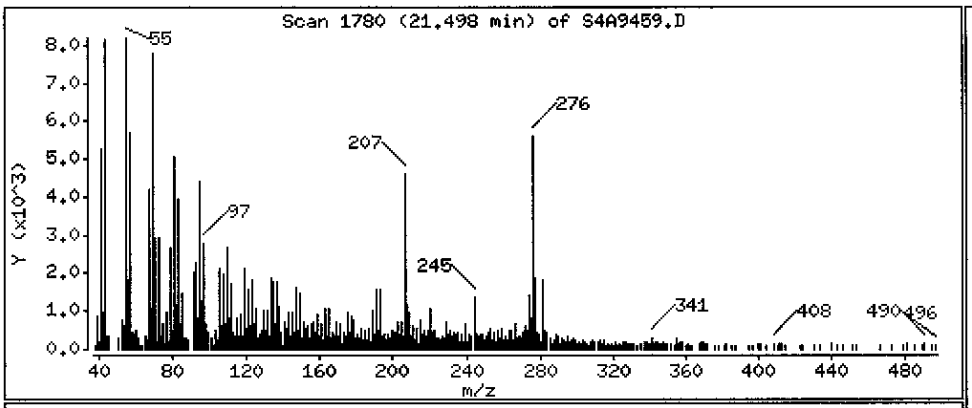
Client ID: SD12-S-0 Instrument: S4.i

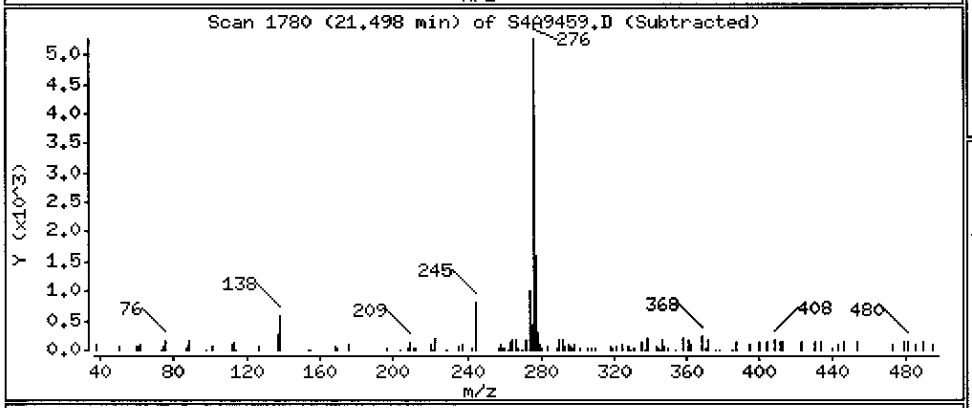
Sample Info: D0926-04A,,19468,,

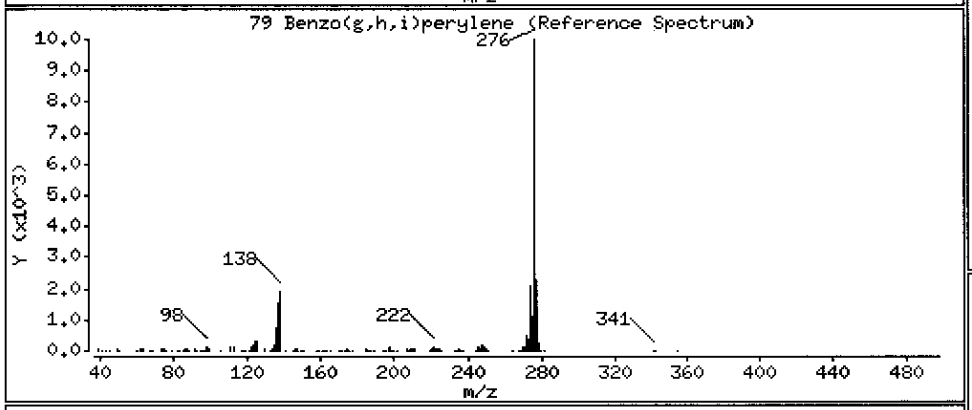
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

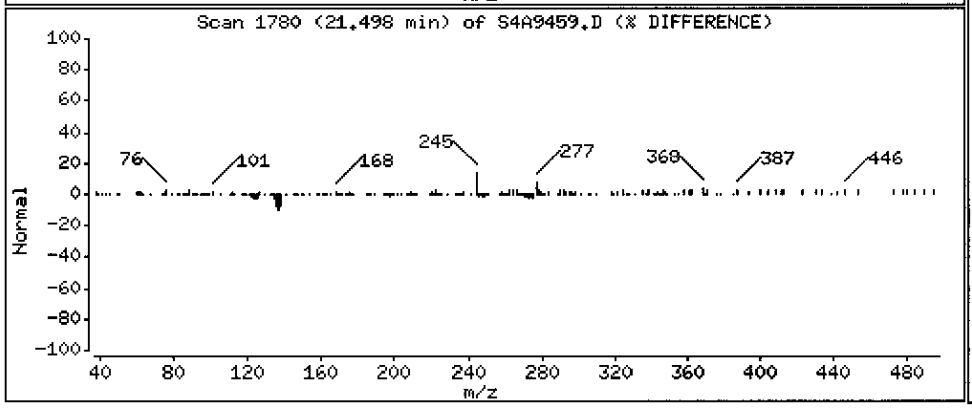
Column phase: DB-5MS Column diameter: 0.25

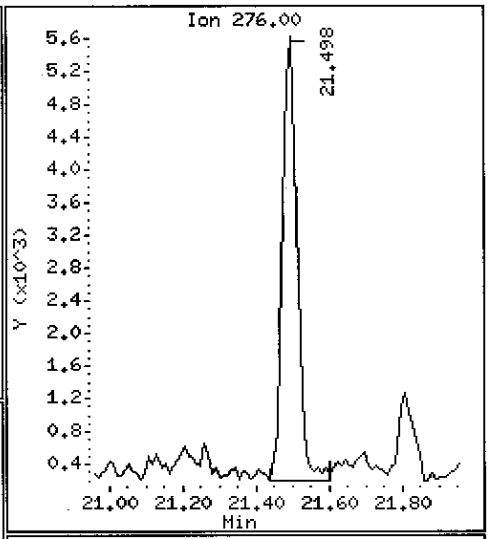
79 Benzo(g,h,i)perylene Concentration: 260 ug/Kg

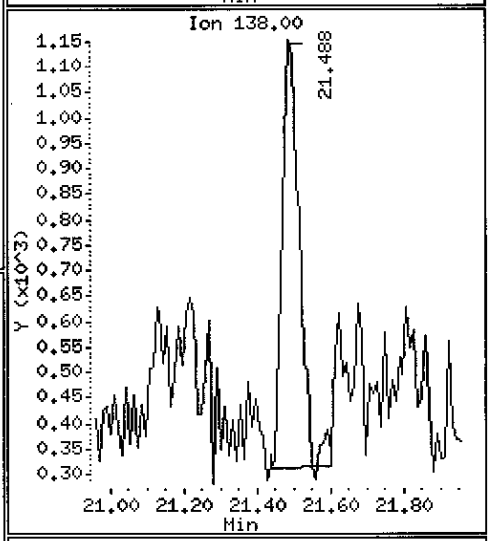


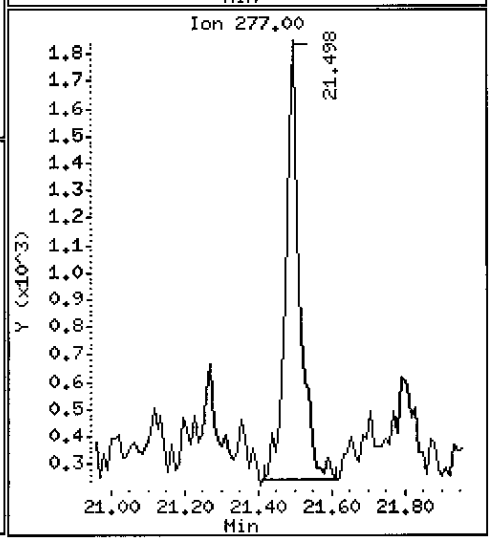












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

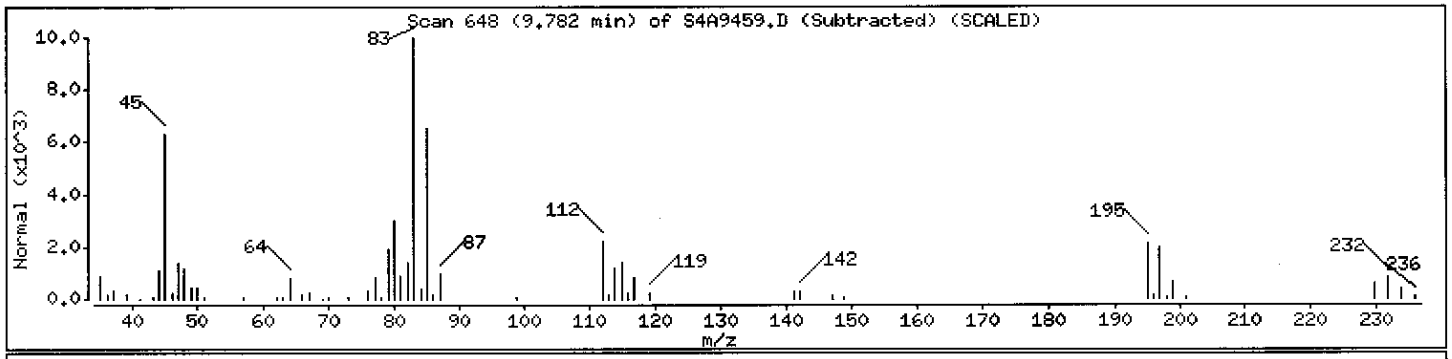
Client ID: SD12-S-0 Instrument: S4.i

Sample Info: D0926-04A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

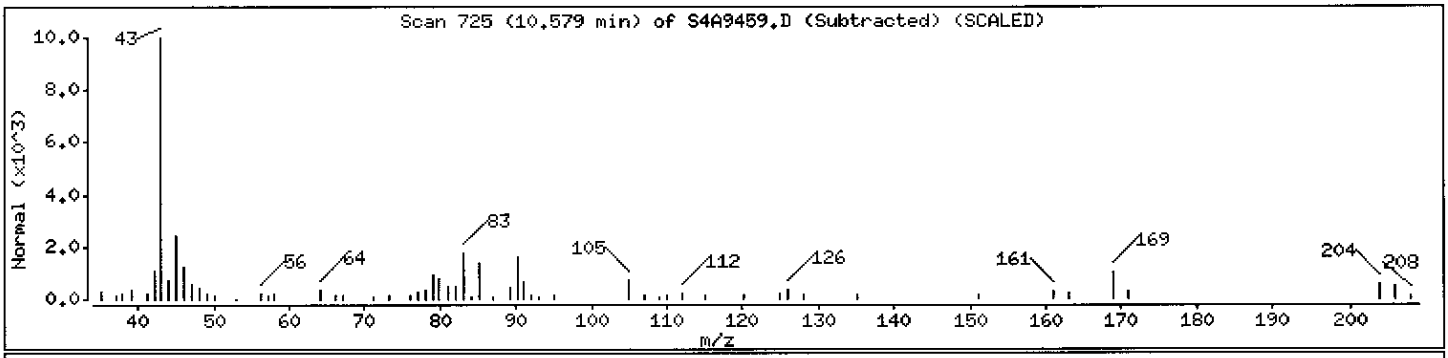
Client ID: SD12-S-0 Instrument: S4.i

Sample Info: D0926-04A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

Client ID: SD12-S-O

Instrument: S4.i

Sample Info: D0926-04A,,19468,,

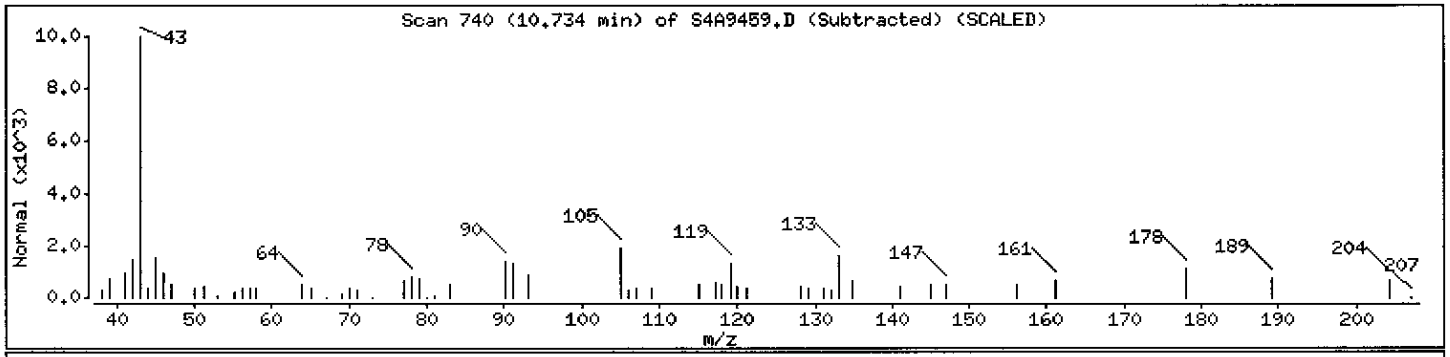
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

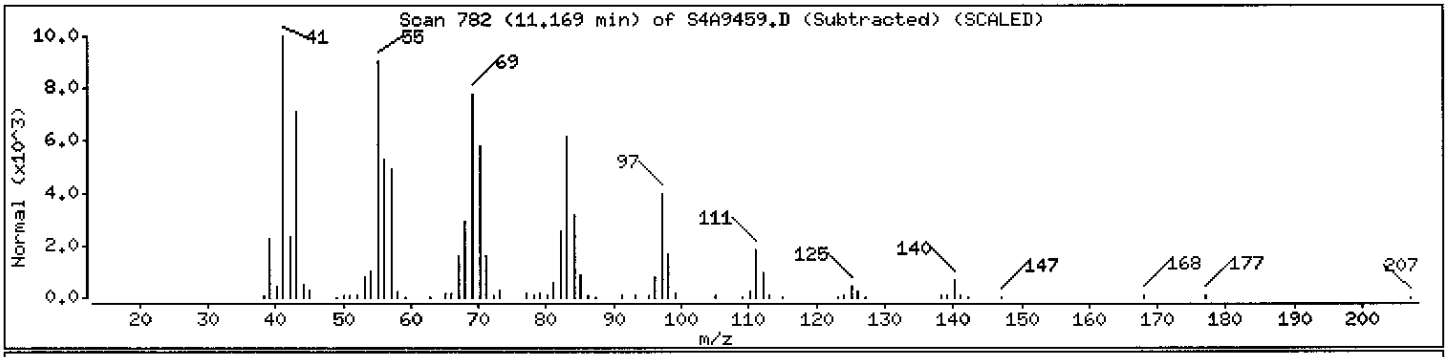
Client ID: SD12-S-0 Instrument: S4.i

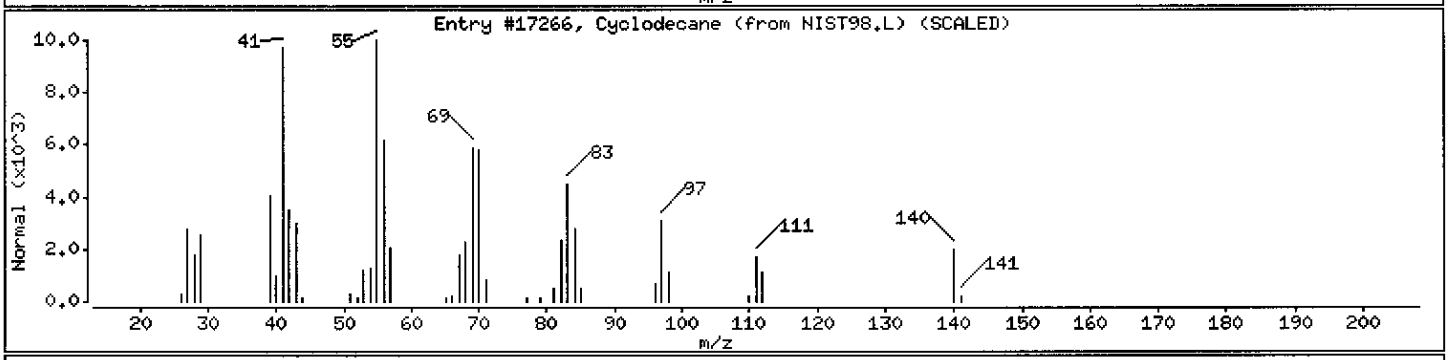
Sample Info: D0926-04A,,19468,,

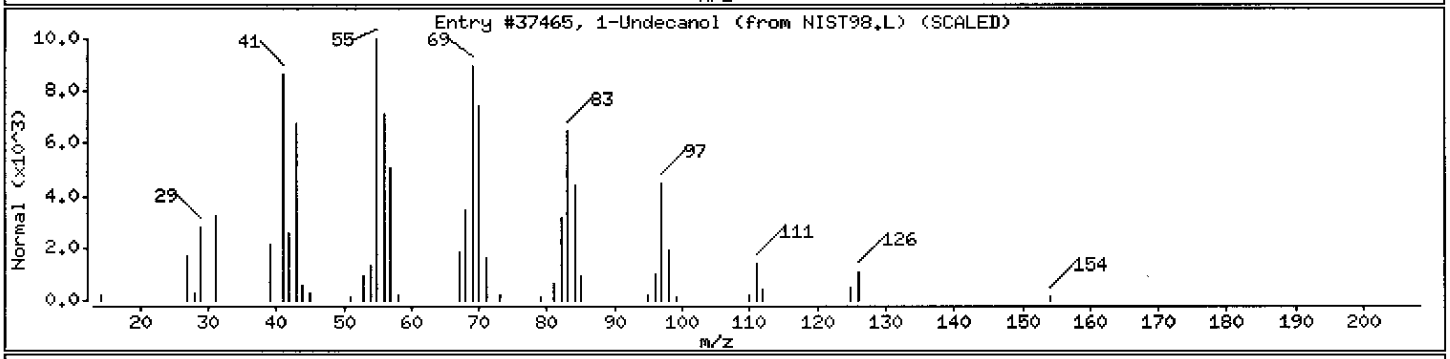
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

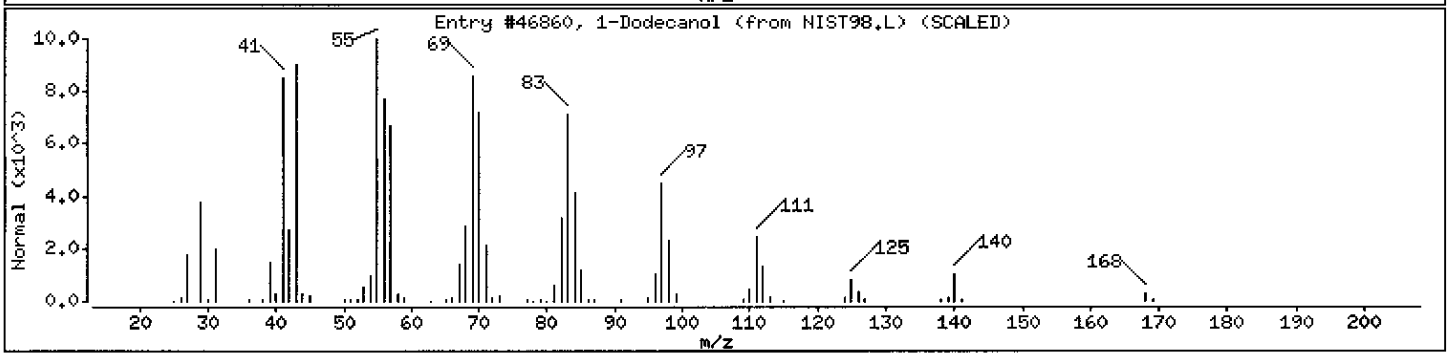
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclodecane	293-96-9	NIST98.L	17266	95	C10H20	140
1-Undecanol	112-42-5	NIST98.L	37465	91	C11H240	172
1-Dodecanol	112-53-8	NIST98.L	46860	91	C12H260	186









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

Client ID: SD12-S-0 Instrument: S4.i

Sample Info: D0926-04A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Propenoic acid, tridecyl ester	3076-04-8	NIST98.L	90894	59	C16H3002	254
7-Tetradecene, (E)-	41446-63-3	NIST98.L	53633	52	C14H28	196
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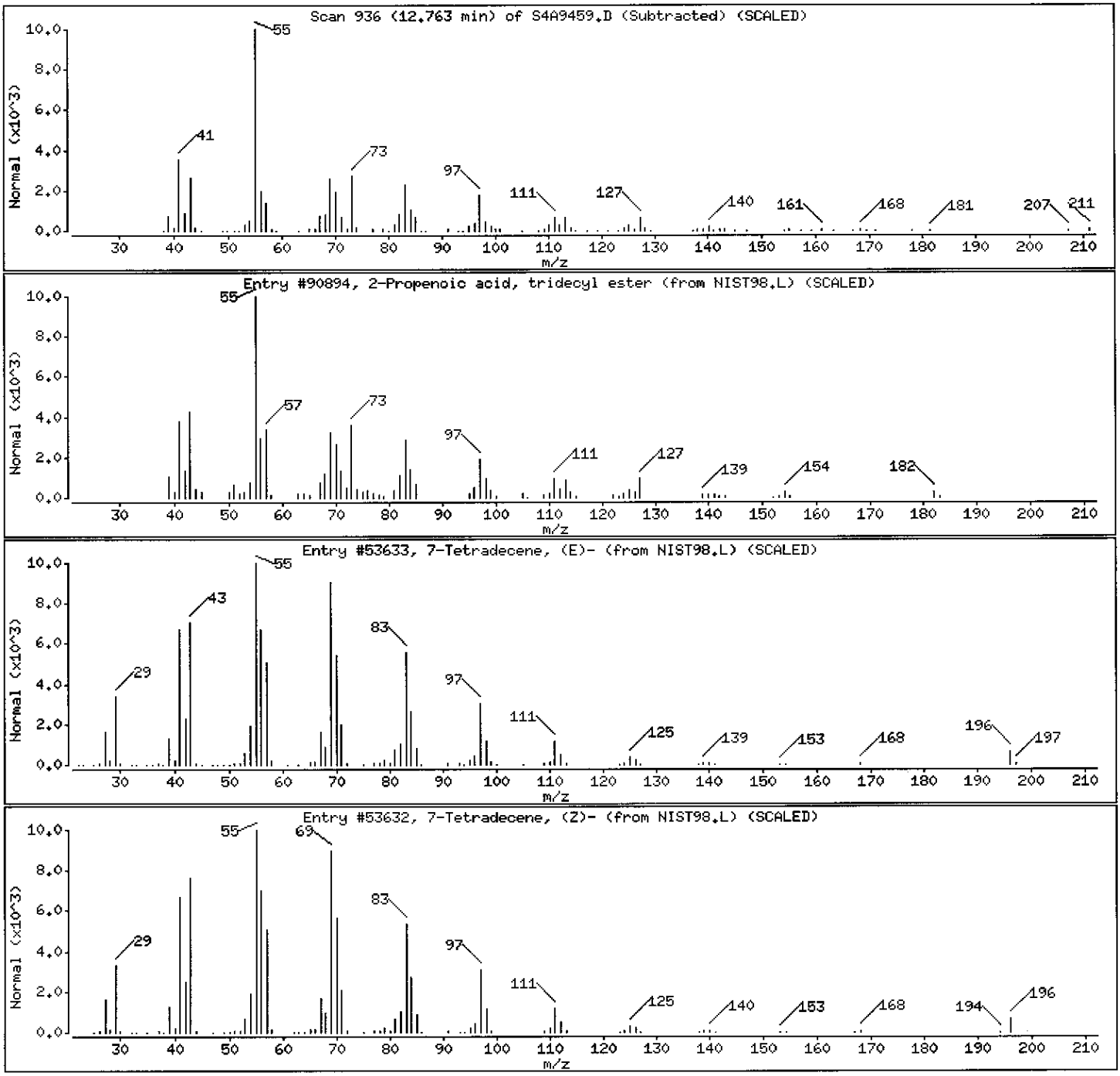


Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

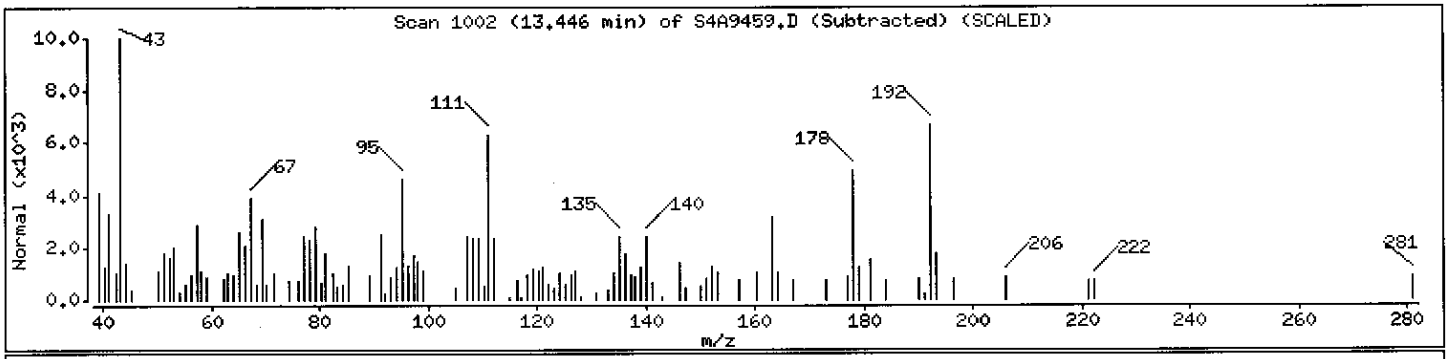
Client ID: SD12-S-0 Instrument: S4.i

Sample Info: D0926-04A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 14:12

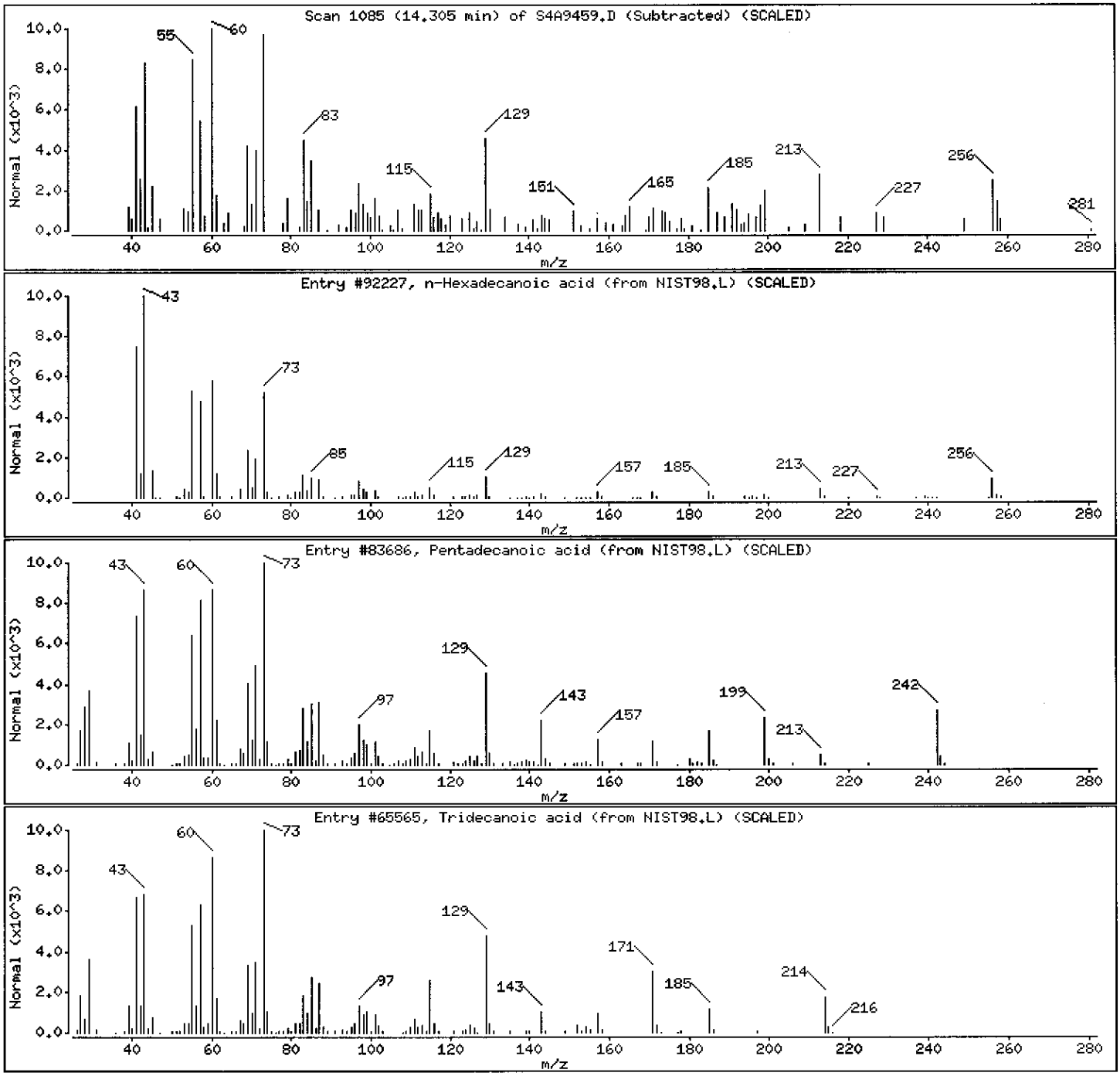
Client ID: SD12-S-0 Instrument: S4.i

Sample Info: D0926-04A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
n-Hexadecanoic acid	57-10-3	NIST98.L	92227	78	C16H32O2	256
Pentadecanoic acid	1002-84-2	NIST98.L	83686	53	C15H30O2	242
Tridecanoic acid	638-53-9	NIST98.L	65565	47	C13H26O2	214



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Date : 25-AUG-2005 14:12

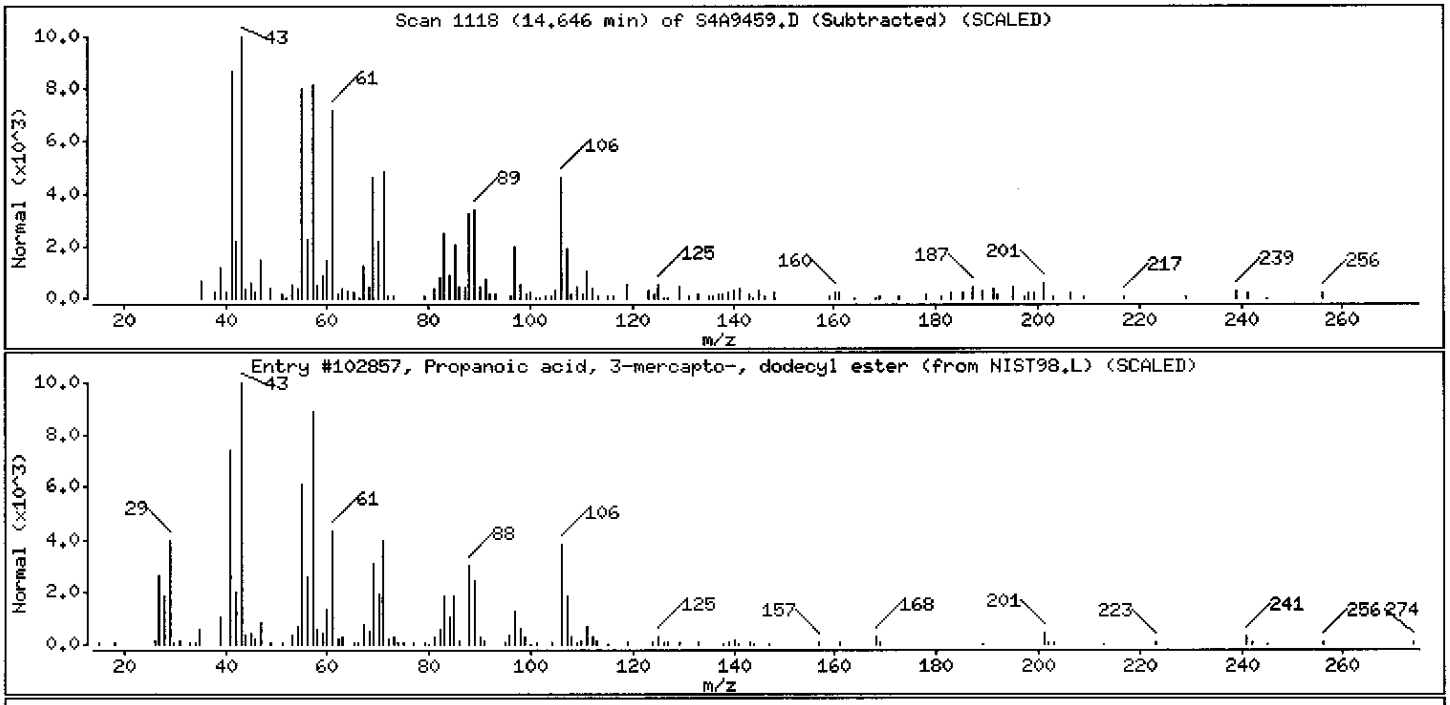
Client ID: SD12-S-O Instrument: S4.i

Sample Info: D0926-04A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Propanoic acid, 3-mercapto-, dodecyl est	6380-71-8	NIST98.L	102857	91	C15H30O2S	274



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

Client ID: SD12-S-O

Instrument: S4.i

Sample Info: D0926-04A,,19468,,

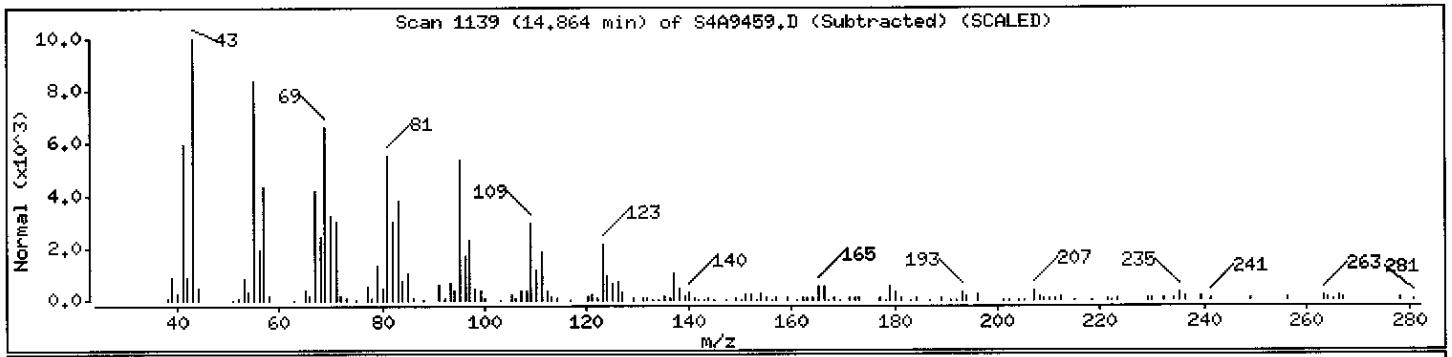
Volume Injected (uL): 2.0

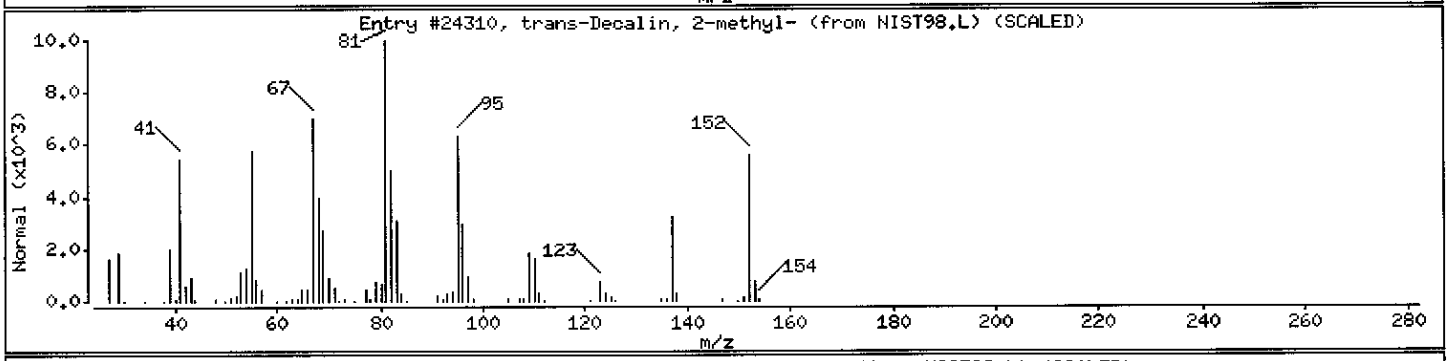
Operator: AW SRC: LIMS

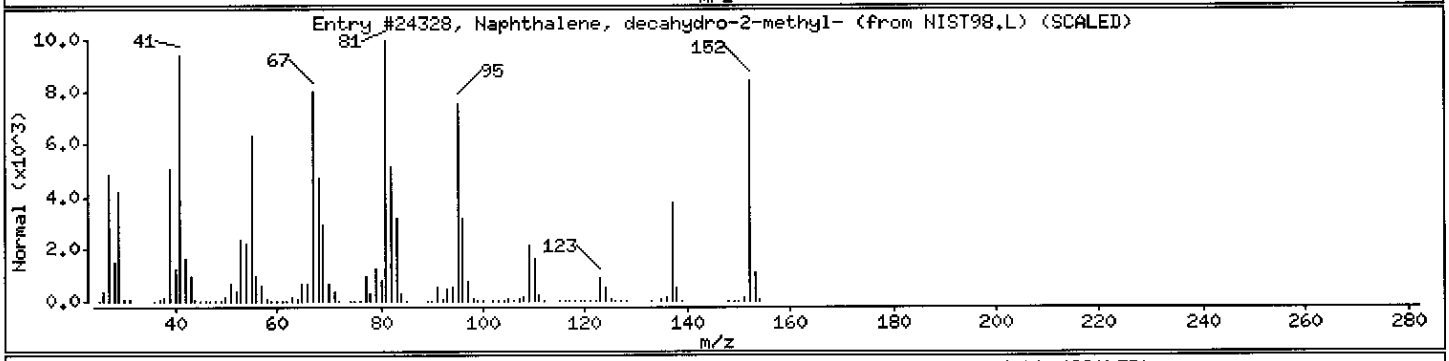
Column phase: DB-5MS

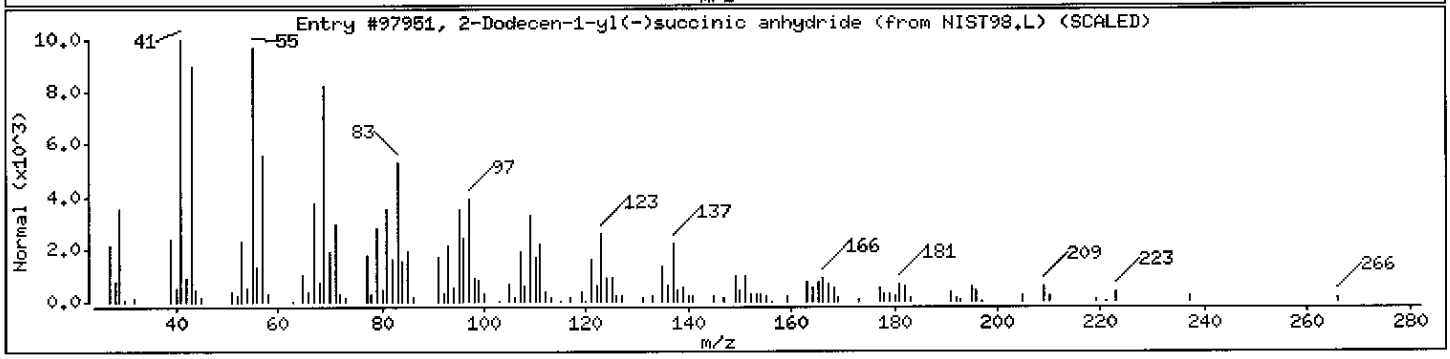
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
trans-Decalin, 2-methyl-	1000152-47-3	NIST98.L	24310	55	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST98.L	24328	55	C11H20	152
2-Dodecen-1-yl(-)succinic anhydride	19780-11-1	NIST98.L	97951	53	C16H26O3	266









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

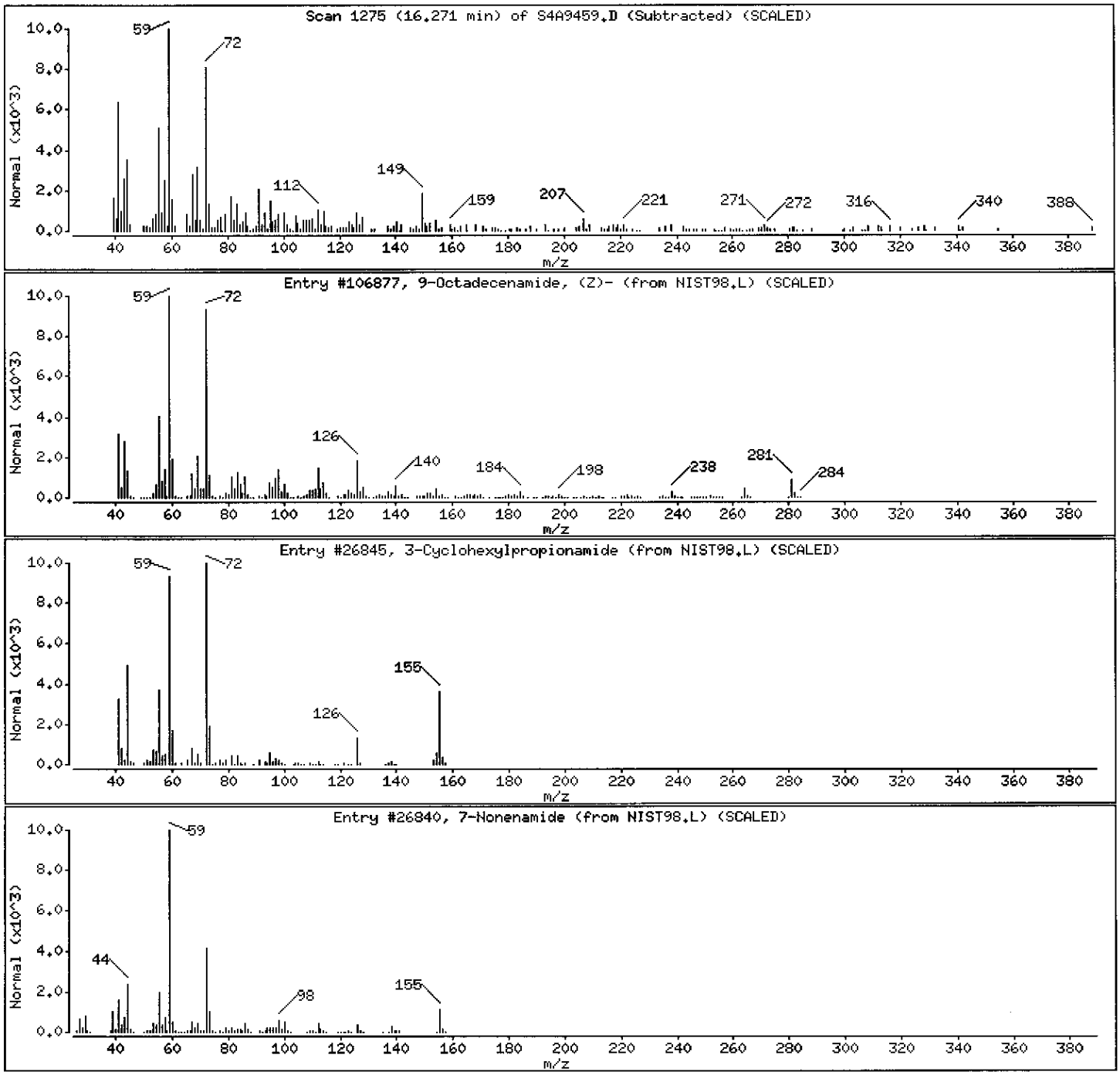
Client ID: SD12-S-0 Instrument: S4.i

Sample Info: D0926-04A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
9-Octadecenamide, (Z)-	301-02-0	NIST98.L	106877	89	C18H35NO	281
3-Cyclohexylpropionamide	4361-29-9	NIST98.L	26845	59	C9H17NO	155
7-Nonenamide	90949-53-4	NIST98.L	26840	47	C9H17NO	155



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

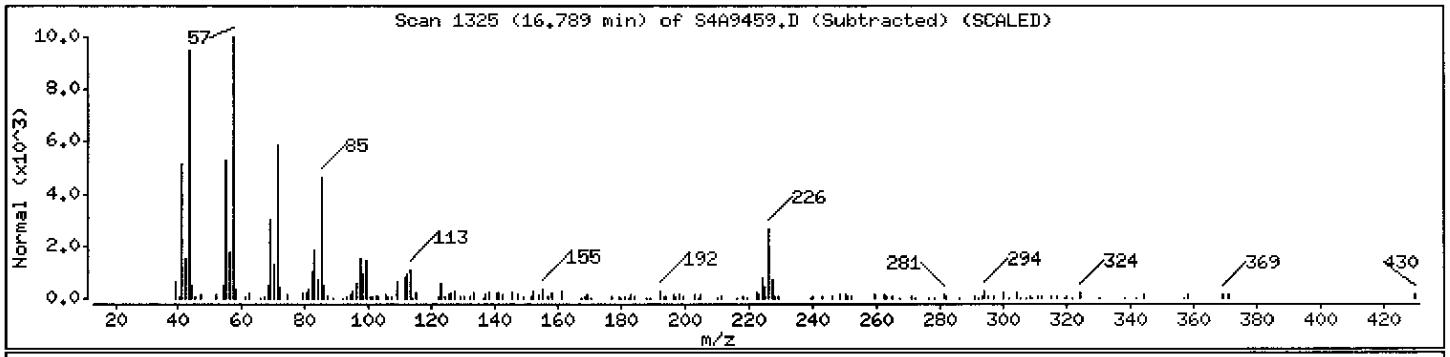
Client ID: SD12-S-0 Instrument: S4.i

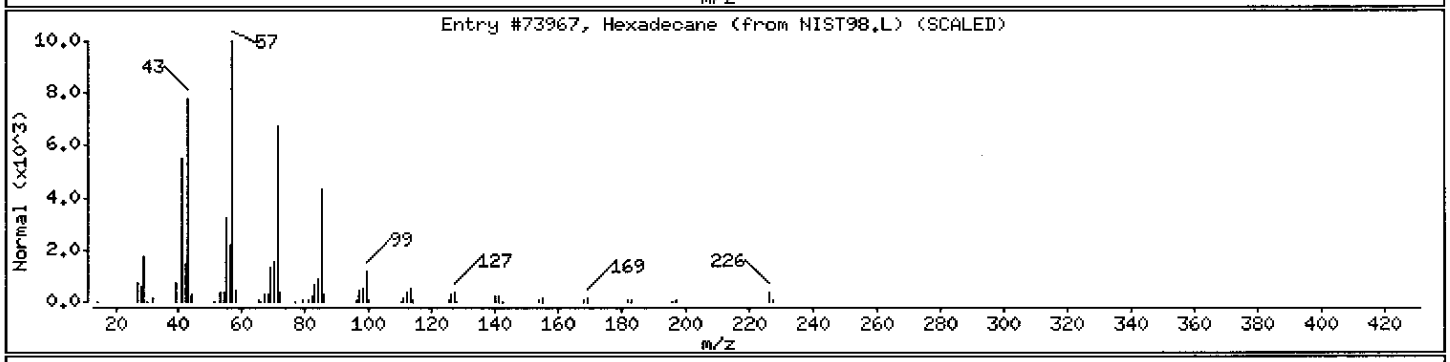
Sample Info: D0926-04A,,19468,,

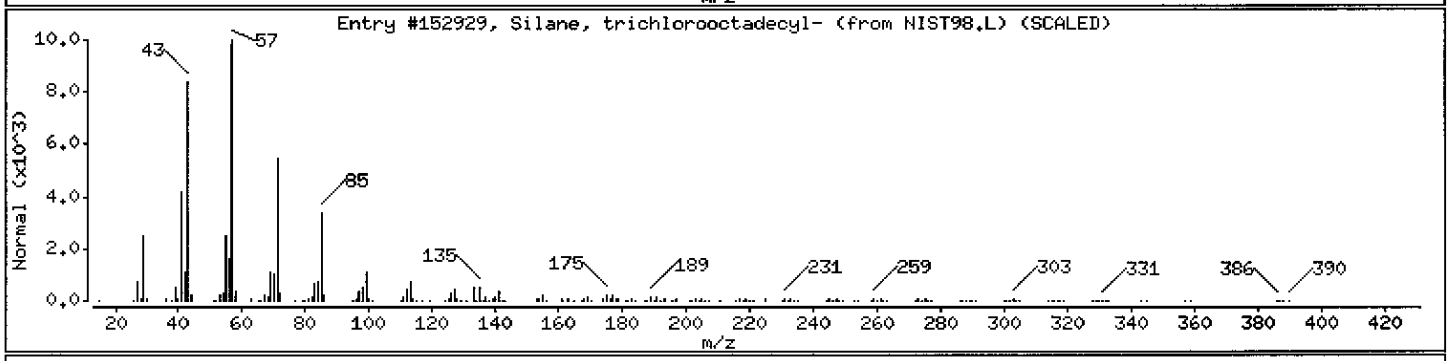
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

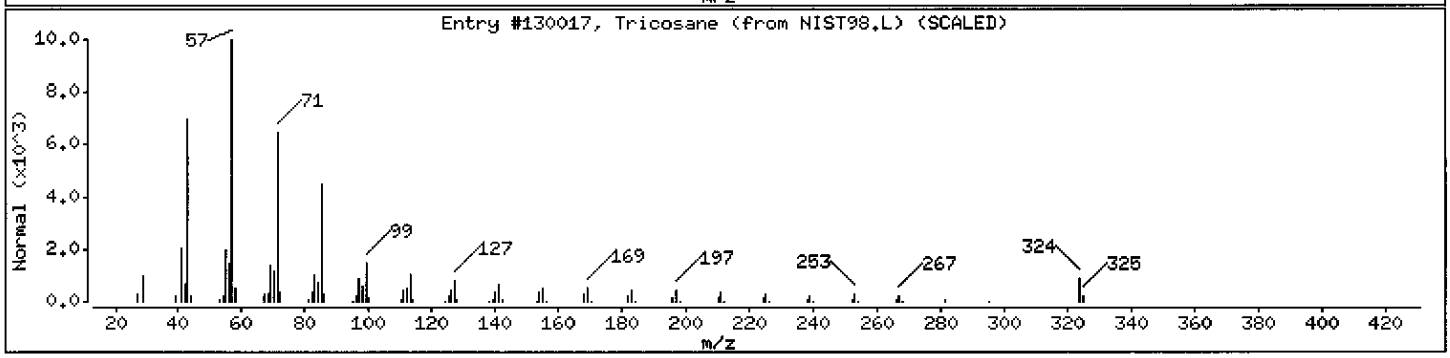
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Hexadecane	544-76-3	NIST98.L	73967	93	C16H34	226
Silane, trichlorooctadecyl-	112-04-9	NIST98.L	152929	72	C18H37Cl3Si	386
Tricosane	638-67-5	NIST98.L	130017	70	C23H48	324









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

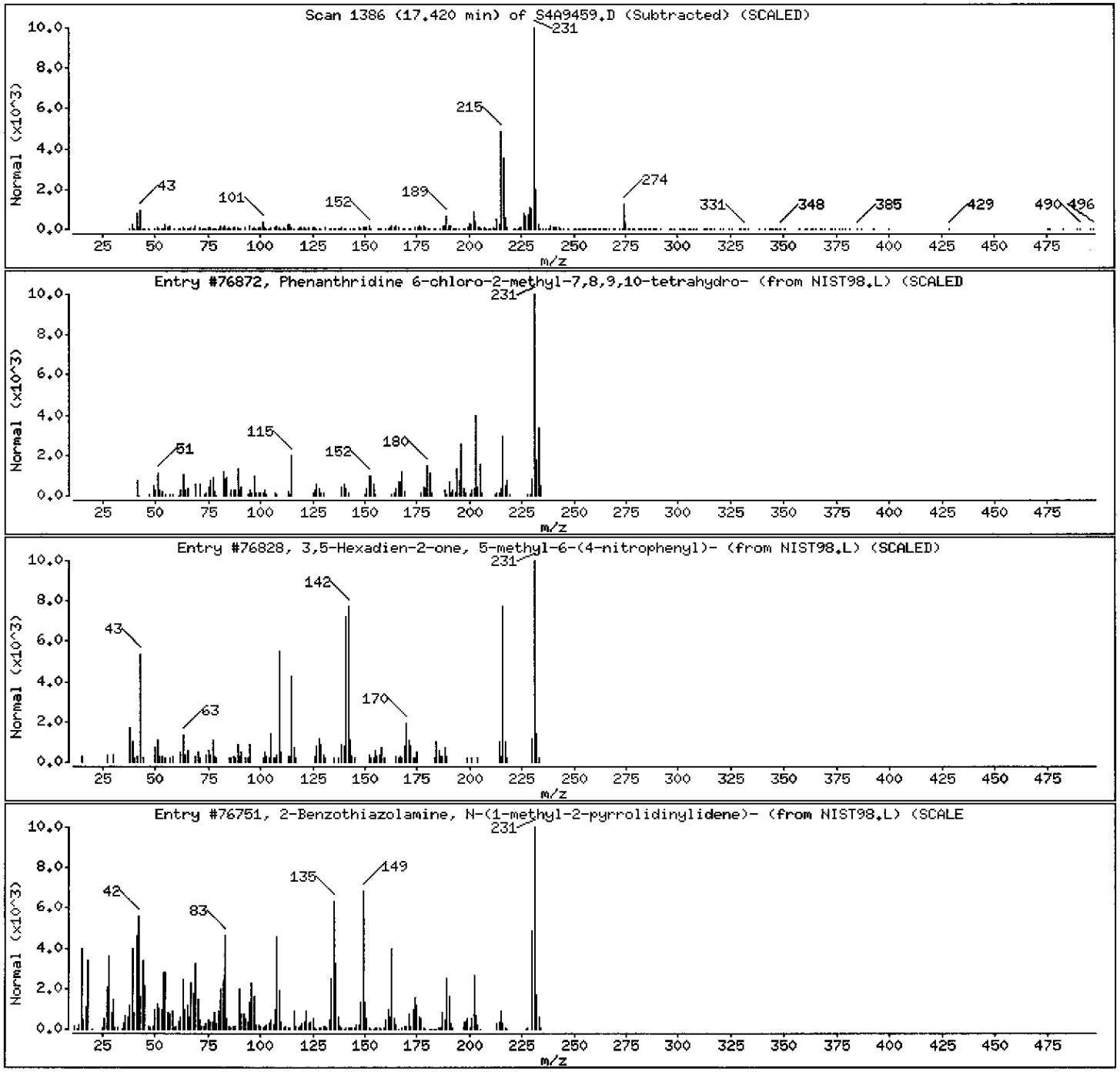
Client ID: SD12-S-0 Instrument: S4.i

Sample Info: D0926-04A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Phenanthridine 6-chloro-2-methyl-7,8,9,1	35417-77-7	NIST98.L	76872	50	C14H14ClN	231
3,5-Hexadien-2-one, 5-methyl-6-(4-nitrop	55191-23-6	NIST98.L	76828	49	C13H13NO3	231
2-Benzothiazolamine, N-(1-methyl-2-pyrro	84859-07-4	NIST98.L	76751	46	C12H13N3S	231



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Date : 25-AUG-2005 14:12

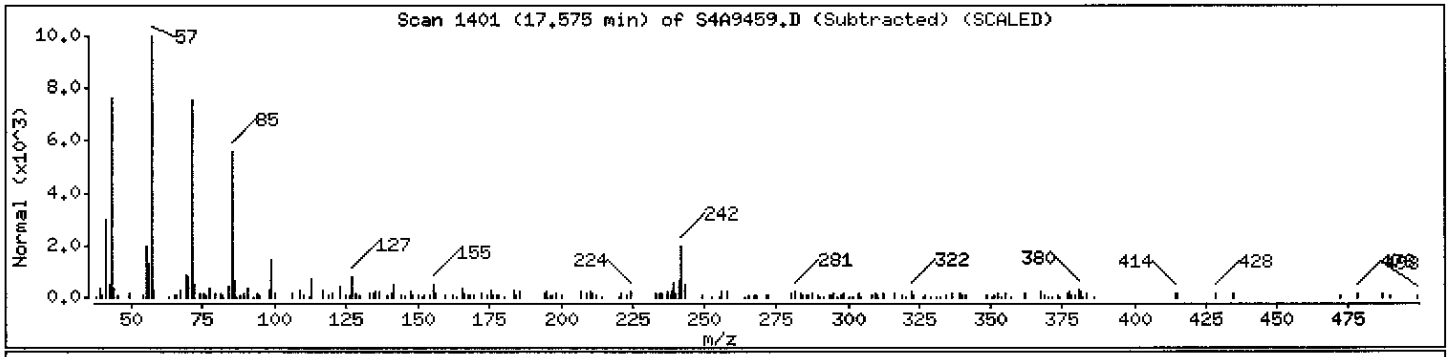
Client ID: SD12-S-0 Instrument: S4.i

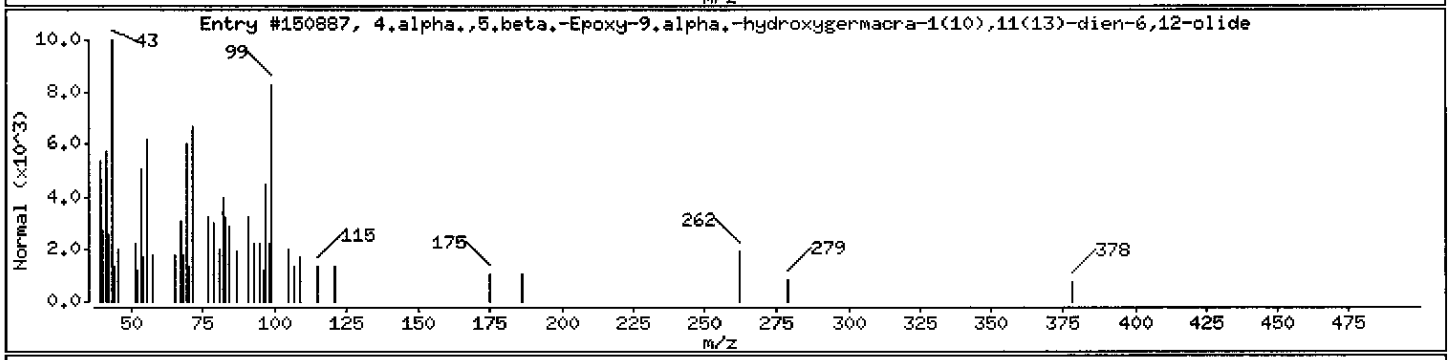
Sample Info: D0926-04A,,19468,,

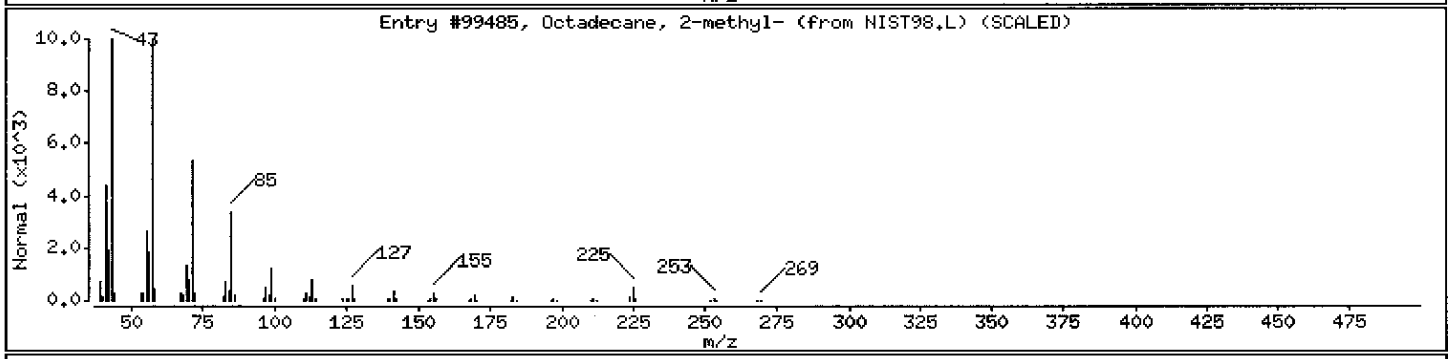
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

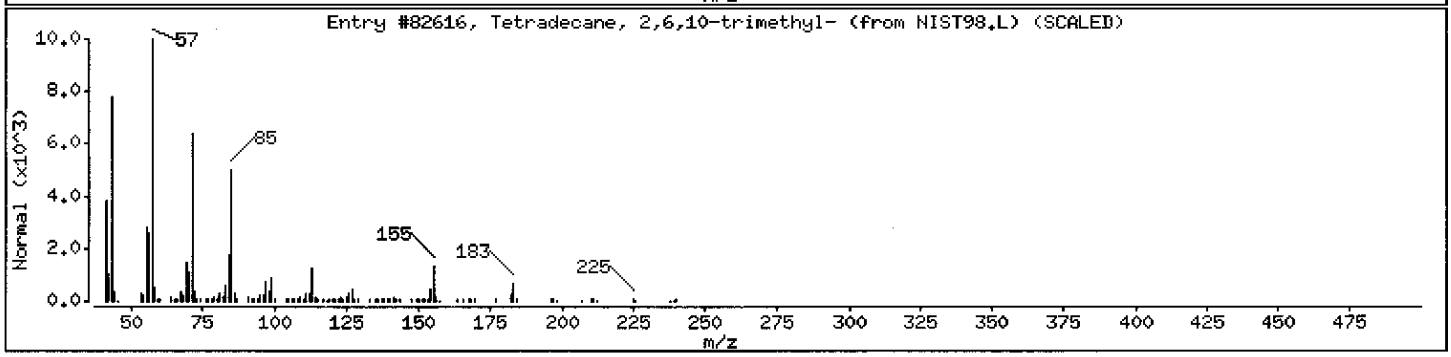
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
4.alpha.,5.beta.-Epoxy-9.alpha.-hydroxyg	101910-57-0	NIST98.L	150887	95	C20H2607	378
Octadecane, 2-methyl-	1560-88-9	NIST98.L	99485	68	C19H40	268
Tetradecane, 2,6,10-trimethyl-	14905-56-7	NIST98.L	82616	68	C17H36	240









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Date : 25-AUG-2005 14:12

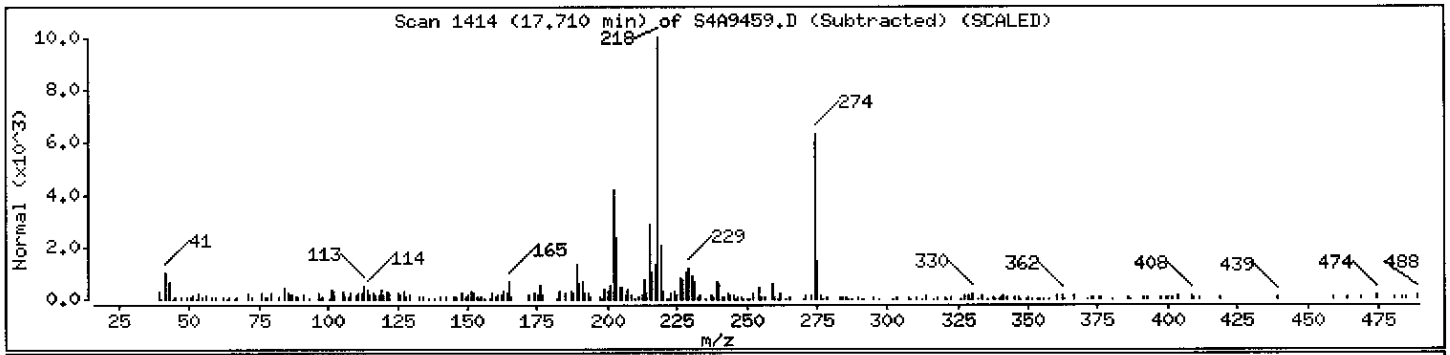
Client ID: SD12-S-0 Instrument: S4.i

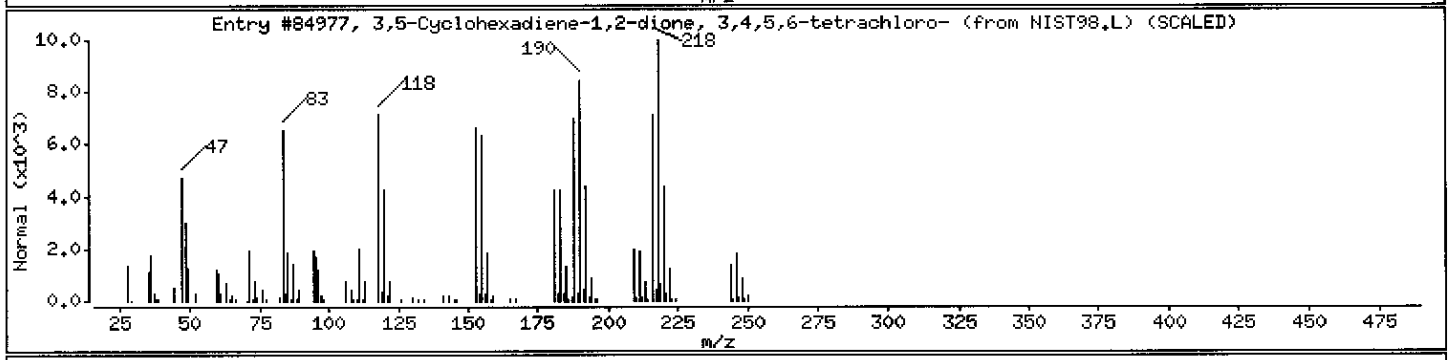
Sample Info: D0926-04A,,19468,,

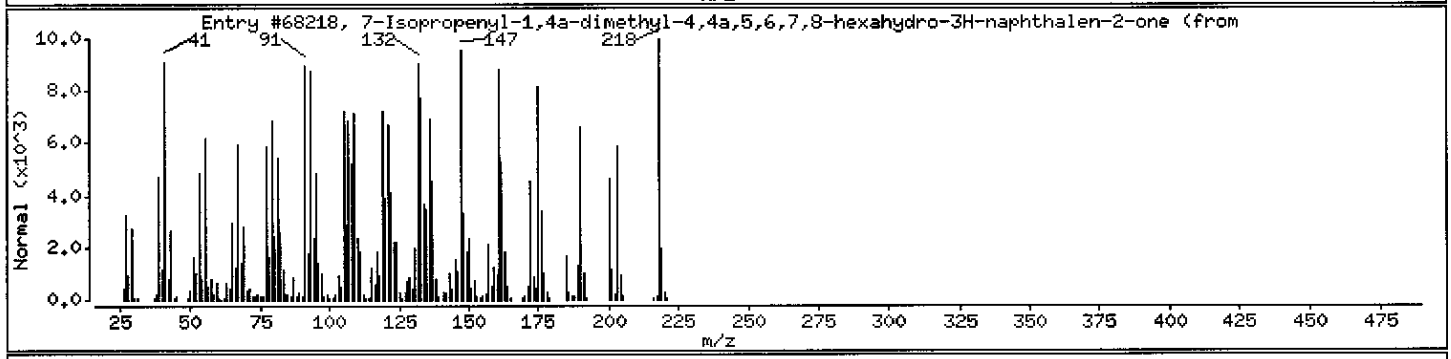
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

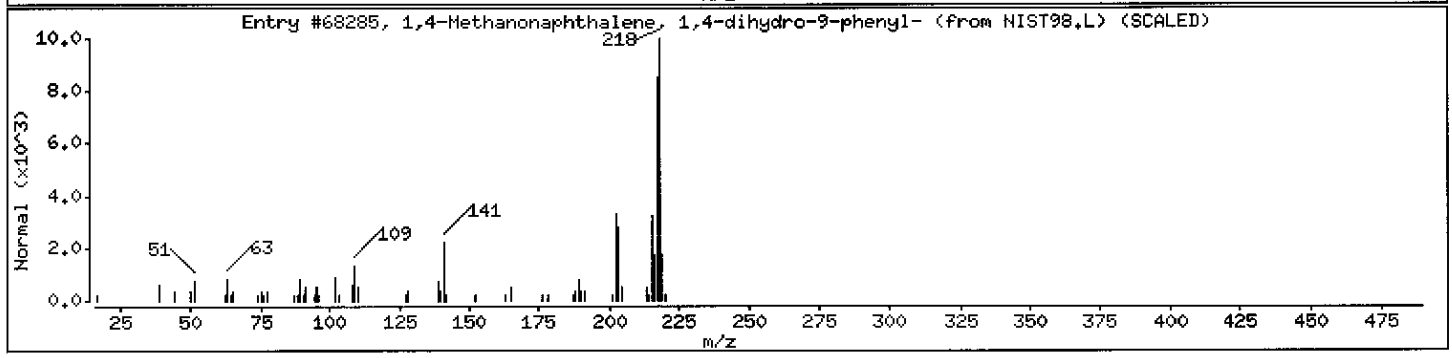
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
3,5-Cyclohexadiene-1,2-dione, 3,4,5,6-te	2435-53-2	NIST98.L	84977	90	C6C1402	244
7-Isopropenyl-1,4a-dimethyl-4,4a,5,6,7,8	473-08-5	NIST98.L	68218	60	C15H220	218
1,4-Methanonaphthalene, 1,4-dihydro-9-ph	55028-73-4	NIST98.L	68285	49	C17H14	218









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Date : 25-AUG-2005 14:12

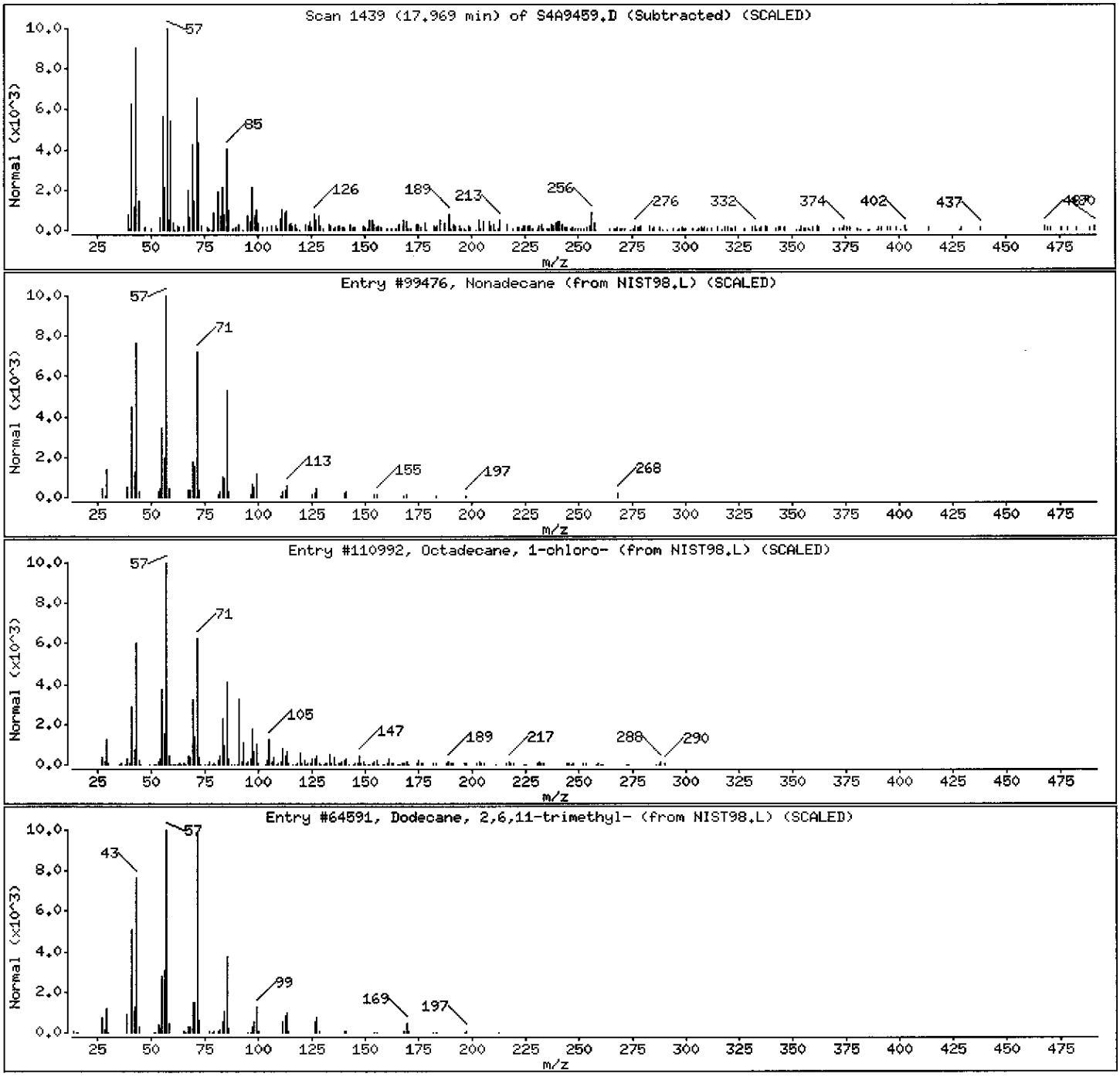
Client ID: SD12-S-0 Instrument: S4.i

Sample Info: D0926-04A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Nonadecane	629-92-5	NIST98.L	99476	89	C19H40	268
Octadecane, 1-chloro-	3386-33-2	NIST98.L	110992	64	C18H37Cl	288
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST98.L	64591	60	C15H32	212



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Date : 25-AUG-2005 14:12

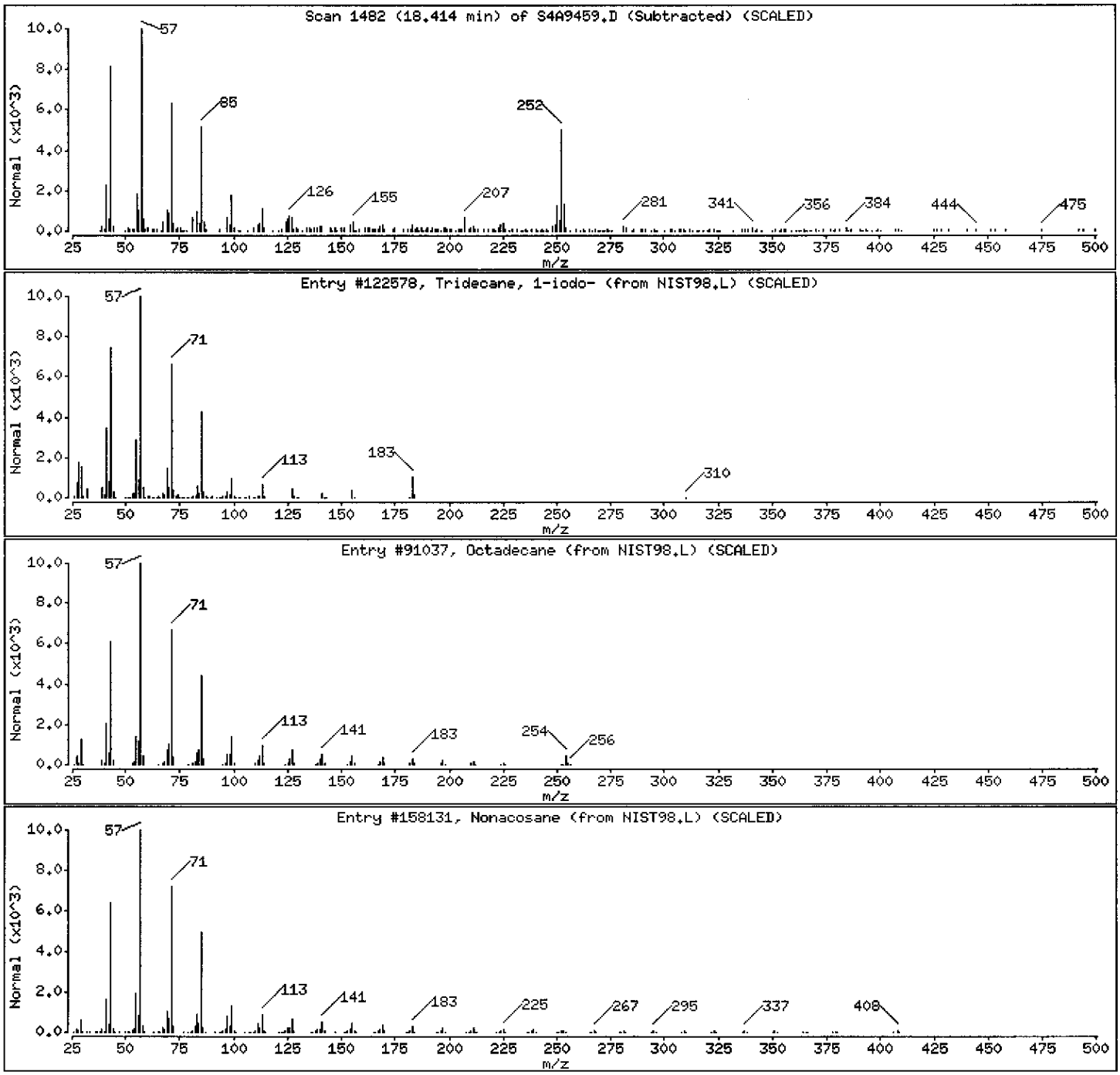
Client ID: SD12-S-0 Instrument: S4.i

Sample Info: D0926-04A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Tridecane, 1-iodo-	35599-77-0	NIST98.L	122578	90	C13H27I	310
Octadecane	593-45-3	NIST98.L	91037	78	C18H38	254
Nonacosane	630-03-5	NIST98.L	158131	66	C29H60	408



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Date : 25-AUG-2005 14:12

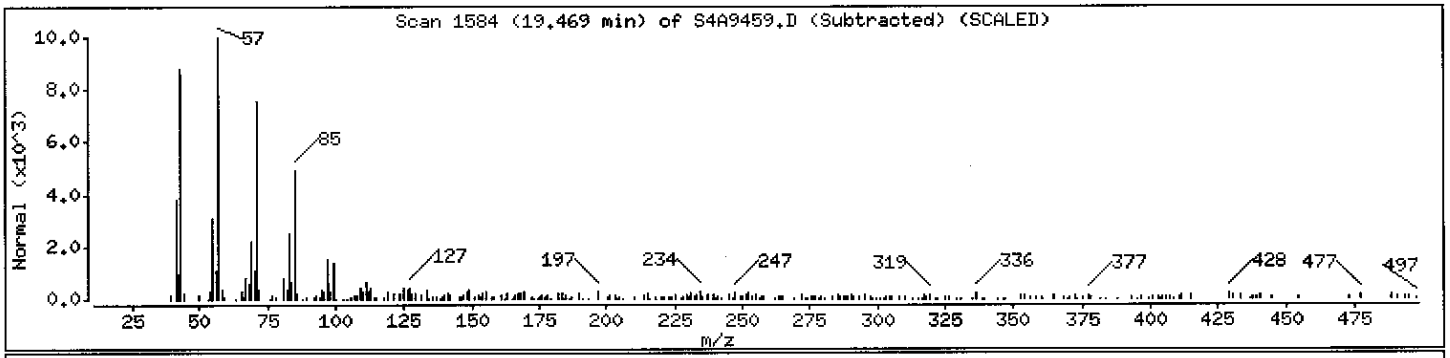
Client ID: SD12-S-0 Instrument: S4.i

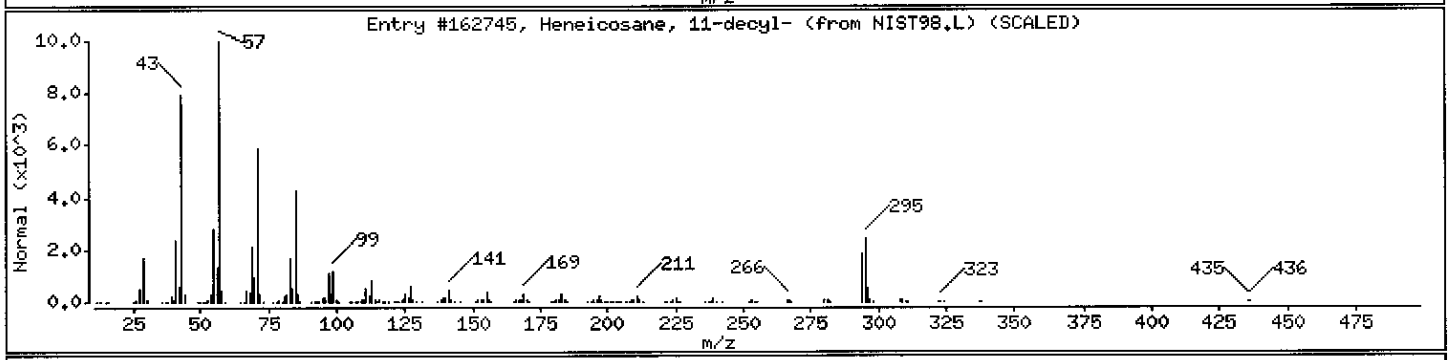
Sample Info: D0926-04A,,19468,,

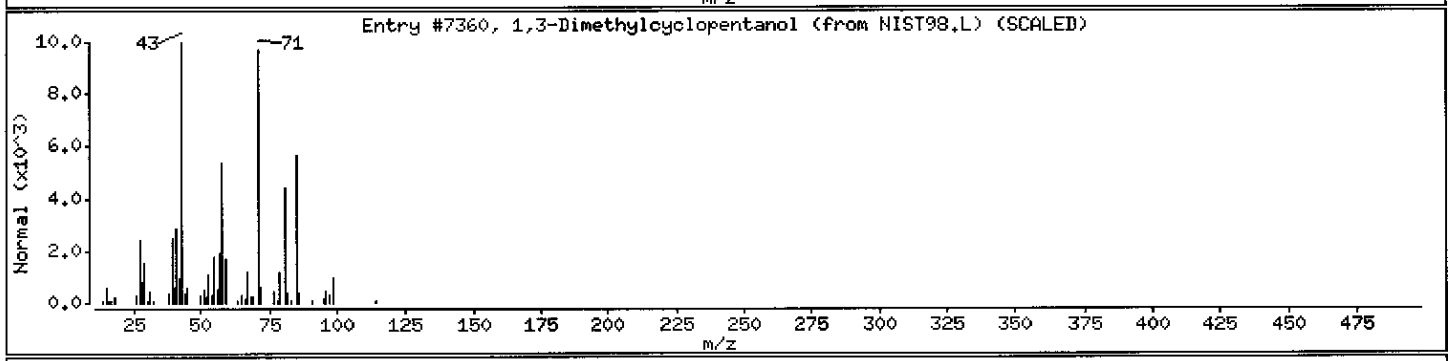
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

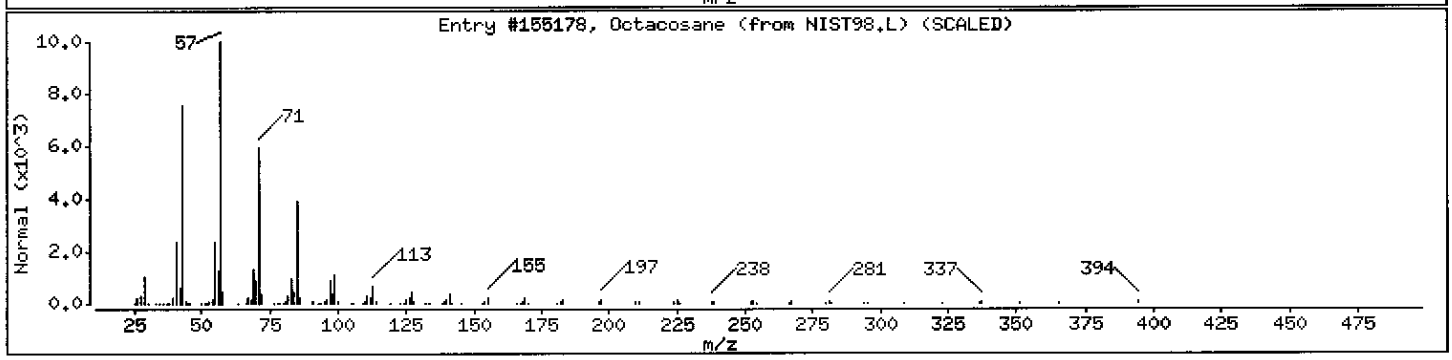
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Heneicosane, 11-decyl-	55320-06-4	NIST98.L	162745	91	C31H64	437
1,3-Dimethylcyclopentanol	19550-46-0	NIST98.L	7360	80	C7H140	114
Octacosane	630-02-4	NIST98.L	155178	80	C28H58	394









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Date : 25-AUG-2005 14:12

Client ID: SD12-S-O

Instrument: S4.i

Sample Info: D0926-04A,,19468,,

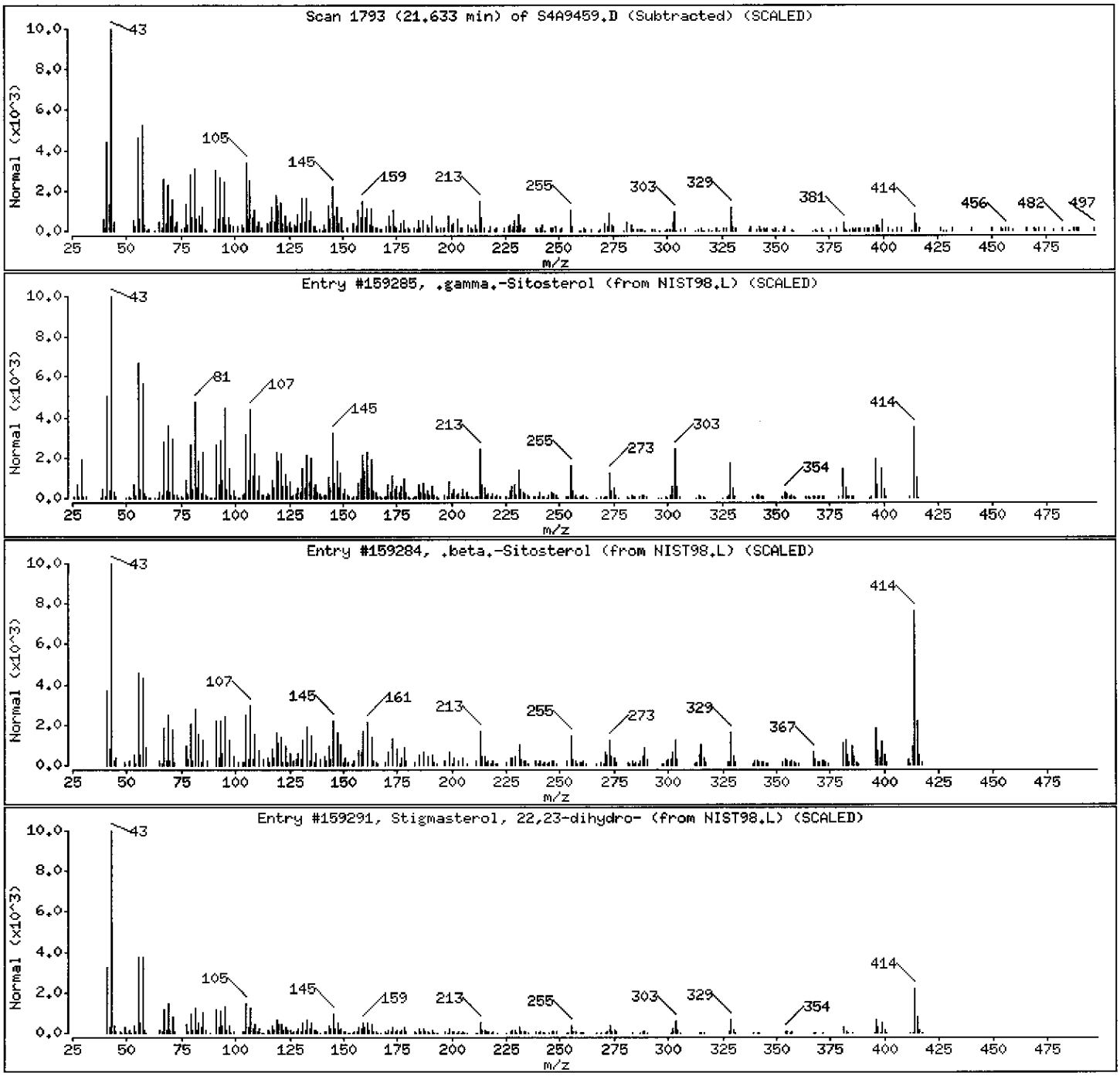
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.gamma.-Sitosterol	83-47-6	NIST98.L	159285	93	C29H500	414
.beta.-Sitosterol	83-46-5	NIST98.L	159284	86	C29H500	414
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST98.L	159291	81	C29H500	414



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Date : 25-AUG-2005 14:12

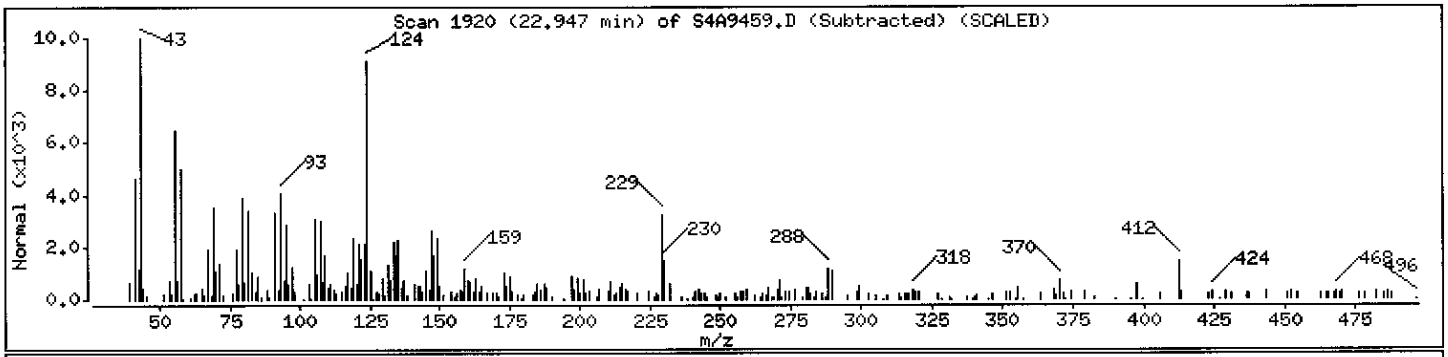
Client ID: SD12-S-0 Instrument: S4.i

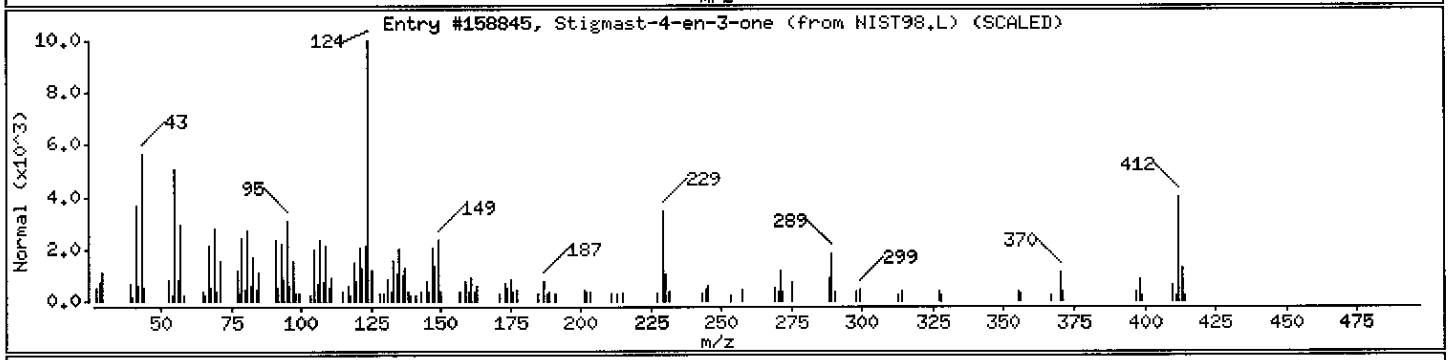
Sample Info: D0926-04A,,19468,,

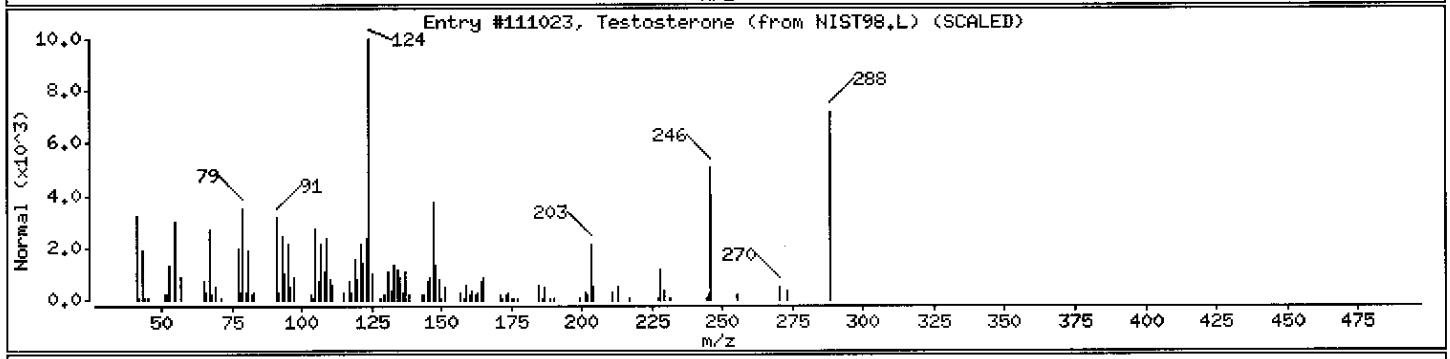
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Stigmast-4-en-3-one	1058-61-3	NIST98.L	158845	90	C29H480	412
Testosterone	58-22-0	NIST98.L	111023	55	C19H2802	288







Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9459.D

Date : 25-AUG-2005 14:12

Client ID: SD12-S-O

Instrument: S4.i

Sample Info: D0926-04A,,19468,,

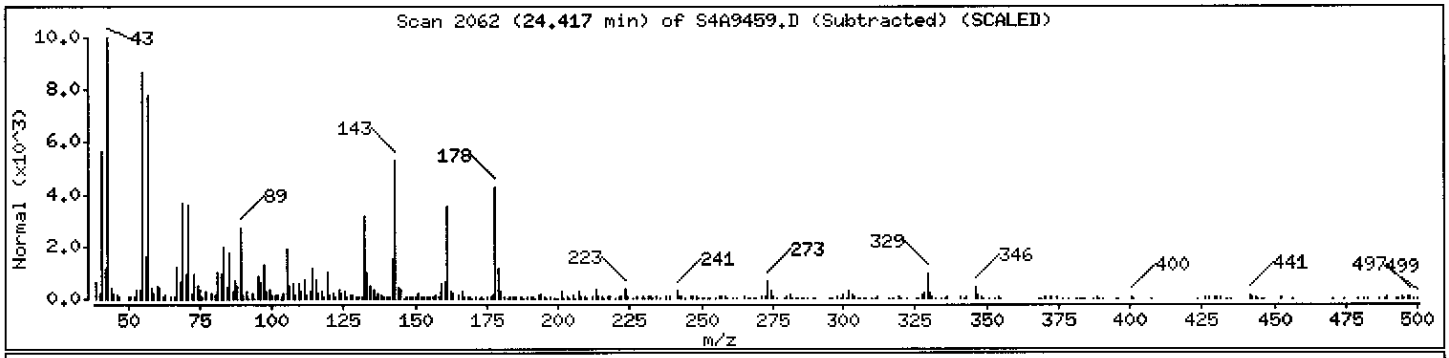
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS02-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-15A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9453

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 10 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	370	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
98-86-2	Acetophenone	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
91-20-3	Naphthalene	110	J
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
105-60-2	Caprolactam	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	920	U
92-52-4	1,1'-Biphenyl	370	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	920	U
131-11-3	Dimethylphthalate	370	U
606-20-2	2,6-Dinitrotoluene	370	U
208-96-8	Acenaphthylene	370	U
99-09-2	3-Nitroaniline	920	U
83-32-9	Acenaphthene	370	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS02-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-15A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9453

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 10 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	920	U
100-02-7	4-Nitrophenol	920	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
86-73-7	Fluorene	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
100-01-6	4-Nitroaniline	920	U
534-52-1	4,6-Dinitro-2-methylphenol	920	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
1912-24-9	Atrazine	370	U
87-86-5	Pentachlorophenol	920	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
86-74-8	Carbazole	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)phthalate	72	JB
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenzo(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SS02-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-15A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9453

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 10 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

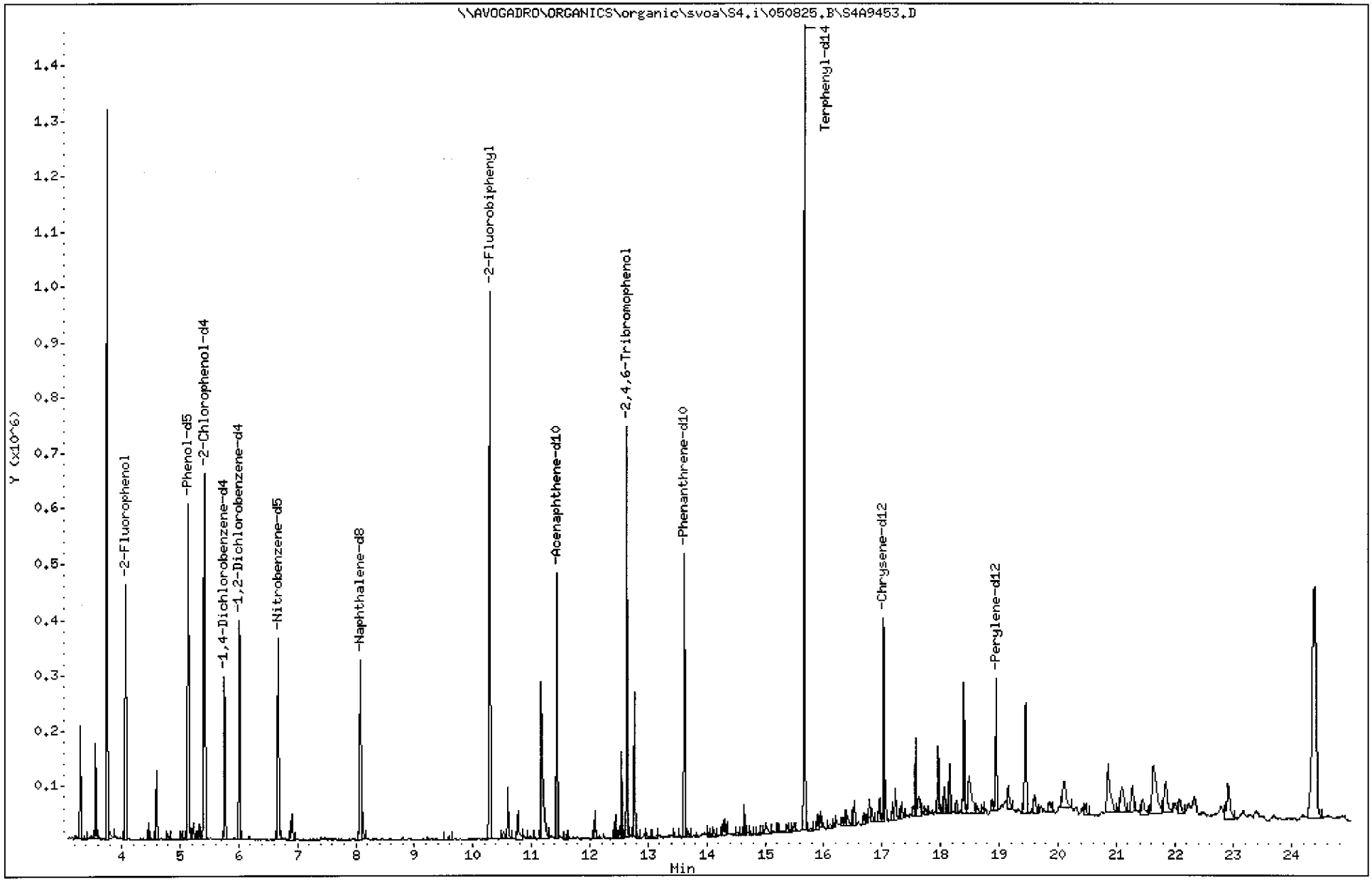
GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

Number TICs found: 25

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	78-40-0	TRIETHYL PHOSPHATE	6.90	110	NJ
2.		UNKNOWN	10.60	200	J
3.		UNKNOWN	10.78	150	J
4.	74381-40-1	PROPANOIC ACID, 2-METHYL-, 1	12.09	79	NJ
5.		UNKNOWN	12.55	200	J
6.		UNKNOWN	15.01	76	J
7.		UNKNOWN	16.52	93	J
8.		UNKNOWN	16.82	81	J
9.		UNKNOWN	17.23	120	J
10.		UNKNOWN	17.96	230	J
11.		UNKNOWN	18.06	130	J
12.	56554-87-1	16-OCTADECENAL	18.16	210	NJ
13.	7206-21-5	5-OCTADECENE, (E)-	18.48	540	NJ
14.		UNKNOWN	19.16	180	J
15.		UNKNOWN	19.61	150	J
16.		UNKNOWN	19.87	87	J
17.		UNKNOWN	20.48	90	J
18.		UNKNOWN	21.10	310	J
19.		UNKNOWN	21.28	220	J
20.		UNKNOWN	21.45	190	J
21.	83-46-5	.BETA.-SITOSTEROL	21.63	900	NJ
22.		UNKNOWN	21.84	370	J
23.		UNKNOWN	22.09	150	J
24.	1058-61-3	STIGMAST-4-EN-3-ONE	22.91	450	NJ
25.		UNKNOWN	24.39	3300	JB
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9453.D
Date : 25-AUG-2005 10:57
Client ID: SS02-S-0
Instrument: S4.i
Sample Info: D0926-15A,,19468,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9453.D
Report Date: 31-Aug-2005 14:42

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9453.D
Lab Smp Id: D0926-15A Client Smp ID: SS02-S-O
Inj Date : 25-AUG-2005 10:57
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-15A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D ✓
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	10.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	4.069	4.048	(0.707)	139026	101.959	1900
$	3 Phenol-d5	99	5.145	5.135	(0.894)	228386	112.031	2100
$	6 2-Chlorophenol-d4	132	5.414	5.414	(0.941)	178861	105.905	2000
*	8 1,4-Dichlorobenzene-d4	152	5.755	5.755	(1.000)	51716	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	6.004	6.004	(1.043)	72712	59.3150	1100
$	16 Nitrobenzene-d5	82	6.677	6.677	(0.827)	171235	67.8773	1300
*	23 Naphthalene-d8	136	8.074	8.074	(1.000)	214294	40.0000	
	24 Naphthalene	128	8.126	8.115	(1.006)	32936	6.09745	110(a)
$	33 2-Fluorobiphenyl	172	10.289	10.289	(0.900)	364525	87.0908	1600
*	41 Acenaphthene-d10	164	11.438	11.438	(1.000)	117540	40.0000	
$	53 2,4,6-Tribromophenol	330	12.638	12.628	(0.929)	82088	162.243	3000(A)
*	58 Phenanthrene-d10	188	13.611	13.611	(1.000)	192741	40.0000	
$	65 Terphenyl-d14	244	15.681	15.671	(0.920)	437095	112.628	2100

Data File: S4A9453.D
Report Date: 31-Aug-2005 14:42

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
* 69 Chrysene-d12	240	17.037	17.027	(1.000)	151170	40.0000	
71 bis(2-Ethylhexyl)phthalate	149	16.965	16.954	(0.996)	14677	3.87731	72(a)
* 76 Perylene-d12	264	18.952	18.942	(1.000)	119410	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.

08/31/05

Data File: S4A9453.D
Report Date: 31-Aug-2005 14:42

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9453.D
Lab Smp Id: D0926-15A Client Smp ID: SS02-S-O
Inj Date : 25-AUG-2005 10:57
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-15A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	10.000	% Moisture

ISTD		RT	AREA	AMOUNT
* 8	1,4-Dichlorobenzene-d4	5.756	413945	40.000
* 41	Acenaphthene-d10	11.438	564271	40.000
* 58	Phenanthrene-d10	13.611	575786	40.000
* 69	Chrysene-d12	17.037	527132	40.000
* 76	Perylene-d12	18.952	401715	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9453.D
Report Date: 31-Aug-2005 14:42

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Triethyl phosphate					CAS #: 78-40-0		
6.904	61998	5.99094083	110	96	NIST98.L	44293	8
Unknown					CAS #:		
10.599	151840	10.7636224	200	0		0	41
Unknown					CAS #:		
10.775	114626	8.12559922	150	0		0	41
Cyclic Alkane					CAS #:		
11.169	668281	47.3730530	880	0		0	41
Propanoic acid, 2-methyl-, 1-(1,1-dimeth					CAS #: 74381-40-1		
12.090	60235	4.26993413	79	90	NIST98.L	109845	41
Unknown					CAS #:		
12.545	151976	10.5578114	200	0		0	58
Cyclic Alkane					CAS #:		
12.763	256256	17.8021696	330	0		0	58
Unknown					CAS #:		
15.009	59379	4.12507425	76	0		0	58
Unknown					CAS #:		
16.520	65998	5.00808147	93	0		0	69
Unknown					CAS #:		
16.820	57610	4.37158055	81	0		0	69
Unknown					CAS #:		
17.234	83480	6.33465622	120	0		0	69
Straight-Chain Alkane					CAS #:		
17.565	153047	11.6135617	220	0		0	69
Cyclic Alkane					CAS #:		
17.617	105906	8.03639316	150	0		0	69
Unknown					CAS #:		
17.958	162238	12.3109961	230	0		0	69
Unknown					CAS #:		
18.062	72763	7.24523605	130	0		0	76

Data File: S4A9453.D
Report Date: 31-Aug-2005 14:42

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
16-Octadecenal					CAS #: 56554-87-1		
18.155	115476	11.4983010	210	87	NIST98.L	98127	76
Straight-Chain Alkane					CAS #:		
18.404	340026	33.8574362	630	0		0	76
5-Octadecene, (E)-					CAS #: 7206-21-5		
18.476	293342	29.2089666	540	90	NIST98.L	89785	76
Unknown					CAS #:		
19.159	96642	9.62294164	180	0		0	76
Straight-Chain Alkane					CAS #:		
19.459	393750	39.2069004	730	0		0	76
Unknown					CAS #:		
19.615	83780	8.34223268	150	0		0	76
Unknown					CAS #:		
19.873	47416	4.72135718	87	0		0	76
Straight-Chain Alkane					CAS #:		
20.101	208866	20.7974310	390	0		0	76
Unknown					CAS #:		
20.484	49037	4.88276514	90	0		0	76
Straight-Chain Alkane					CAS #:		
20.867	351059	34.9560260	650	0		0	76
Unknown					CAS #:		
21.105	166637	16.5925594	310	0		0	76
Unknown					CAS #:		
21.281	117301	11.6800219	220	0		0	76
Unknown					CAS #:		
21.447	105479	10.5028689	190	0		0	76
.beta.-Sitosterol					CAS #: 83-46-5		
21.633	488401	48.6315920	900	90	NIST98.L	159282	76
Unknown					CAS #:		
21.840	200419	19.9563372	370	0		0	76

Data File: S4A9453.D
Report Date: 31-Aug-2005 14:42

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
22.088	83086	8.27312896	150	0		0	76
Stigmast-4-en-3-one				CAS #:	1058-61-3		
22.906	241917	24.0884209	450	95	NIST98.L	158845	76
Unknown				CAS #:			
24.386	1814783	180.703534	3300	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9453.D

Date : 25-AUG-2005 10:57

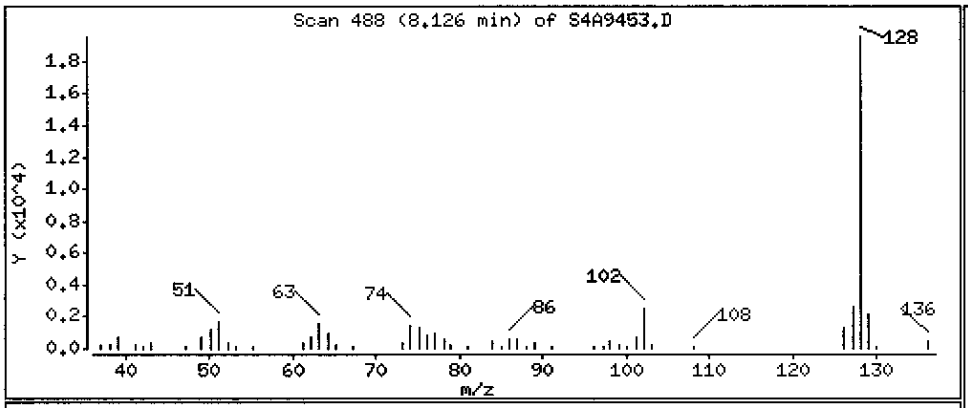
Client ID: SS02-S-0 Instrument: S4.i

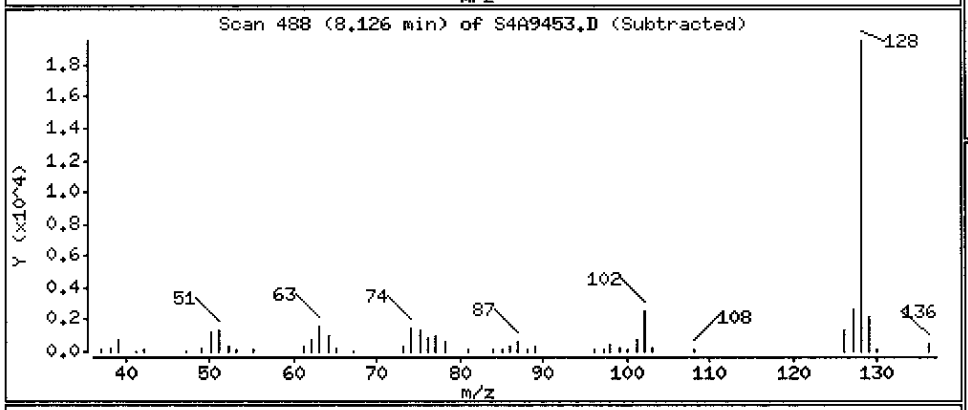
Sample Info: D0926-15A,,19468,,

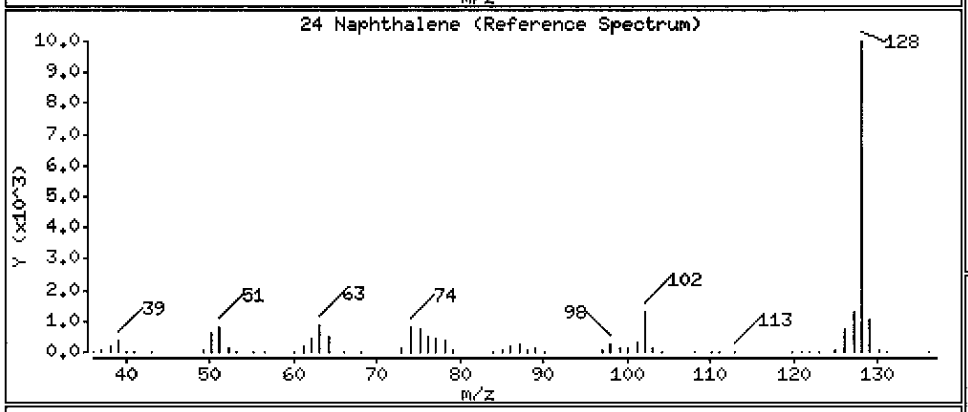
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

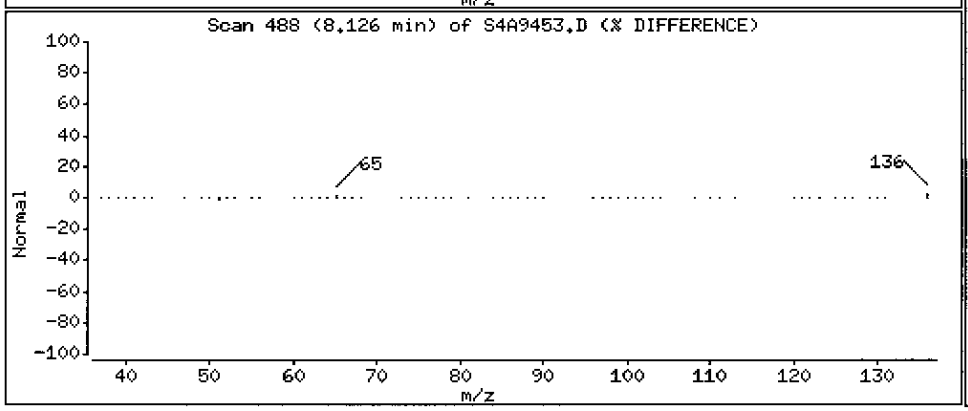
Column phase: DB-5MS Column diameter: 0.25

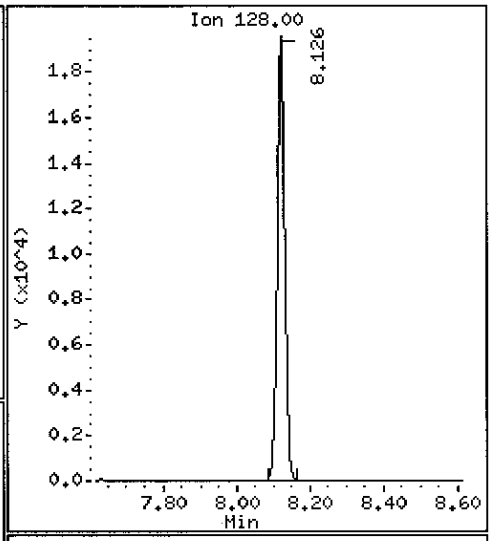
24 Naphthalene Concentration: 110 ug/Kg

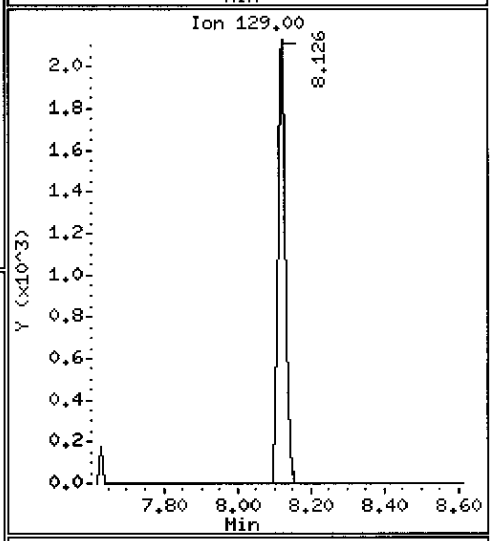


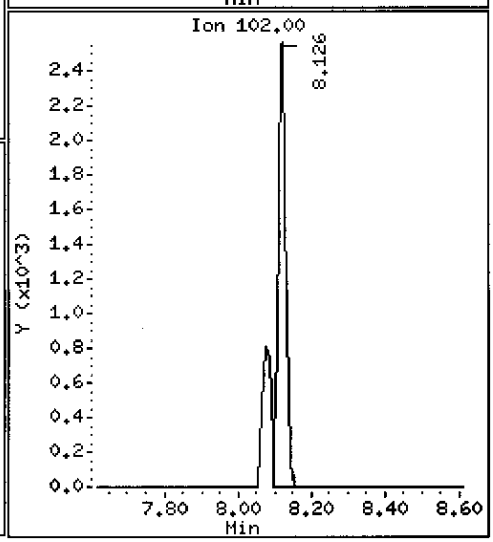












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9453.D

Date : 25-AUG-2005 10:57

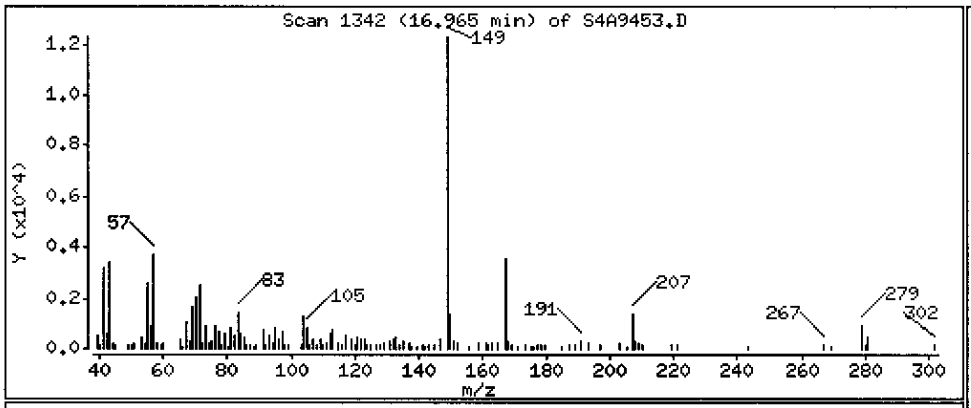
Client ID: SS02-S-0 Instrument: S4.i

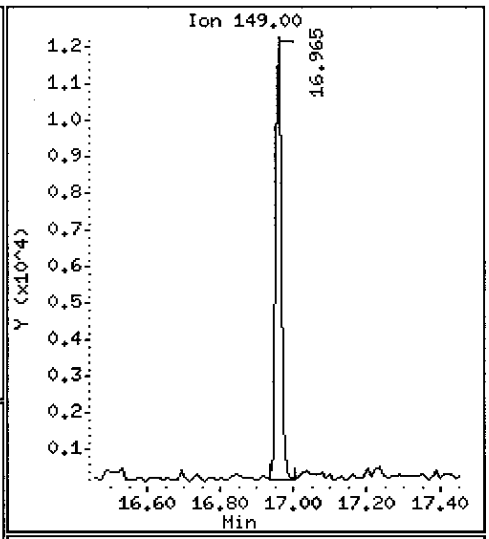
Sample Info: D0926-15A,,19468,,

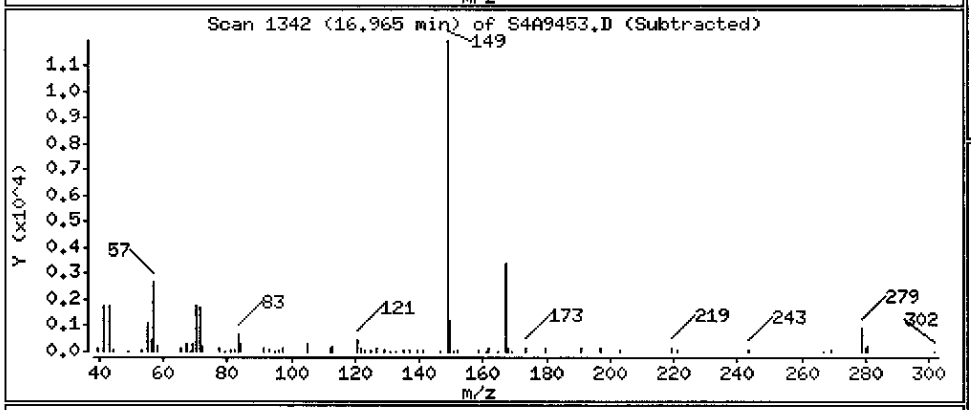
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

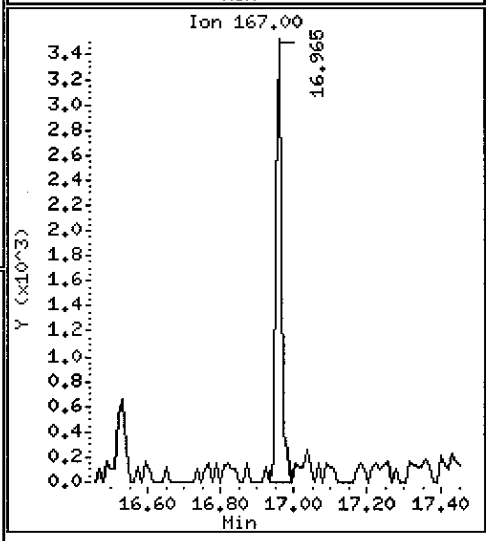
Column phase: DB-5MS Column diameter: 0.25

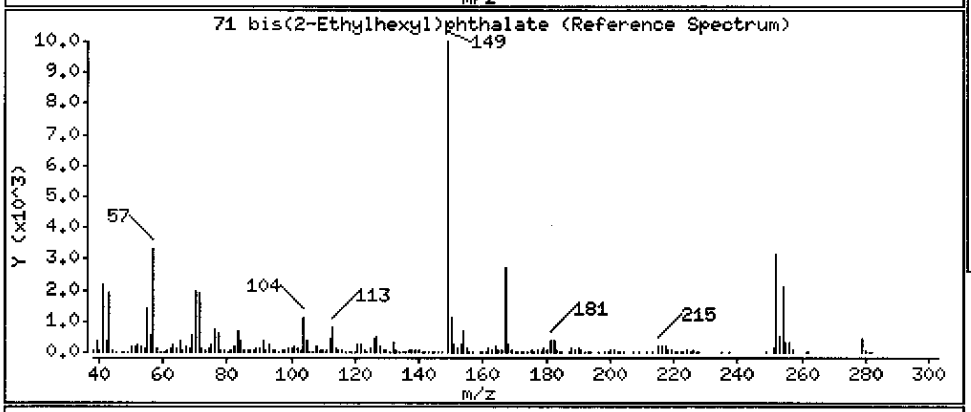
71 bis(2-Ethylhexyl)phthalate Concentration: 72 ug/Kg

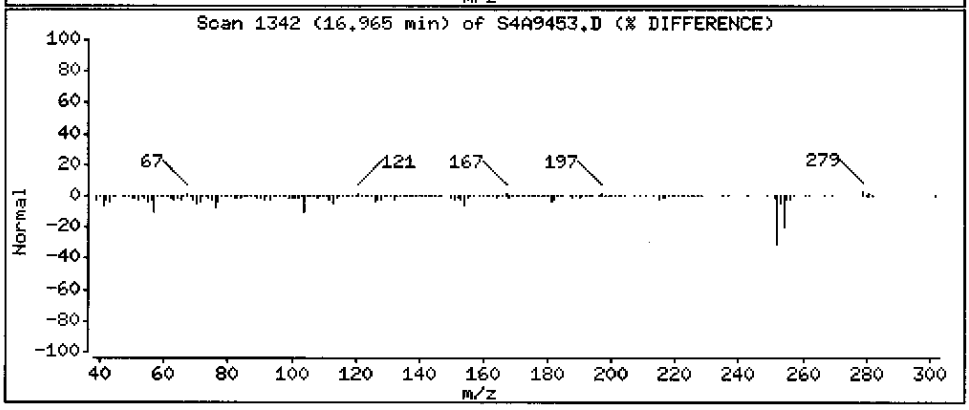












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Date : 25-AUG-2005 10:57

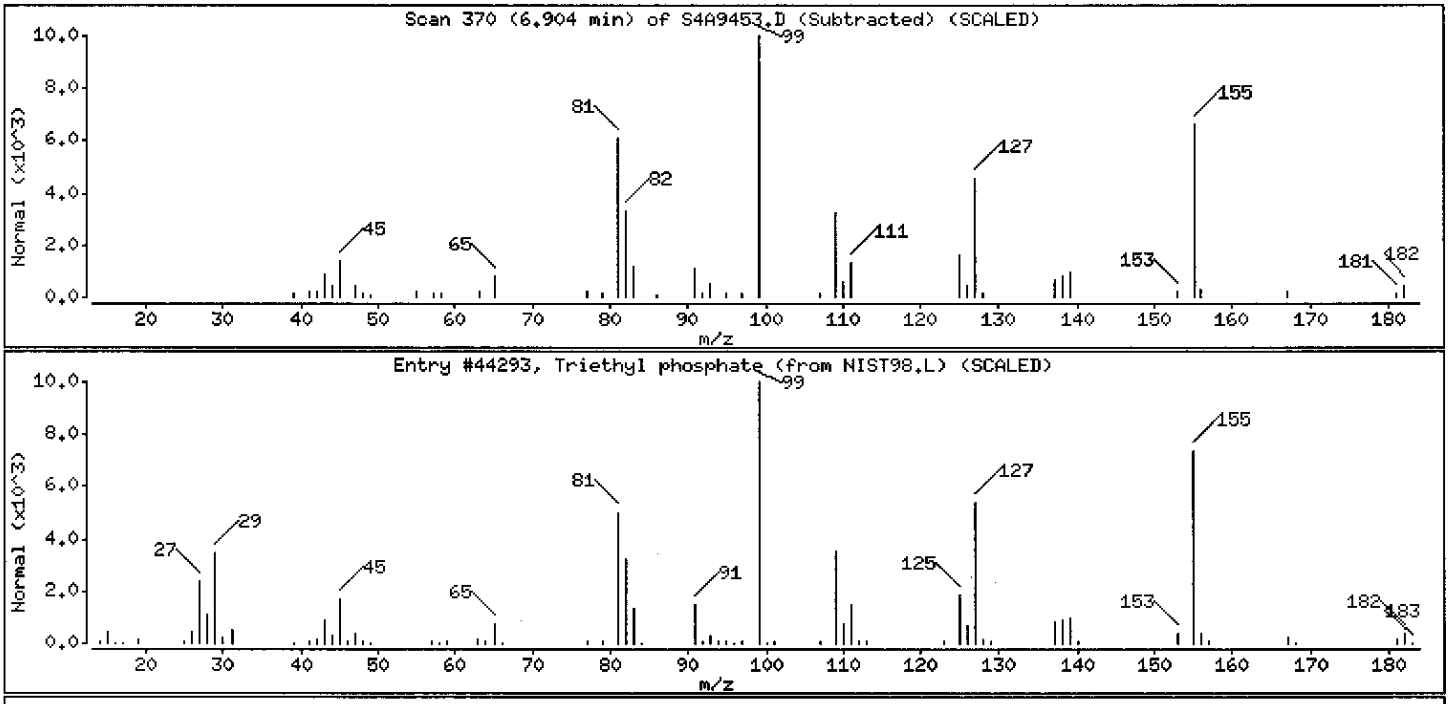
Client ID: SS02-S-0 Instrument: S4.i

Sample Info: D0926-15A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Triethyl phosphate	78-40-0	NIST98.L	44293	96	C6H15O4P	182



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Date : 25-AUG-2005 10:57

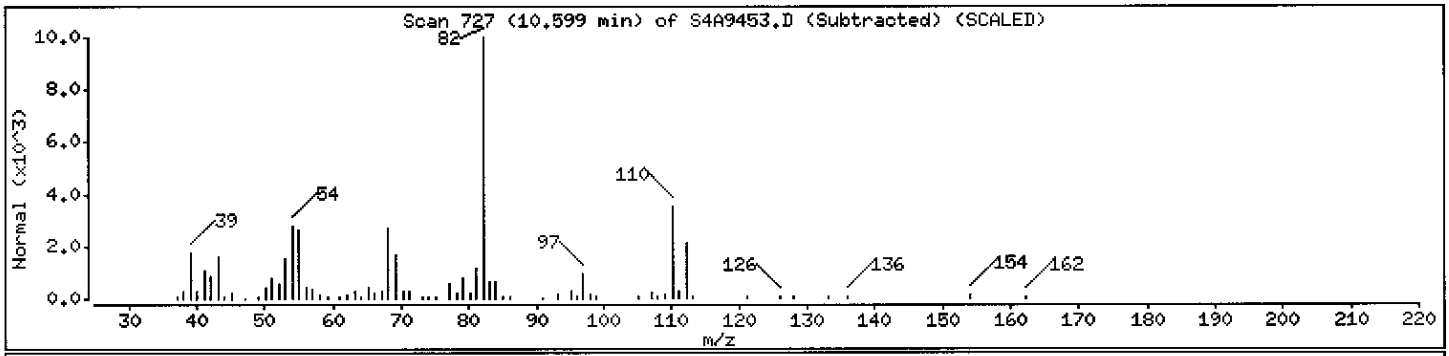
Client ID: SS02-S-0 Instrument: S4.i

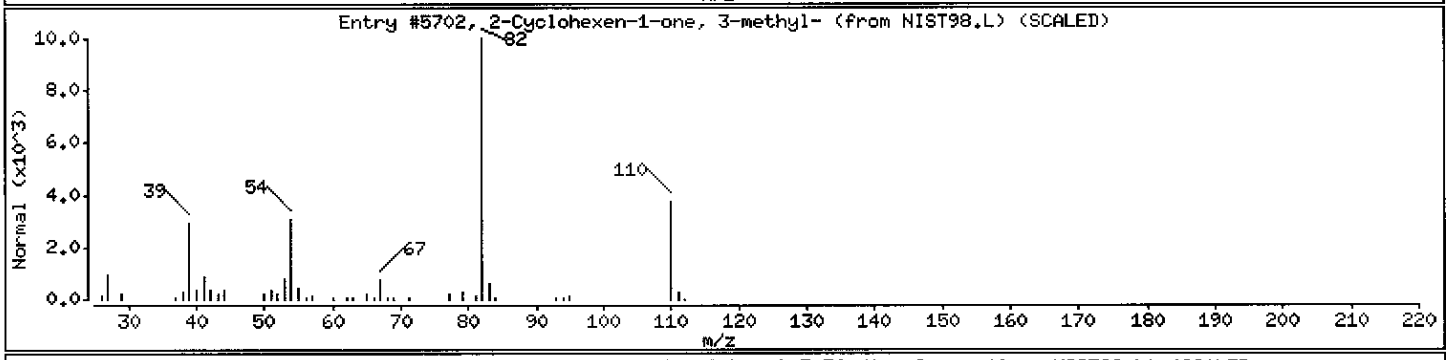
Sample Info: D0926-15A,,19468,,

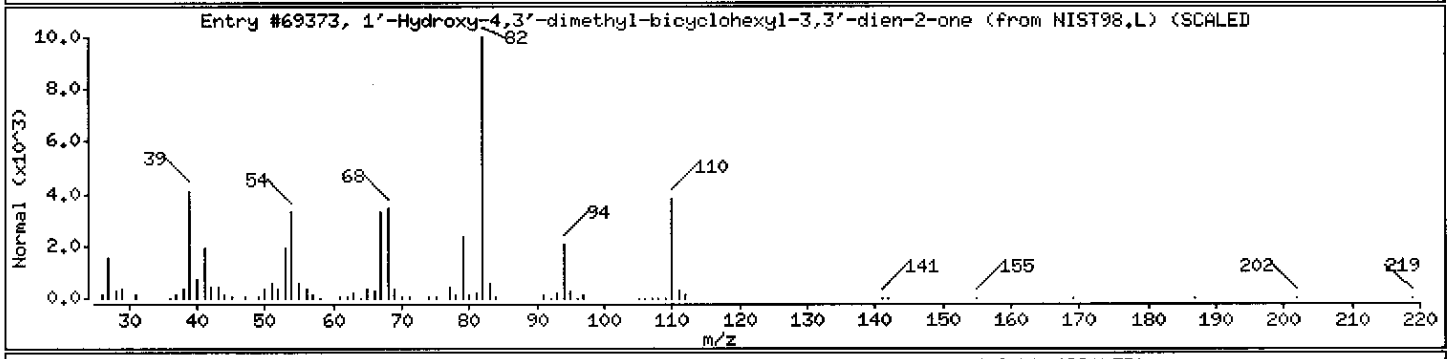
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

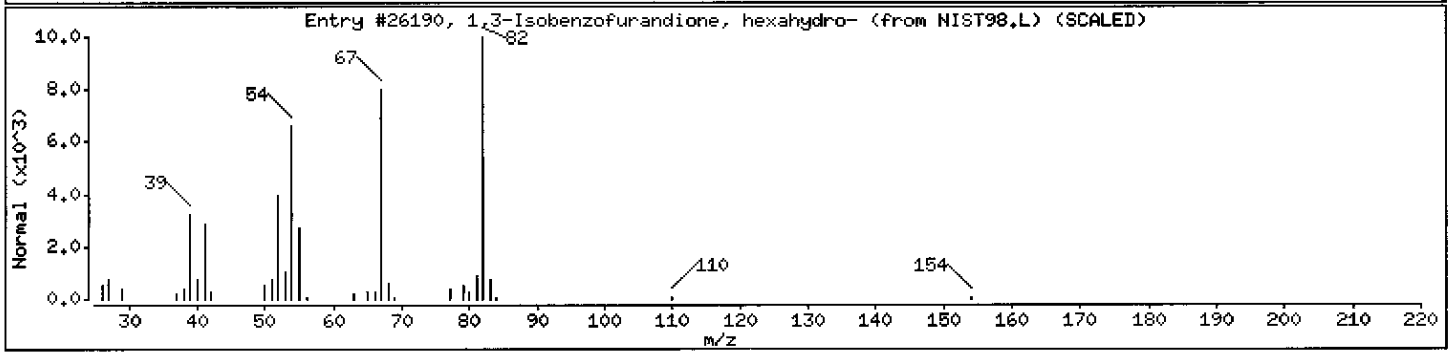
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Cyclohexen-1-one, 3-methyl-	1193-18-6	NIST98.L	5702	47	C7H10O	110
1'-Hydroxy-4,3'-dimethyl-bicyclohexyl-3,	1000189-12-5	NIST98.L	69373	45	C14H22O2	220
1,3-Isobenzofurandione, hexahydro-	85-42-7	NIST98.L	26190	43	C8H10O3	154









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9453.D

Date : 25-AUG-2005 10:57

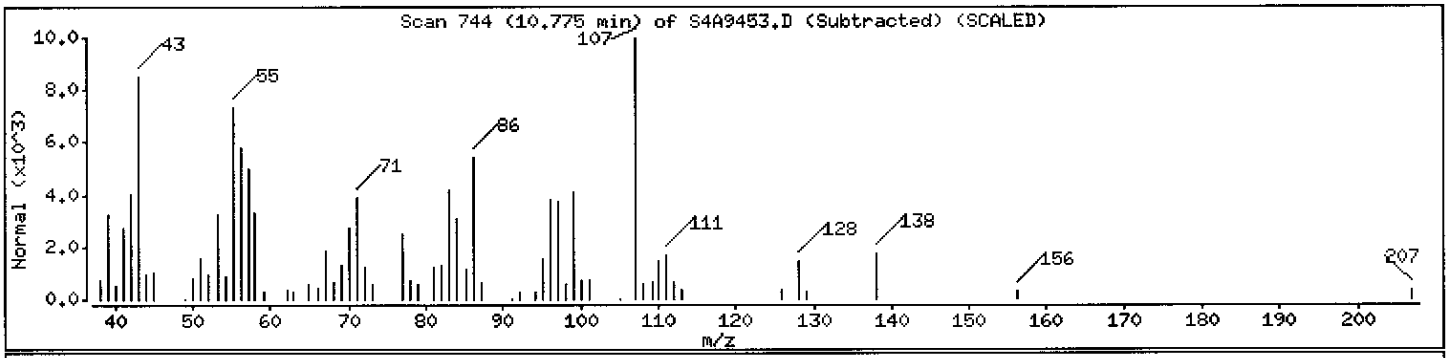
Client ID: SS02-S-0 Instrument: S4.i

Sample Info: D0926-15A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 10:57

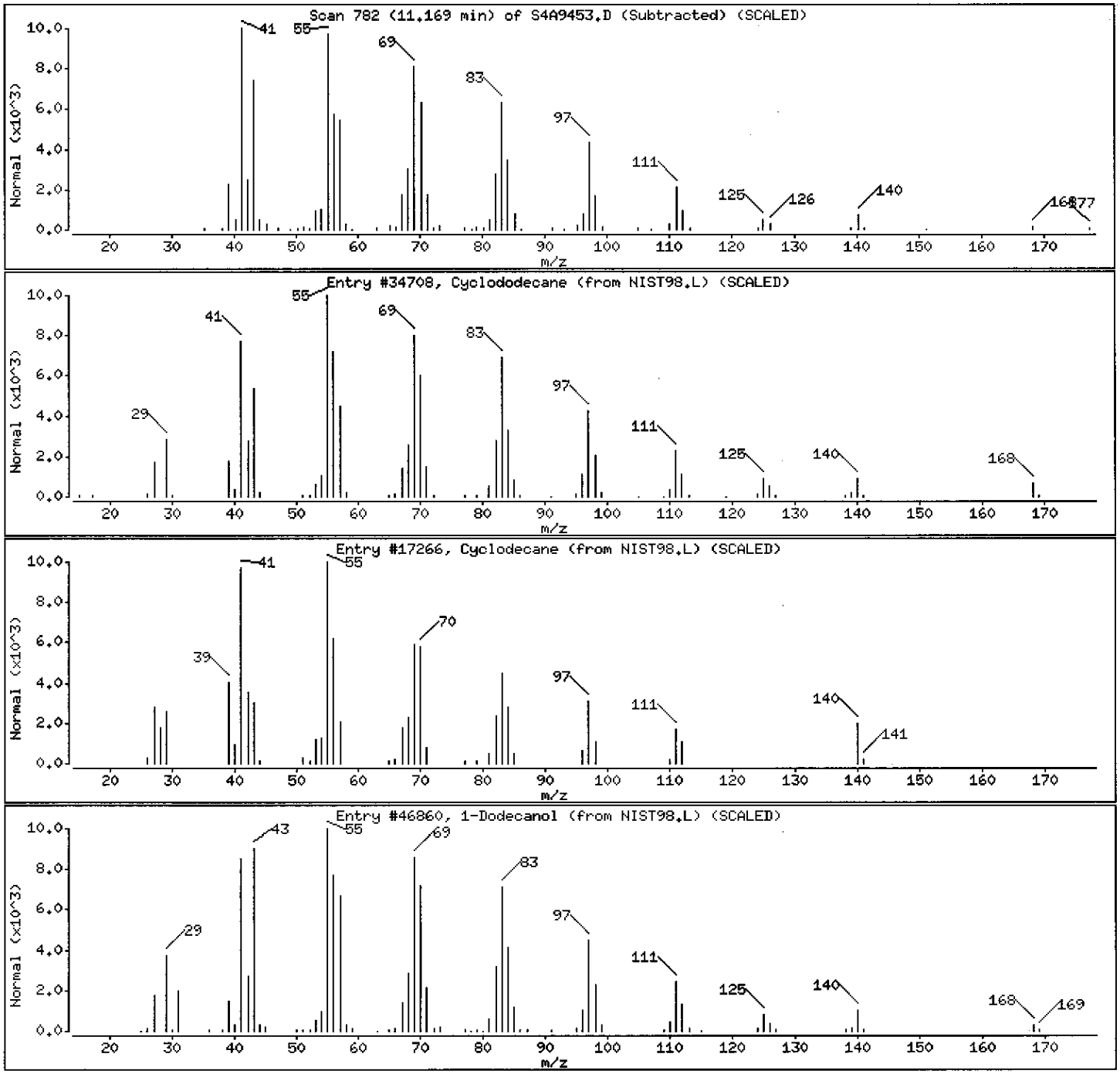
Client ID: SS02-S-0 Instrument: S4.i

Sample Info: D0926-15A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34708	97	C12H24	168
Cyclodecane	293-96-9	NIST98.L	17266	95	C10H20	140
1-Dodecanol	112-53-8	NIST98.L	46860	91	C12H26O	186



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Date : 25-AUG-2005 10:57

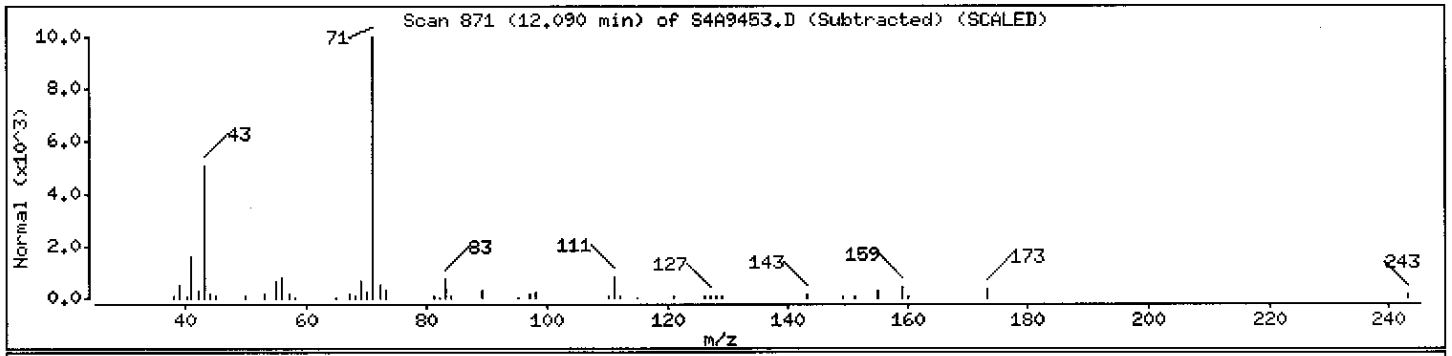
Client ID: SS02-S-0 Instrument: S4.i

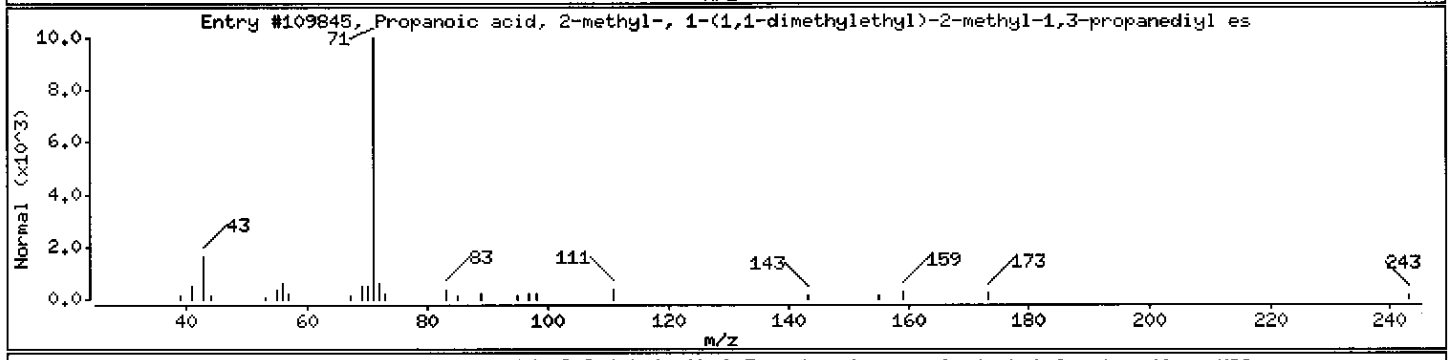
Sample Info: D0926-15A,,19468,,

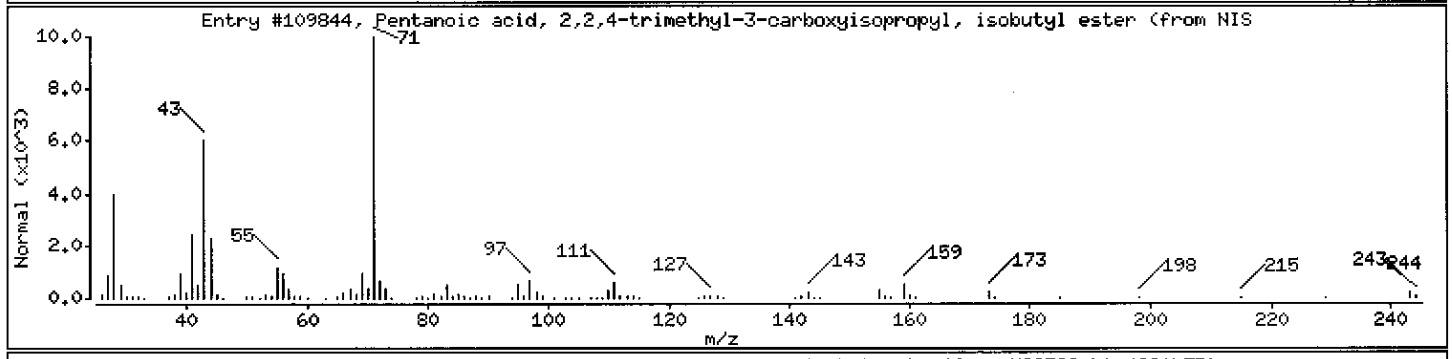
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

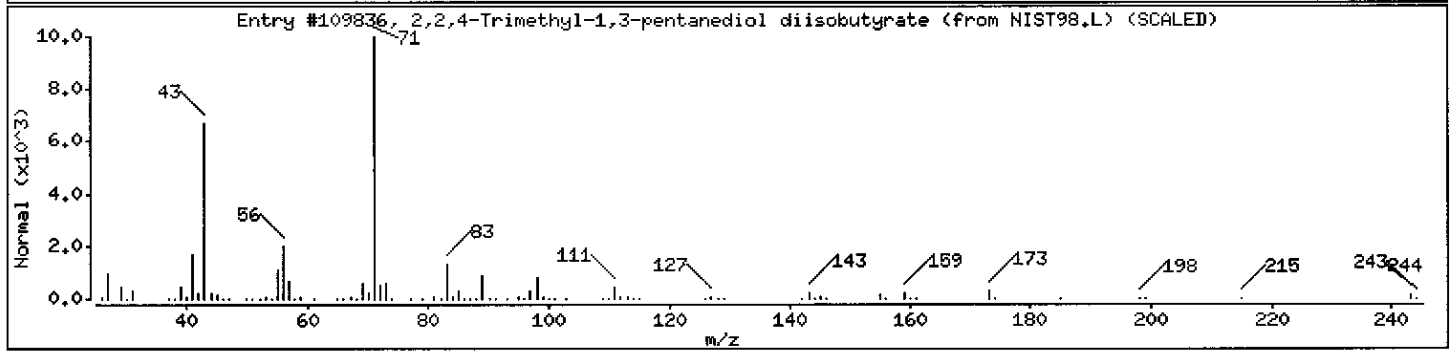
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Propanoic acid, 2-methyl-, 1-(1,1-dimeth	74381-40-1	NIST98.L	109845	90	C16H3004	286
Pentanoic acid, 2,2,4-trimethyl-3-carbox	1000140-77-5	NIST98.L	109844	74	C16H3004	286
2,2,4-Trimethyl-1,3-pentanediol diisobut	6846-50-0	NIST98.L	109836	64	C16H3004	286









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9453.D

Date : 25-AUG-2005 10:57

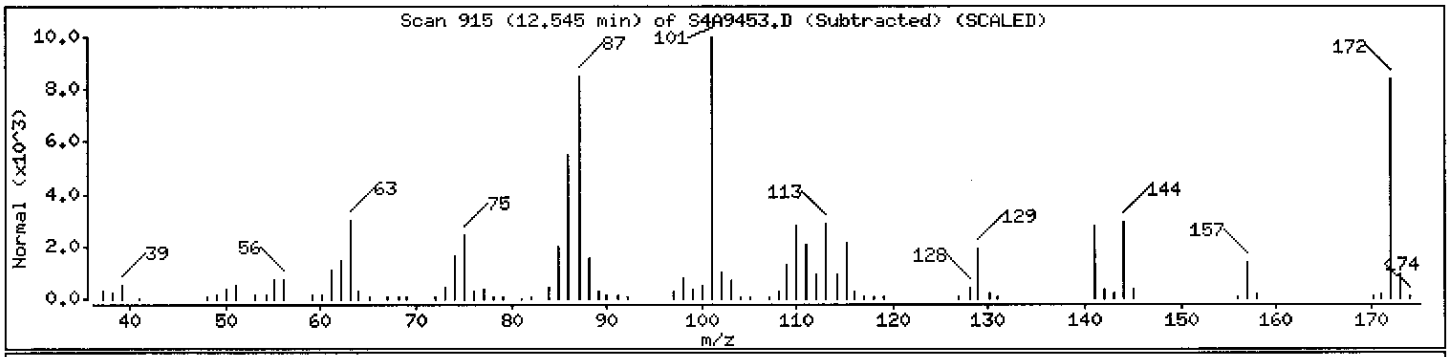
Client ID: SS02-S-0 Instrument: S4.i

Sample Info: D0926-15A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9453.D

Date : 25-AUG-2005 10:57

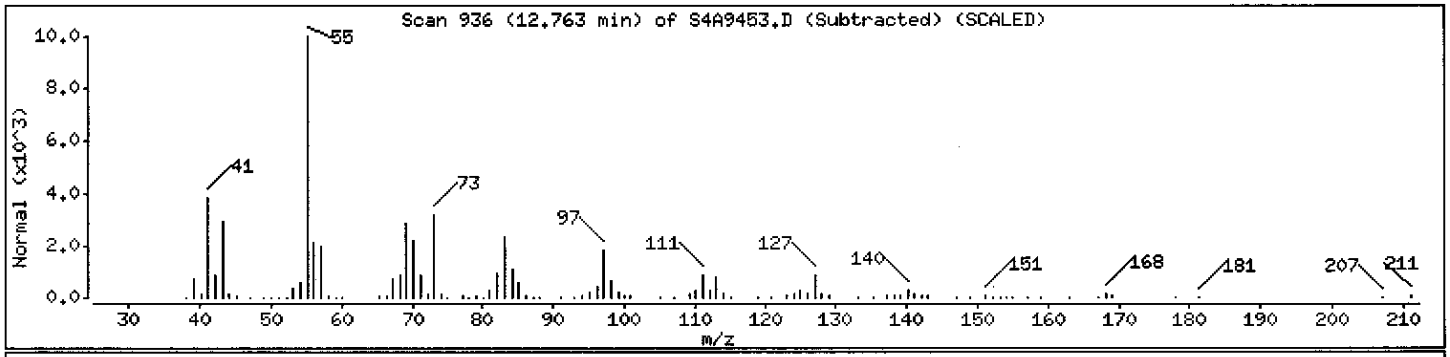
Client ID: SS02-S-0 Instrument: S4.i

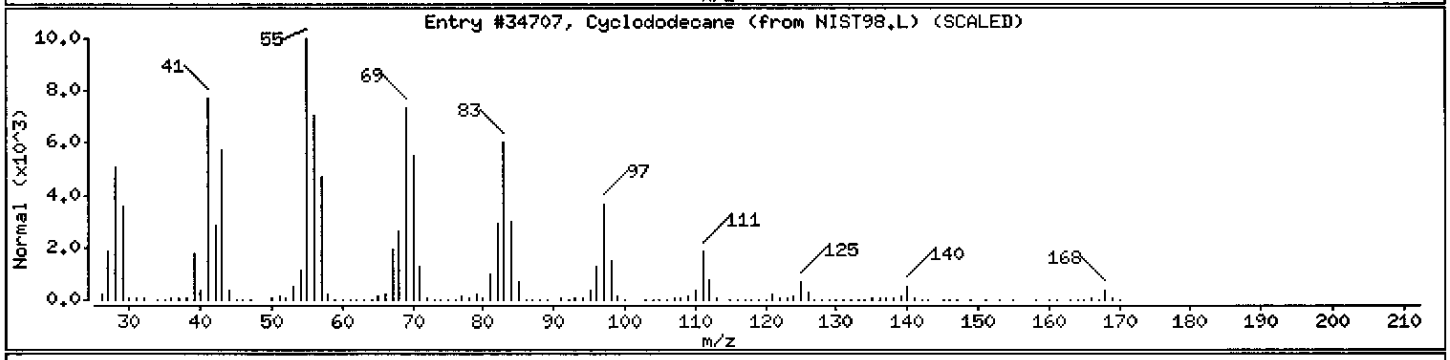
Sample Info: D0926-15A,,19468,,

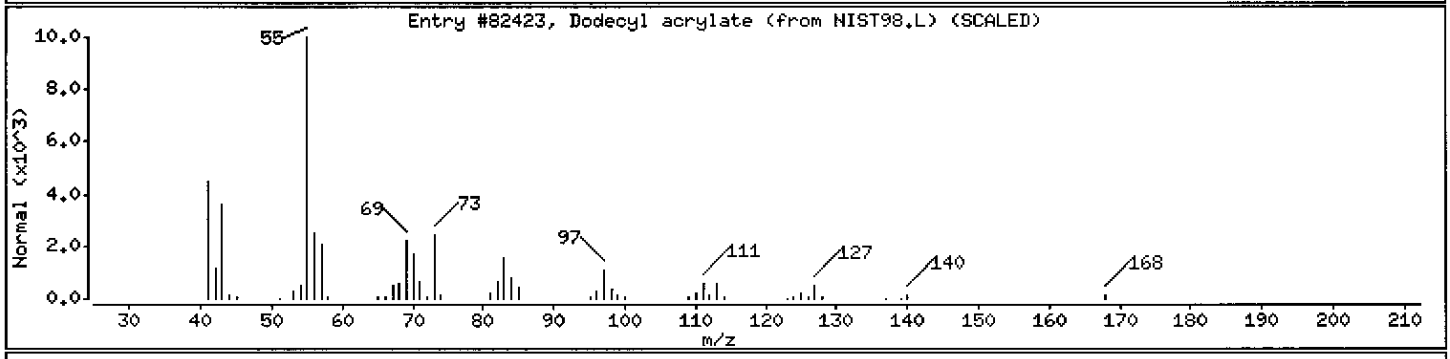
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

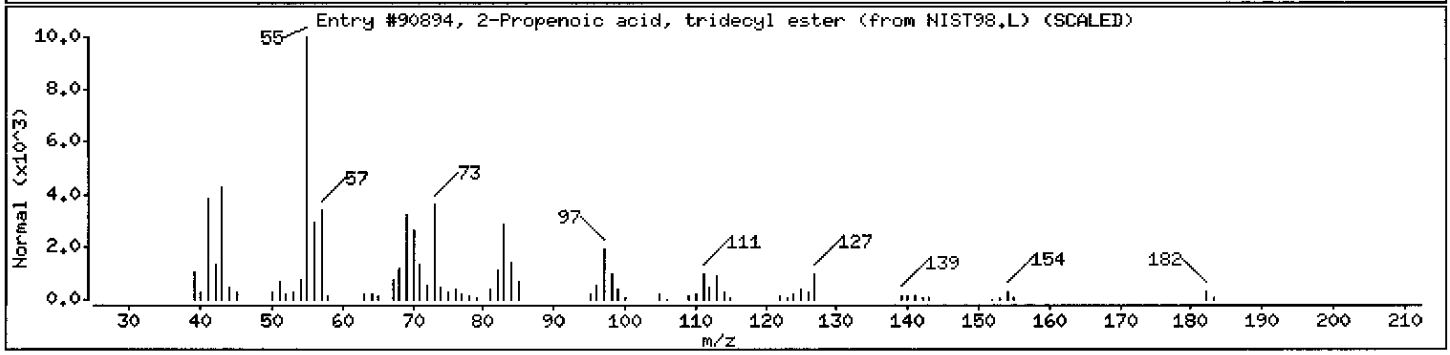
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34707	92	C12H24	168
Dodecyl acrylate	2156-97-0	NIST98.L	82423	91	C15H2802	240
2-Propenoic acid, tridecyl ester	3076-04-8	NIST98.L	90894	87	C16H3002	254









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Date : 25-AUG-2005 10:57

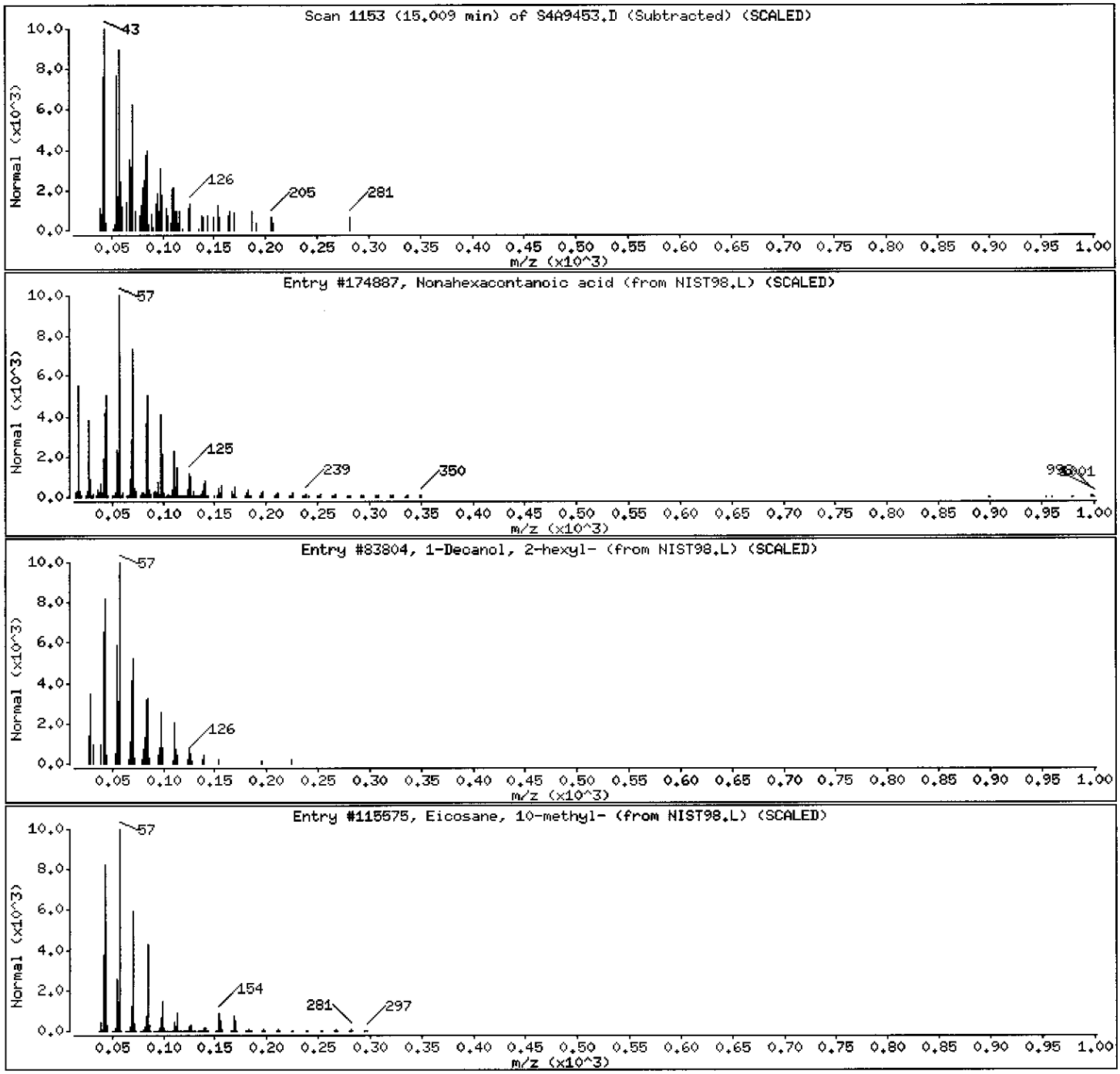
Client ID: SS02-S-0 Instrument: S4.i

Sample Info: D0926-15A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Nonahexacontanoic acid	40710-32-5	NIST98.L	174887	52	C69H138O2	999
1-Decanol, 2-hexyl-	2425-77-6	NIST98.L	83804	49	C16H34O	242
Eicosane, 10-methyl-	54833-23-7	NIST98.L	115575	43	C21H44	296



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Date : 25-AUG-2005 10:57

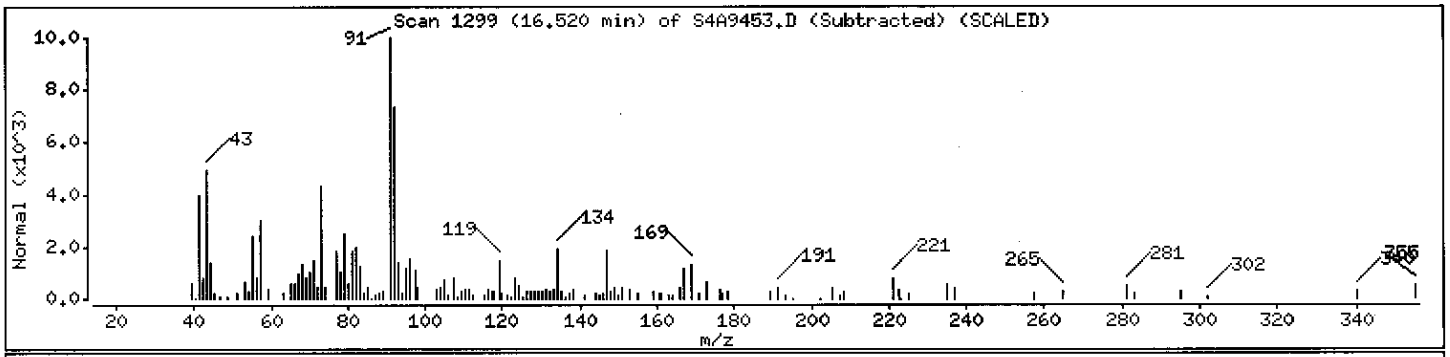
Client ID: SS02-S-0 Instrument: S4.i

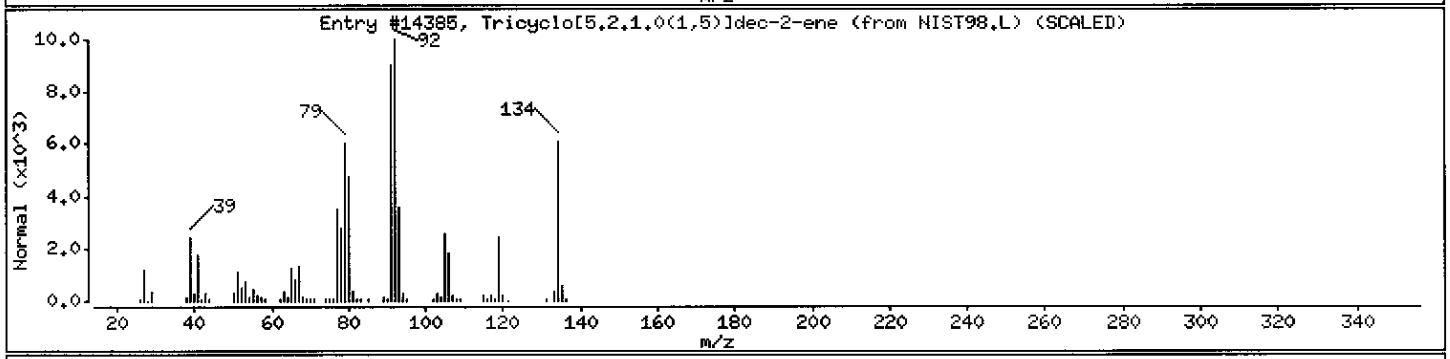
Sample Info: D0926-15A,,19468,,

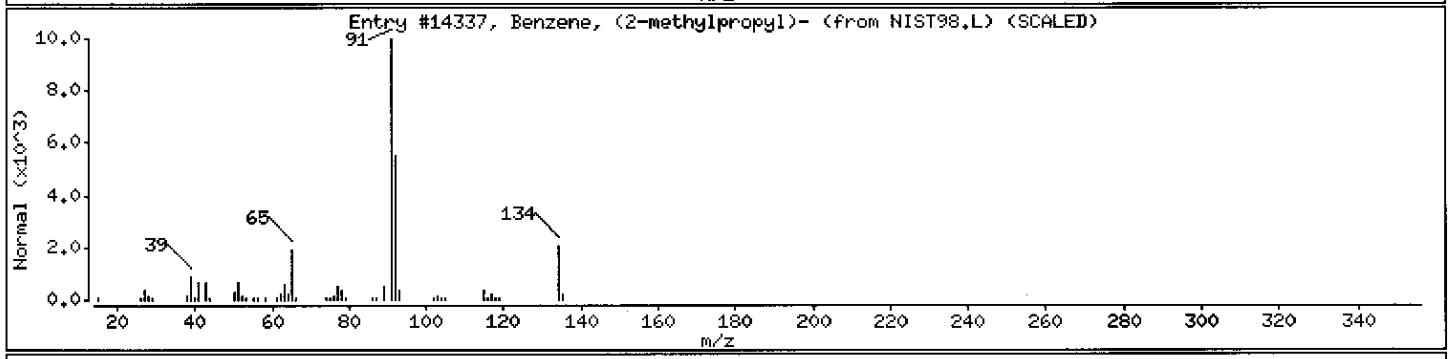
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

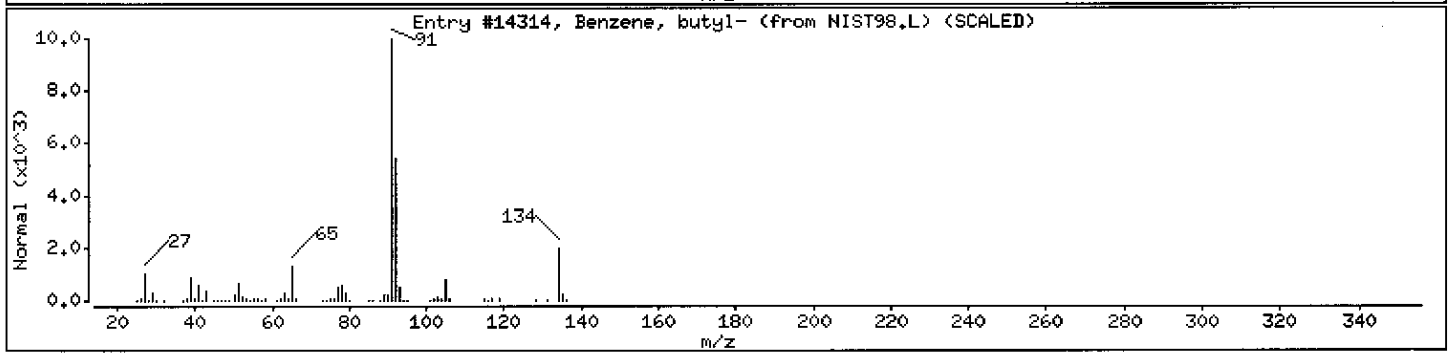
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Tricyclo[5.2.1.0(1,5)]dec-2-ene	1000185-95-6	NIST98.L	14385	47	C10H14	134
Benzene, (2-methylpropyl)-	538-93-2	NIST98.L	14337	47	C10H14	134
Benzene, butyl-	104-51-8	NIST98.L	14314	47	C10H14	134









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Date : 25-AUG-2005 10:57

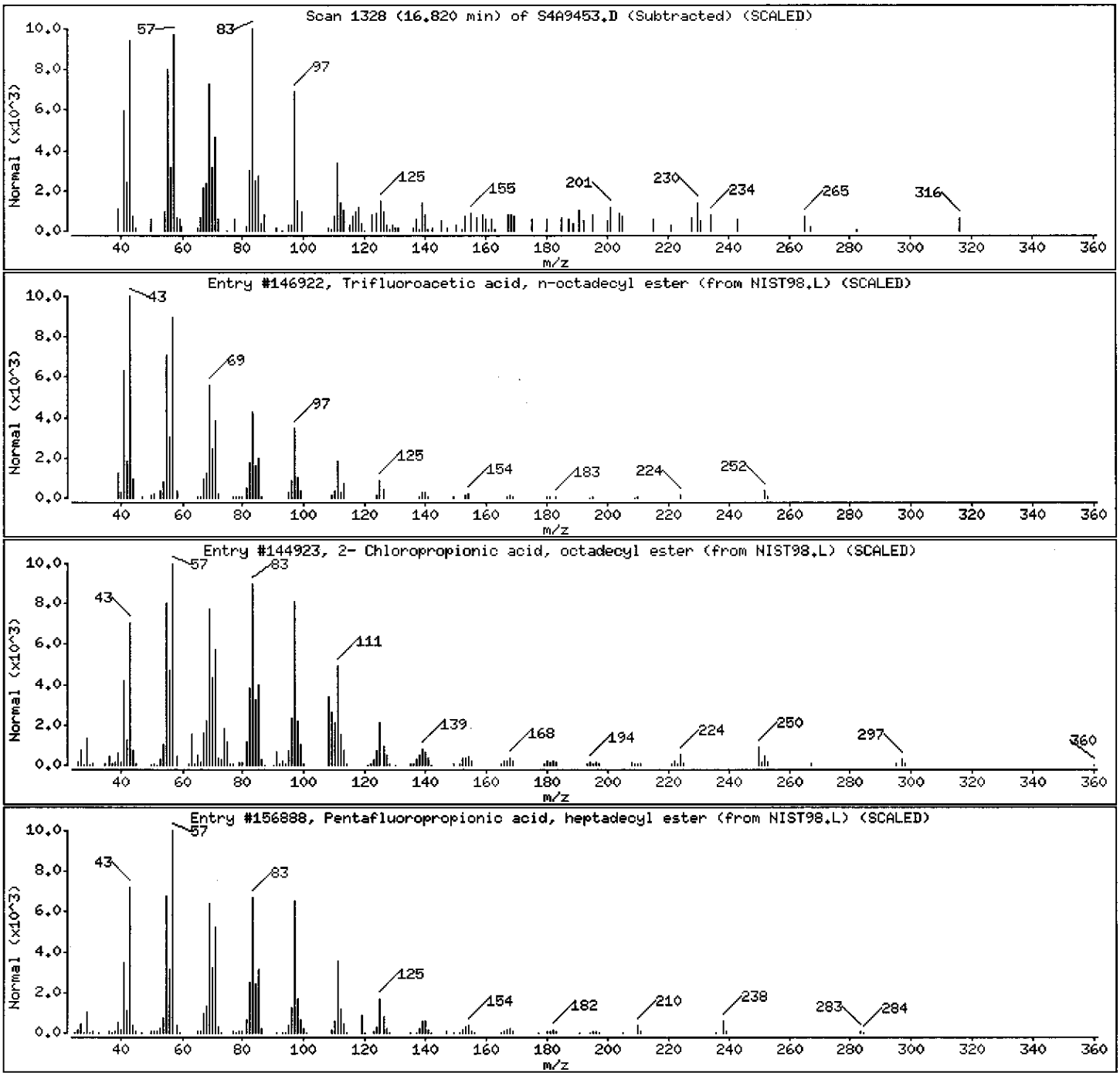
Client ID: SS02-S-0 Instrument: S4.i

Sample Info: D0926-15A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Trifluoroacetic acid, n-octadecyl ester	79392-43-1	NIST98.L	146922	70	C20H37F3O2	366
2- Chloropropionic acid, octadecyl ester	88104-31-8	NIST98.L	144923	70	C21H41ClO2	360
Pentafluoropropionic acid, heptadecyl es	1000283-04-2	NIST98.L	156888	70	C20H35F5O2	402



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Date : 25-AUG-2005 10:57

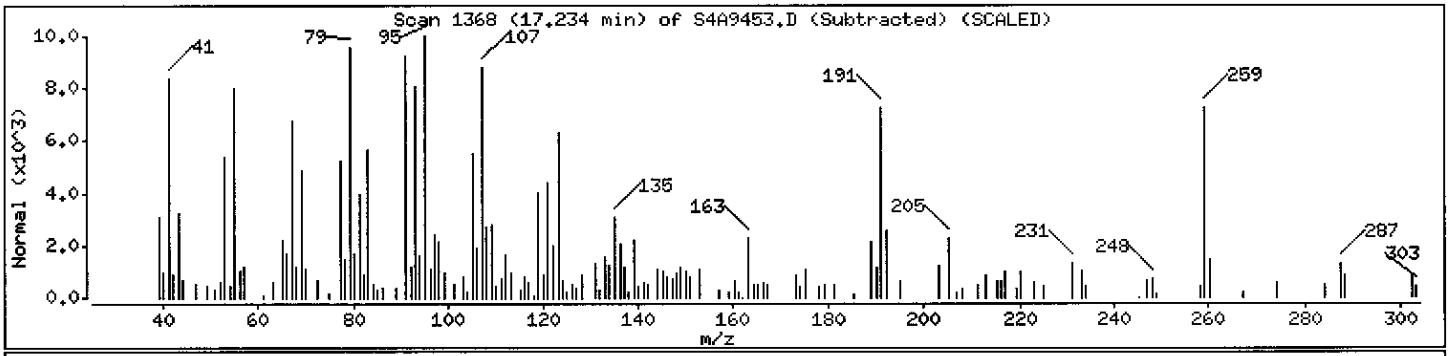
Client ID: SS02-S-0 Instrument: S4.i

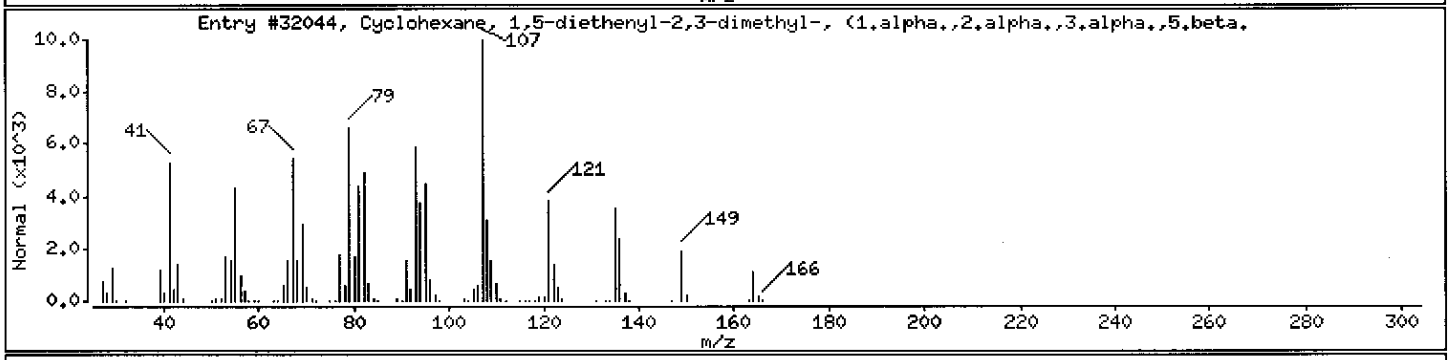
Sample Info: D0926-15A,,19468,,

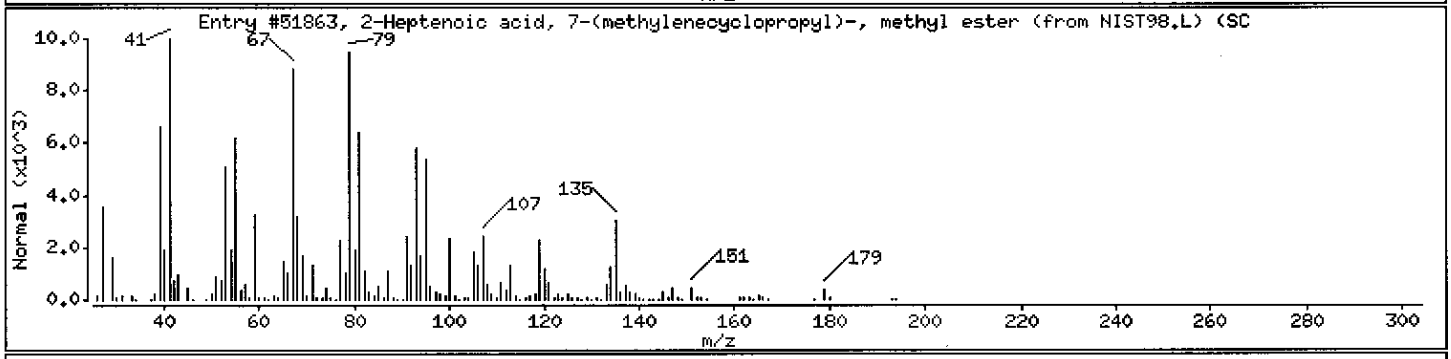
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclohexane, 1,5-diethenyl-2,3-dimethyl-	68779-14-6	NIST98.L	32044	55	C12H20	164
2-Heptenoic acid, 7-(methylenecyclopropy	1000158-04-1	NIST98.L	51863	43	C12H18O2	194







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Date : 25-AUG-2005 10:57

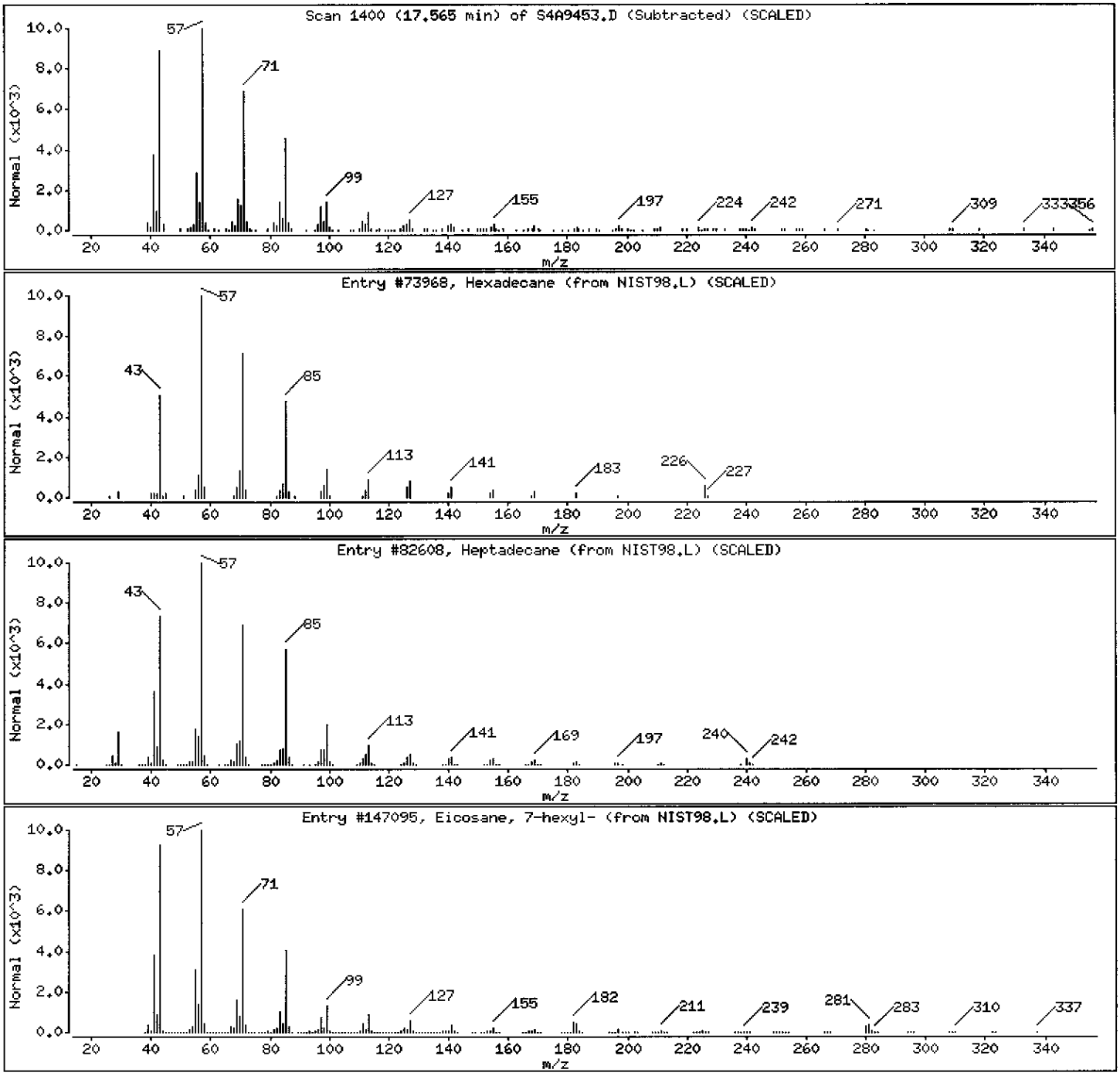
Client ID: SS02-S-0 Instrument: S4.i

Sample Info: D0926-15A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Hexadecane	544-76-3	NIST98.L	73968	96	C16H34	226
Heptadecane	629-78-7	NIST98.L	82608	95	C17H36	240
Eicosane, 7-hexyl-	55333-99-8	NIST98.L	147095	91	C26H54	366



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Date : 25-AUG-2005 10:57

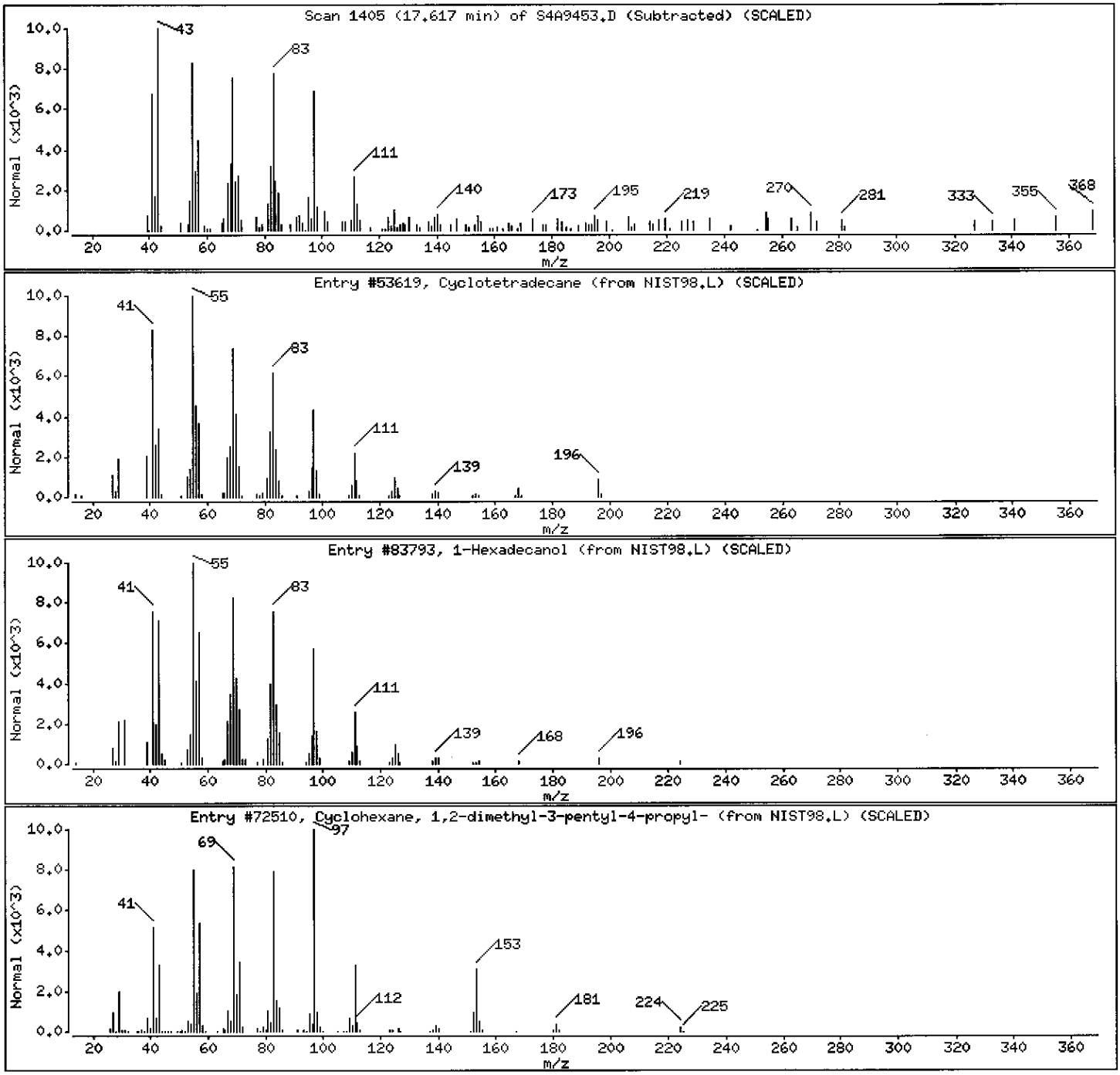
Client ID: SS02-S-0 Instrument: S4.i

Sample Info: D0926-15A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclotetradecane	295-17-0	NIST98.L	53619	87	C14H28	196
1-Hexadecanol	36653-82-4	NIST98.L	83793	80	C16H340	242
Cyclohexane, 1,2-dimethyl-3-pentyl-4-pro	62376-17-4	NIST98.L	72510	72	C16H32	224



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Date : 25-AUG-2005 10:57

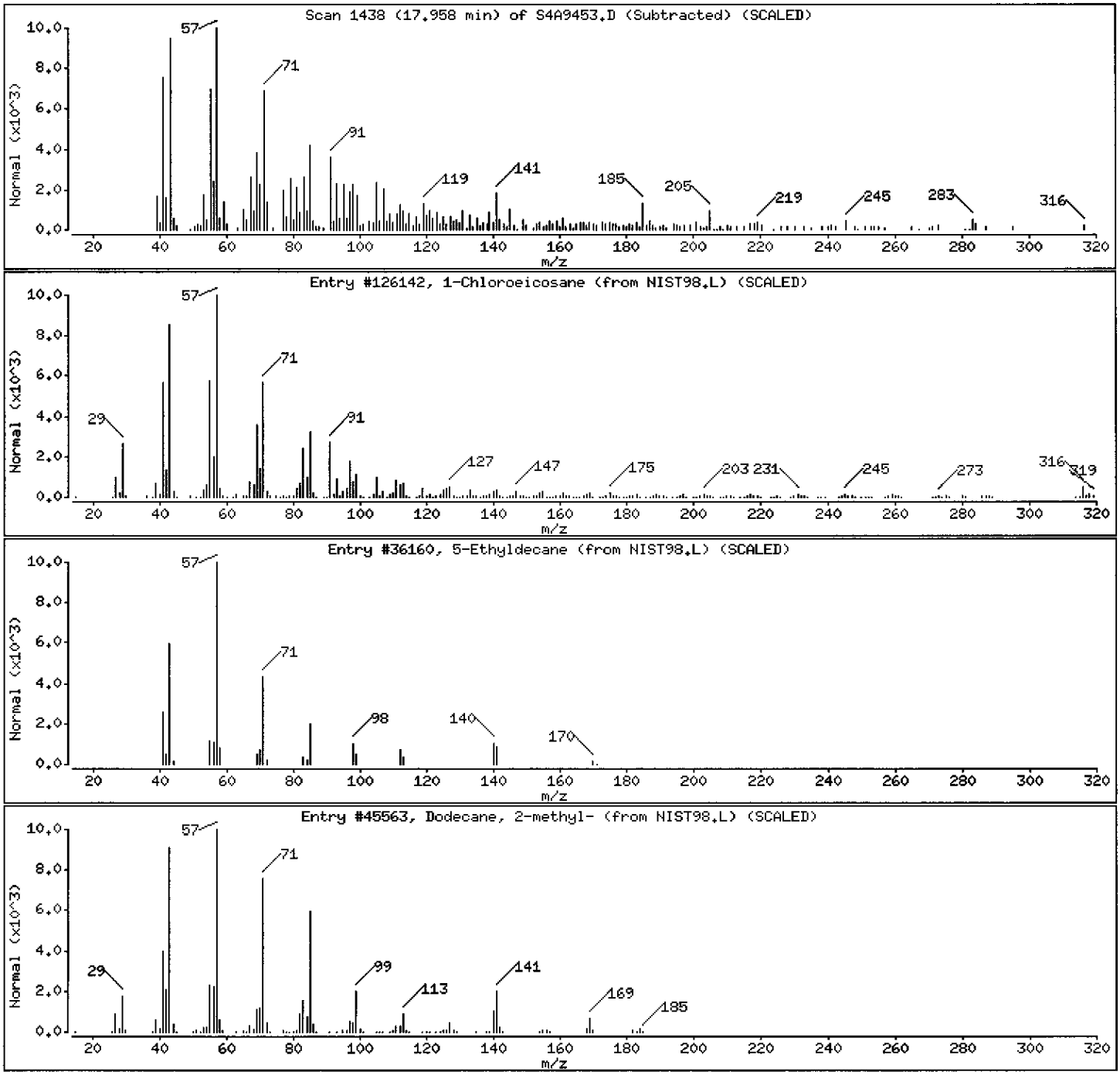
Client ID: SS02-S-0 Instrument: S4.i

Sample Info: D0926-15A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Chloroeicosane	42217-02-7	NIST98.L	126142	50	C20H41Cl	316
5-Ethyldecane	17302-36-2	NIST98.L	36160	50	C12H26	170
Dodecane, 2-methyl-	1560-97-0	NIST98.L	45563	46	C13H28	184



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Date : 25-AUG-2005 10:57

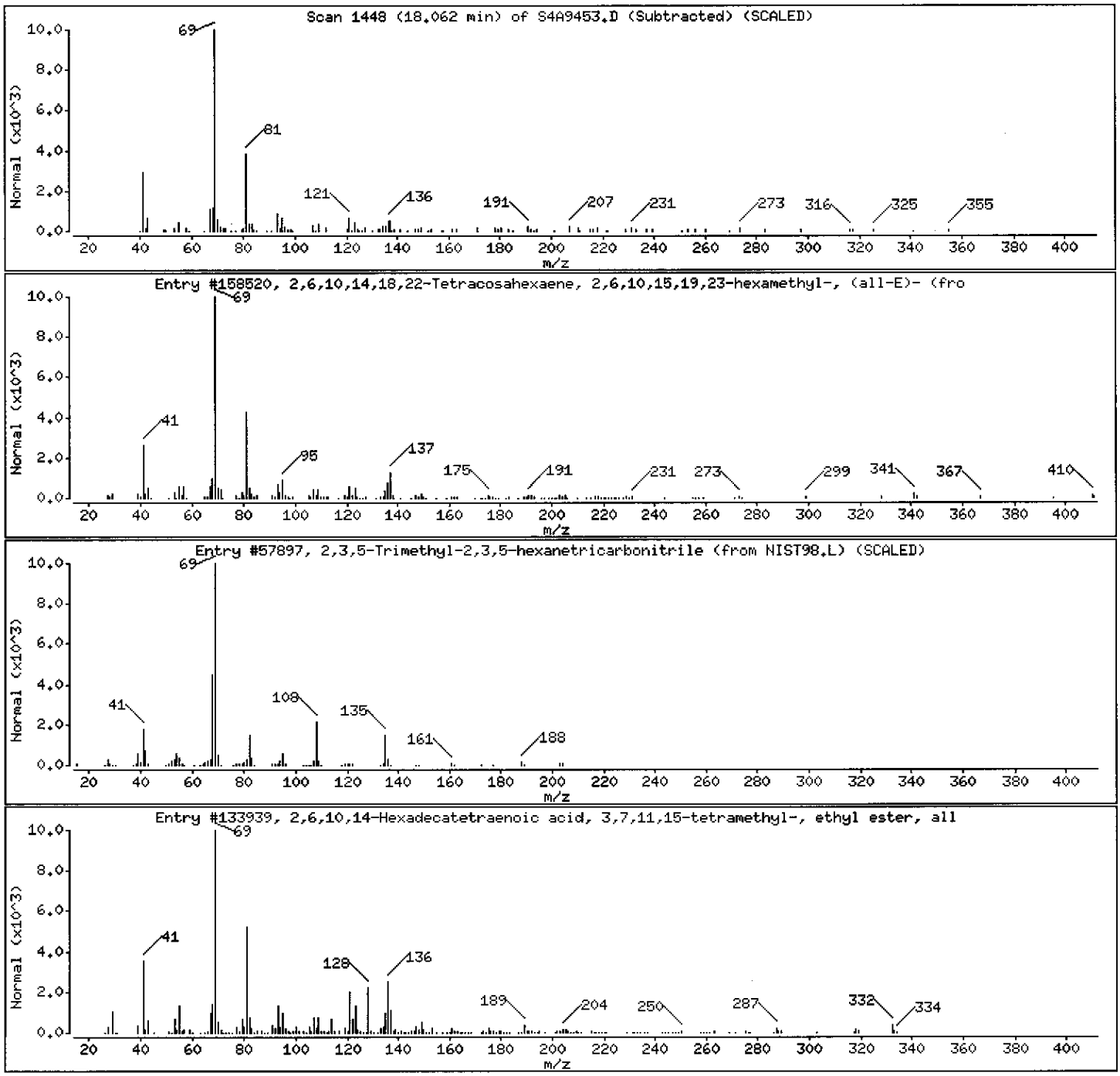
Client ID: SS02-S-0 Instrument: S4.i

Sample Info: D0926-15A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2,6,10,14,18,22-Tetracosahexaene, 2,6,10	111-02-4	NIST98.L	158520	78	C30H50	410
2,3,5-Trimethyl-2,3,5-hexanetricarbonitr	3974-79-6	NIST98.L	57897	64	C12H17N3	203
2,6,10,14-Hexadecatetraenoic acid, 3,7,1	24035-35-6	NIST98.L	133939	64	C22H3602	332



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Date : 25-AUG-2005 10:57

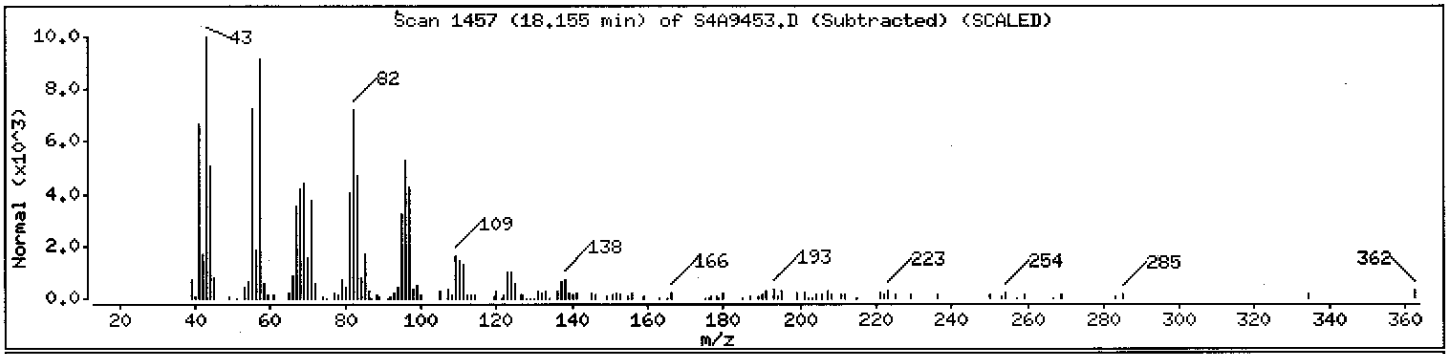
Client ID: SS02-S-0 Instrument: S4.i

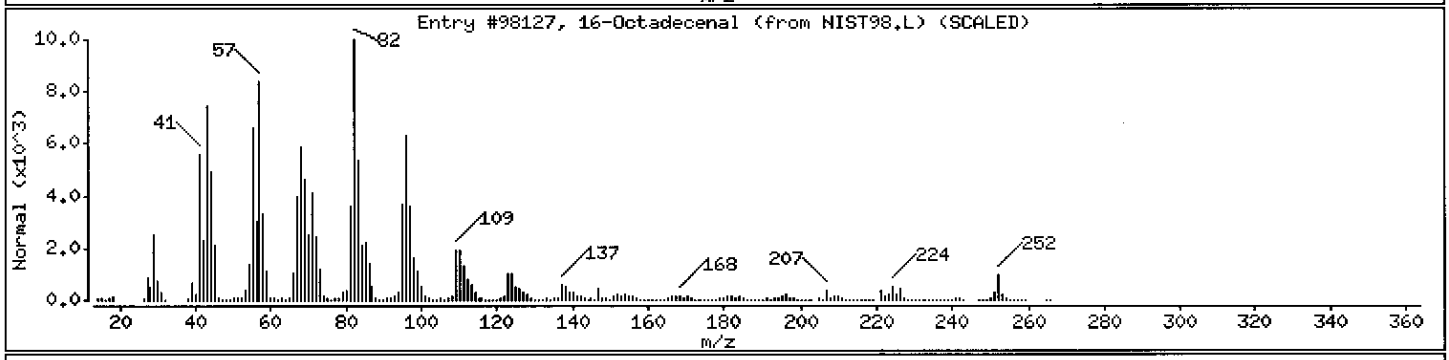
Sample Info: D0926-15A,,19468,,

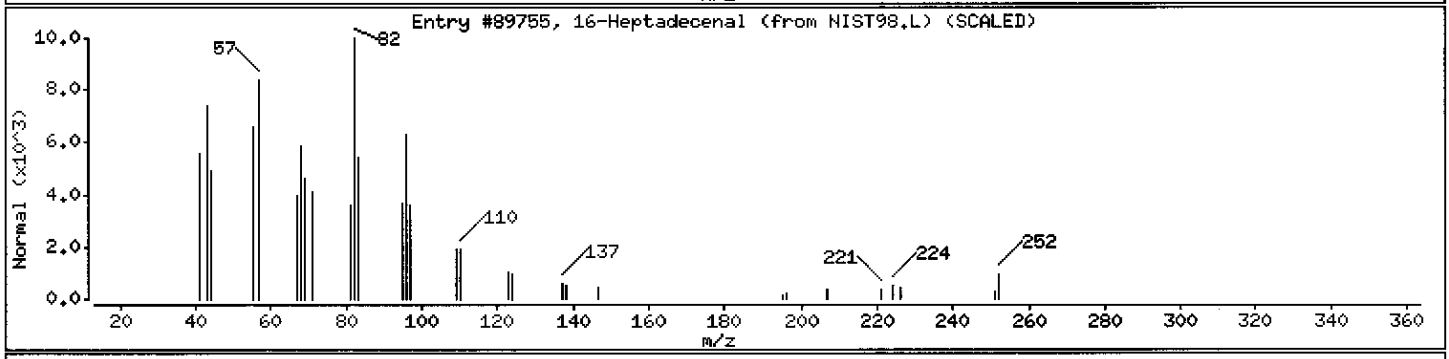
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

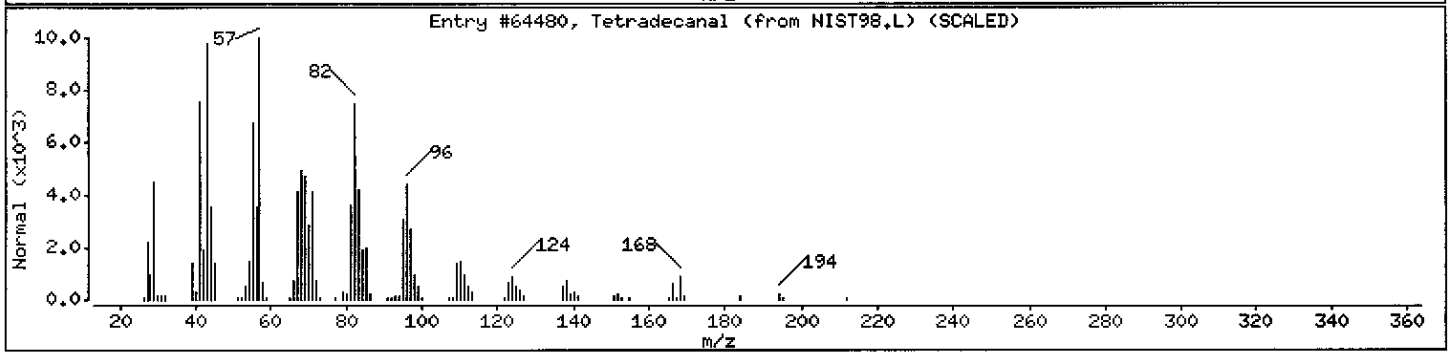
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
16-Octadecenal	56554-87-1	NIST98.L	98127	87	C18H340	266
16-Heptadecenal	1000144-57-9	NIST98.L	89755	87	C17H320	252
Tetradecanal	124-25-4	NIST98.L	64480	86	C14H280	212









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Date : 25-AUG-2005 10:57

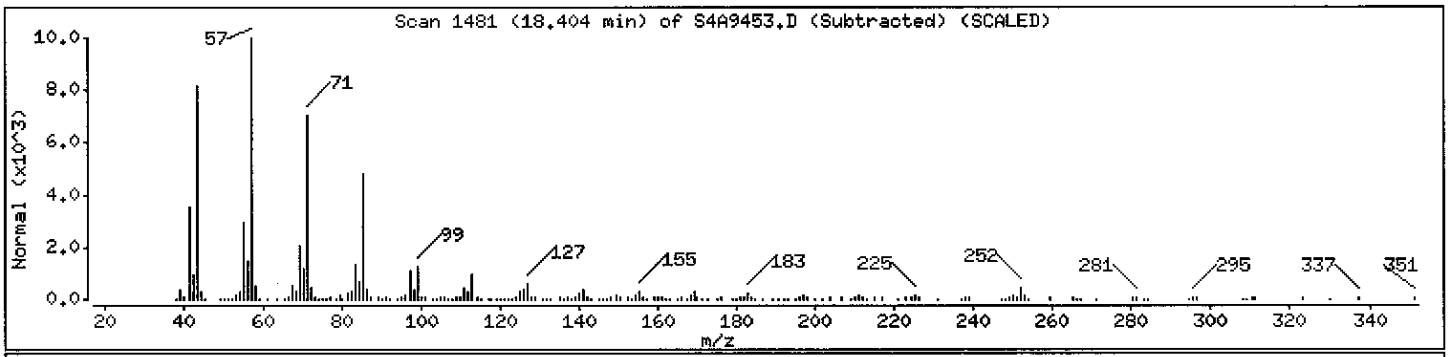
Client ID: SS02-S-0 Instrument: S4.i

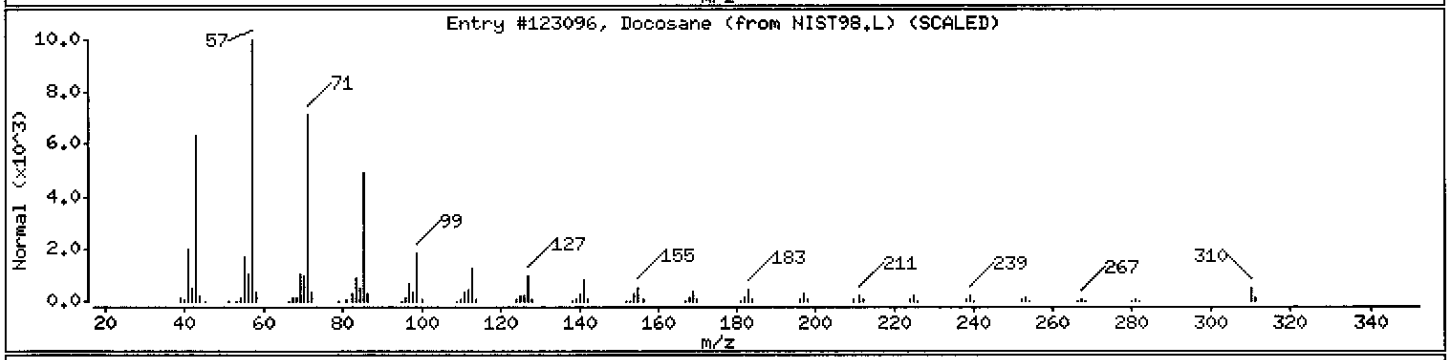
Sample Info: D0926-15A,,19468,,

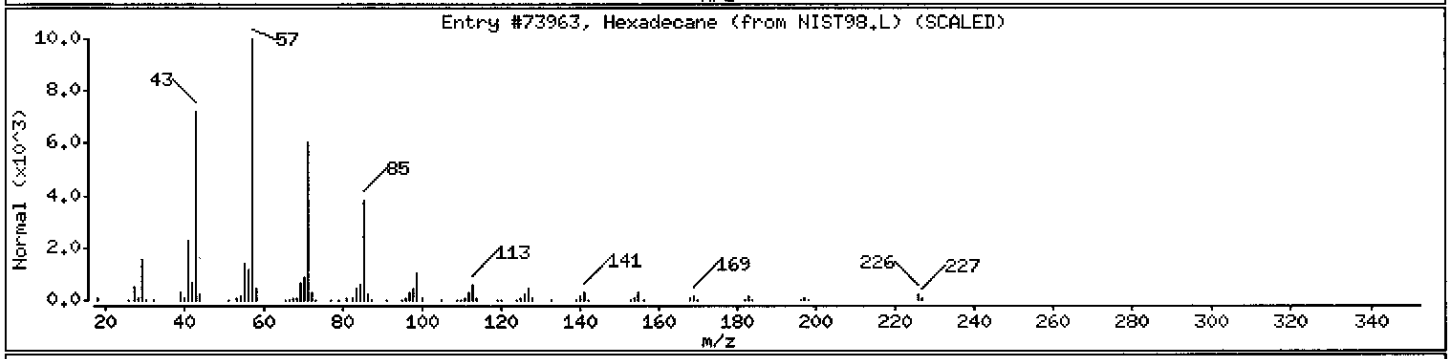
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

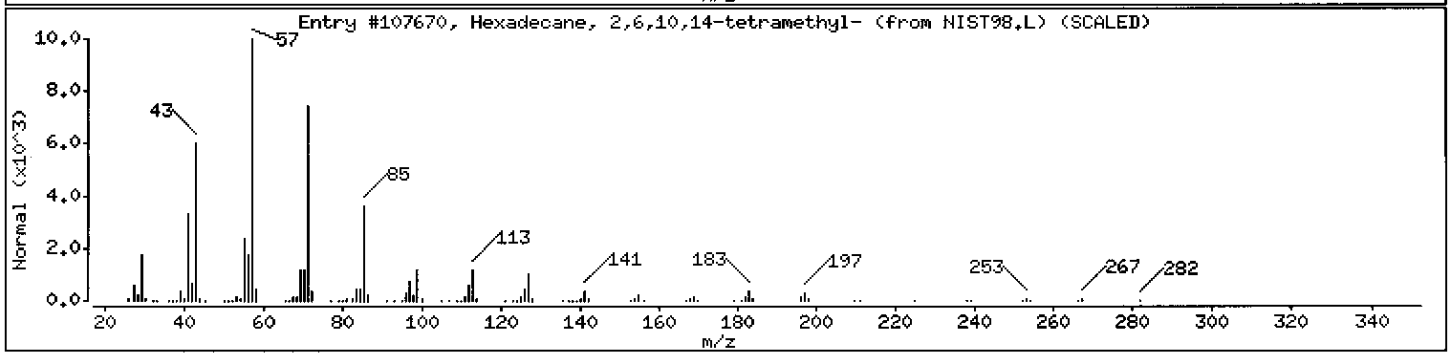
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Docosane	629-97-0	NIST98.L	123096	95	C22H46	310
Hexadecane	544-76-3	NIST98.L	73963	95	C16H34	226
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST98.L	107670	94	C20H42	282









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Date : 25-AUG-2005 10:57

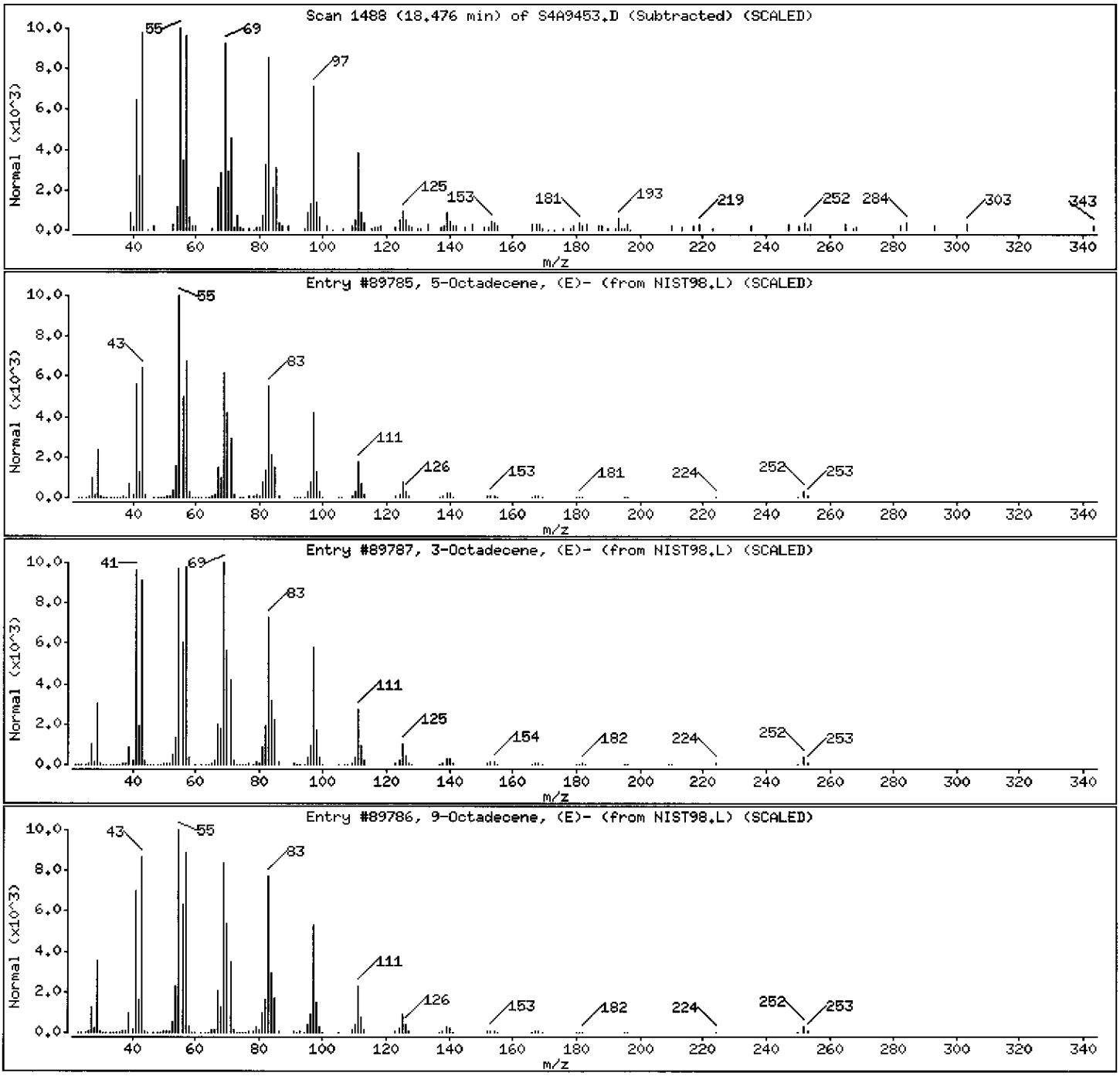
Client ID: SS02-S-0 Instrument: S4.i

Sample Info: D0926-15A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
5-Octadecene, (E)-	7206-21-5	NIST98.L	89785	90	C18H36	252
3-Octadecene, (E)-	7206-19-1	NIST98.L	89787	90	C18H36	252
9-Octadecene, (E)-	7206-25-9	NIST98.L	89786	81	C18H36	252



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9453.D

Date : 25-AUG-2005 10:57

Client ID: SS02-S-O

Instrument: S4.i

Sample Info: D0926-15A,,19468,,

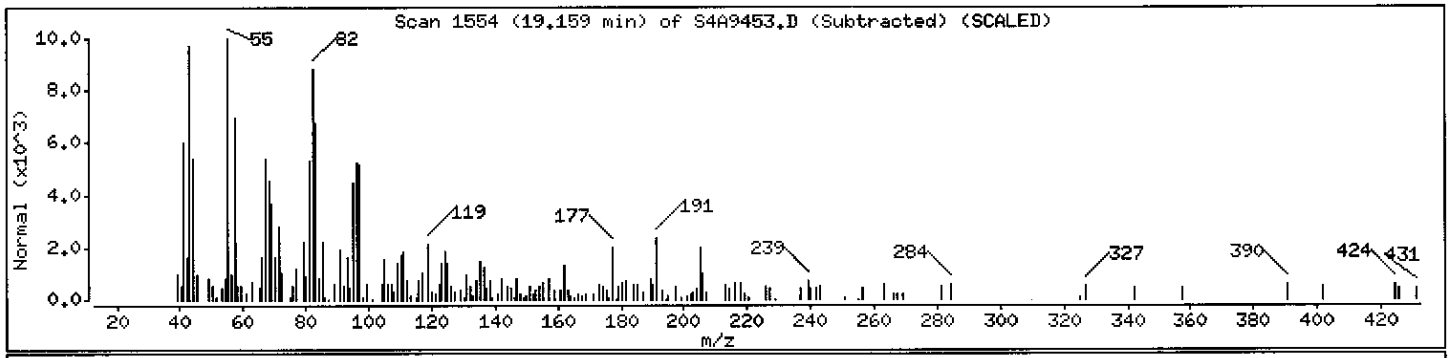
Volume Injected (uL): 2.0

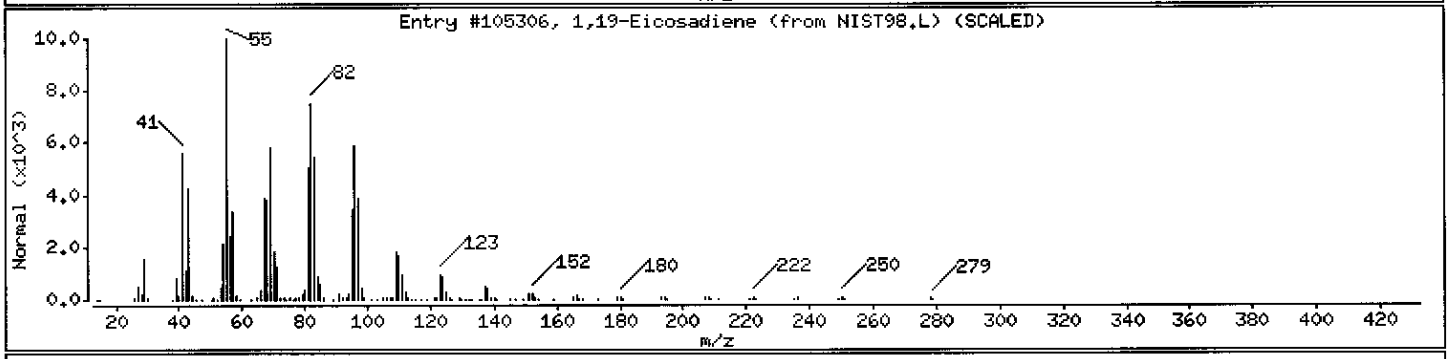
Operator: AW SRC: LIMS

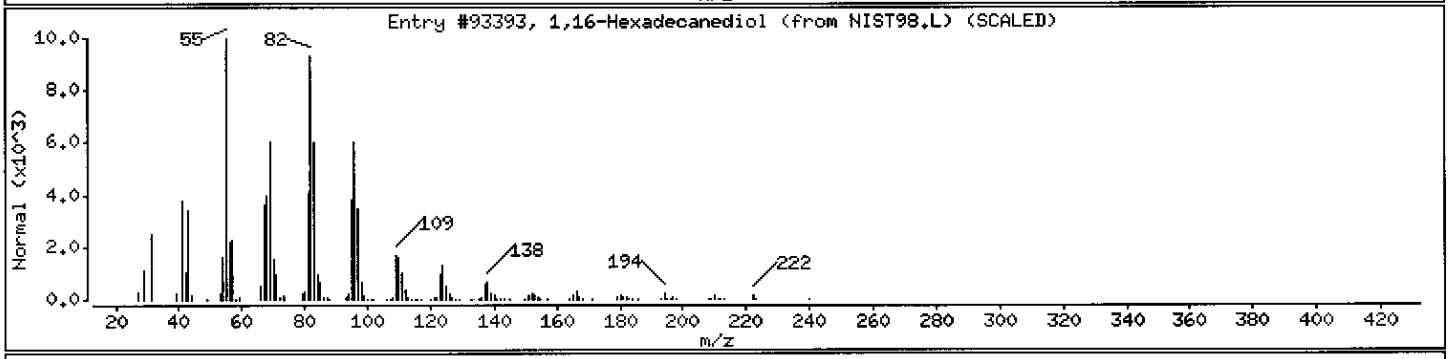
Column phase: DB-5MS

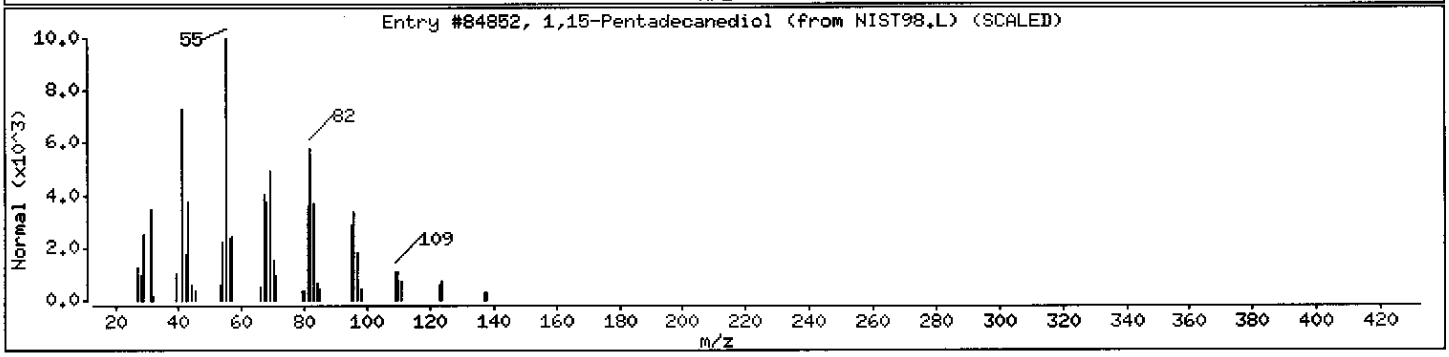
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1,19-Eicosadiene	14811-95-1	NIST98.L	105306	72	C20H38	278
1,16-Hexadecanediol	7735-42-4	NIST98.L	93393	58	C16H3402	258
1,15-Pentadecanediol	14722-40-8	NIST98.L	84852	58	C15H3202	244









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Date : 25-AUG-2005 10:57

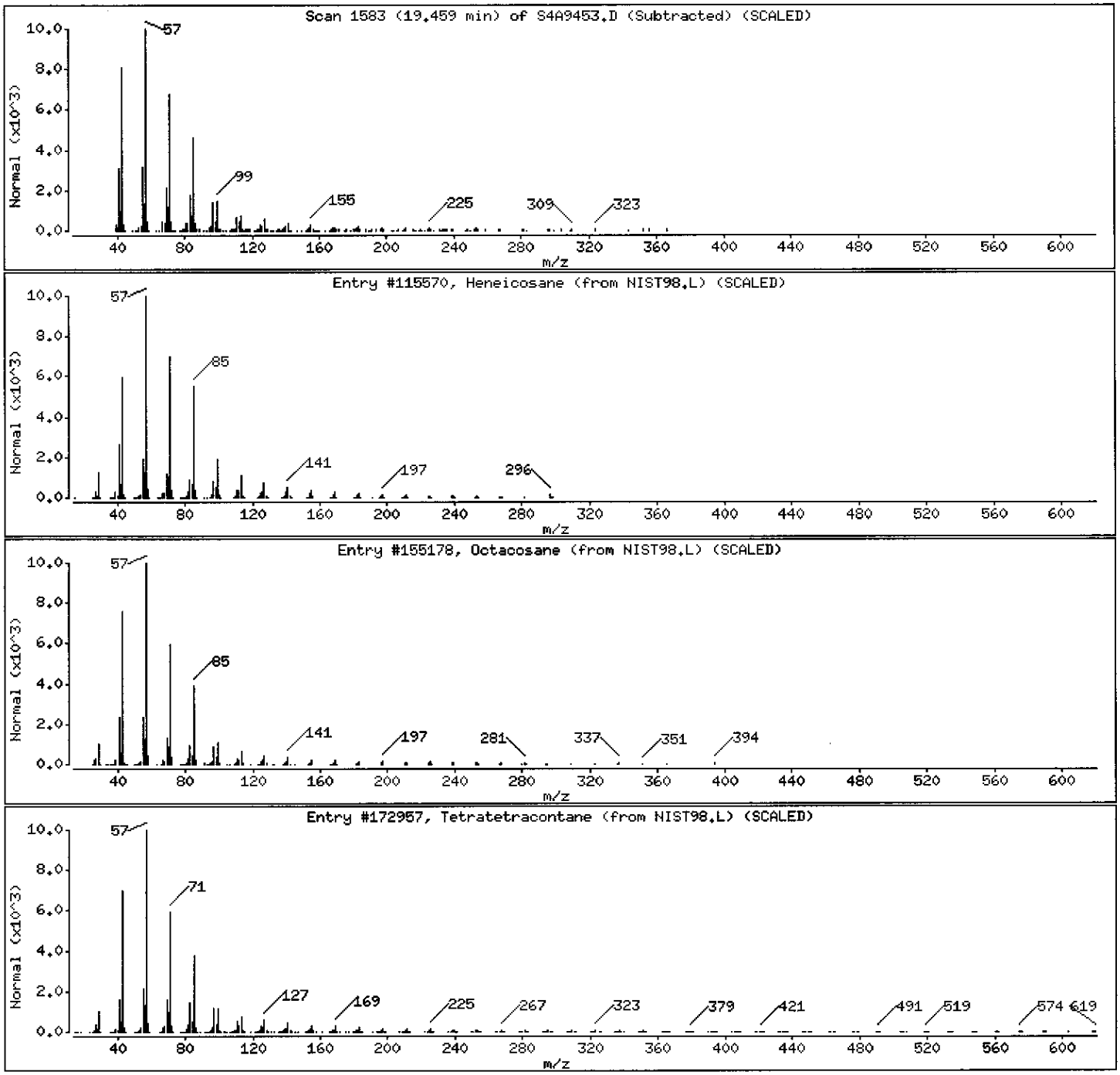
Client ID: SS02-S-0 Instrument: S4.i

Sample Info: D0926-15A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Heneicosane	629-94-7	NIST98.L	115570	95	C21H44	296
Octacosane	630-02-4	NIST98.L	155178	91	C28H58	394
Tetratetracontane	7098-22-8	NIST98.L	172957	91	C44H90	619



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Date : 25-AUG-2005 10:57

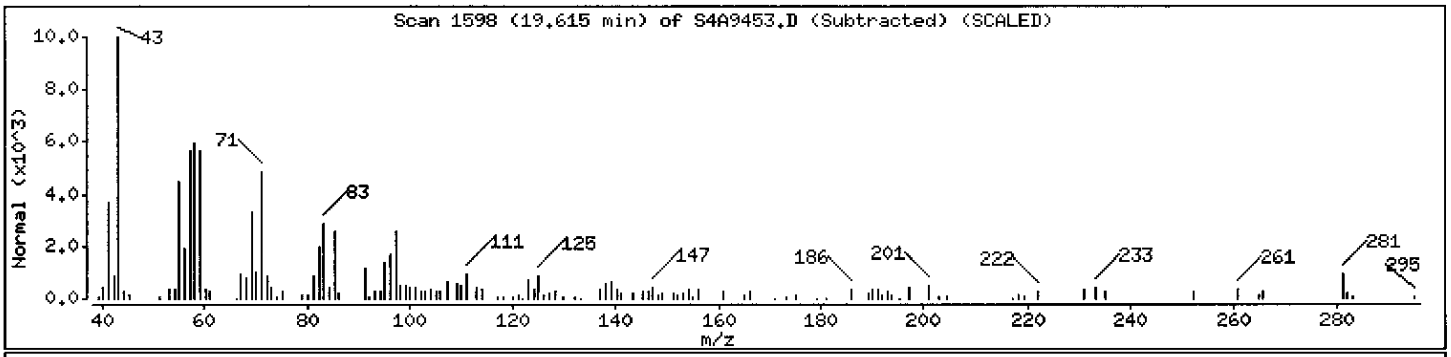
Client ID: SS02-S-0 Instrument: S4.i

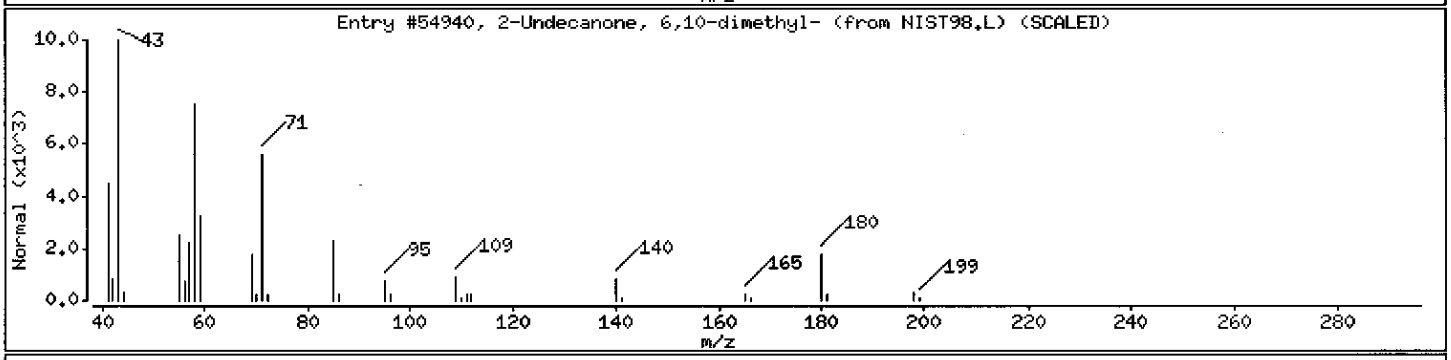
Sample Info: D0926-15A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Undecanone, 6,10-dimethyl-	1604-34-8	NIST98.L	54940	43	C13H26O	198





Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9453.D

Date : 25-AUG-2005 10:57

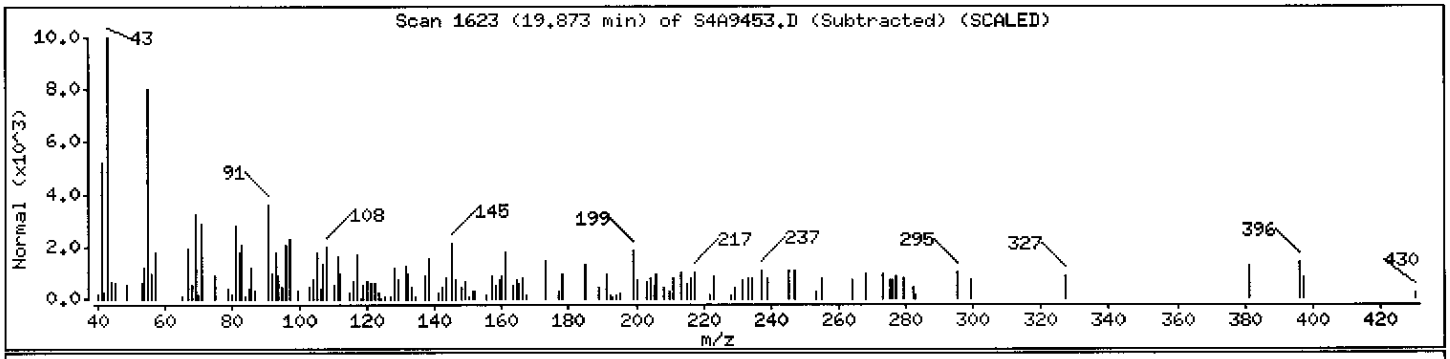
Client ID: SS02-S-0 Instrument: S4.i

Sample Info: D0926-15A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 10:57

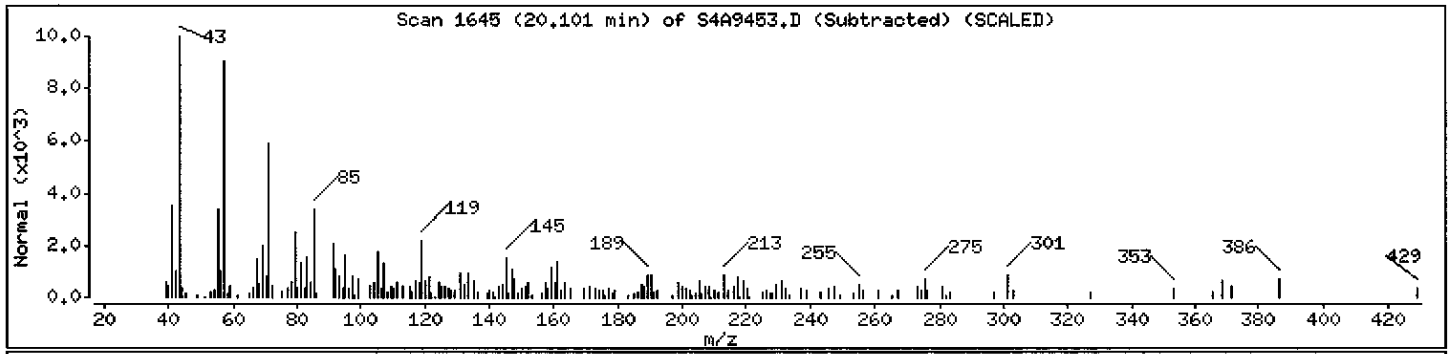
Client ID: SS02-S-0 Instrument: S4.i

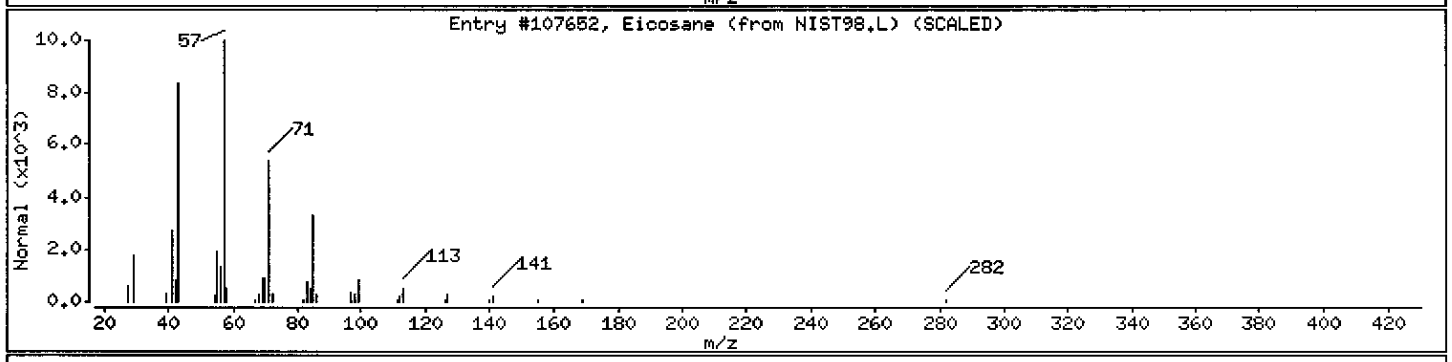
Sample Info: D0926-15A,,19468,,

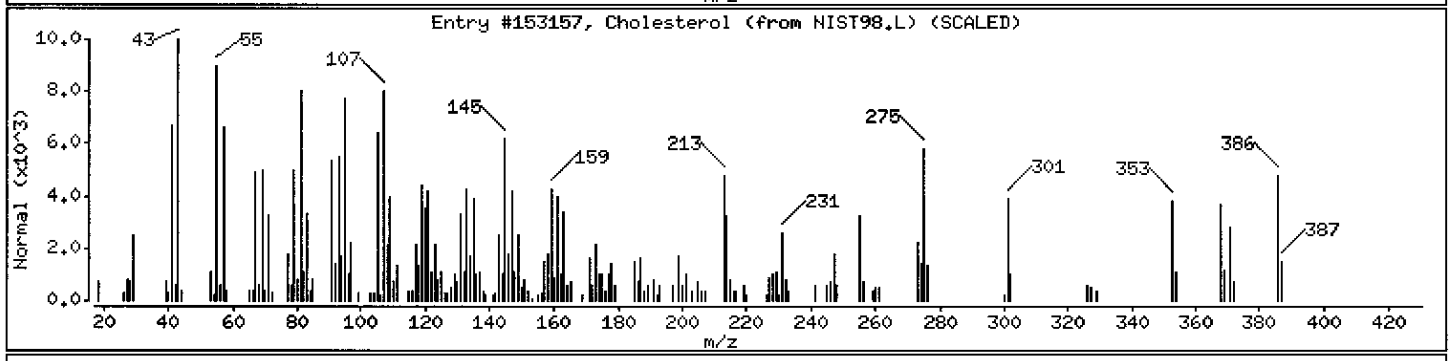
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

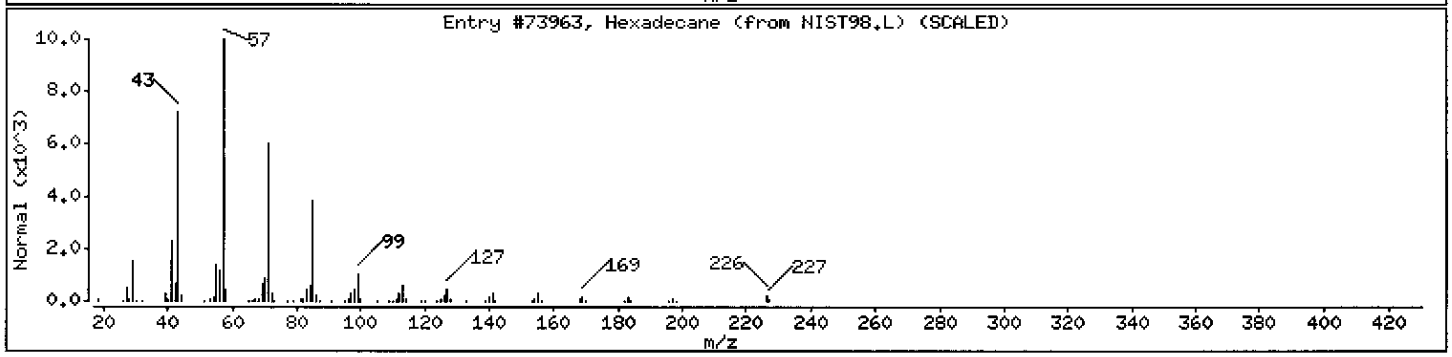
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Eicosane	112-95-8	NIST98.L	107652	86	C20H42	282
Cholesterol	57-88-5	NIST98.L	153157	64	C27H46O	386
Hexadecane	544-76-3	NIST98.L	73963	50	C16H34	226









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9453.D

Date : 25-AUG-2005 10:57

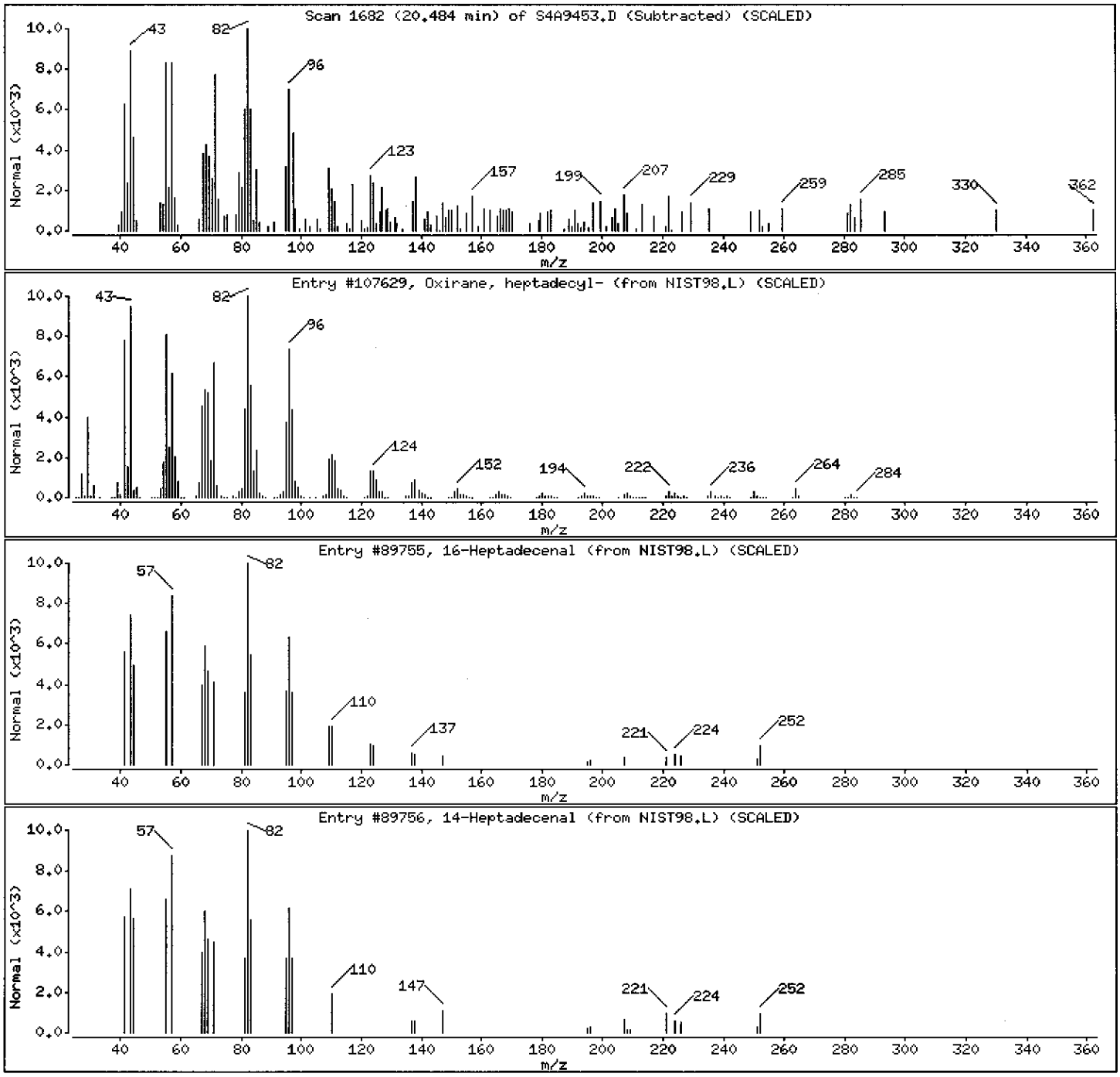
Client ID: SS02-S-0 Instrument: S4.i

Sample Info: D0926-15A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Oxirane, heptadecyl-	67860-04-2	NIST98.L	107629	81	C19H380	282
16-Heptadecenal	1000144-57-9	NIST98.L	89755	70	C17H320	252
14-Heptadecenal	1000144-58-0	NIST98.L	89756	70	C17H320	252



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9453.D

Date : 25-AUG-2005 10:57

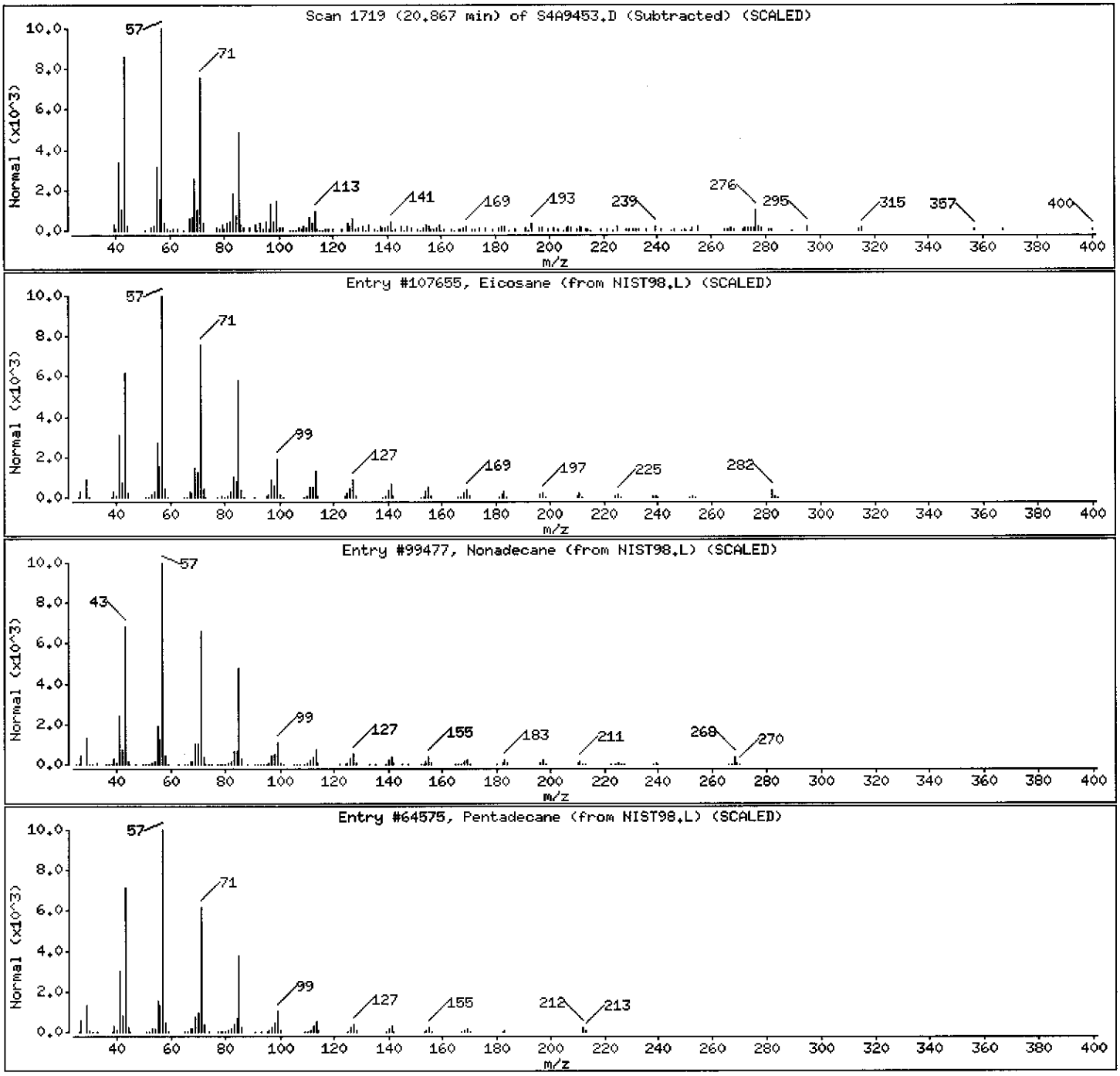
Client ID: SS02-S-0 Instrument: S4.i

Sample Info: D0926-15A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Eicosane	112-95-8	NIST98.L	107655	95	C20H42	282
Nonadecane	629-92-5	NIST98.L	99477	94	C19H40	268
Pentadecane	629-62-9	NIST98.L	64575	91	C15H32	212



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9453.D

Date : 25-AUG-2005 10:57

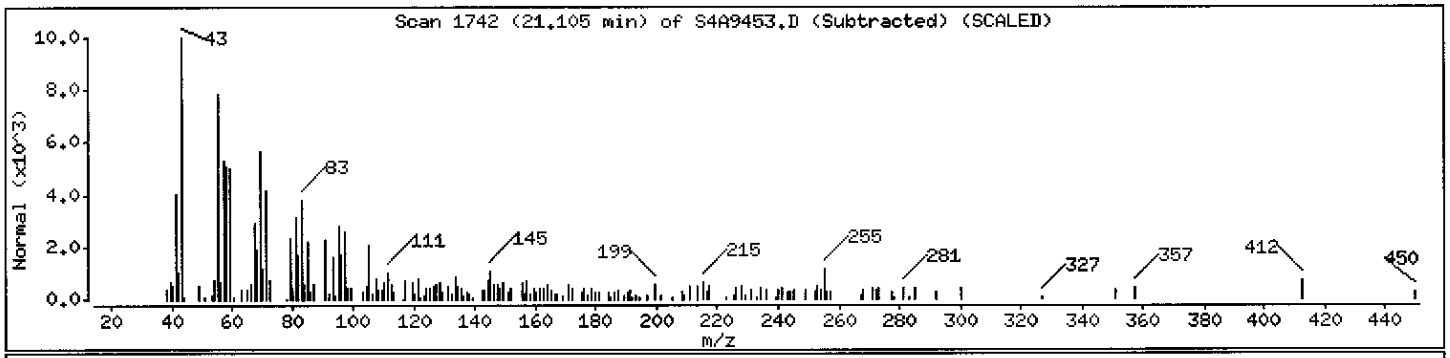
Client ID: SS02-S-0 Instrument: S4.i

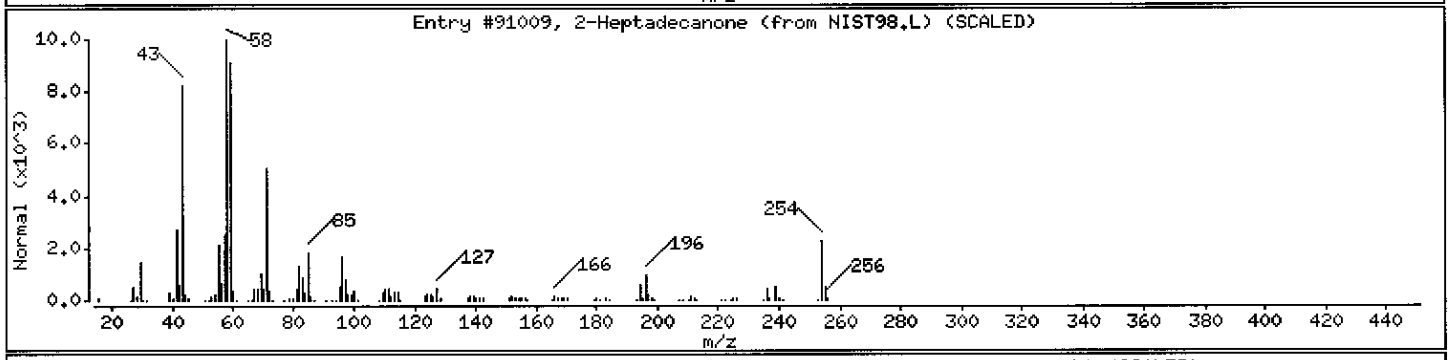
Sample Info: D0926-15A,,19468,,

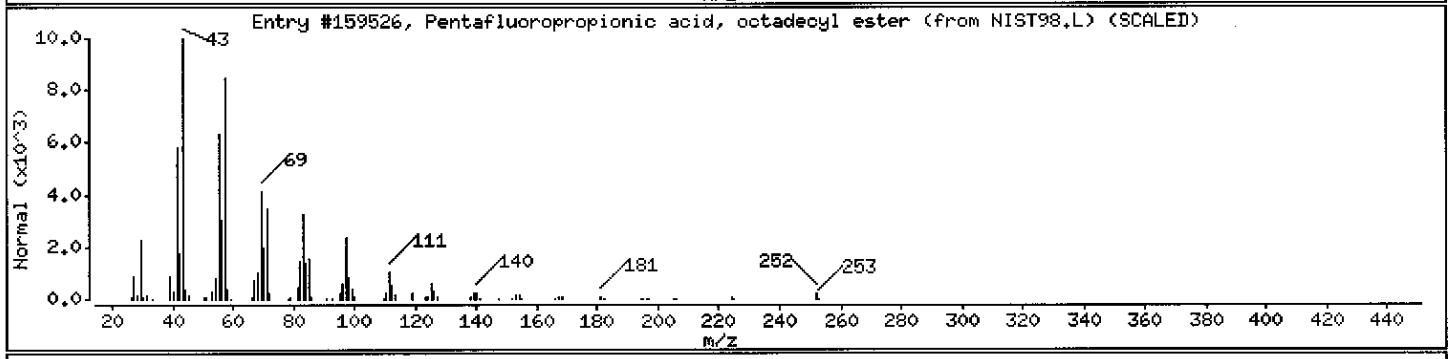
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Heptadecanone	2922-51-2	NIST98.L	91009	58	C17H340	254
Pentafluoropropionic acid, octadecyl est	1000280-07-7	NIST98.L	159526	43	C21H37F502	416







Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9453.D

Date : 25-AUG-2005 10:57

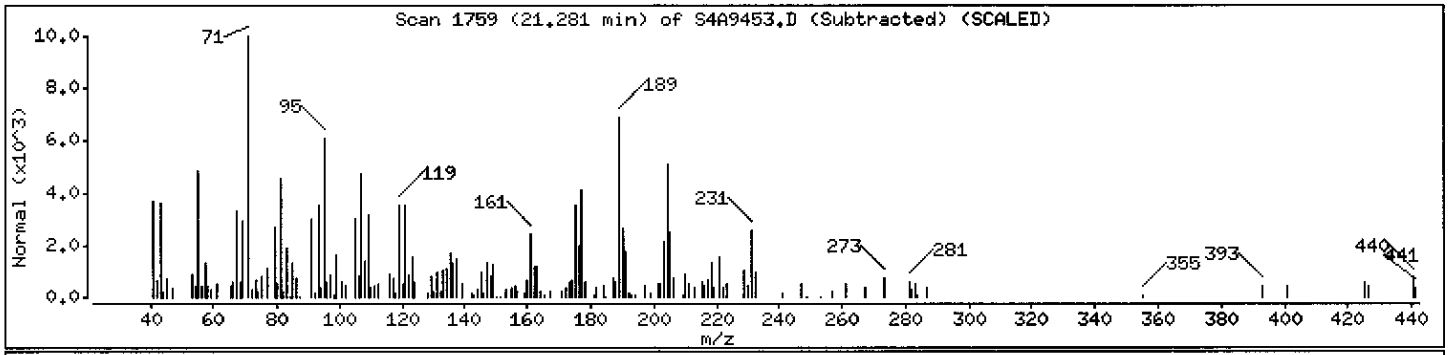
Client ID: SS02-S-0 Instrument: S4.i

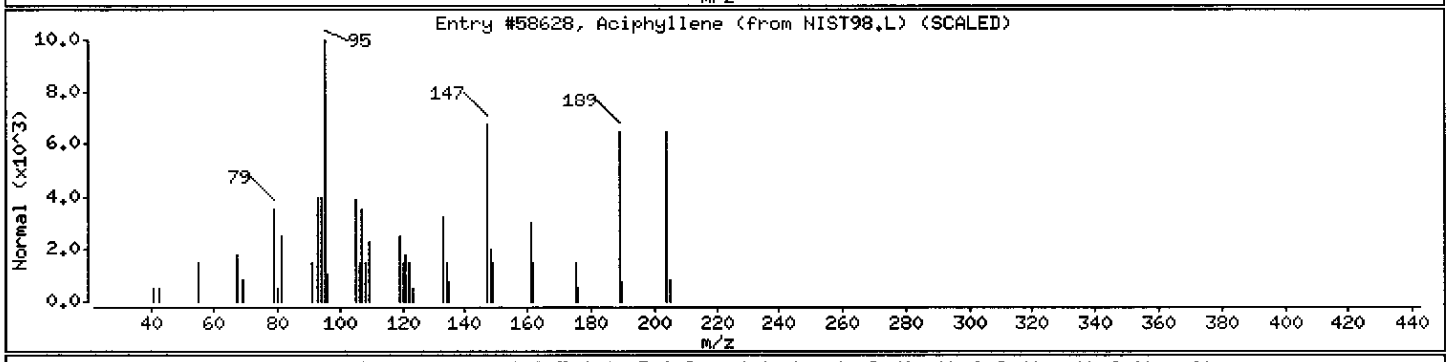
Sample Info: D0926-15A,,19468,,

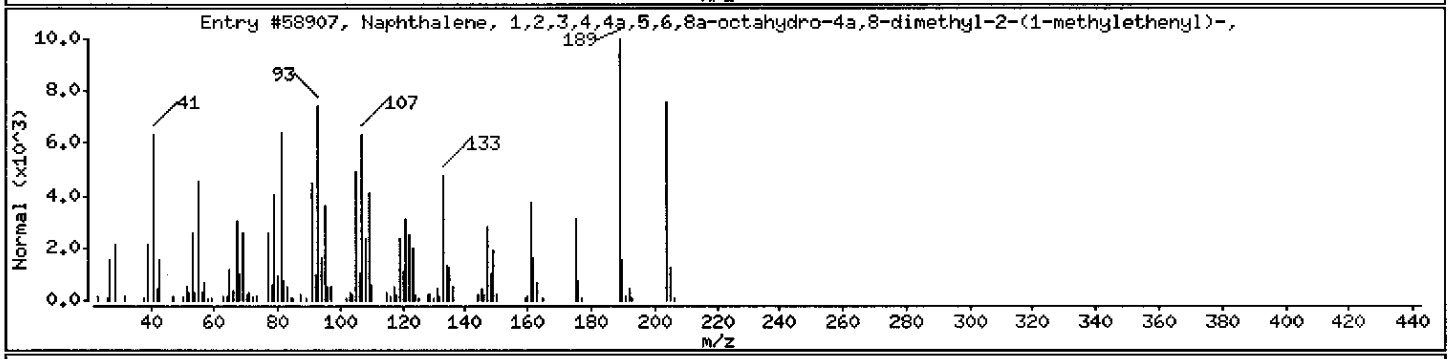
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Aciphyllene	87745-31-1	NIST98.L	58628	41	C15H24	204
Naphthalene, 1,2,3,4,4a,5,6,8a-octahydro	473-13-2	NIST98.L	58907	41	C15H24	204







Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9453.D

Date : 25-AUG-2005 10:57

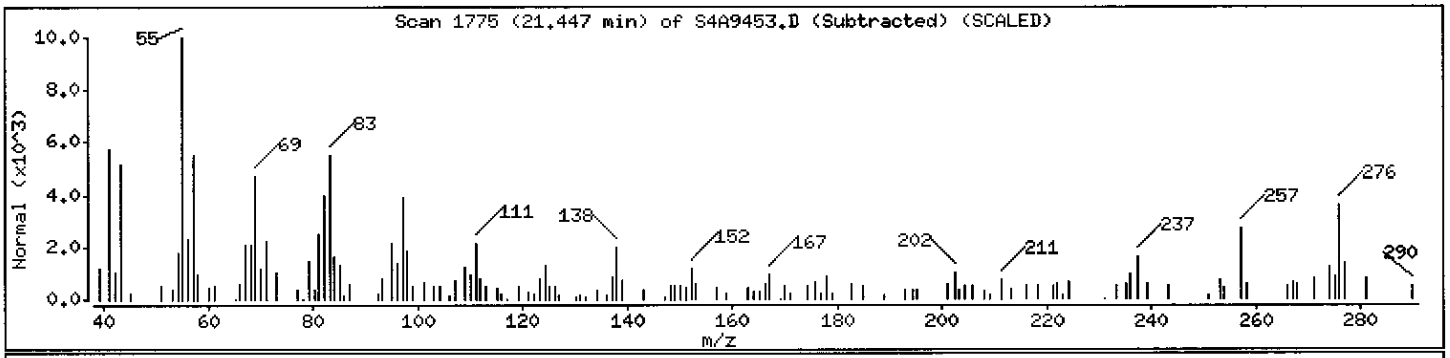
Client ID: SS02-S-0 Instrument: S4.i

Sample Info: D0926-15A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9453.D

Date : 25-AUG-2005 10:57

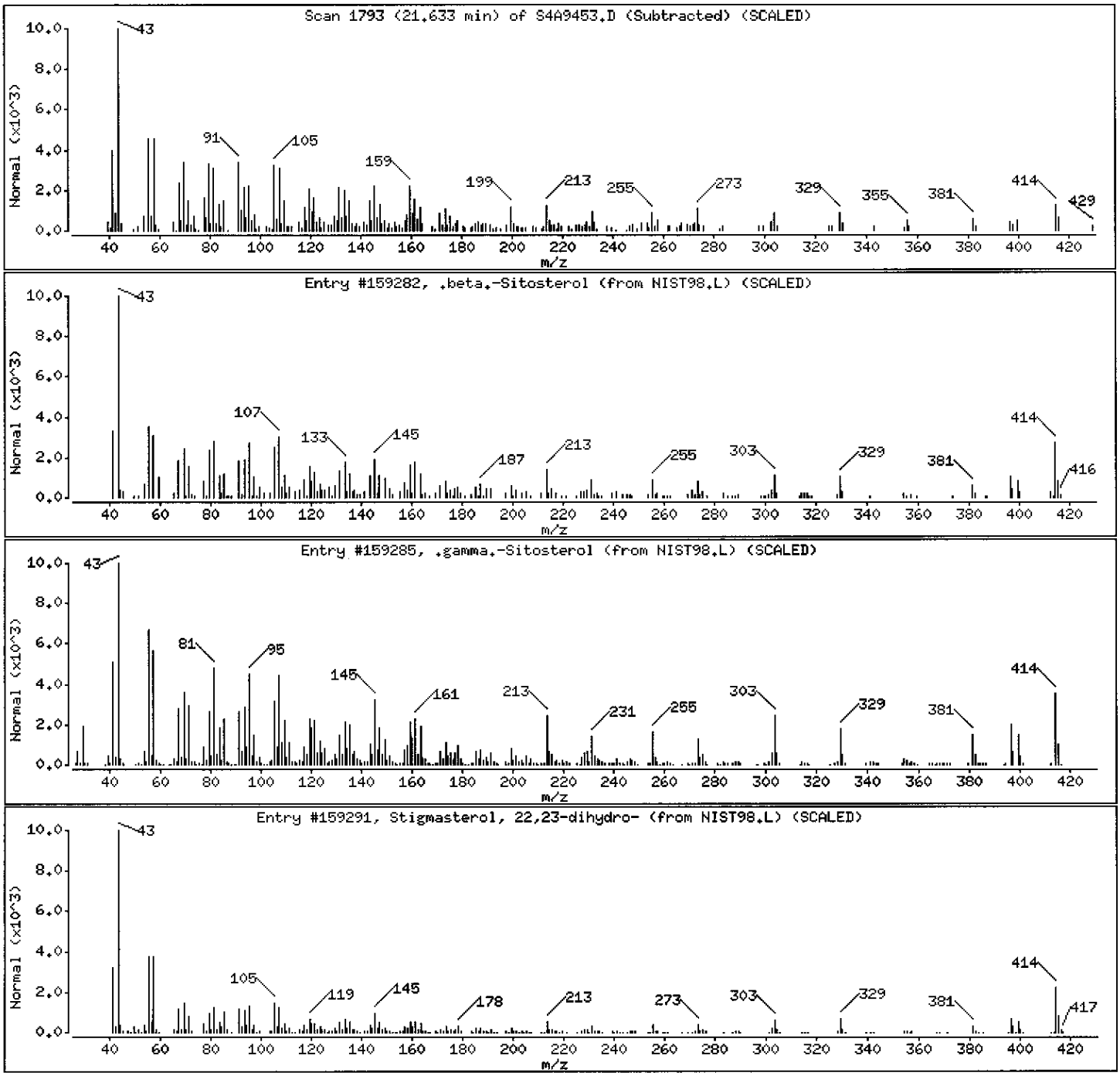
Client ID: SS02-S-0 Instrument: S4.i

Sample Info: D0926-15A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.beta.-Sitosterol	83-46-5	NIST98.L	159282	90	C29H500	414
.gamma.-Sitosterol	83-47-6	NIST98.L	159285	89	C29H500	414
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST98.L	159291	78	C29H500	414



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9453.D

Date : 25-AUG-2005 10:57

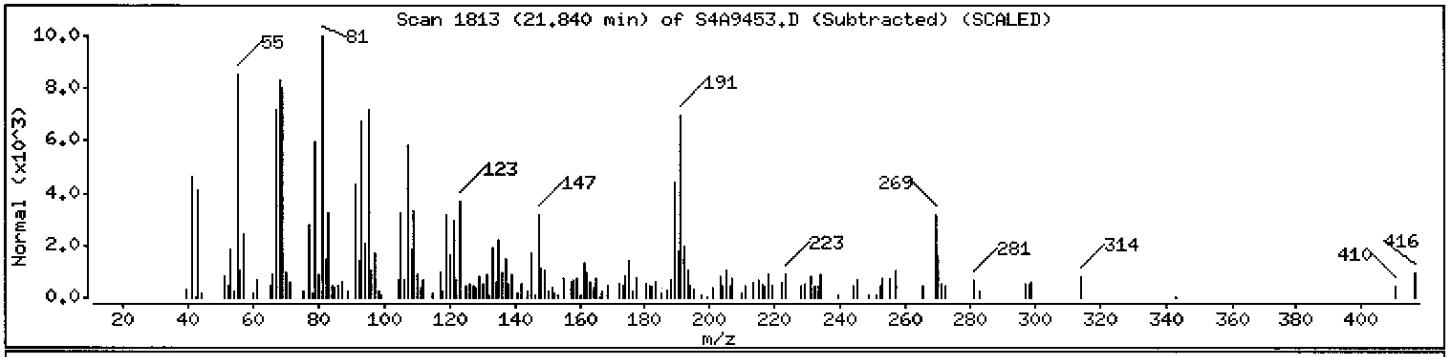
Client ID: SS02-S-0 Instrument: S4.i

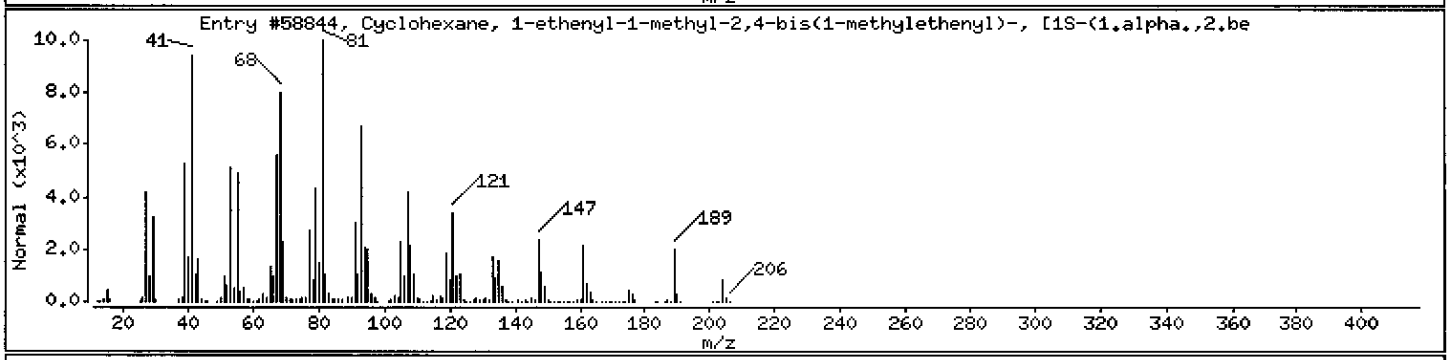
Sample Info: D0926-15A,,19468,,

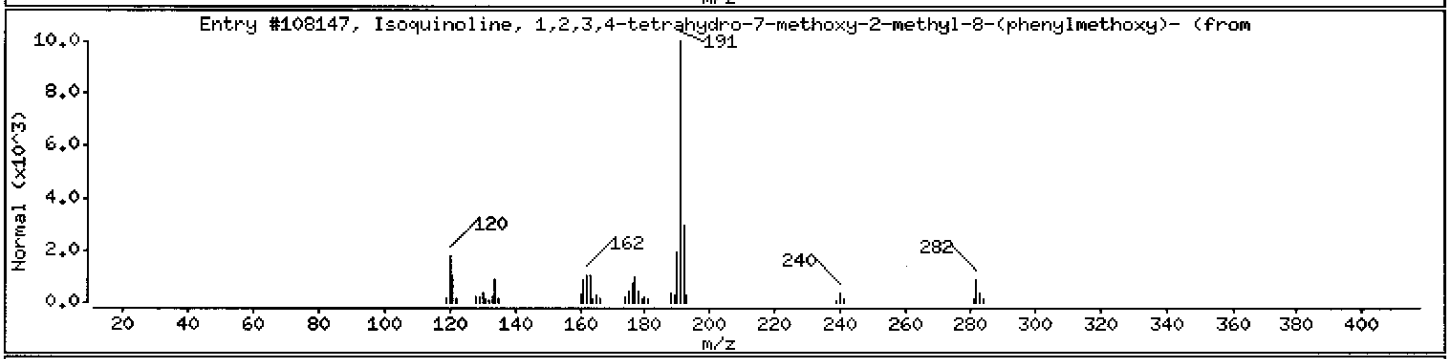
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclohexane, 1-ethenyl-1-methyl-2,4-bis(	515-13-9	NIST98.L	58844	43	C15H24	204
Isoquinoline, 1,2,3,4-tetrahydro-7-metho	36646-87-4	NIST98.L	108147	43	C18H21NO2	283







Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9453.D

Date : 25-AUG-2005 10:57

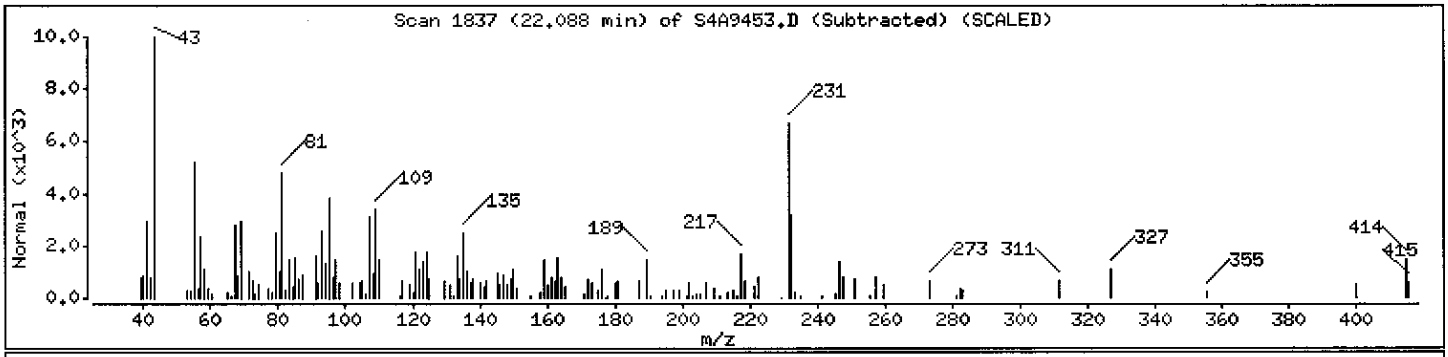
Client ID: SS02-S-0 Instrument: S4.i

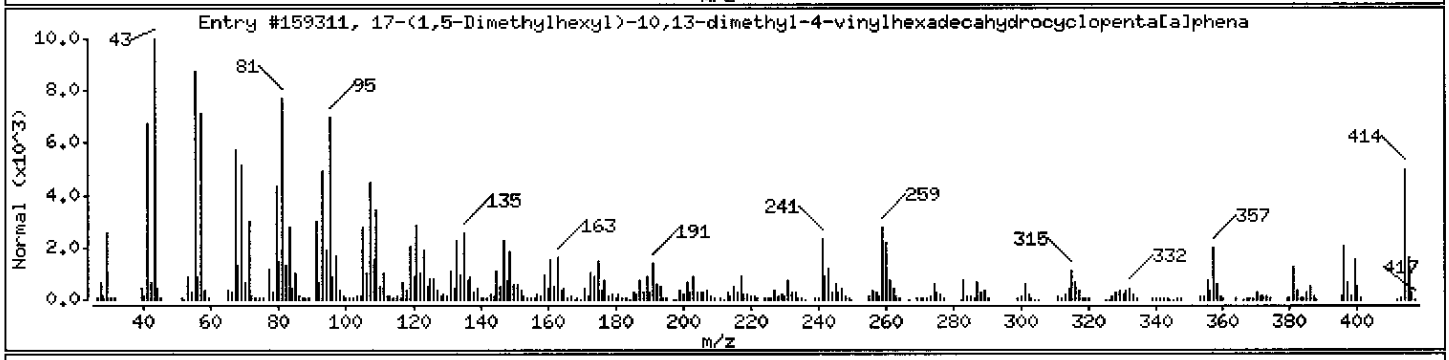
Sample Info: D0926-15A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
17-(1,5-Dimethylhexyl)-10,13-dimethyl-4-	1000210-86-9	NIST98.L	159311	41	C29H500	414





Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9453.D

Date : 25-AUG-2005 10:57

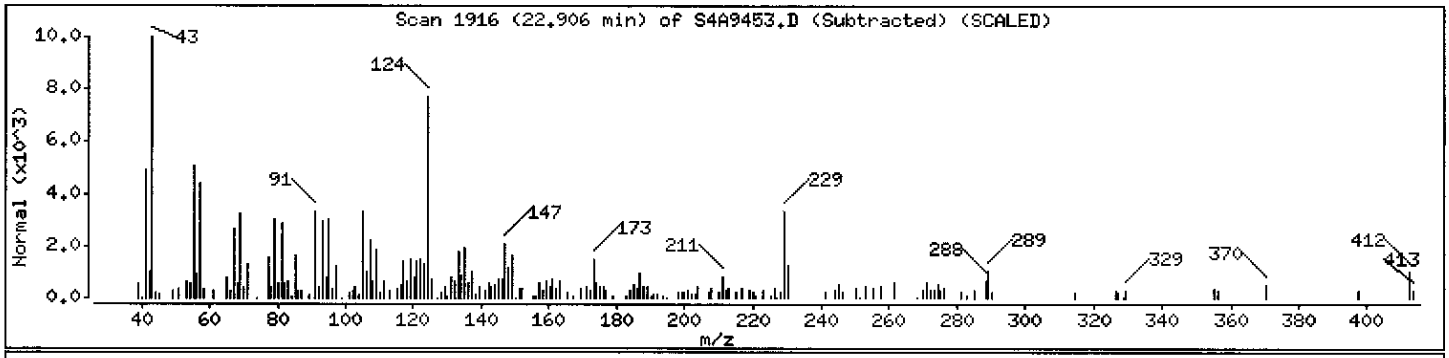
Client ID: SS02-S-0 Instrument: S4.i

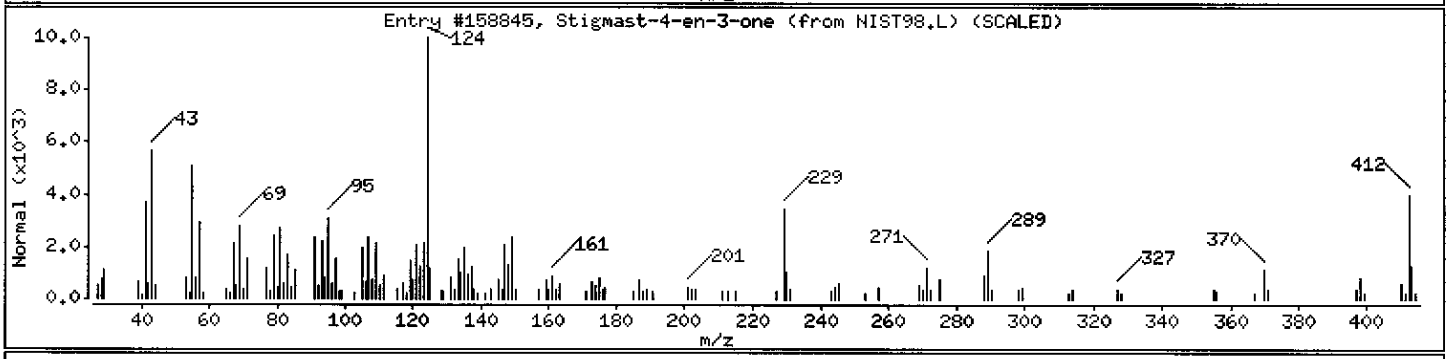
Sample Info: D0926-15A,,19468,,

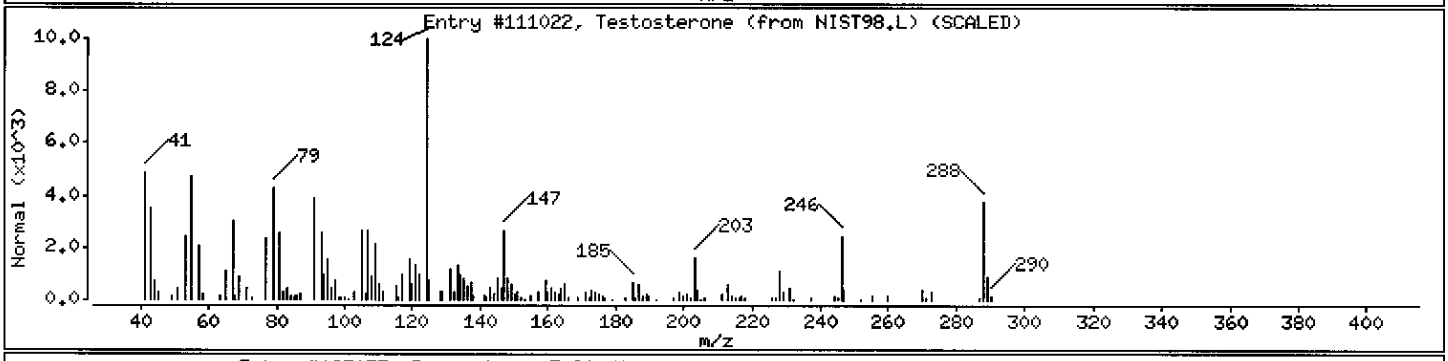
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

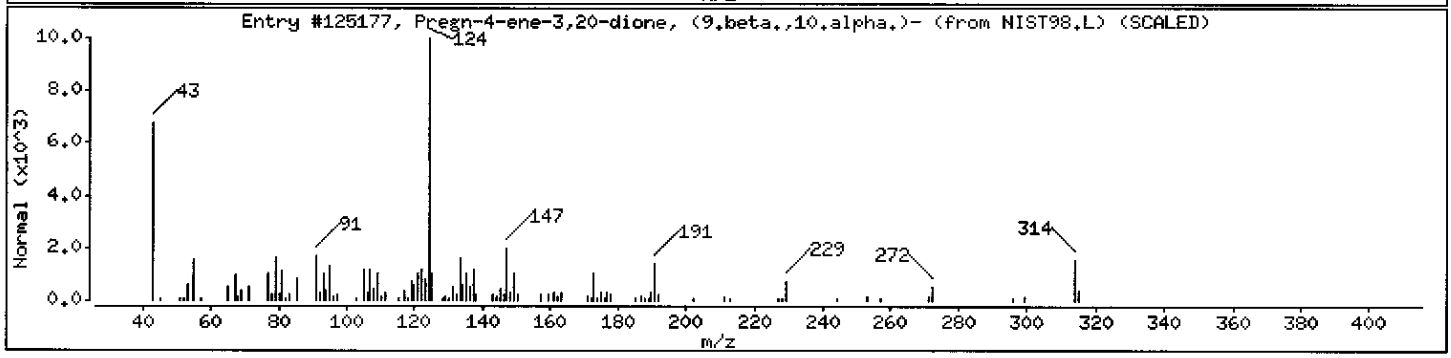
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Stigmast-4-en-3-one	1058-61-3	NIST98.L	158845	95	C29H480	412
Testosterone	58-22-0	NIST98.L	111022	83	C19H2802	288
Pregn-4-ene-3,20-dione, (9.beta.,10.alph	2755-10-4	NIST98.L	125177	70	C21H3002	314









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9453.D

Date : 25-AUG-2005 10:57

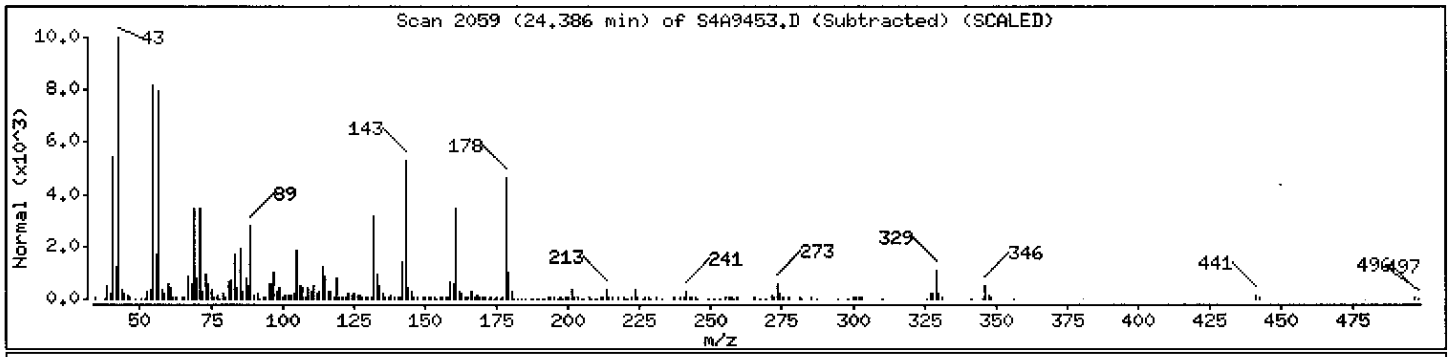
Client ID: SS02-S-0 Instrument: S4.i

Sample Info: D0926-15A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS03-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-16A

Sample wt/vol: 30.1(g/mL) G Lab File ID: S4A9439

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 14 Decanted: (Y/N)N Date Extracted: 08/12/05

Concentrated Extract Volume: 500(uL) Date Analyzed: 08/24/05

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.3 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	320	J
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	960	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	960	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	960	U
83-32-9	Acenaphthene	380	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS03-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-16A

Sample wt/vol: 30.1(g/mL) G Lab File ID: S4A9439

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 14 Decanted: (Y/N)N Date Extracted: 08/12/05

Concentrated Extract Volume: 500(uL) Date Analyzed: 08/24/05

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.3 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	960	U
100-02-7	4-Nitrophenol	960	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	960	U
534-52-1	4,6-Dinitro-2-methylphenol	960	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	960	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	67	J
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	76	JB
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

EPA SAMPLE NO.

SS03-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-16A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A9439

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

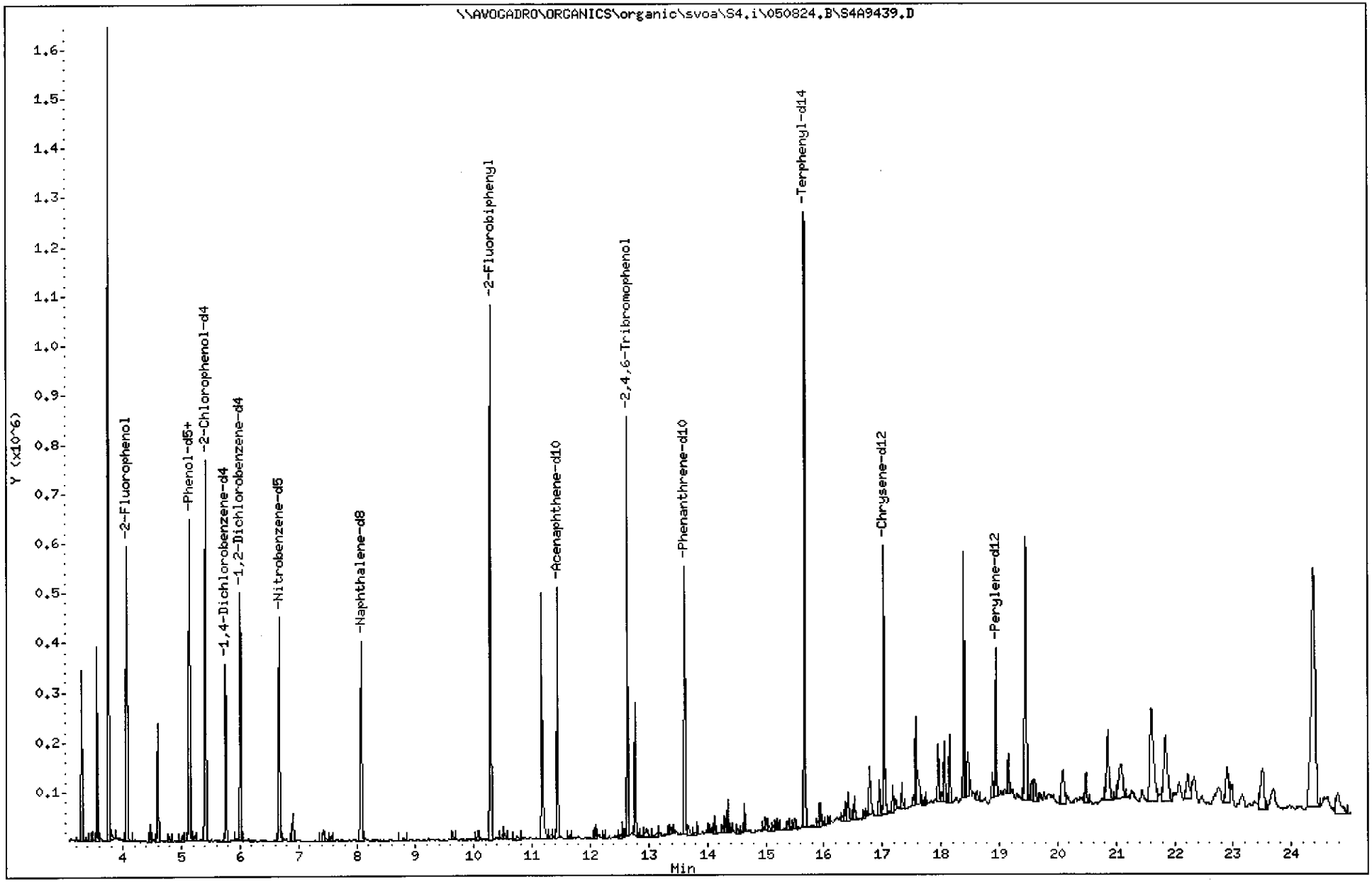
GPC Cleanup: (Y/N) Y pH: 6.3 Extraction: (Type) SONC

Number TICs found: 22

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	78-40-0	TRIETHYL PHOSPHATE	6.90	120	NJ
2.	112-53-8	1-DODECANOL	11.16	900	NJ
3.		UNKNOWN	15.94	87	J
4.	481-74-3	9,10-ANTHRACENEDIONE, 1,8-DI	16.41	89	NJ
5.		UNKNOWN	17.96	160	J
6.		UNKNOWN	18.02	78	J
7.	7683-64-9	SQUALENE	18.06	260	NJ
8.	7390-81-0	OXIRANE, HEXADECYL-	18.16	270	NJ
9.		UNKNOWN	18.46	350	J
10.	638-66-4	OCTADECANAL	19.16	210	NJ
11.	13360-61-7	1-PENTADECENE	19.56	180	NJ
12.		UNKNOWN	19.60	210	J
13.		UNKNOWN	20.09	370	J
14.	67860-04-2	OXIRANE, HEPTADECYL-	20.48	220	NJ
15.		UNKNOWN	21.09	560	J
16.	83-46-5	.BETA.-SITOSTEROL	21.59	1400	NJ
17.		UNKNOWN	21.84	880	J
18.		UNKNOWN	22.22	330	J
19.		UNKNOWN	22.90	420	J
20.		UNKNOWN	23.51	580	J
21.		UNKNOWN	24.38	3500	JB
22.		UNKNOWN	24.79	400	J
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9439.D
Date : 24-AUG-2005 22:14
Client ID: SS03-S-0
Instrument: S4.i
Sample Info: D0926-16A,,19468,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9439.D
Report Date: 31-Aug-2005 13:49

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9439.D
Lab Smp Id: D0926-16A Client Smp ID: SS03-S-O
Inj Date : 24-AUG-2005 22:14
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-16A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	14.000	% Moisture

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1	2-Fluorophenol	112	4.058	4.048	(0.705)	173001	97.0559	1900
	2	Benzaldehyde	77	5.124	5.124	(0.890)	8081	16.5973	320(a)
$	3	Phenol-d5	99	5.145	5.135	(0.894)	275620	108.215	2100
$	6	2-Chlorophenol-d4	132	5.414	5.414	(0.941)	222429	103.527	2000
*	8	1,4-Dichlorobenzene-d4	152	5.755	5.755	(1.000)	64095	40.0000	
$	9	1,2-Dichlorobenzene-d4	152	6.004	6.004	(1.043)	89743	60.3507	1200
$	16	Nitrobenzene-d5	82	6.677	6.677	(0.827)	209185	71.1185	1400
*	23	Naphthalene-d8	136	8.074	8.074	(1.000)	256282	40.0000	
$	33	2-Fluorobiphenyl	172	10.289	10.289	(0.900)	408606	86.3680	1700
*	41	Acenaphthene-d10	164	11.438	11.438	(1.000)	137698	40.0000	
$	53	2,4,6-Tribromophenol	330	12.638	12.628	(0.929)	94082	158.846	3100
*	58	Phenanthrene-d10	188	13.611	13.611	(1.000)	225391	40.0000	
	62	Di-n-butylphthalate	149	14.346	14.346	(1.054)	27748	3.47064	67(a)

Data File: S4A9439.D
Report Date: 31-Aug-2005 13:49

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$ 65 Terphenyl-d14	244	15.681	15.671	(0.921)	487122	103.257	2000
* 69 Chrysene-d12	240	17.027	17.027	(1.000)	187706	40.0000	
71 bis(2-Ethylhexyl)phthalate	149	16.954	16.954	(0.996)	19119	3.95139	76(a)
* 76 Perylene-d12	264	18.942	18.942	(1.000)	146446	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

08/31/05
KW

Data File: S4A9439.D
Report Date: 31-Aug-2005 13:49

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9439.D
Lab Smp Id: D0926-16A Client Smp ID: SS03-S-O
Inj Date : 24-AUG-2005 22:14
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-16A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	14.000	% Moisture

ISTD		RT	AREA	AMOUNT
* 8	1,4-Dichlorobenzene-d4	5.755	486198	40.000
* 41	Acenaphthene-d10	11.438	677080	40.000
* 58	Phenanthrene-d10	13.611	688400	40.000
* 69	Chrysene-d12	17.027	760467	40.000
* 76	Perylene-d12	18.942	464453	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9439.D
Report Date: 31-Aug-2005 13:49

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Triethyl phosphate					CAS #: 78-40-0		
6.904	74966	6.16752846	120	97	NIST98.L	44295	8
1-Dodecanol					CAS #: 112-53-8		
11.158	784429	46.3418798	900	91	NIST98.L	46850	41
Cyclic Alkane					CAS #:		
12.763	266244	15.4703080	300	0		0	58
Unknown					CAS #:		
15.940	85743	4.51001819	87	0		0	69
9,10-Anthracenedione, 1,8-dihydroxy-3-me					CAS #: 481-74-3		
16.406	87217	4.58754949	89	98	NIST98.L	90695	69
Straight-Chain Alkane					CAS #:		
16.779	186263	9.79729561	190	0		0	69
Straight-Chain Alkane					CAS #:		
17.565	209174	11.0023972	210	0		0	69
Cyclic Alkane					CAS #:		
17.596	226898	11.9346665	230	0		0	69
Unknown					CAS #:		
17.958	157821	8.30126751	160	0		0	69
Unknown					CAS #:		
18.021	46712	4.02296895	78	0		0	76
Squalene					CAS #: 7683-64-9		
18.062	157391	13.5549560	260	91	NIST98.L	158503	76
Oxirane, hexadecyl-					CAS #: 7390-81-0		
18.155	159480	13.7348666	270	95	NIST98.L	99459	76
Straight-Chain Alkane					CAS #:		
18.403	676798	58.2877492	1100	0		0	76
Unknown					CAS #:		
18.455	212562	18.3064379	350	0		0	76
Straight-Chain Alkane					CAS #:		
18.890	77089	6.63912172	130	0		0	76

Data File: S4A9439.D
Report Date: 31-Aug-2005 13:49

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Octadecanal					CAS #: 638-66-4		
19.159	123425	10.6297085	210	91	NIST98.L	99447	76
Straight-Chain Alkane					CAS #:		
19.449	987140	85.0152760	1600	0		0	76
1-Pentadecene					CAS #: 13360-61-7		
19.563	110461	9.51321232	180	91	NIST98.L	63049	76
Unknown					CAS #:		
19.604	124121	10.6896500	210	0		0	76
Unknown					CAS #:		
20.091	225277	19.4014895	370	0		0	76
Oxirane, heptadecyl-					CAS #: 67860-04-2		
20.484	131496	11.3248057	220	89	NIST98.L	107629	76
Straight-Chain Alkane					CAS #:		
20.856	456368	39.3036970	760	0		0	76
Unknown					CAS #:		
21.095	338157	29.1230329	560	0		0	76
.beta.-Sitosterol					CAS #: 83-46-5		
21.591	868639	74.8096363	1400	95	NIST98.L	159283	76
Unknown					CAS #:		
21.840	529054	45.5636200	880	0		0	76
Unknown					CAS #:		
22.223	200816	17.2948393	330	0		0	76
Unknown					CAS #:		
22.895	253790	21.8571093	420	0		0	76
Unknown					CAS #:		
23.506	345887	29.7887623	580	0		0	76
Unknown					CAS #:		
24.376	2106006	181.375166	3500	0		0	76
Unknown					CAS #:		
24.790	238218	20.5160048	400	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9439.D

Date : 24-AUG-2005 22:14

Client ID: SS03-S-0

Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

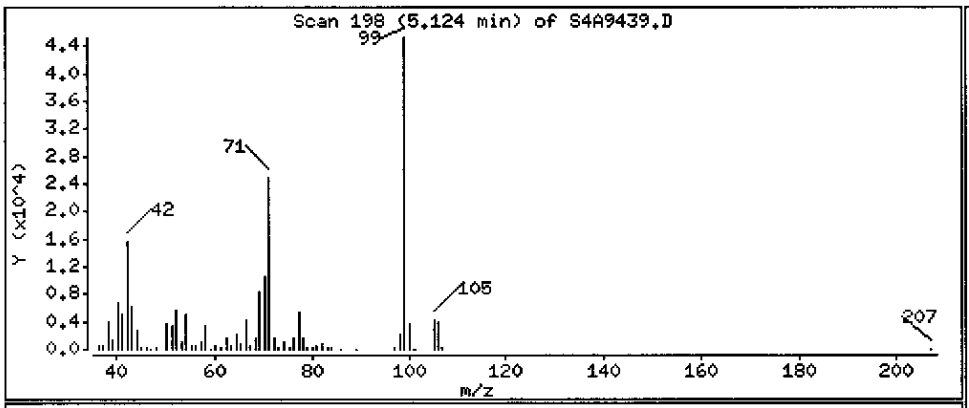
Column phase: DB-5MS

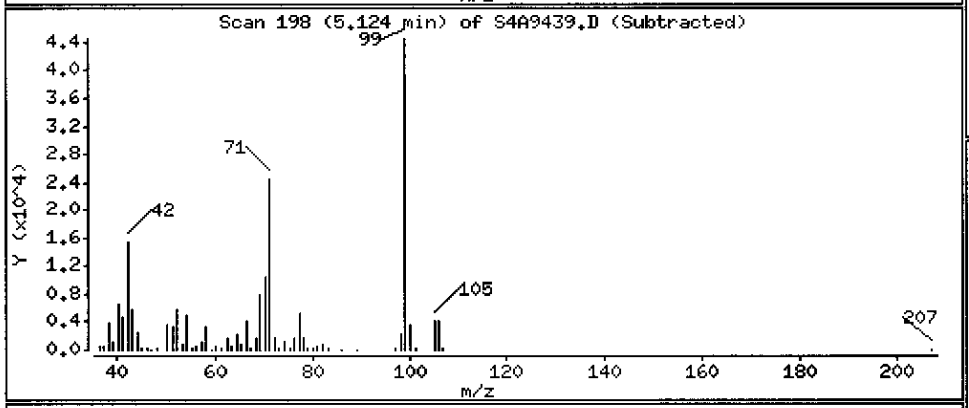
Column diameter: 0.25

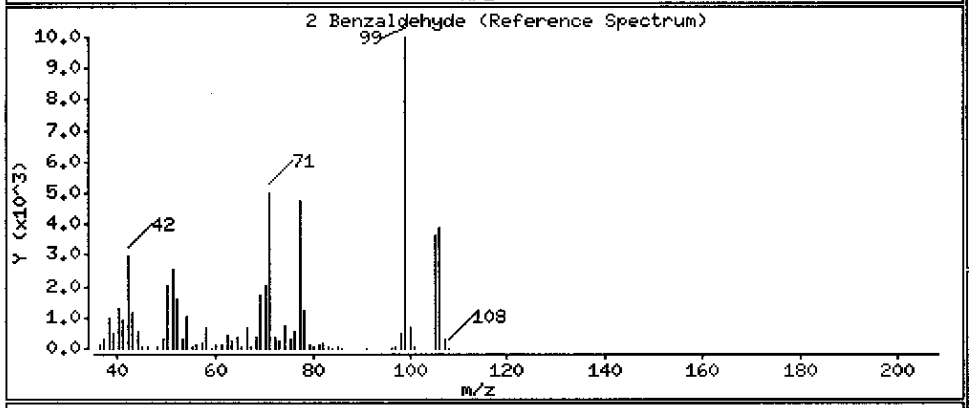
2 Benzaldehyde

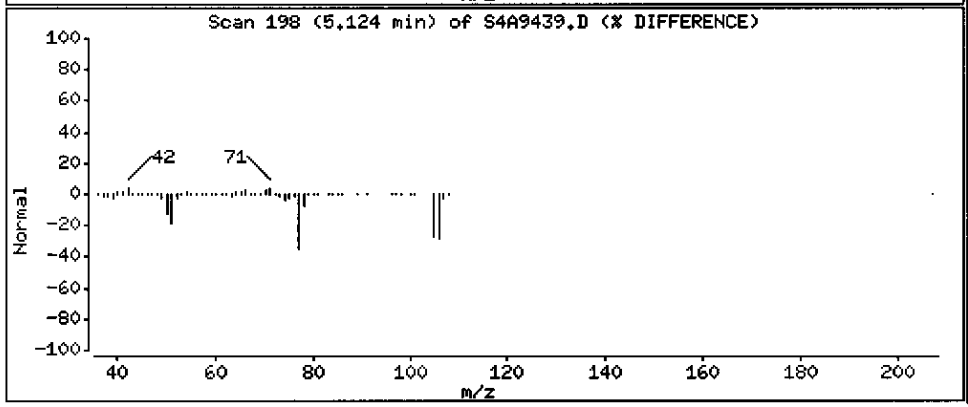
Concentration: 320 ug/Kg

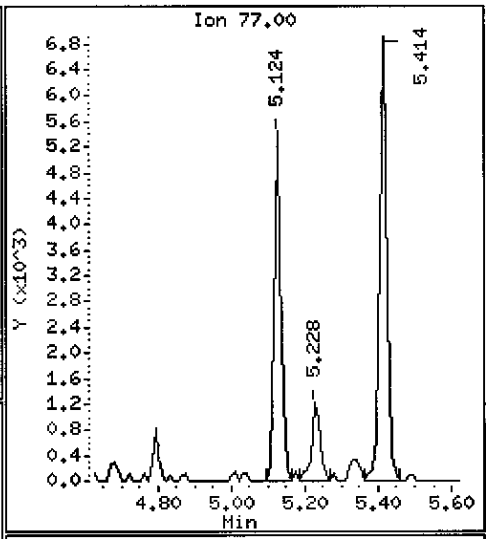
coalute w/ SS.

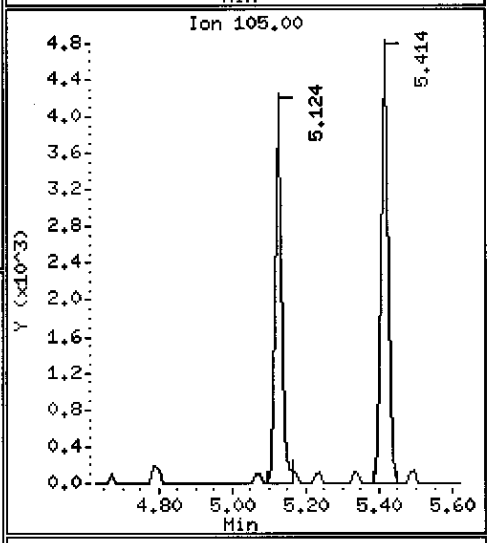


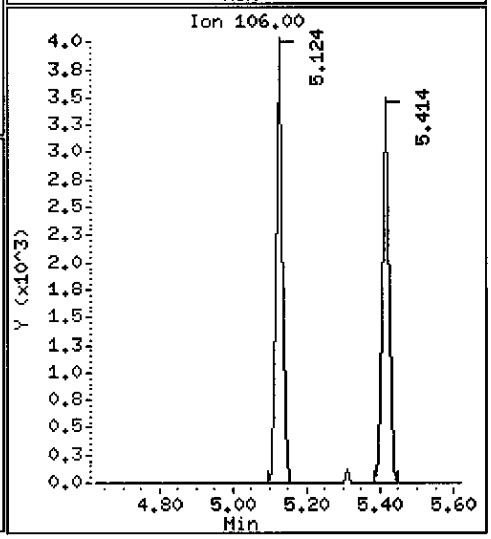












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Date : 24-AUG-2005 22:14

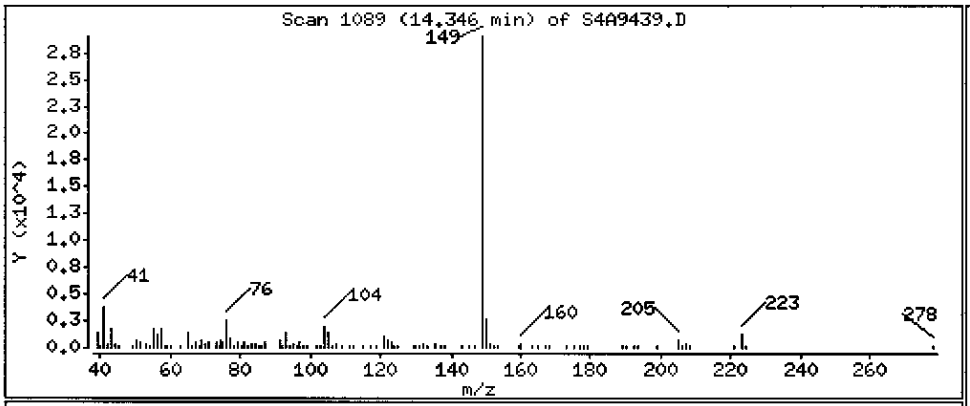
Client ID: SS03-S-0 Instrument: S4.i

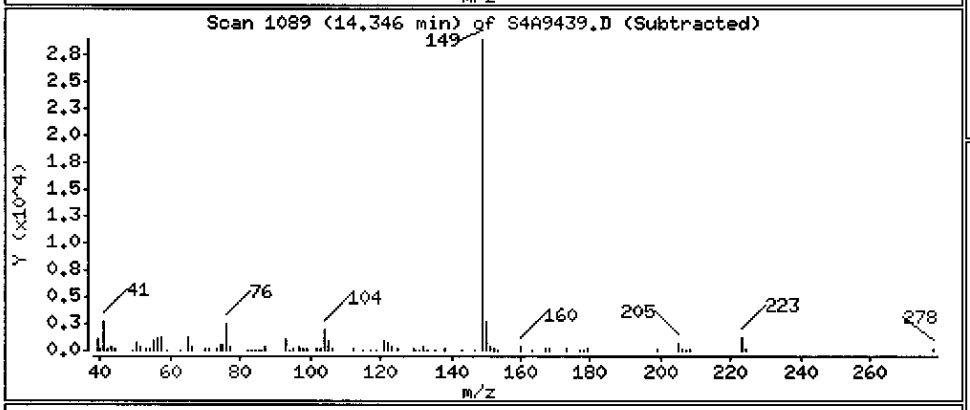
Sample Info: D0926-16A,,19468,,

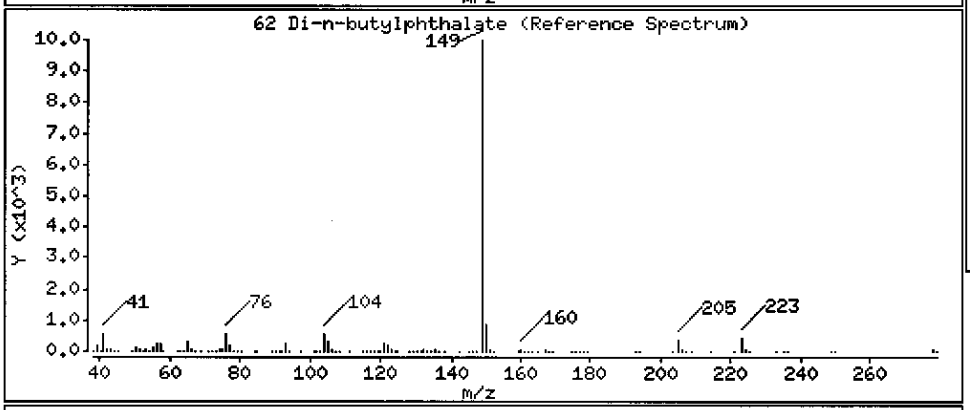
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

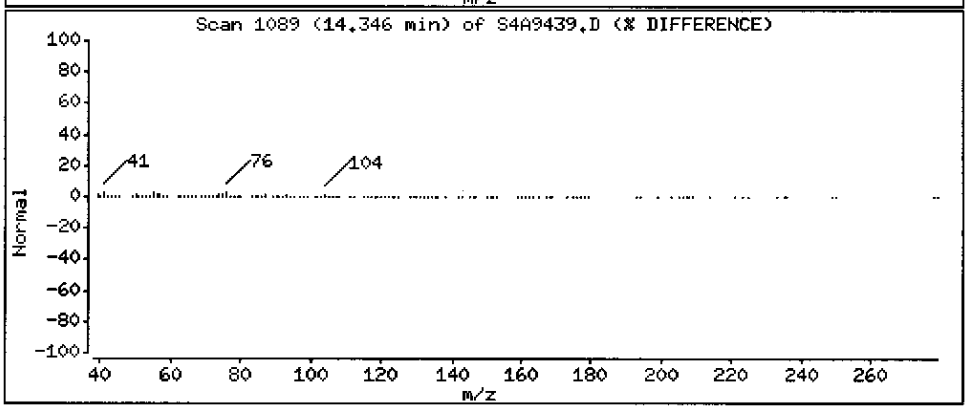
Column phase: DB-5MS Column diameter: 0.25

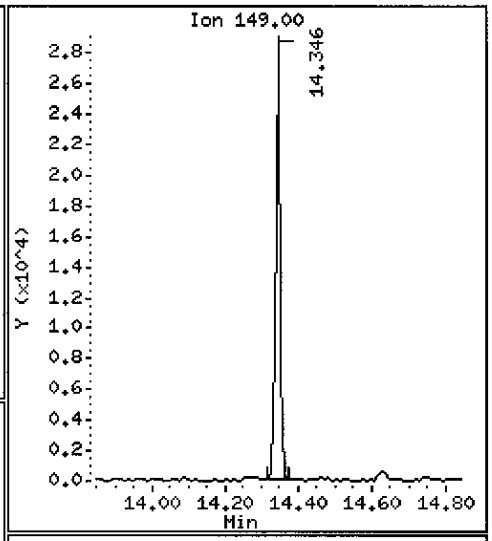
62 Di-n-butylphthalate Concentration: 67 ug/Kg

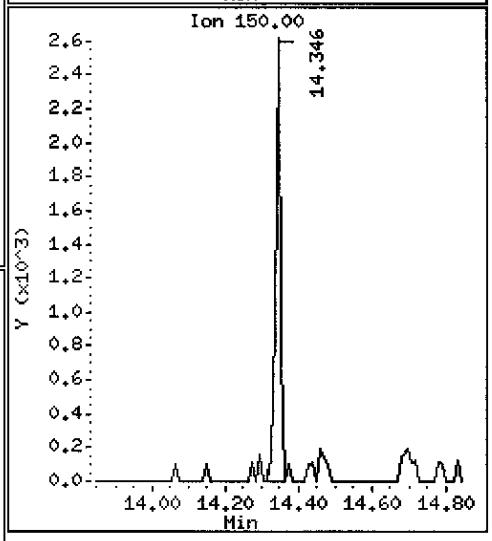












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9439.D

Date : 24-AUG-2005 22:14

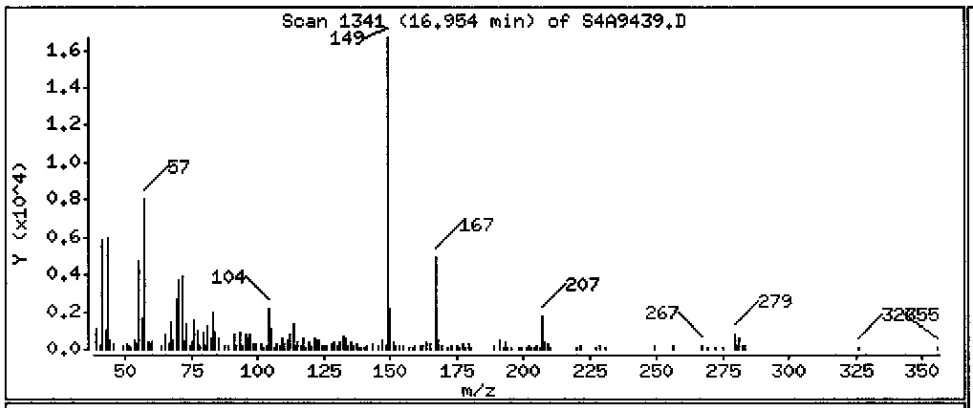
Client ID: SS03-S-0 Instrument: S4.i

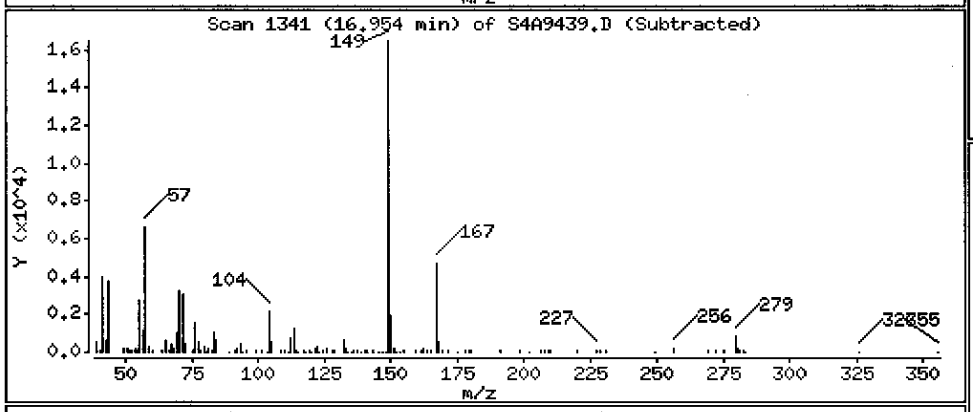
Sample Info: D0926-16A,,19468,,

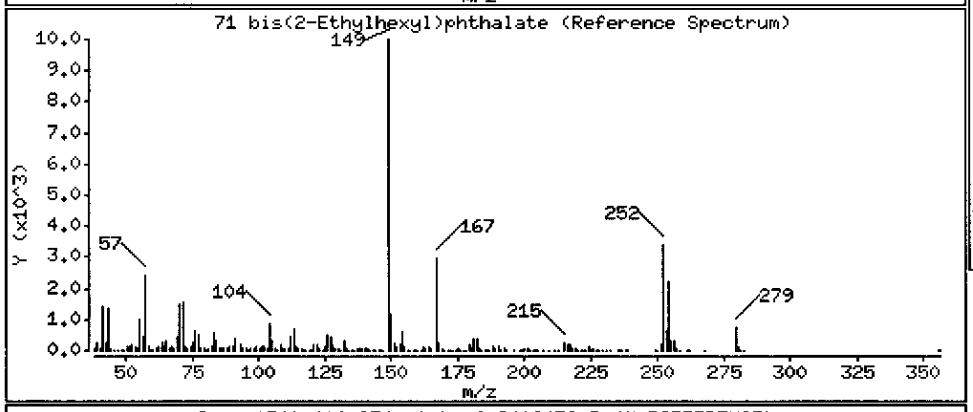
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

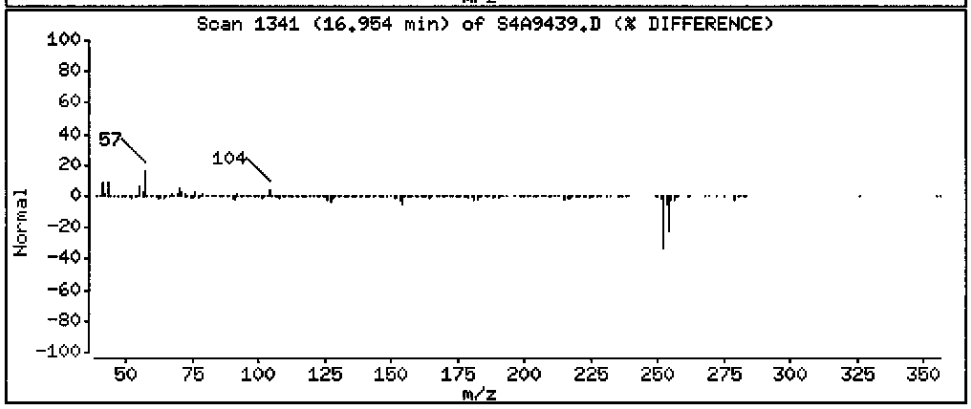
Column phase: DB-5MS Column diameter: 0.25

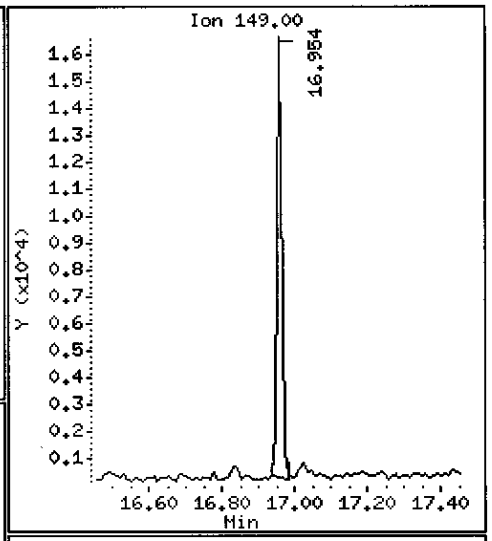
71 bis(2-Ethylhexyl)phthalate Concentration: 76 ug/Kg

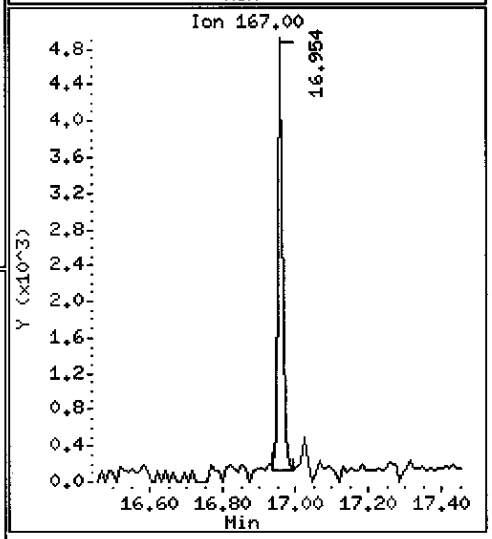












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9439.D

Date : 24-AUG-2005 22:14

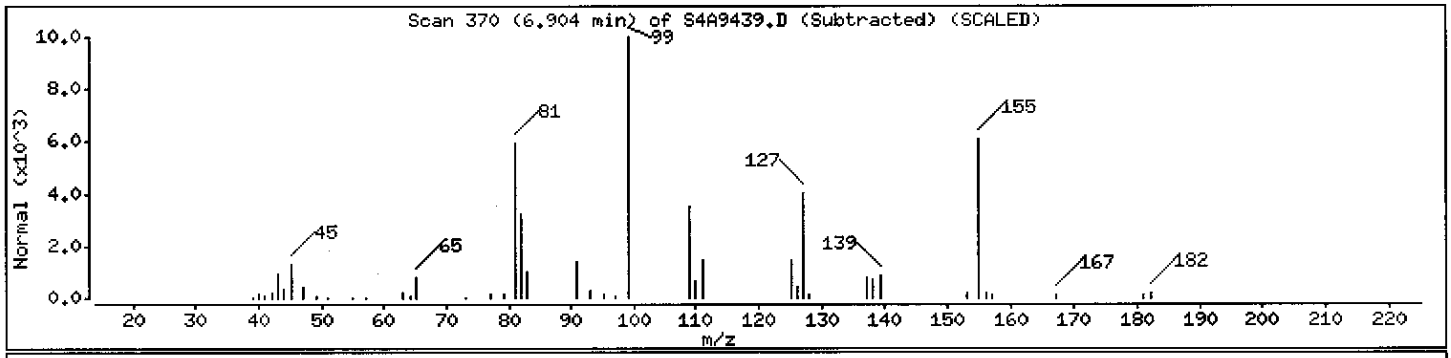
Client ID: SS03-S-0 Instrument: S4.i

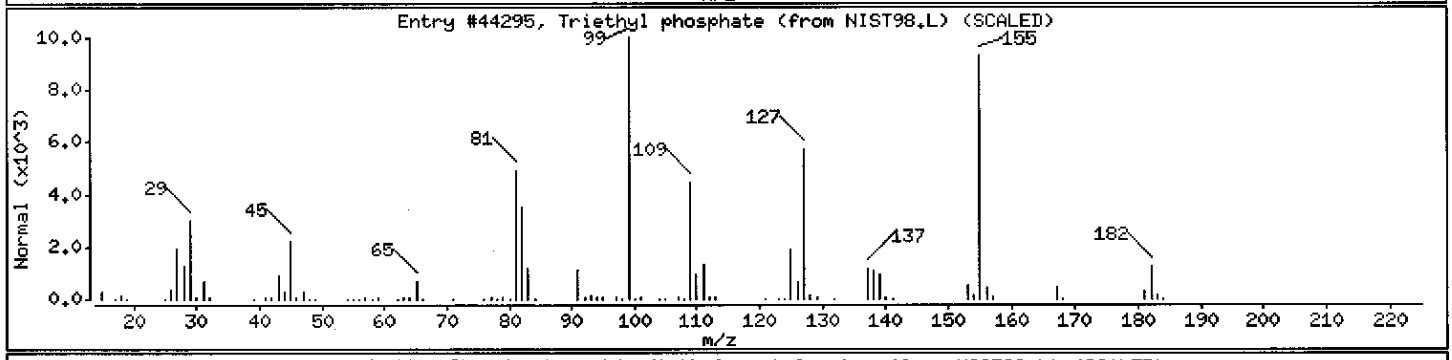
Sample Info: D0926-16A,,19468,,

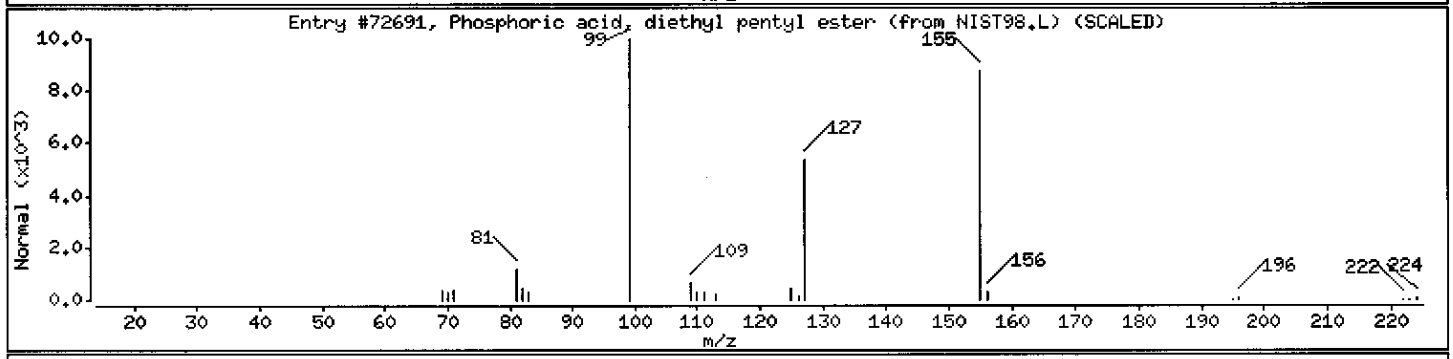
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Triethyl phosphate	78-40-0	NIST98.L	44295	97	C6H15O4P	182
Phosphoric acid, diethyl pentyl ester	20195-08-8	NIST98.L	72691	45	C9H21O4P	224







Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9439.D

Date : 24-AUG-2005 22:14

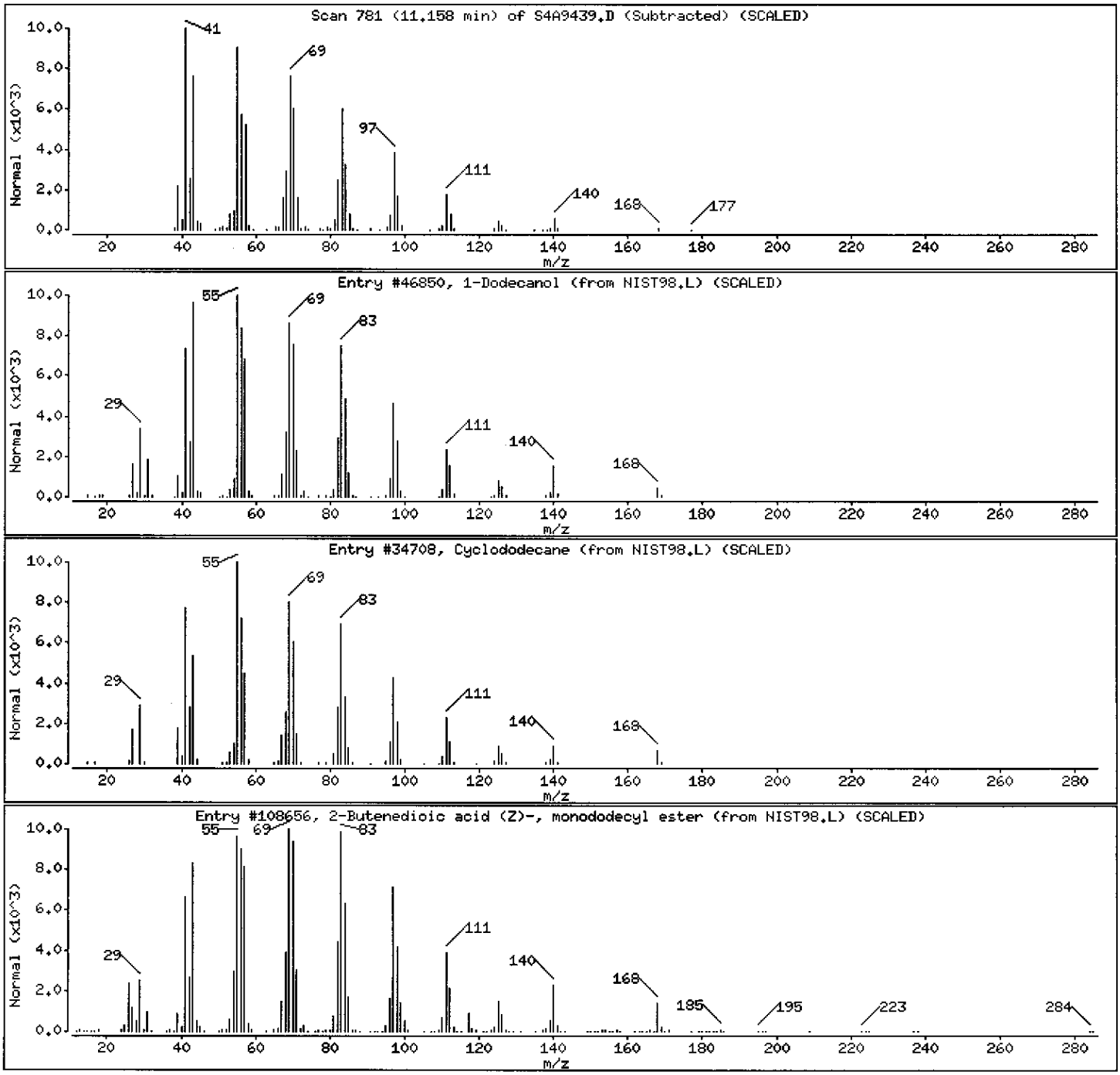
Client ID: SS03-S-0 Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Dodecanol	112-53-8	NIST98.L	46850	91	C12H26O	186
Cyclododecane	294-62-2	NIST98.L	34708	91	C12H24	168
2-Butenedioic acid (Z)-, monododecyl est	2424-61-5	NIST98.L	108656	91	C16H28O4	284



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Date : 24-AUG-2005 22:14

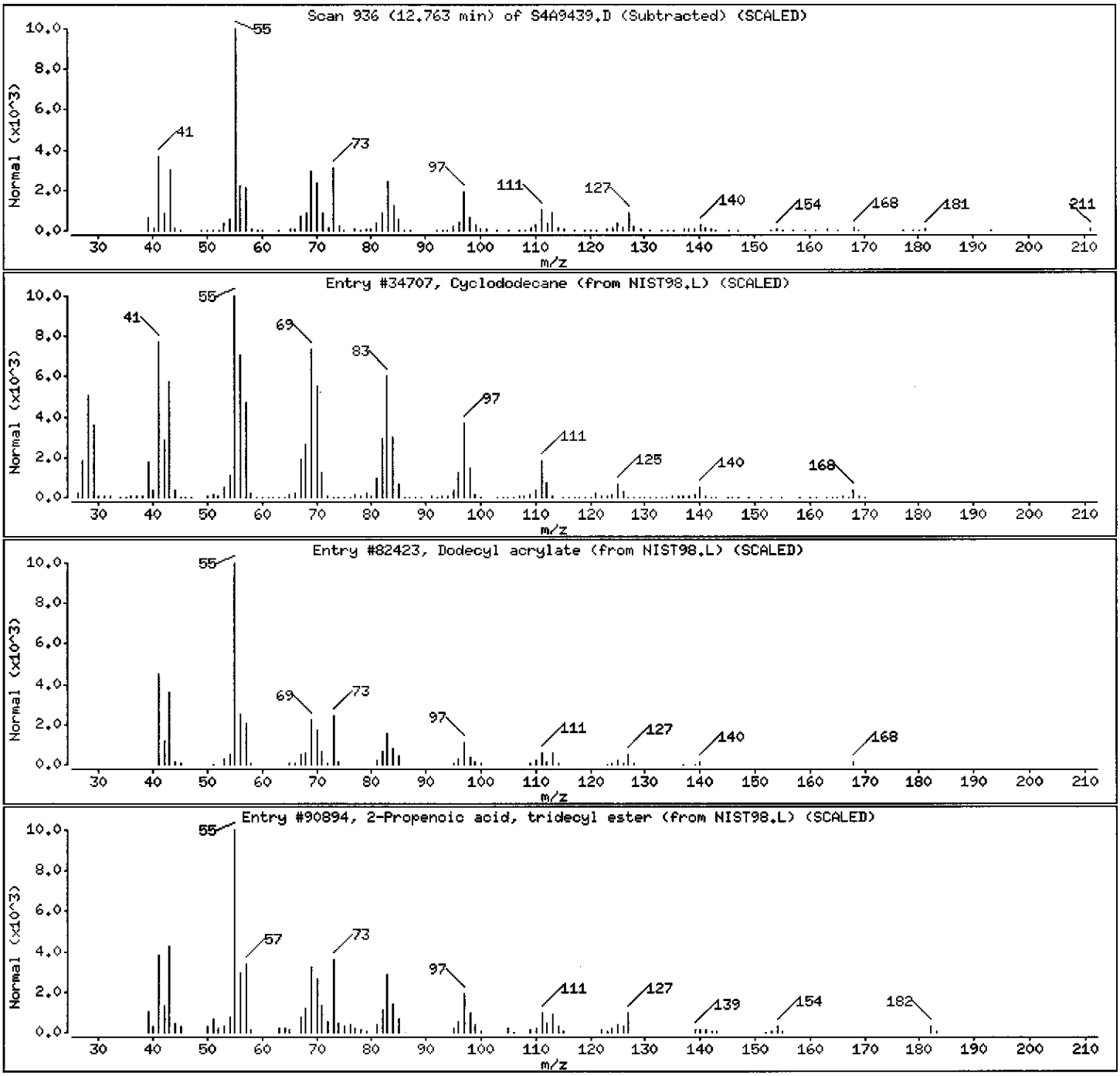
Client ID: SS03-S-0 Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34707	92	C12H24	168
Dodecyl acrylate	2156-97-0	NIST98.L	82423	91	C15H28O2	240
2-Propenoic acid, tridecyl ester	3076-04-8	NIST98.L	90894	83	C16H30O2	254



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Date : 24-AUG-2005 22:14

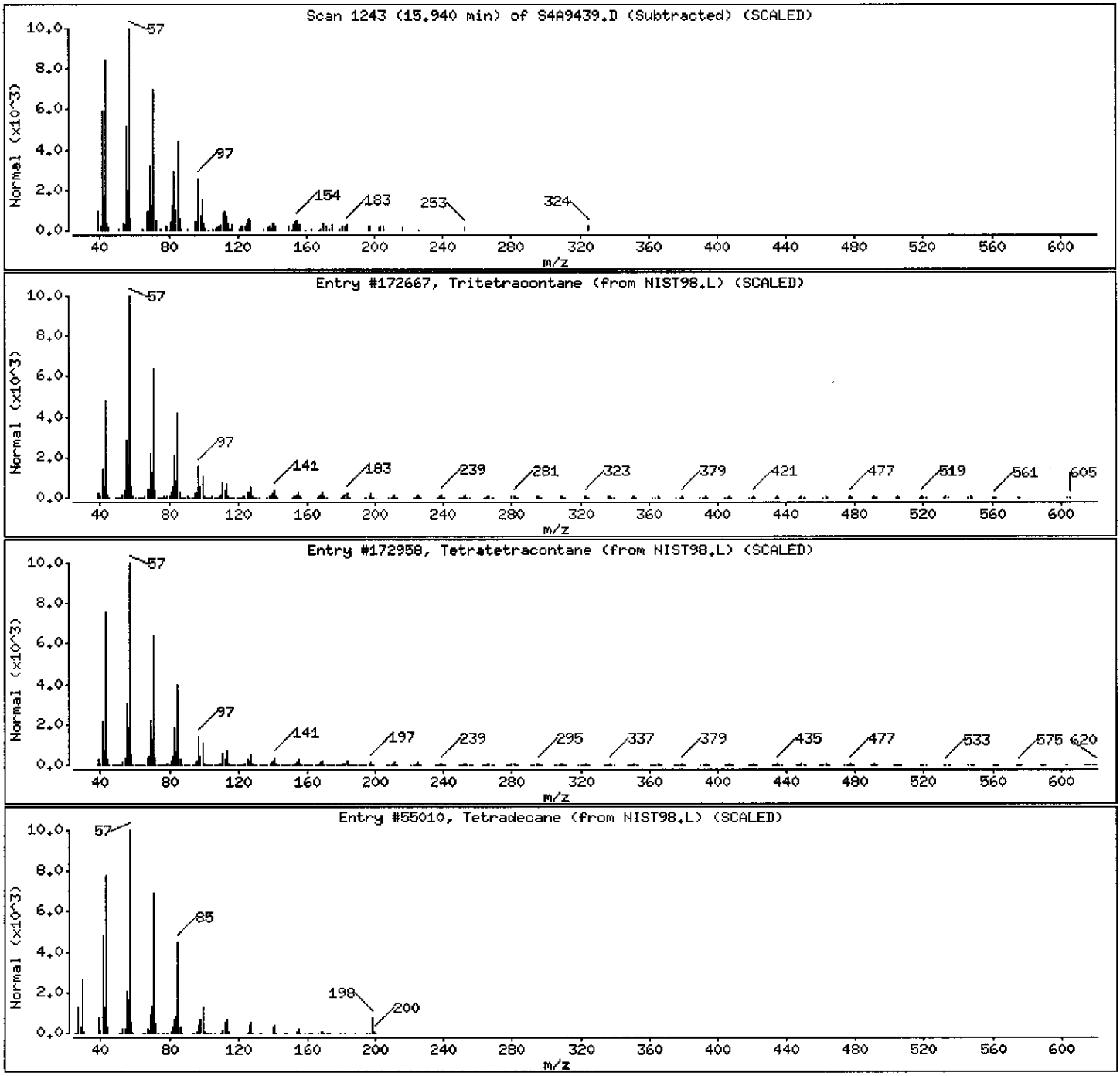
Client ID: SS03-S-O Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Tritetracontane	7098-21-7	NIST98.L	172667	83	C43H88	605
Tetratetracontane	7098-22-8	NIST98.L	172958	74	C44H90	619
Tetradecane	629-59-4	NIST98.L	55010	74	C14H30	198



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Date : 24-AUG-2005 22:14

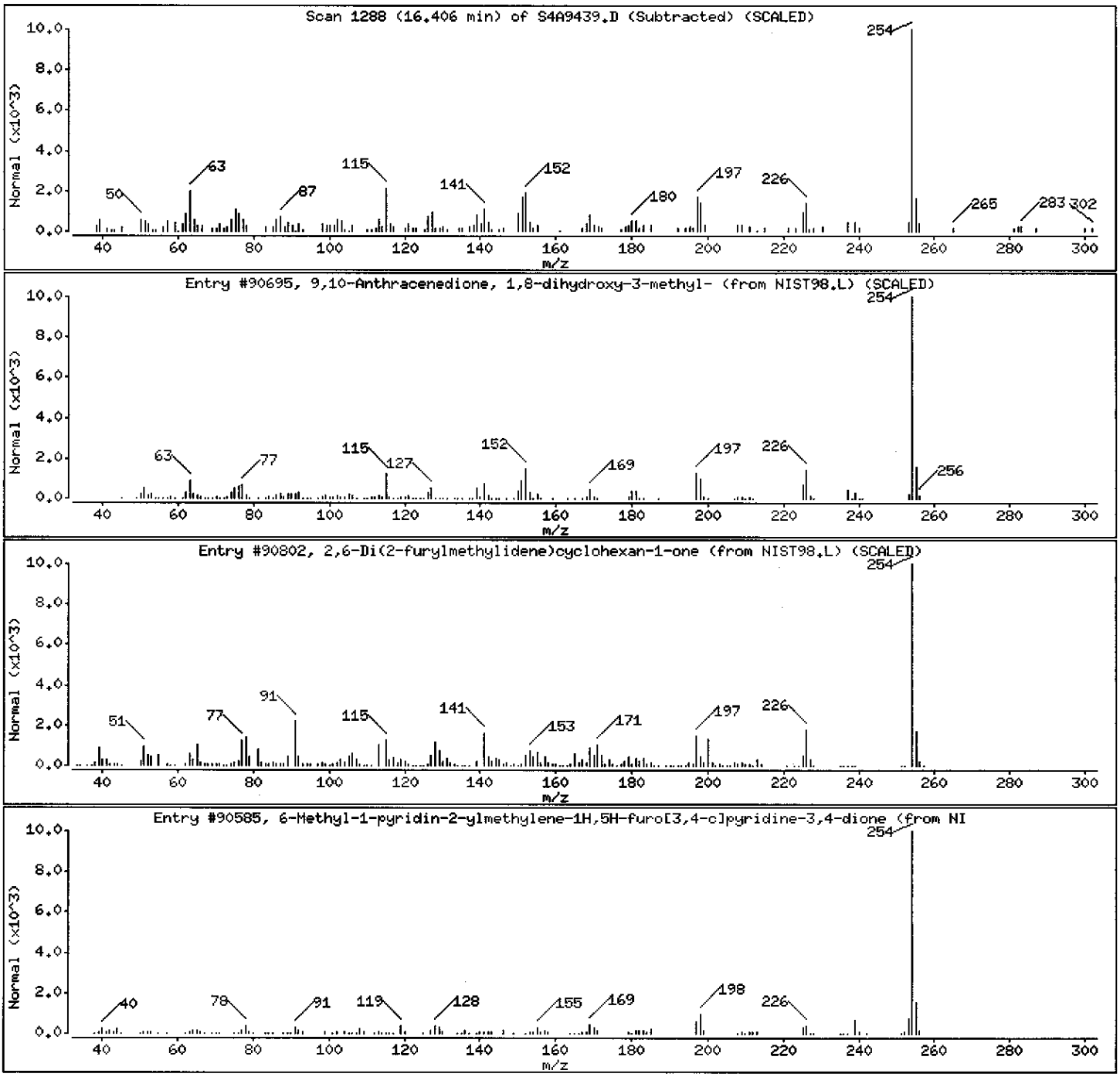
Client ID: SS03-S-0 Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
9,10-Anthracenedione, 1,8-dihydroxy-3-me	481-74-3	NIST98.L	90695	98	C15H1004	254
2,6-Di(2-furylmethylidene)cyclohexan-1-o	893-00-5	NIST98.L	90802	62	C16H1403	254
6-Methyl-1-pyridin-2-ylmethylene-1H,5H-f	1000274-64-8	NIST98.L	90585	58	C14H10N203	254



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Date : 24-AUG-2005 22:14

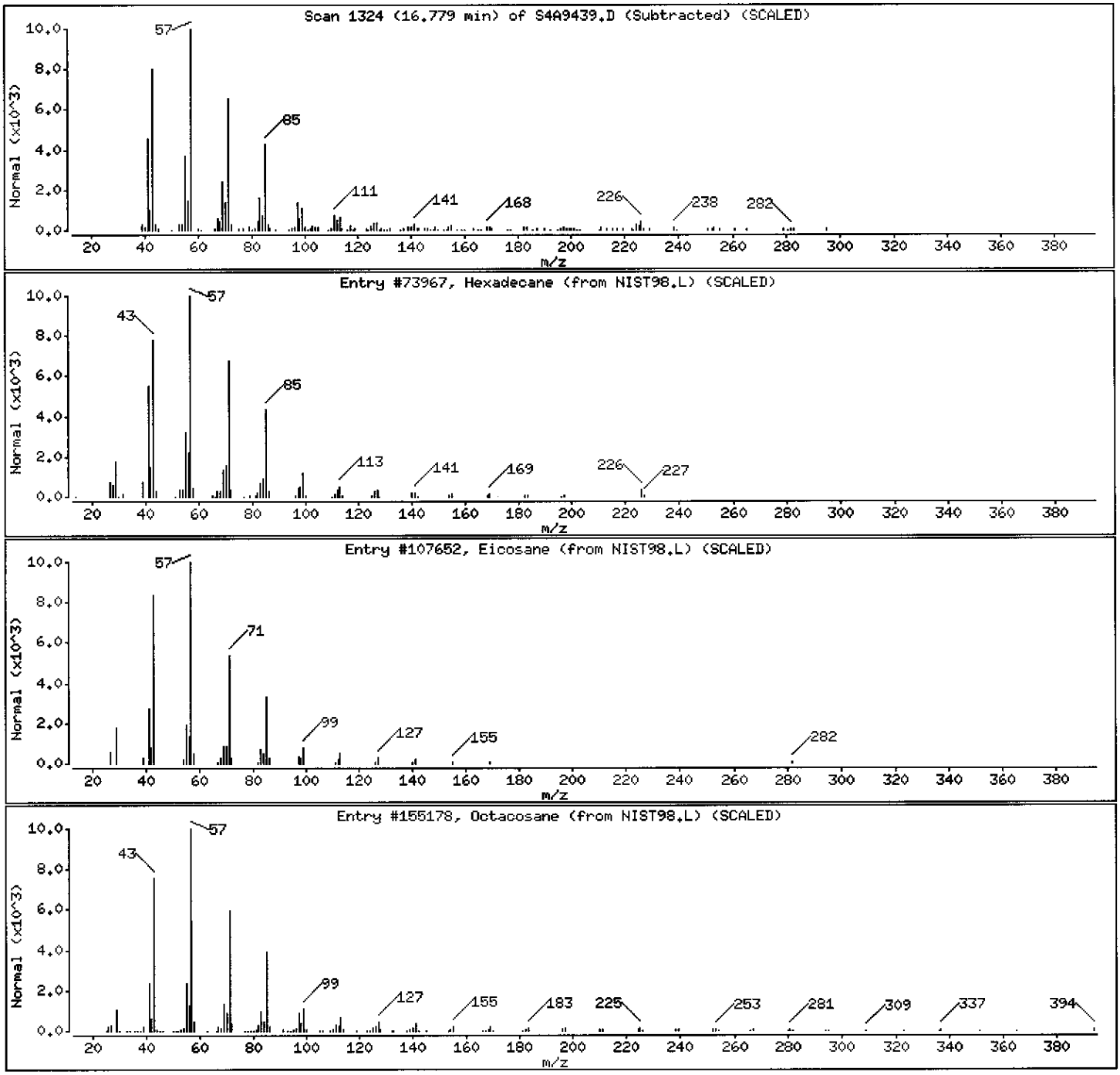
Client ID: SS03-S-0 Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Hexadecane	544-76-3	NIST98.L	73967	96	C16H34	226
Eicosane	112-95-8	NIST98.L	107652	96	C20H42	282
Octacosane	630-02-4	NIST98.L	155178	90	C28H58	394



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Date : 24-AUG-2005 22:14

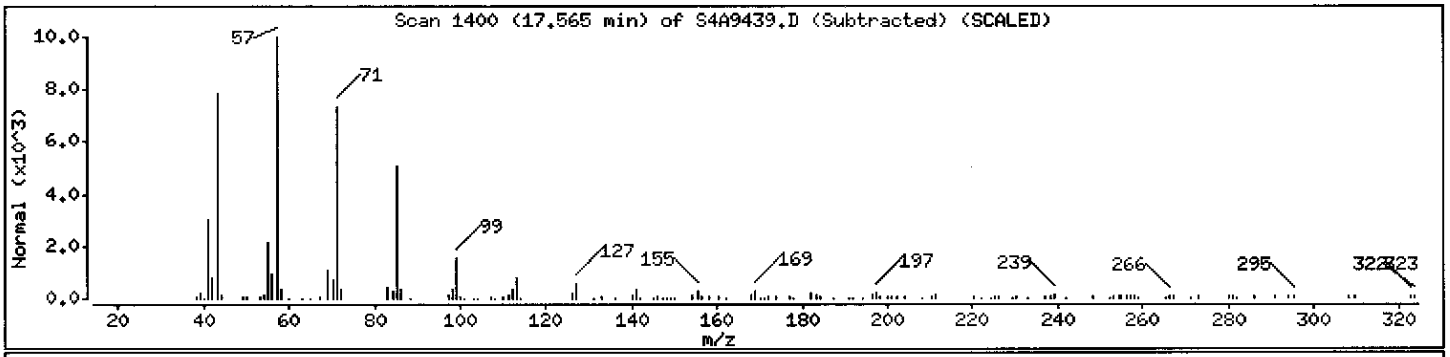
Client ID: SS03-S-0 Instrument: S4.i

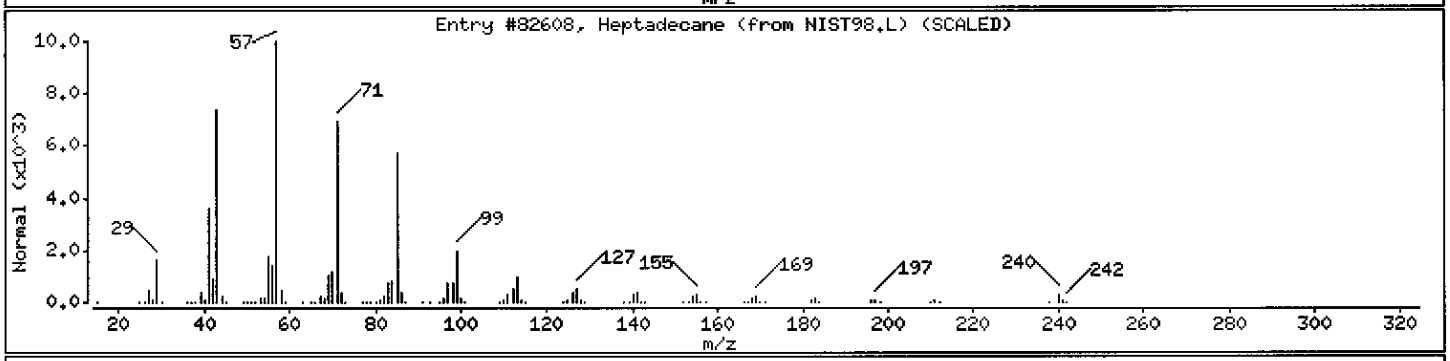
Sample Info: D0926-16A,,19468,,

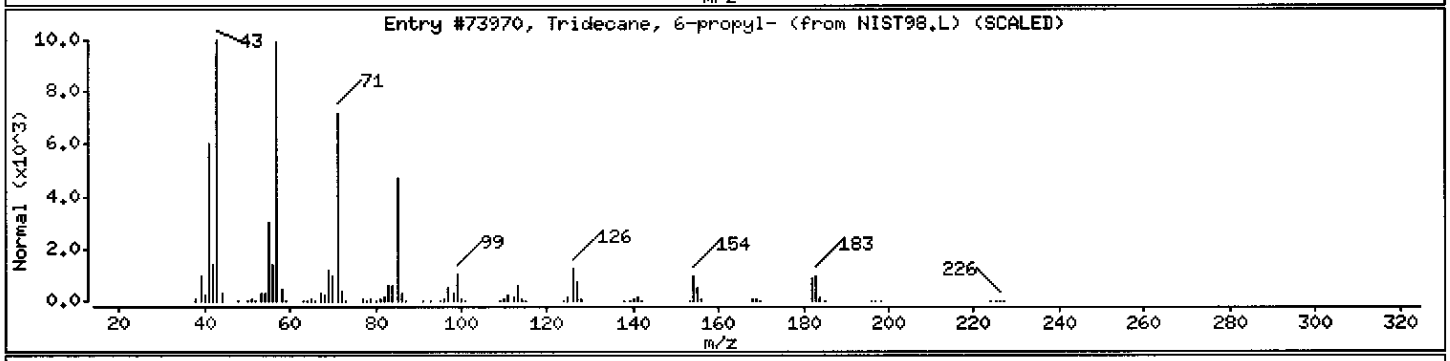
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

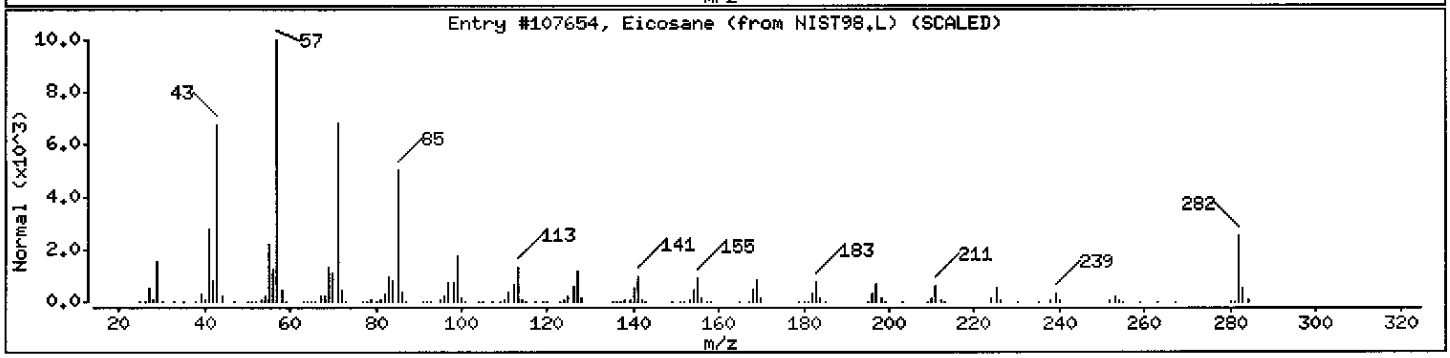
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Heptadecane	629-78-7	NIST98.L	82608	91	C17H36	240
Tridecane, 6-propyl-	55045-10-8	NIST98.L	73970	90	C16H34	226
Eicosane	112-95-8	NIST98.L	107654	90	C20H42	282









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Date : 24-AUG-2005 22:14

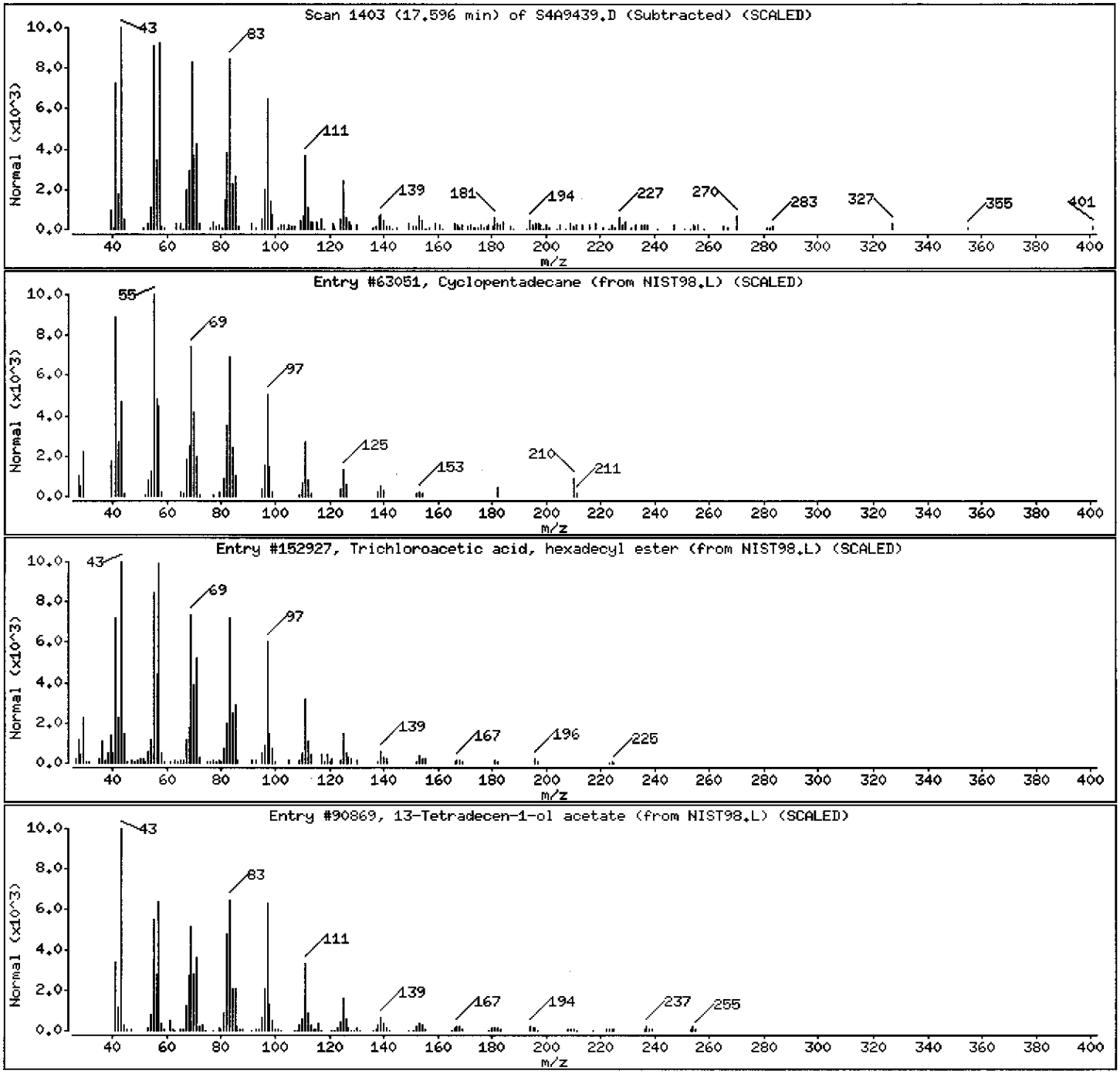
Client ID: SS03-S-0 Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclopentadecane	295-48-7	NIST98.L	63051	96	C15H30	210
Trichloroacetic acid, hexadecyl ester	74339-54-1	NIST98.L	152927	93	C18H33Cl3O2	386
13-Tetradecen-1-ol acetate	56221-91-1	NIST98.L	90869	93	C16H30O2	254



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Date : 24-AUG-2005 22:14

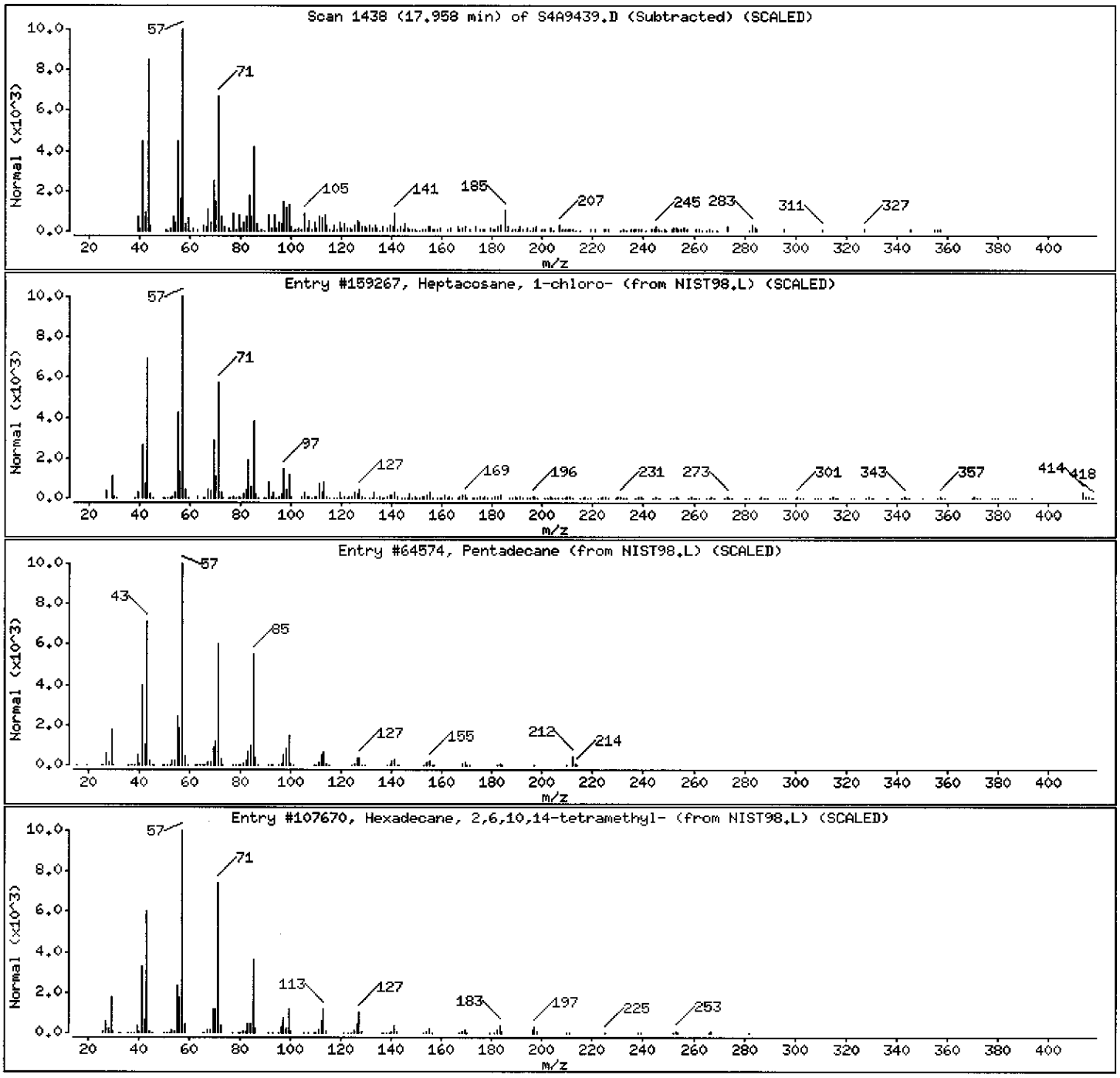
Client ID: SS03-S-0 Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Heptacosane, 1-chloro-	62016-79-9	NIST98.L	159267	81	C27H55Cl	414
Pentadecane	629-62-9	NIST98.L	64574	76	C15H32	212
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST98.L	107670	76	C20H42	282



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Date : 24-AUG-2005 22:14

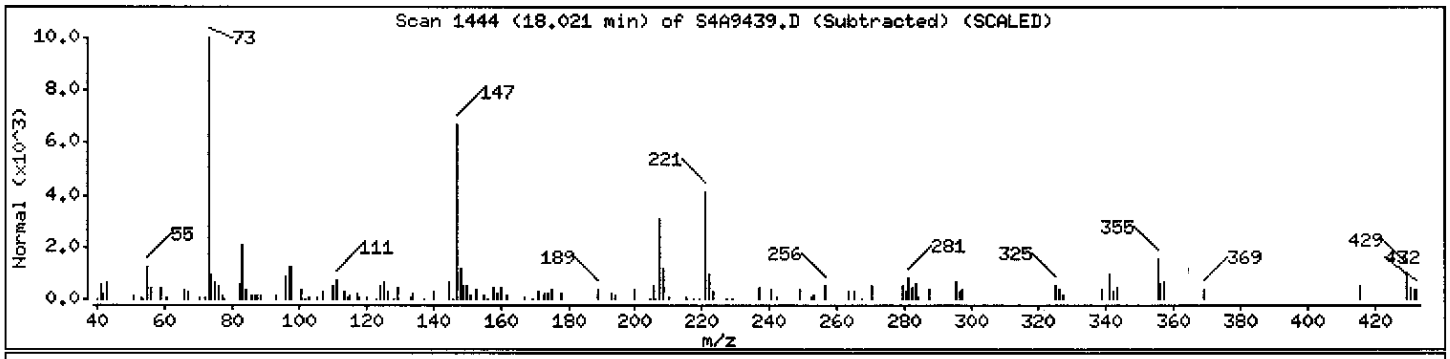
Client ID: SS03-S-0 Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 24-AUG-2005 22:14

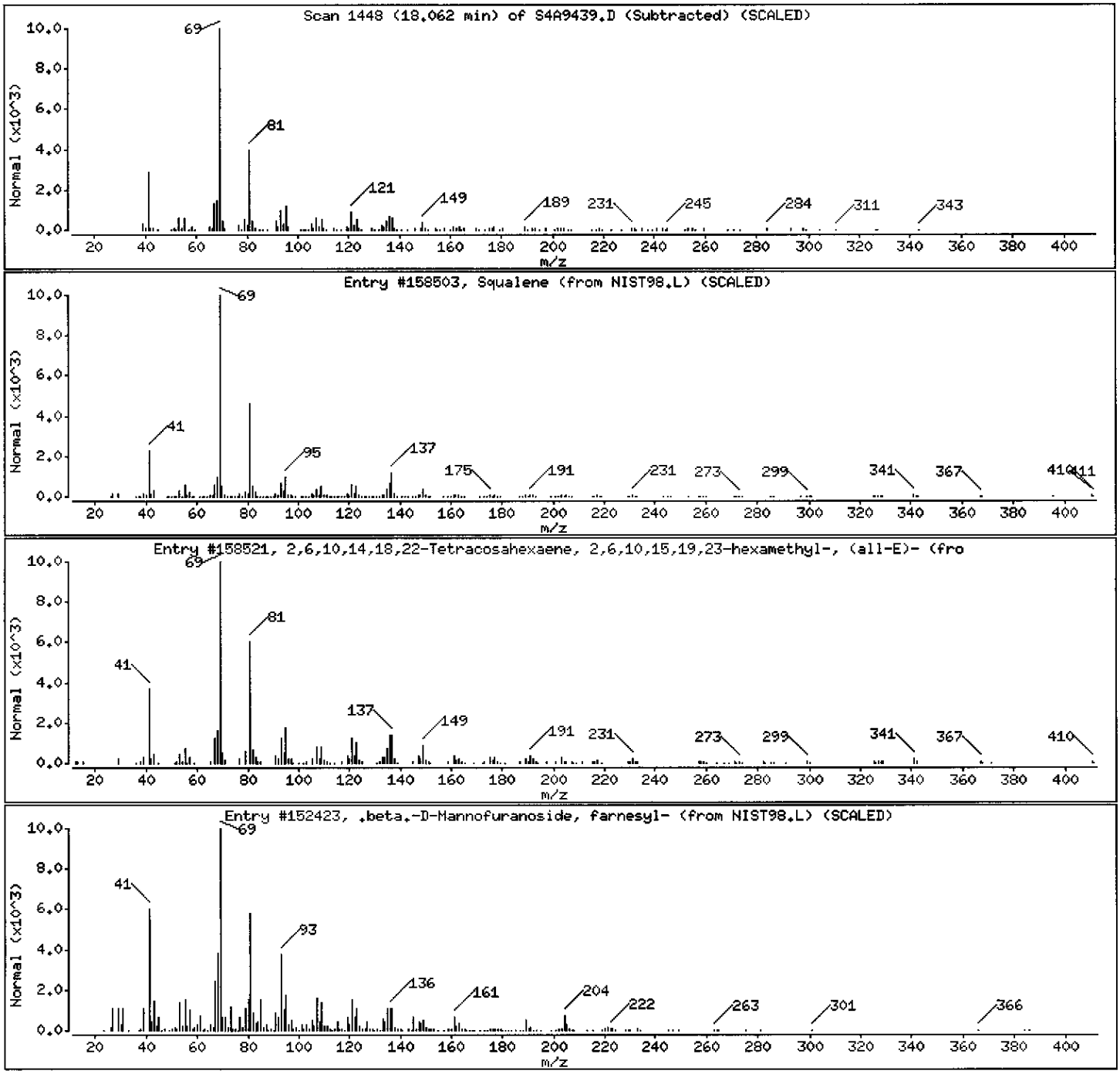
Client ID: SS03-S-0 Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Squalene	7683-64-9	NIST98.L	158503	91	C30H50	410
2,6,10,14,18,22-Tetracosahexaene, 2,6,10	111-02-4	NIST98.L	158521	83	C30H50	410
.beta.-D-Mannofuranoside, farnesyl-	1000155-15-5	NIST98.L	152423	78	C21H3606	384



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Date : 24-AUG-2005 22:14

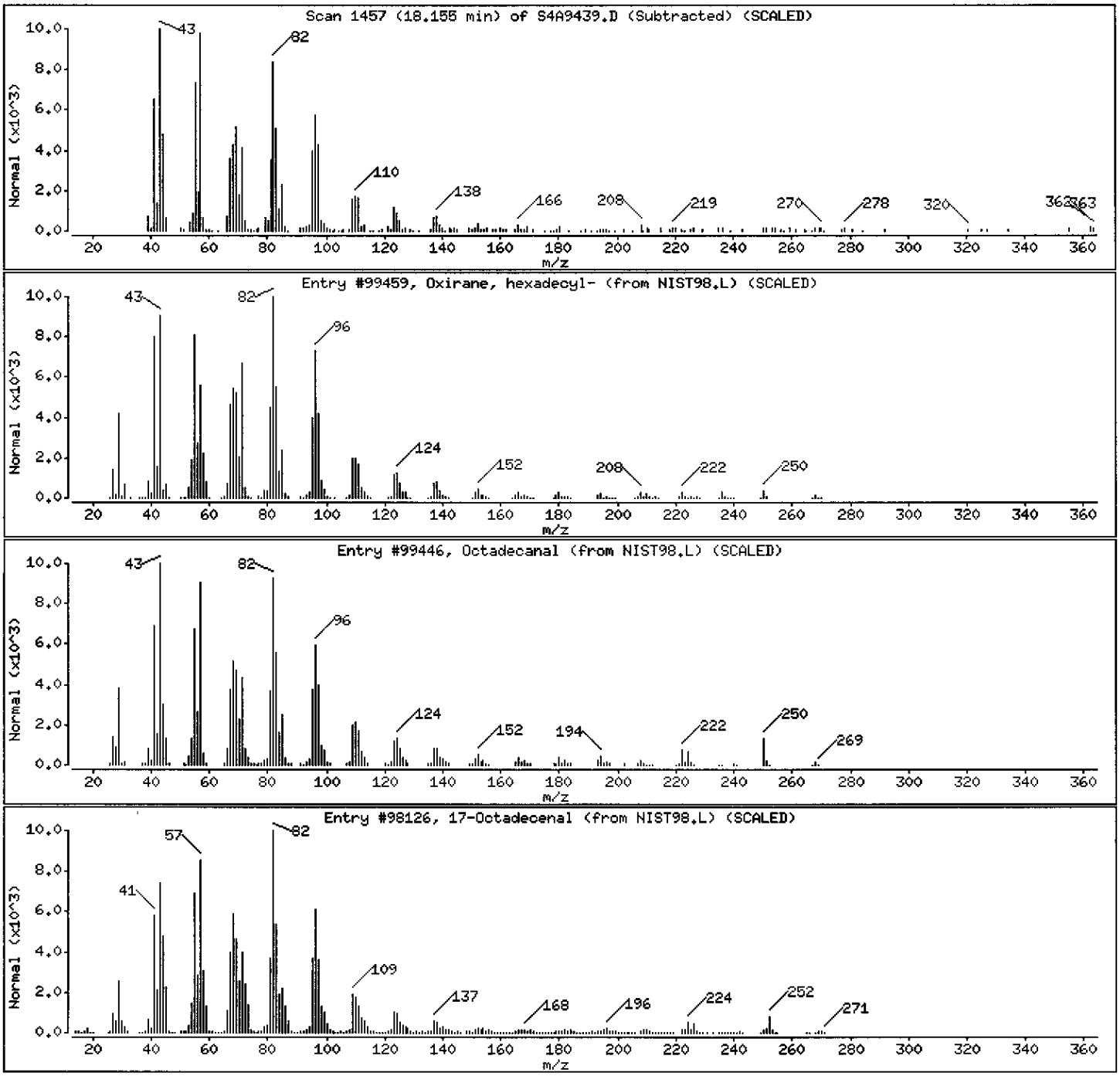
Client ID: SS03-S-0 Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Oxirane, hexadecyl-	7390-81-0	NIST98.L	99459	95	C18H360	268
Octadecanal	638-66-4	NIST98.L	99446	94	C18H360	268
17-Octadecenal	56554-86-0	NIST98.L	98126	91	C18H340	266



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Date : 24-AUG-2005 22:14

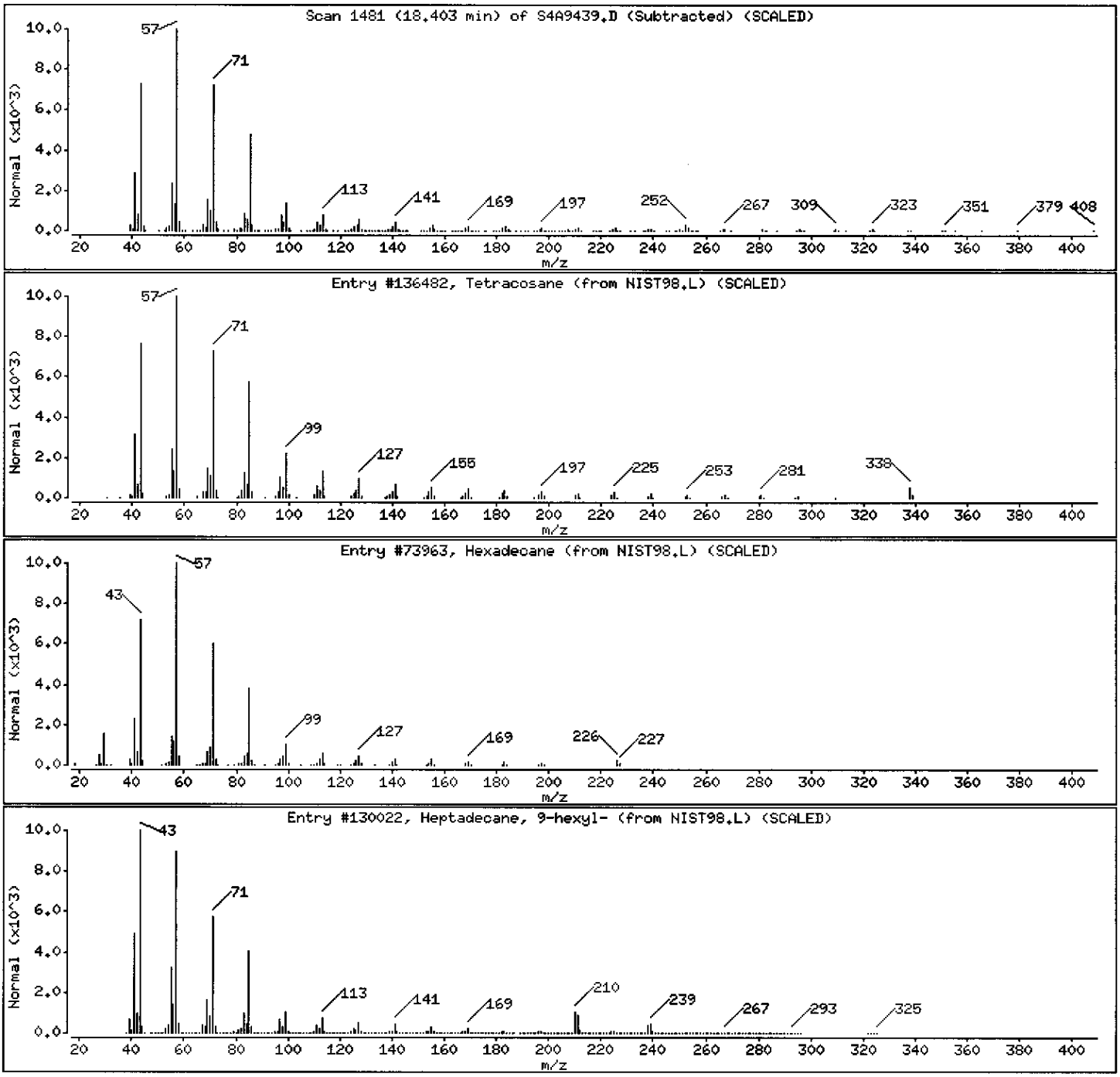
Client ID: SS03-S-0 Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Tetracosane	646-31-1	NIST98.L	136482	97	C24H50	338
Hexadecane	544-76-3	NIST98.L	73963	96	C16H34	226
Heptadecane, 9-hexyl-	55124-79-3	NIST98.L	130022	94	C23H48	324



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Date : 24-AUG-2005 22:14

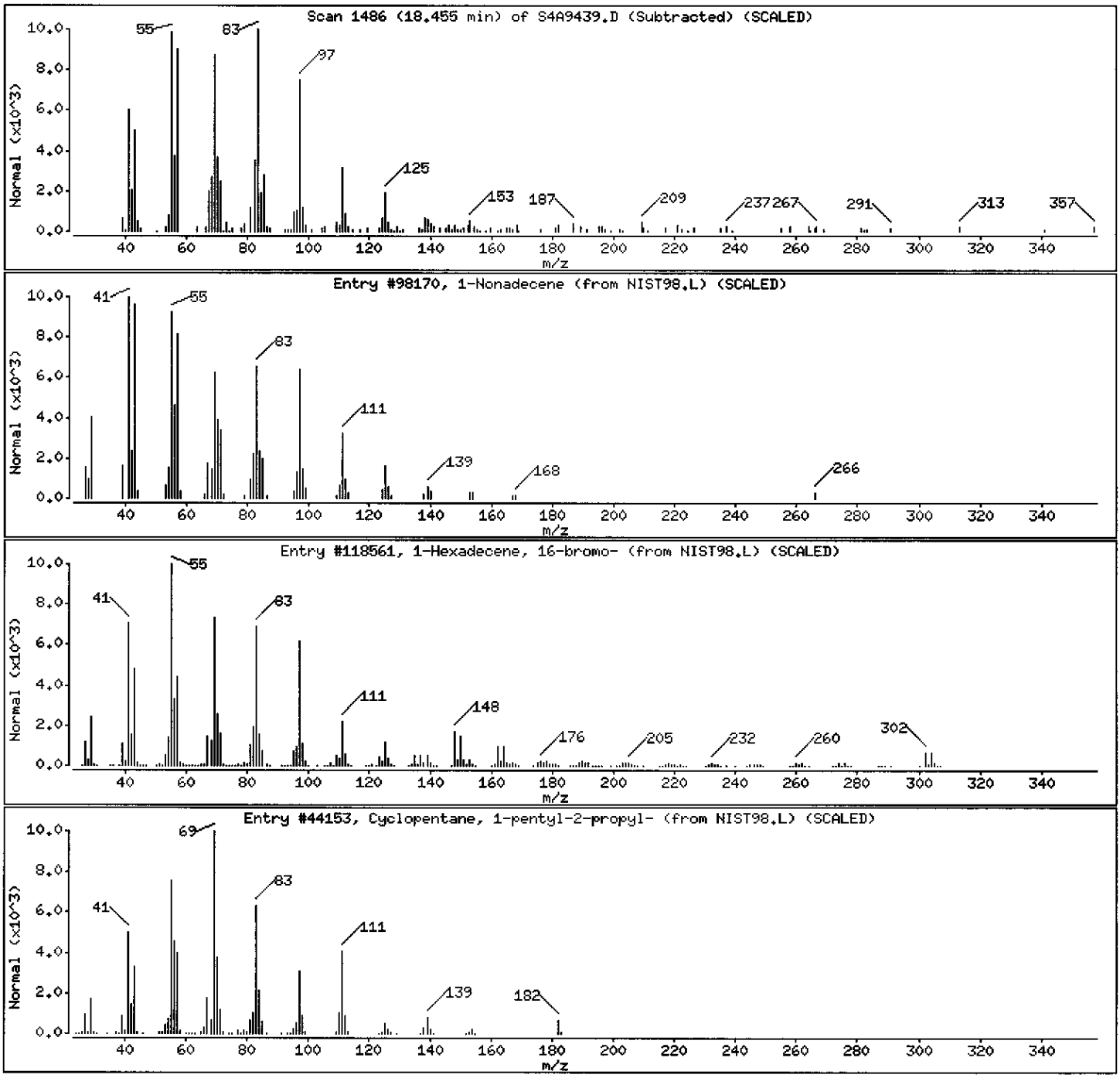
Client ID: SS03-S-0 Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Nonadecene	18435-45-5	NIST98.L	98170	83	C19H38	266
1-Hexadecene, 16-bromo-	118625-56-2	NIST98.L	118561	80	C16H31Br	302
Cyclopentane, 1-pentyl-2-propyl-	62199-51-3	NIST98.L	44153	60	C13H26	182



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Date : 24-AUG-2005 22:14

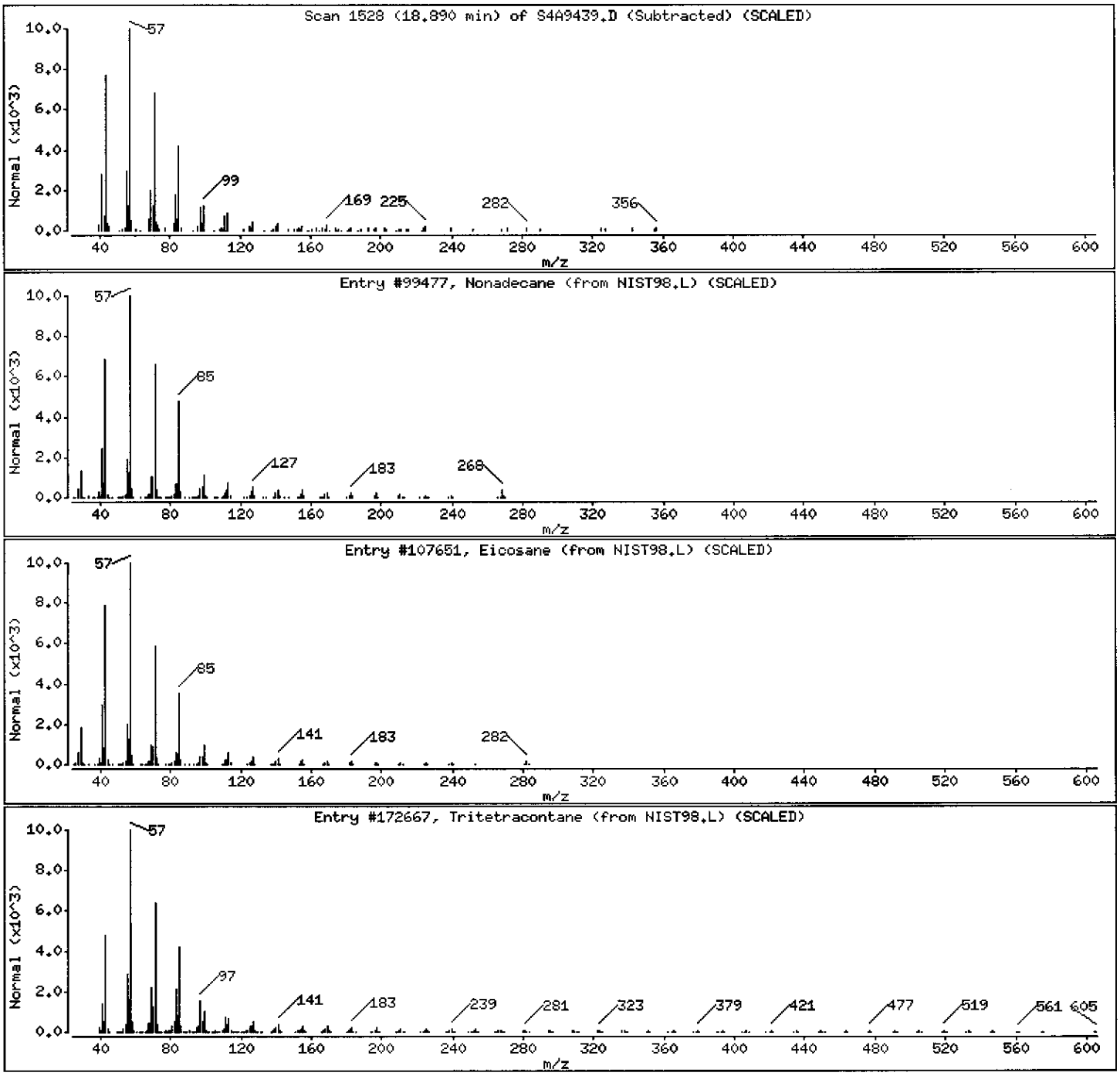
Client ID: SS03-S-0 Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Nonadecane	629-92-5	NIST98.L	99477	95	C19H40	268
Eicosane	112-95-8	NIST98.L	107651	92	C20H42	282
Tritetracontane	7098-21-7	NIST98.L	172667	90	C43H88	605



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Date : 24-AUG-2005 22:14

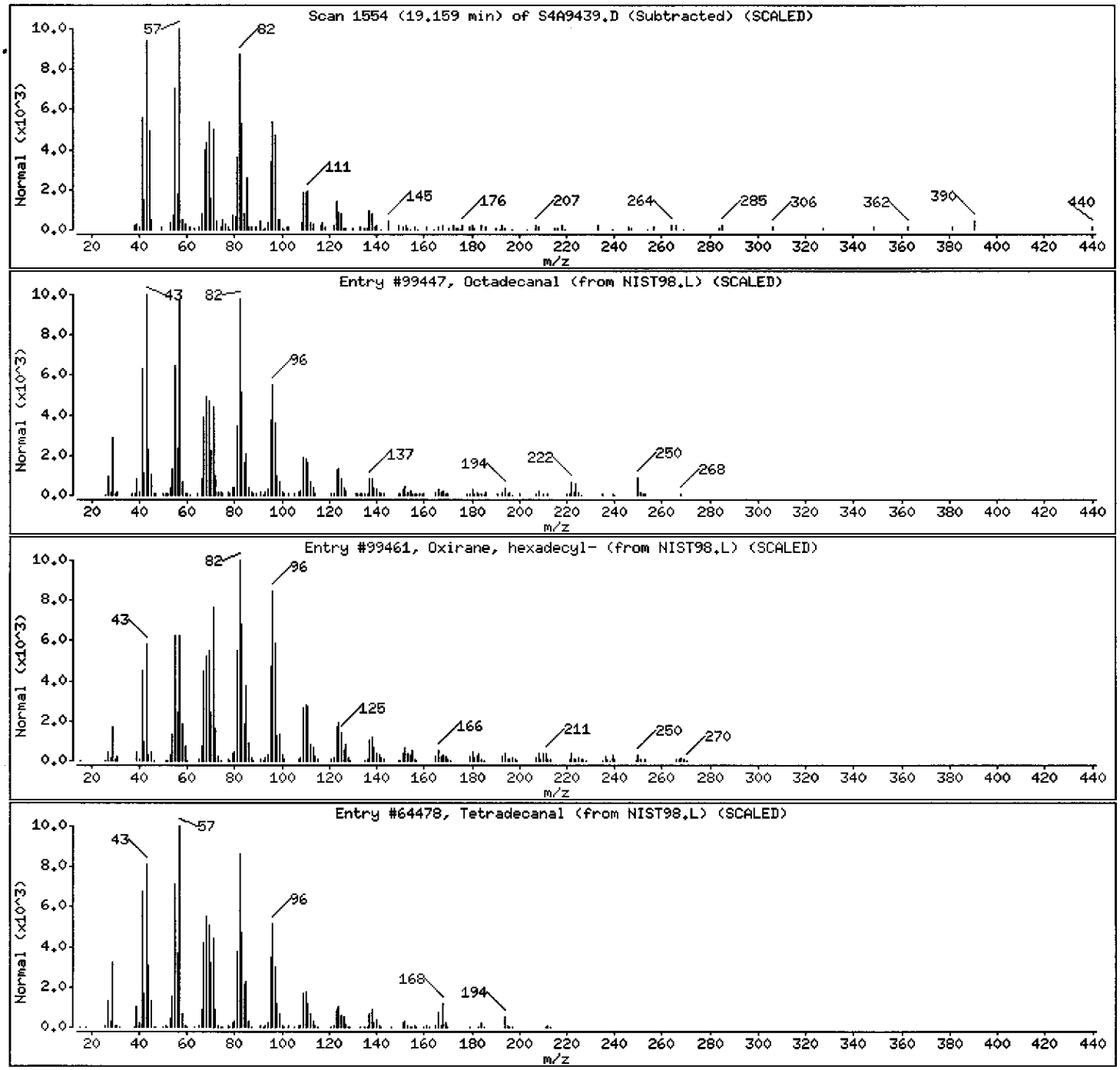
Client ID: SS03-S-0 Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octadecanal	638-66-4	NIST98.L	99447	91	C18H360	268
Oxirane, hexadecyl-	7390-81-0	NIST98.L	99461	90	C18H360	268
Tetradecanal	124-25-4	NIST98.L	64478	87	C14H280	212



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Date : 24-AUG-2005 22:14

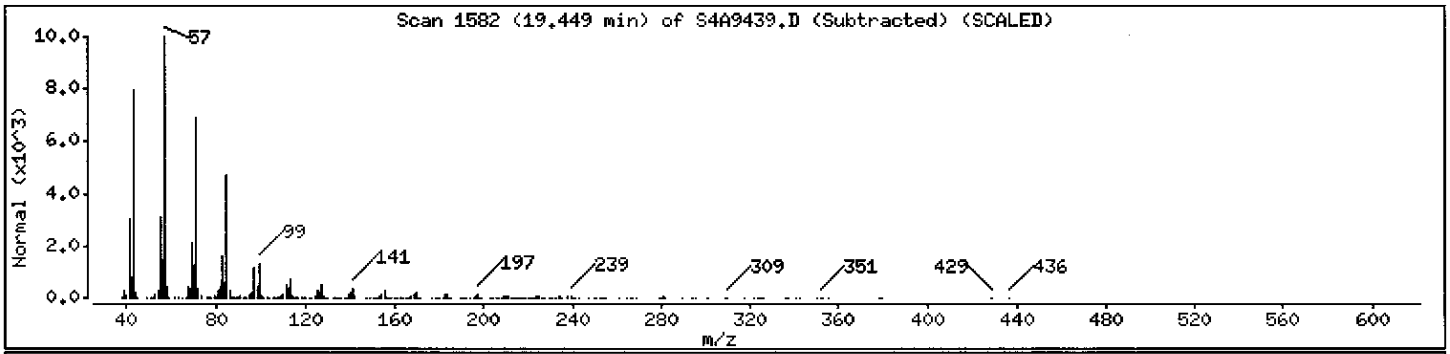
Client ID: SS03-S-0 Instrument: S4.i

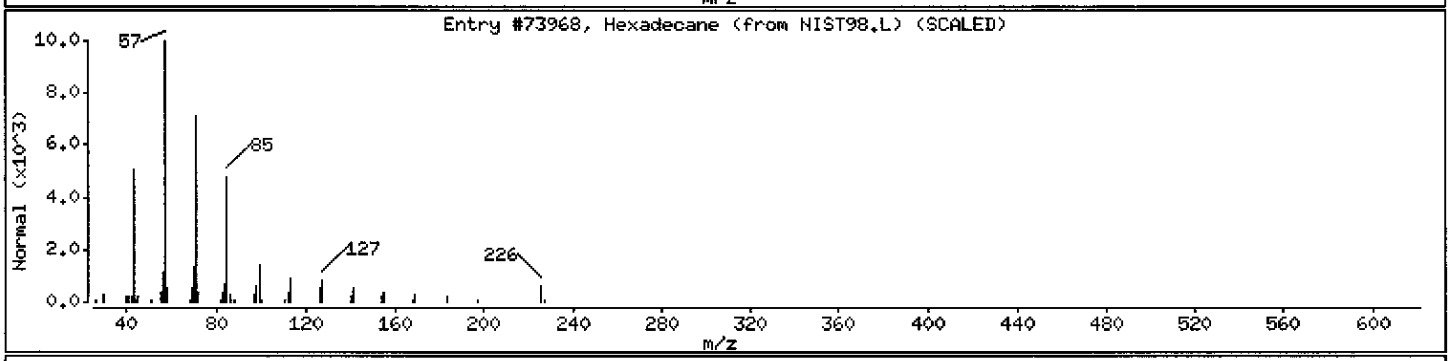
Sample Info: D0926-16A,,19468,,

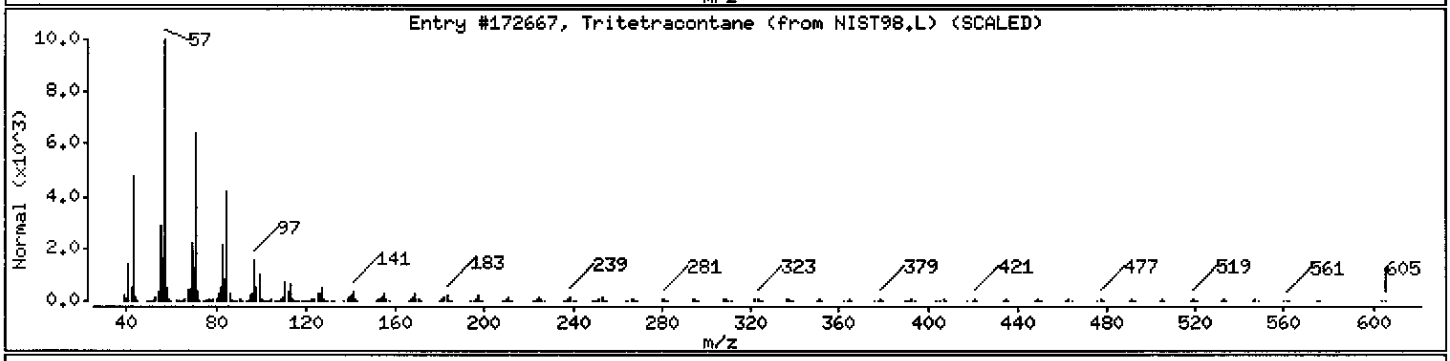
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

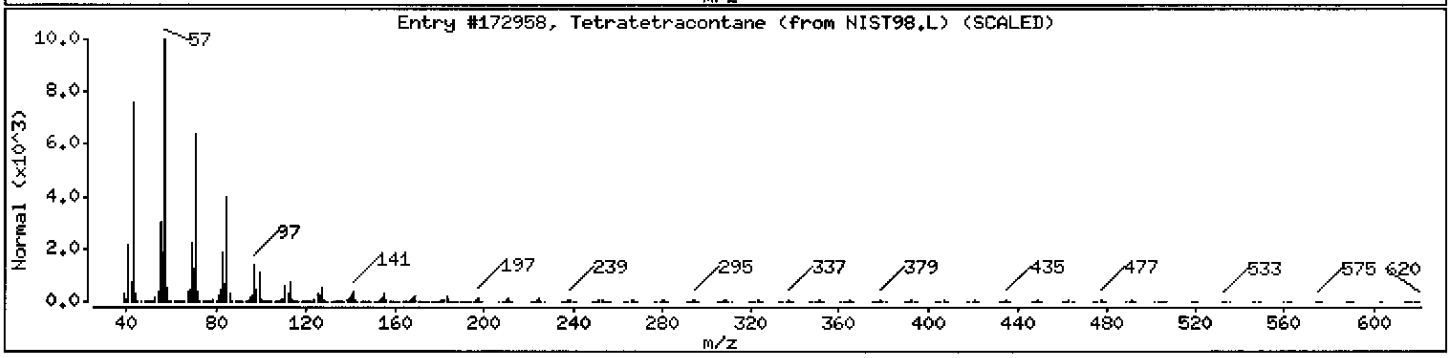
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Hexadecane	544-76-3	NIST98.L	73968	95	C16H34	226
Tritetracontane	7098-21-7	NIST98.L	172667	91	C43H88	605
Tetratetracontane	7098-22-8	NIST98.L	172958	91	C44H90	619









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Date : 24-AUG-2005 22:14

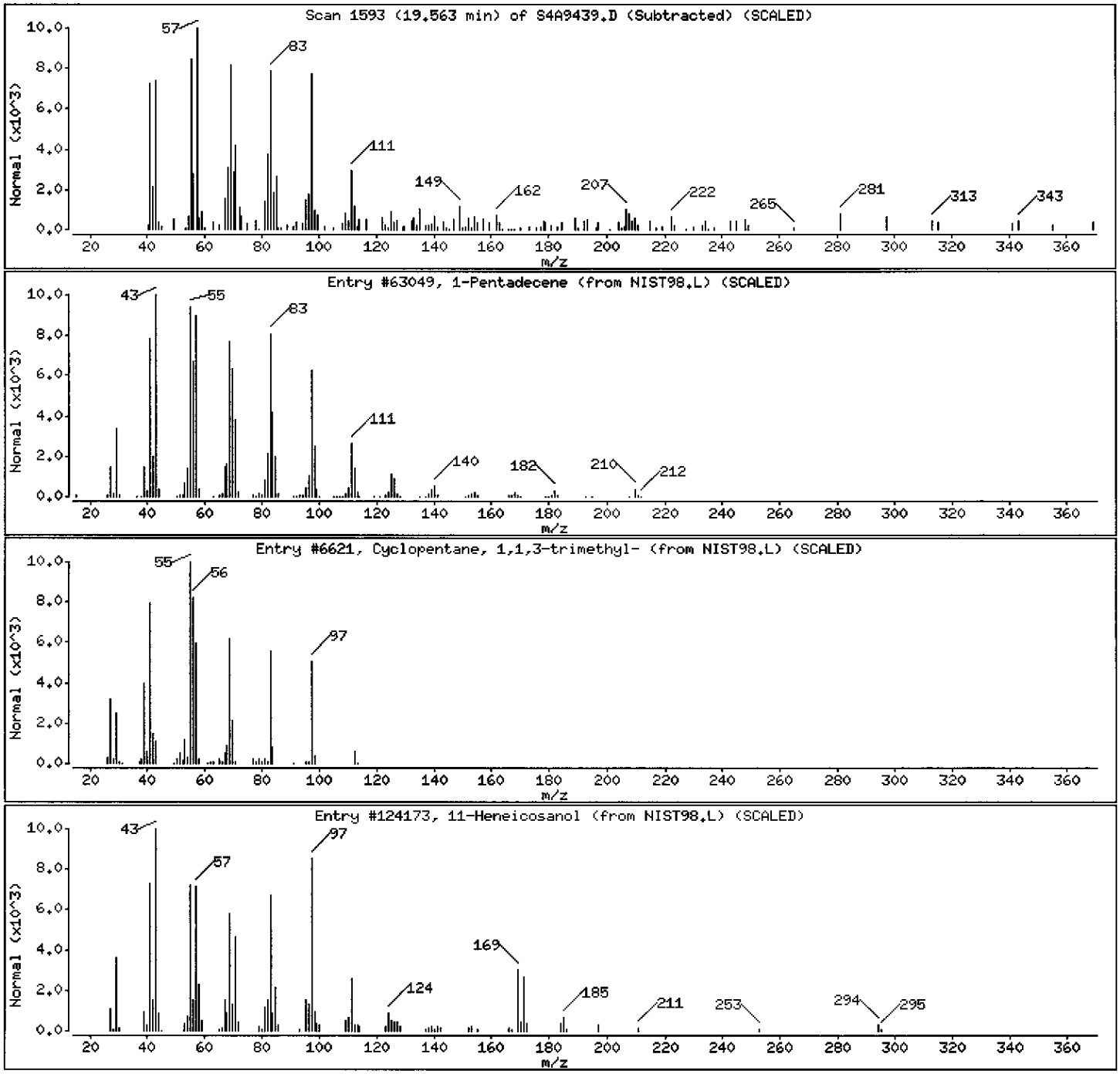
Client ID: SS03-S-0 Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Pentadecene	13360-61-7	NIST98.L	63049	91	C15H30	210
Cyclopentane, 1,1,3-trimethyl-	4516-69-2	NIST98.L	6621	62	C8H16	112
11-Heneicosanol	3381-26-8	NIST98.L	124173	58	C21H44O	312



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Date : 24-AUG-2005 22:14

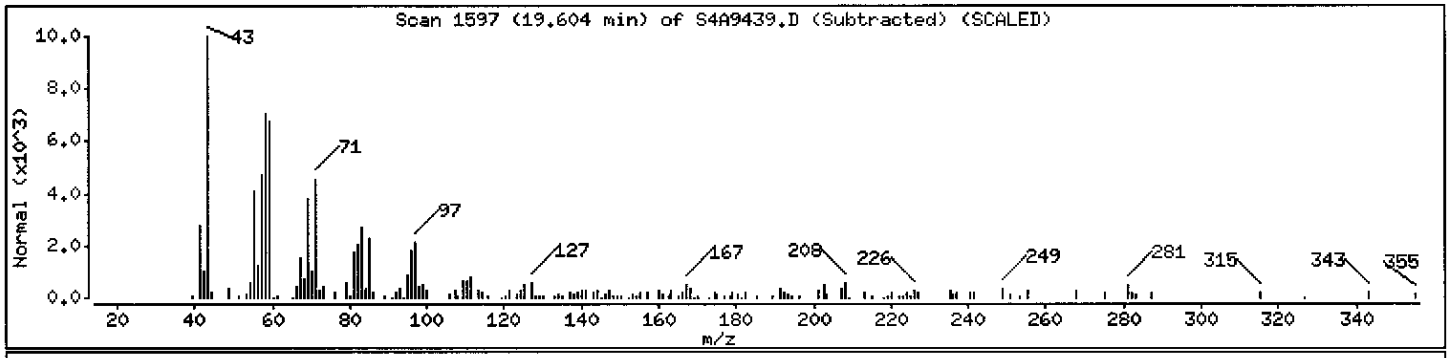
Client ID: SS03-S-0 Instrument: S4.i

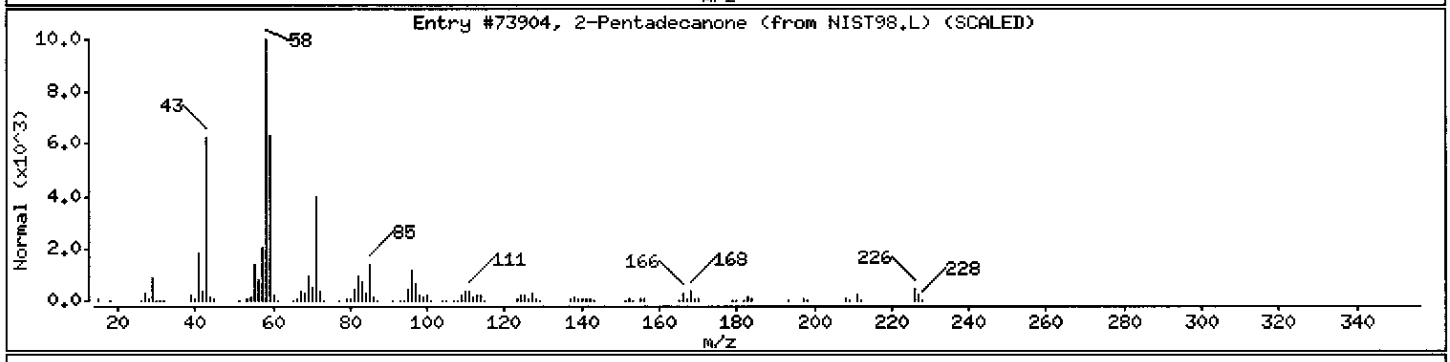
Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Pentadecanone	2345-28-0	NIST98.L	73904	43	C15H30O	226





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Date : 24-AUG-2005 22:14

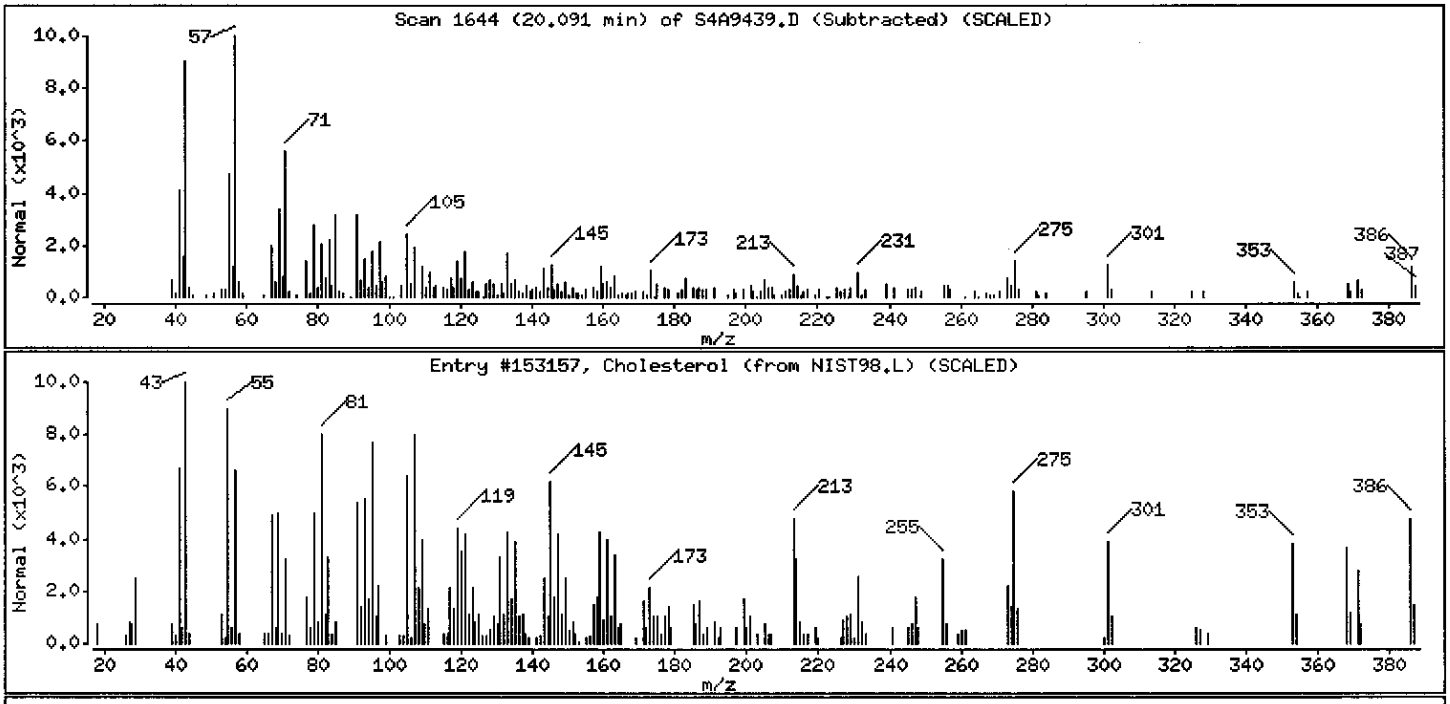
Client ID: SS03-S-0 Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cholesterol	57-88-5	NIST98.L	153157	55	C27H46O	386



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Date : 24-AUG-2005 22:14

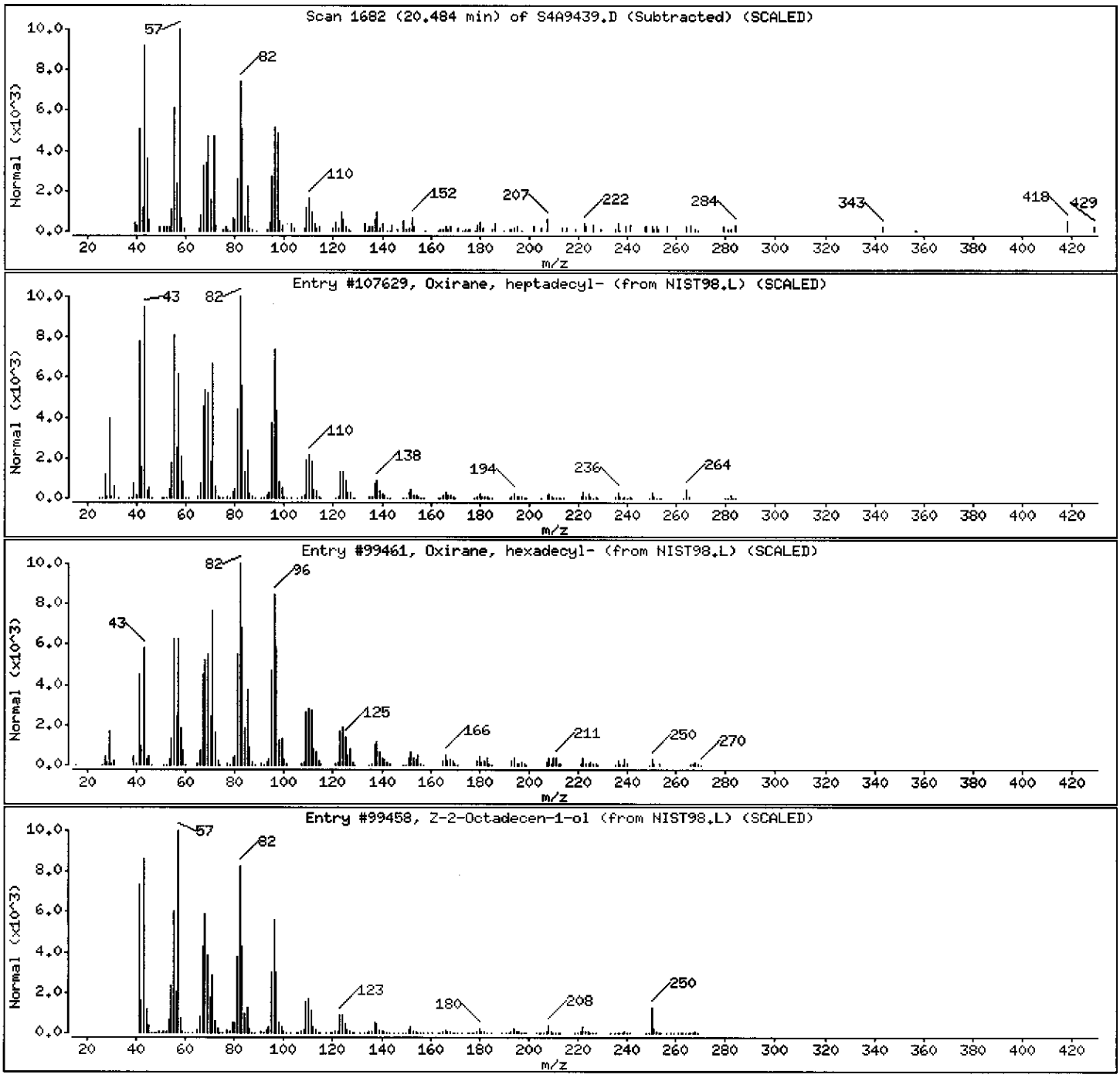
Client ID: SS03-S-0 Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Oxirane, heptadecyl-	67860-04-2	NIST98.L	107629	89	C19H38O	282
Oxirane, hexadecyl-	7390-81-0	NIST98.L	99461	87	C18H36O	268
Z-2-Octadecen-1-ol	1000131-11-0	NIST98.L	99458	86	C18H36O	268



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Date : 24-AUG-2005 22:14

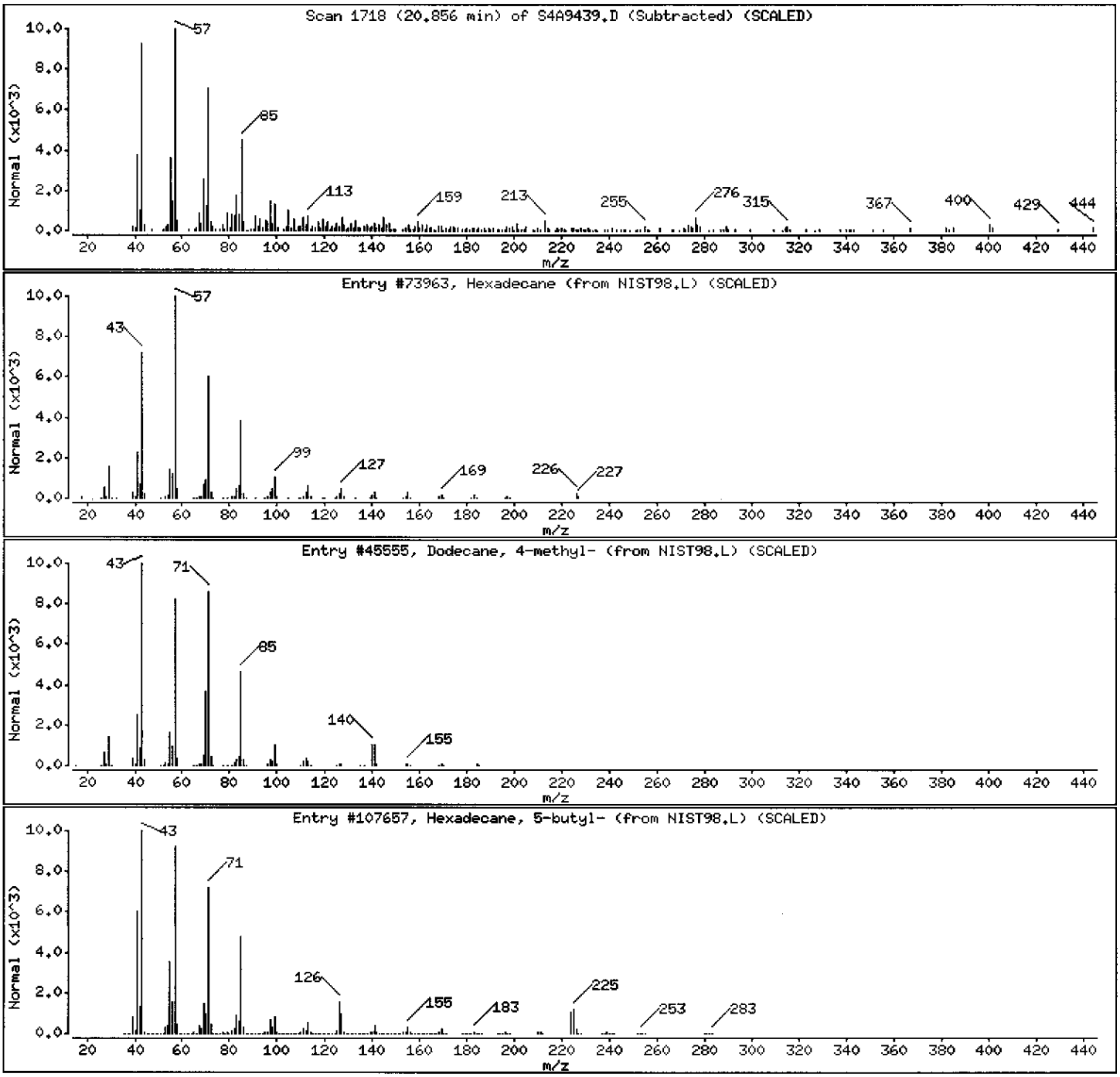
Client ID: SS03-S-0 Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Hexadecane	544-76-3	NIST98.L	73963	90	C16H34	226
Dodecane, 4-methyl-	6117-97-1	NIST98.L	45555	90	C13H28	184
Hexadecane, 5-butyl-	6912-07-8	NIST98.L	107657	87	C20H42	282



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Date : 24-AUG-2005 22:14

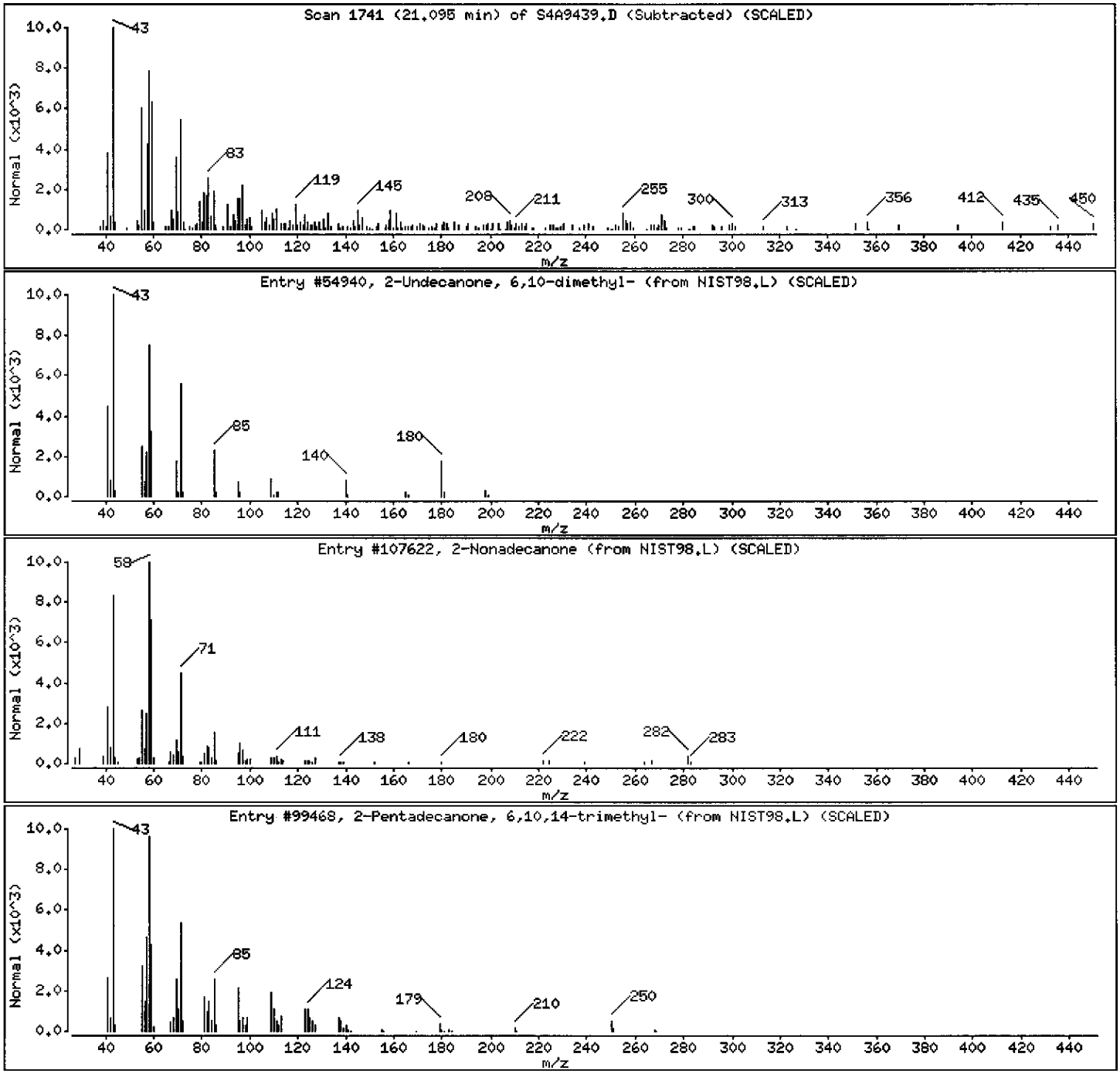
Client ID: SS03-S-0 Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Undecanone, 6,10-dimethyl-	1604-34-8	NIST98.L	54940	58	C13H26O	198
2-Nonadecanone	629-66-3	NIST98.L	107622	53	C19H38O	282
2-Pentadecanone, 6,10,14-trimethyl-	502-69-2	NIST98.L	99468	47	C18H36O	268



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Date : 24-AUG-2005 22:14

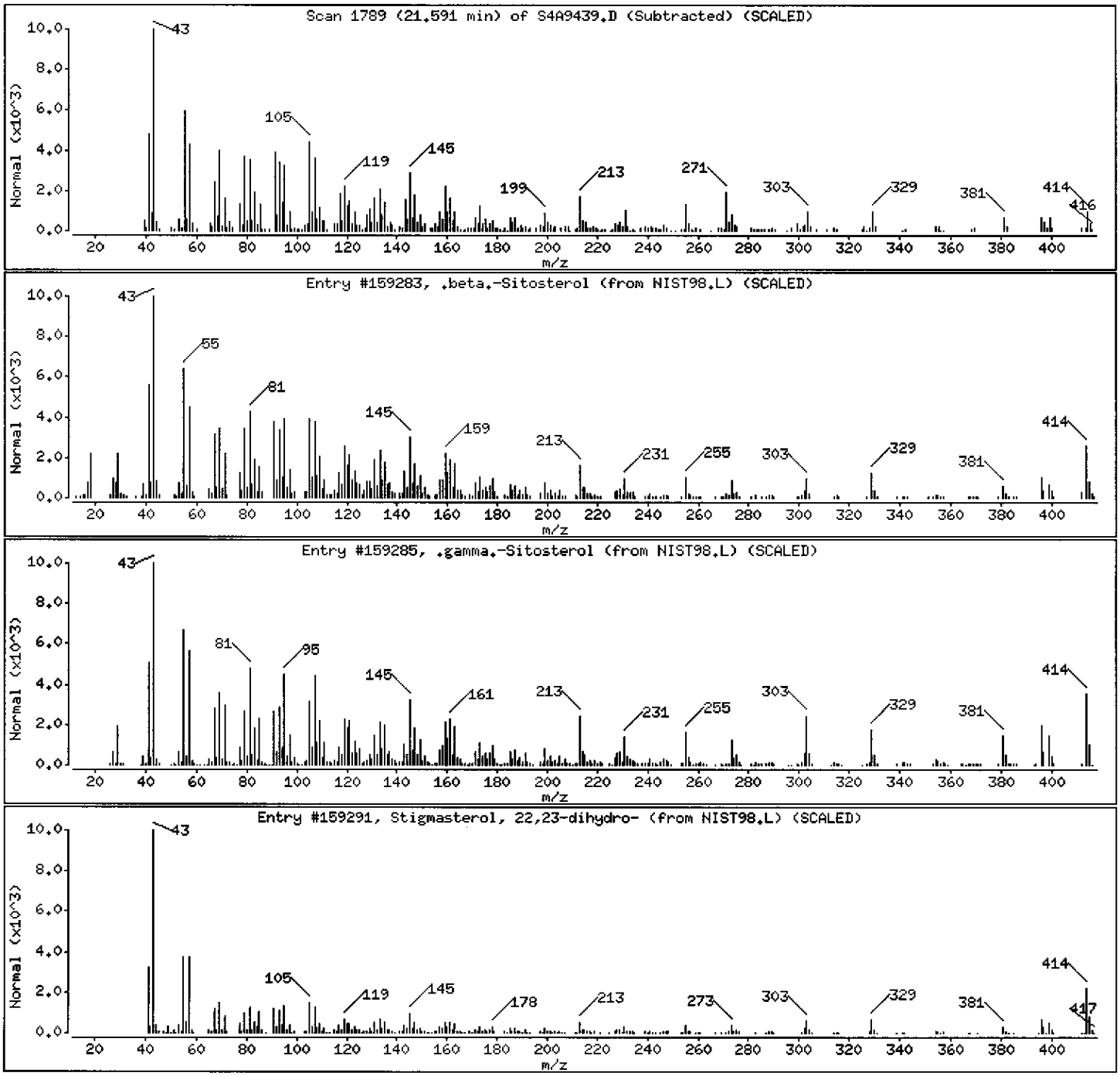
Client ID: SS03-S-0 Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.beta.-Sitosterol	83-46-5	NIST98.L	159283	95	C29H500	414
.gamma.-Sitosterol	83-47-6	NIST98.L	159285	92	C29H500	414
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST98.L	159291	72	C29H500	414



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Date : 24-AUG-2005 22:14

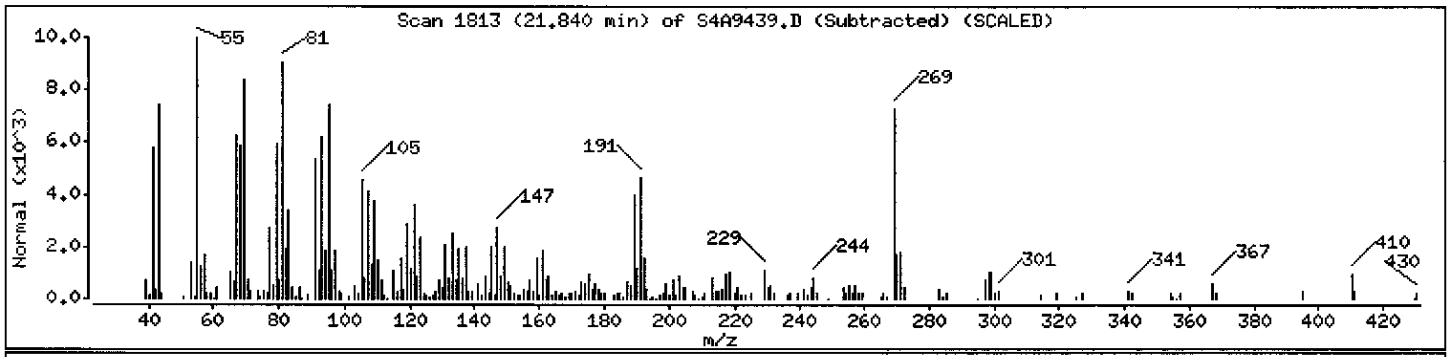
Client ID: SS03-S-0 Instrument: S4.i

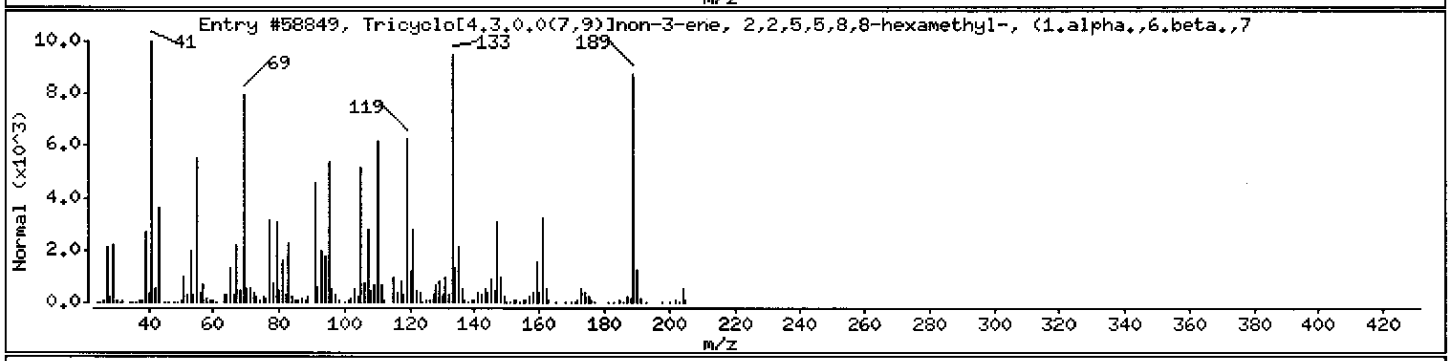
Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Tricyclo[4.3.0.0(7,9)]non-3-ene, 2,2,5,5	54832-80-3	NIST98.L	58849	42	C15H24	204





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Date : 24-AUG-2005 22:14

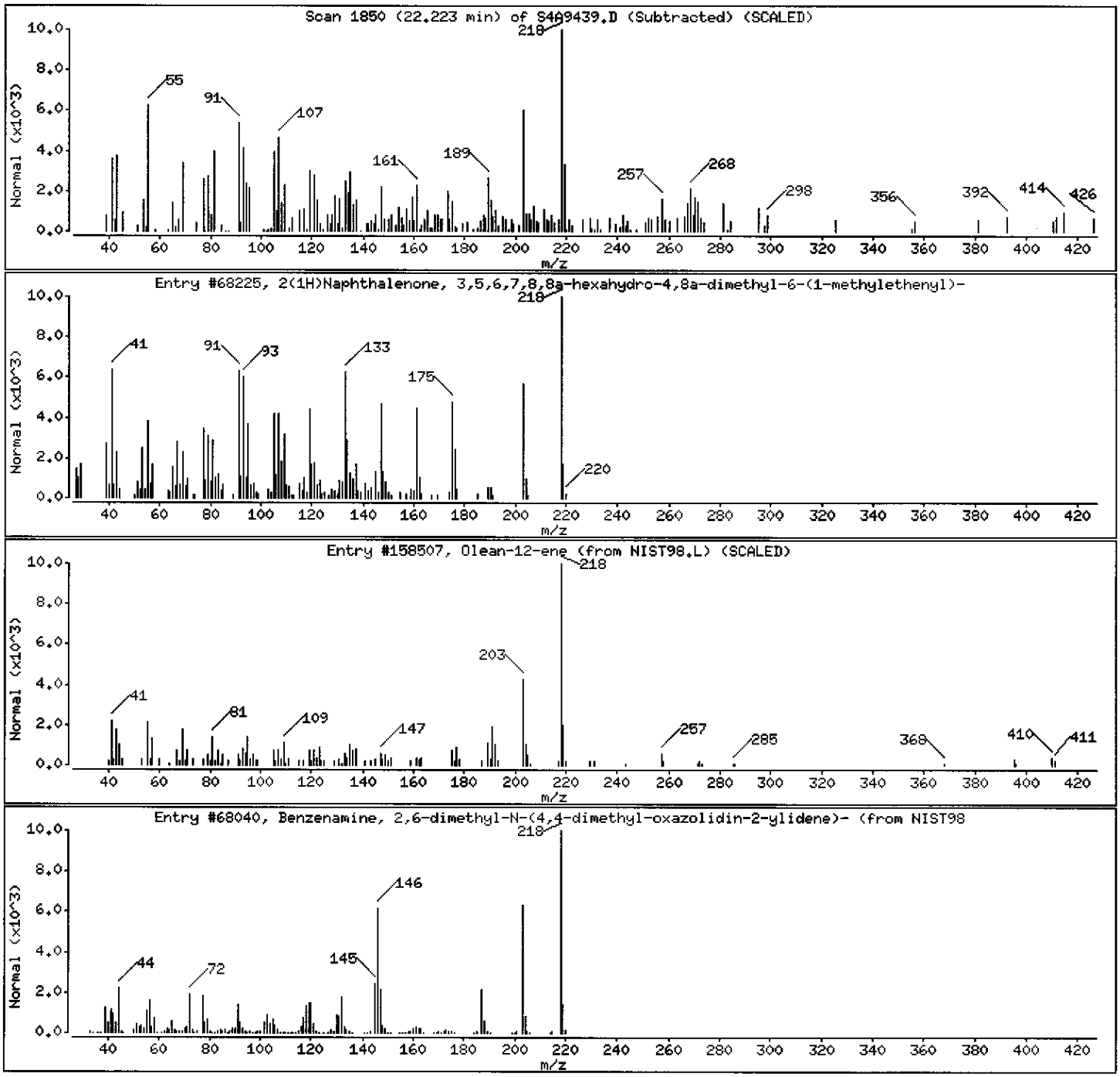
Client ID: SS03-S-0 Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2(1H)Naphthalenone, 3,5,6,7,8,8a-hexahyd	1000188-66-5	NIST98.L	68225	47	C15H22O	218
Olean-12-ene	471-68-1	NIST98.L	158507	46	C30H50	410
Benzenamine, 2,6-dimethyl-N-(4,4-dimethy	281211-68-5	NIST98.L	68040	46	C13H18N2O	218



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9439.D

Date : 24-AUG-2005 22:14

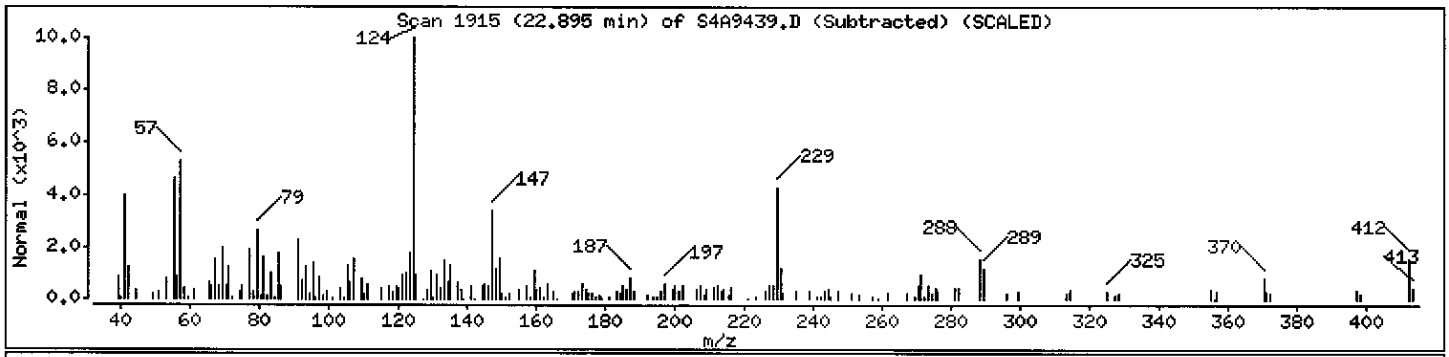
Client ID: SS03-S-0 Instrument: S4.i

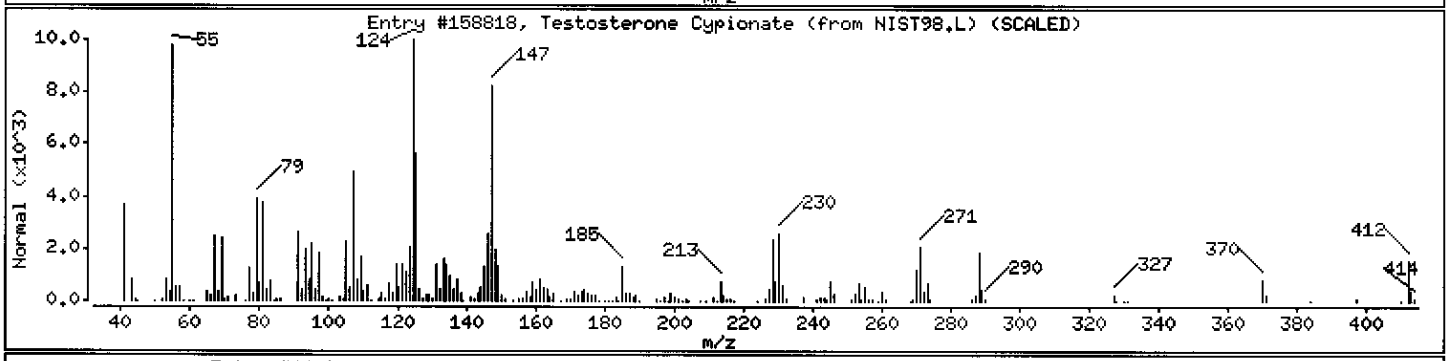
Sample Info: D0926-16A,,19468,,

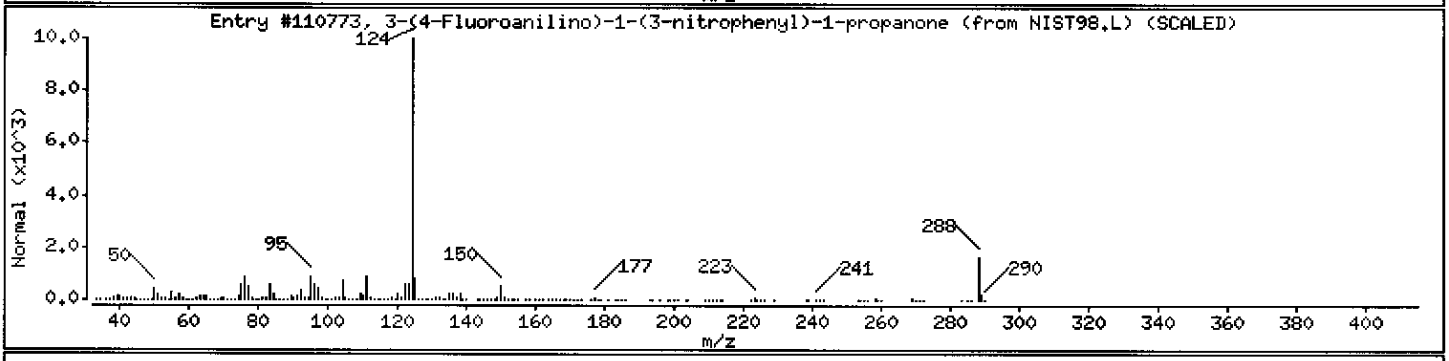
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Testosterone Cypionate	58-20-8	NIST98.L	158818	43	C27H4003	412
3-(4-Fluoroanilino)-1-(3-nitrophenyl)-1-	350039-84-8	NIST98.L	110773	41	C15H13FN2O3	288







Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9439.D

Date : 24-AUG-2005 22:14

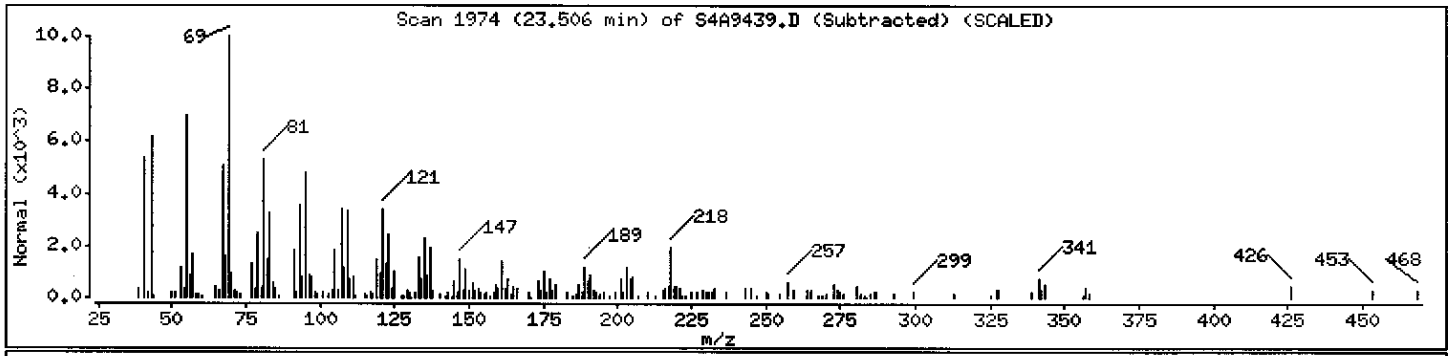
Client ID: SS03-S-O Instrument: S4.i

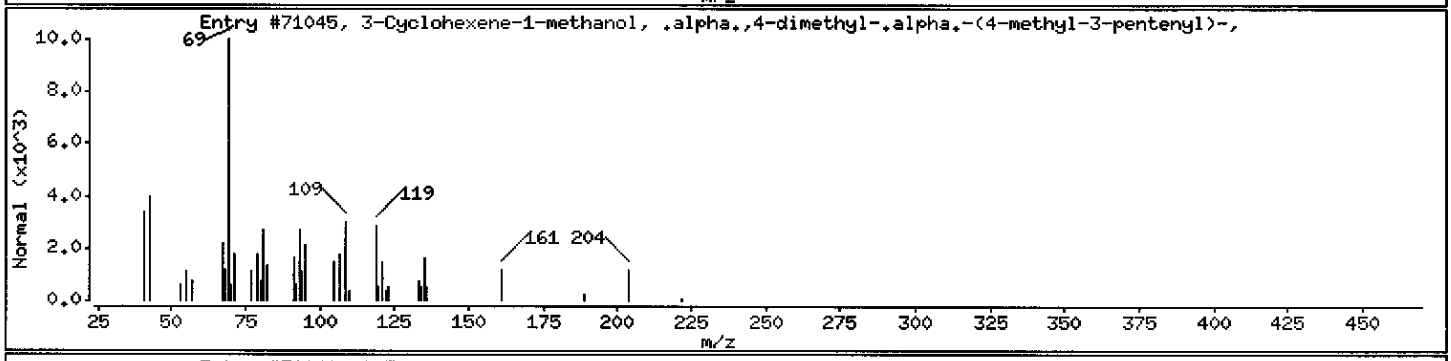
Sample Info: D0926-16A,,19468,,

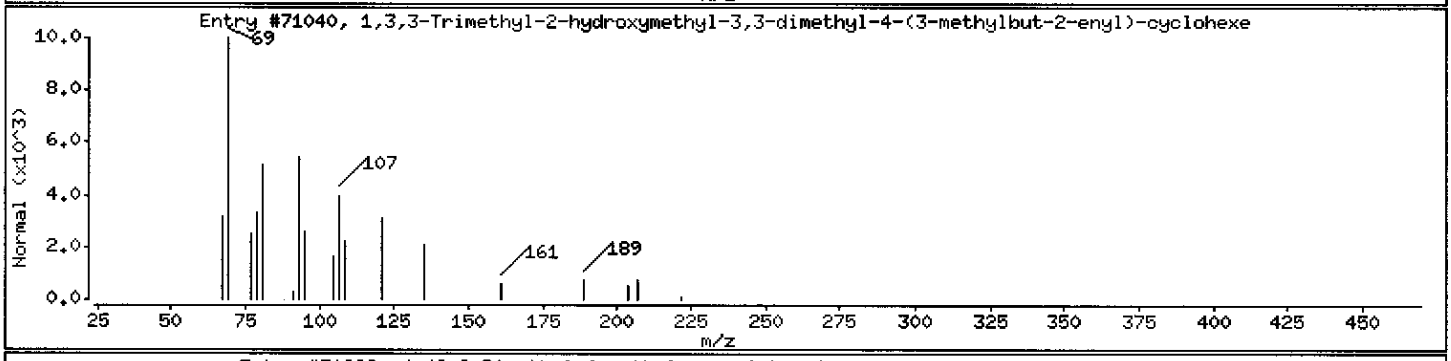
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

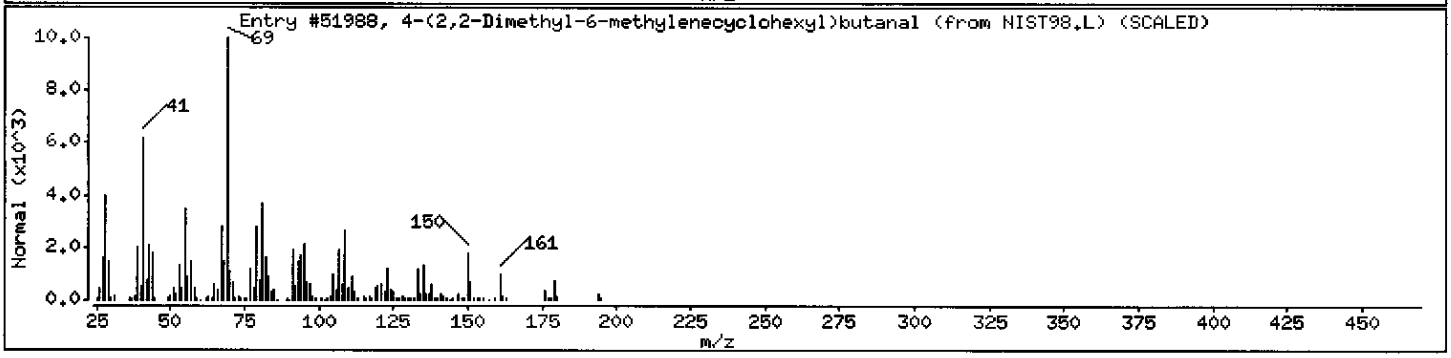
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
3-Cyclohexene-1-methanol, .alpha.,4-dime	23178-88-3	NIST98.L	71045	52	C15H260	222
1,3,3-Trimethyl-2-hydroxymethyl-3,3-dime	1000144-10-7	NIST98.L	71040	49	C15H260	222
4-(2,2-Dimethyl-6-methylenecyclohexyl)bu	95452-13-4	NIST98.L	51988	49	C13H220	194









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Date : 24-AUG-2005 22:14

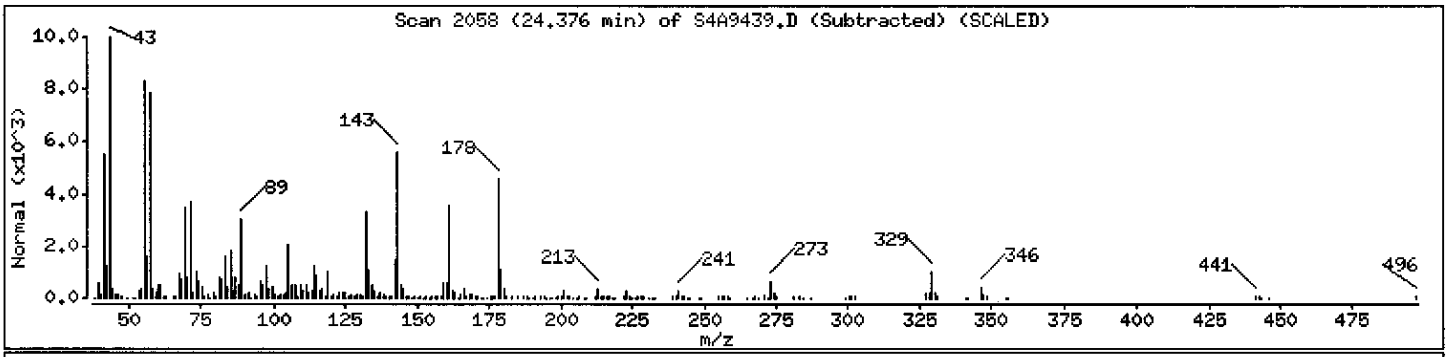
Client ID: SS03-S-0 Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 24-AUG-2005 22:14

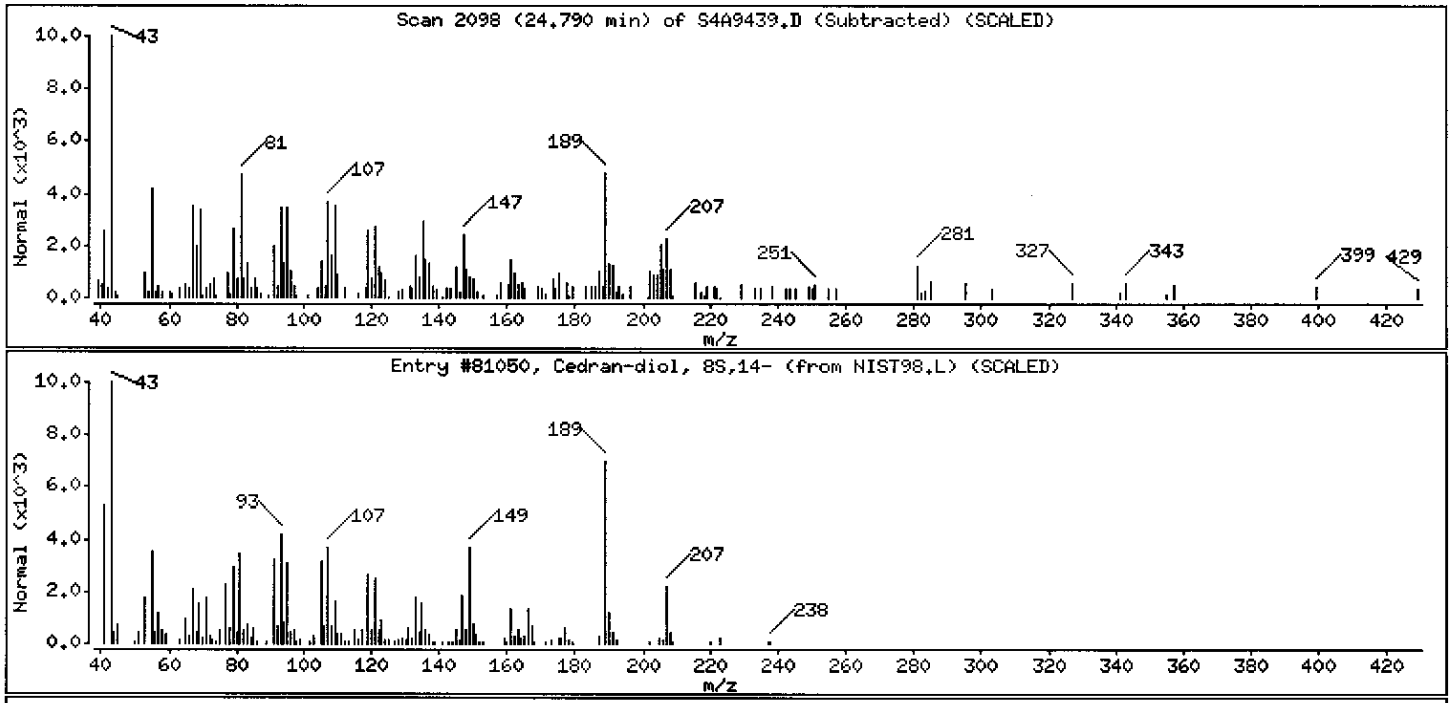
Client ID: SS03-S-0 Instrument: S4.i

Sample Info: D0926-16A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cedran-diol, 8S,14-	62600-05-9	NIST98.L	81050	43	C15H26O2	238



1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS05-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-17A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9460

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	950	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	950	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	950	U
83-32-9	Acenaphthene	380	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS05-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-17A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9460

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	950	U
100-02-7	4-Nitrophenol	950	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	950	U
534-52-1	4,6-Dinitro-2-methylphenol	950	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	950	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	67	J
206-44-0	Fluoranthene	69	J
129-00-0	Pyrene	77	J
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	51	J
218-01-9	Chrysene	94	J
117-81-7	bis(2-Ethylhexyl)phthalate	180	JB
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	72	J
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	84	J
193-39-5	Indeno(1,2,3-cd)pyrene	44	J
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	140	J

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SS05-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-17A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9460

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

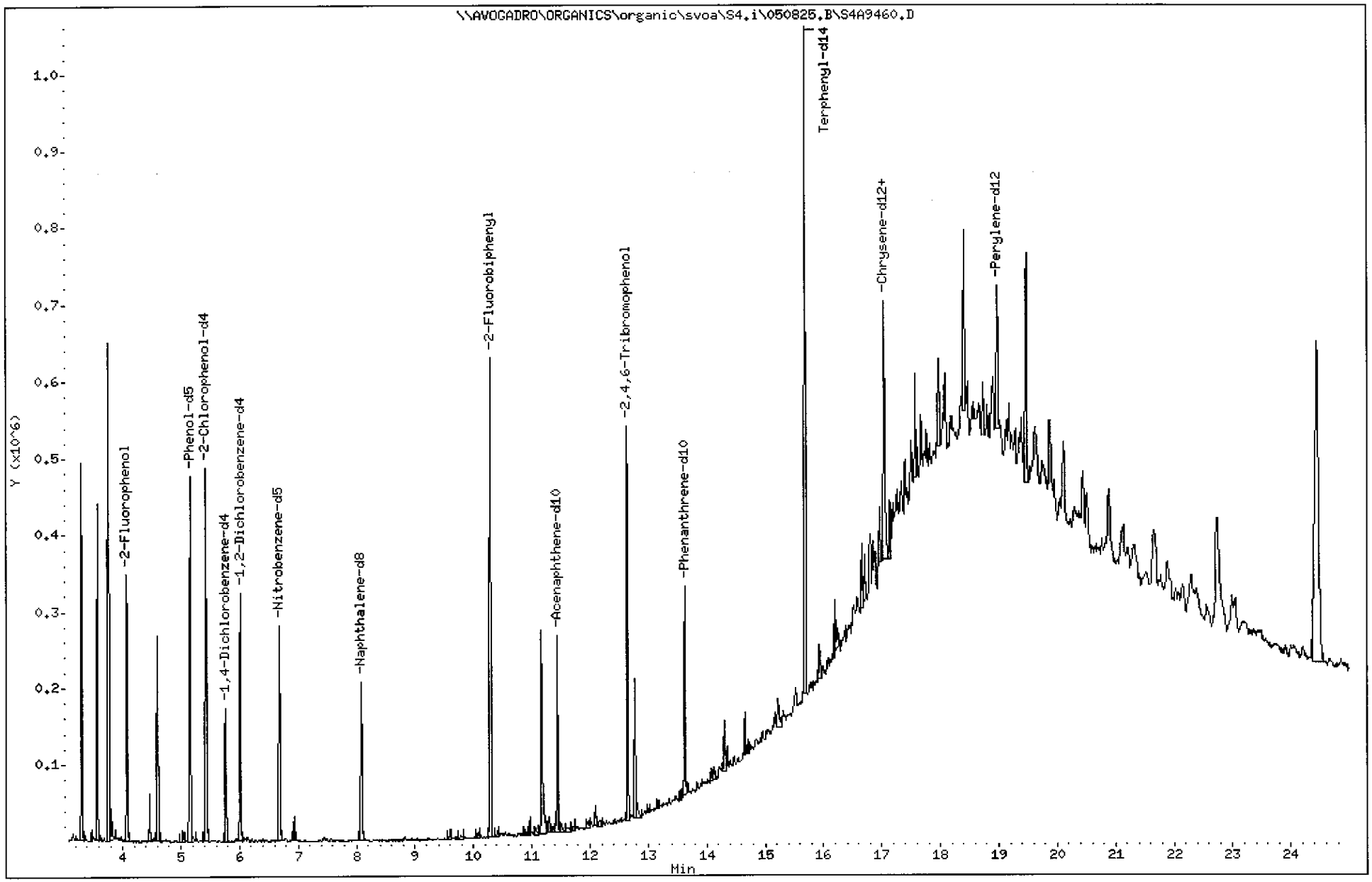
GPC Cleanup: (Y/N) Y pH: 6.4 Extraction: (Type) SONC

Number TICs found: 15

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	5.03	80	J
2.	78-40-0	TRIETHYL PHOSPHATE	6.93	130	NJ
3.		UNKNOWN	12.76	500	J
4.		UNKNOWN	12.80	110	J
5.	57-10-3	N-HEXADECANOIC ACID	14.30	180	NJ
6.	6380-71-8	PROPANOIC ACID, 3-MERCAPTO-,	14.66	130	NJ
7.		UNKNOWN	15.92	150	J
8.	3353-12-6	PYRENE, 4-METHYL-	16.19	150	NJ
9.		UNKNOWN	16.23	85	J
10.	84-15-1	O-TERPHENYL	16.66	150	NJ
11.	84-15-1	O-TERPHENYL	16.71	97	NJ
12.		UNKNOWN	17.14	160	JB
13.	101910-57-0	4.ALPHA.,5.BETA.-EPOXY-9.ALP	17.58	260	NJ
14.		UNKNOWN	17.98	250	J
15.		UNKNOWN	24.45	4600	JB
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9460.D
Date : 25-AUG-2005 14:45
Client ID: SS05-S-0
Instrument: S4.i
Sample Info: D0926-17A,,19468,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9460.D
Report Date: 31-Aug-2005 16:03

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9460.D
Lab Smp Id: D0926-17A Client Smp ID: SS05-S-O
Inj Date : 25-AUG-2005 14:45
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-17A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D
Als bottle: 30
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	13.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	4.068	4.048	(0.706)	91894	115.630	2200
$	3 Phenol-d5	99	5.155	5.135	(0.894)	155964	131.264	2500
$	6 2-Chlorophenol-d4	132	5.424	5.414	(0.941)	131316	133.405	2600
*	8 1,4-Dichlorobenzene-d4	152	5.766	5.755	(1.000)	30142	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	6.014	6.004	(1.043)	54487	76.2612	1500
$	16 Nitrobenzene-d5	82	6.687	6.677	(0.827)	130704	87.9866	1700
*	23 Naphthalene-d8	136	8.084	8.074	(1.000)	126187	40.0000	
$	33 2-Fluorobiphenyl	172	10.299	10.289	(0.900)	271005	105.855	2000
*	41 Acenaphthene-d10	164	11.448	11.438	(1.000)	71895	40.0000	
$	53 2,4,6-Tribromophenol	330	12.649	12.628	(0.929)	55461	198.003	3800(AR)
*	58 Phenanthrene-d10	188	13.622	13.611	(1.000)	106703	40.0000	
	62 Di-n-butylphthalate	149	14.357	14.346	(1.054)	13384	3.51245	67(a)
	63 Fluoranthene	202	15.226	15.216	(1.118)	11182	3.58643	69(a)

Data File: S4A9460.D
Report Date: 31-Aug-2005 16:03

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)	
	64 Pyrene	202	15.516	15.505	(0.910)	13914	4.04093	77(a)	
$	65 Terphenyl-d14	244	15.692	15.671	(0.920)	277064	109.737	2100	
	68 Benzo(a)anthracene	228	17.037	17.017	(0.999)	8084	2.65467	51(aQ)	
*	69 Chrysene-d12	240	17.048	17.027	(1.000)	98347	40.0000		
	70 Chrysene	228	17.058	17.068	(1.001)	13927	4.91532	94(aQ)	
	71 bis(2-Ethylhexyl)phthalate	149	16.975	16.954	(0.996)	22763	9.24330	180(a)	
	73 Benzo(b)fluoranthene	252	18.403	18.372	(0.969)	12094	3.74701	72(aQM)	MZ
	75 Benzo(a)pyrene	252	18.900	18.859	(0.996)	11611	4.39680	84(a)	08/31/05
*	76 Perylene-d12	264	18.983	18.942	(1.000)	86301	40.0000		
	77 Indeno(1,2,3-cd)pyrene	276	20.939	20.877	(1.103)	7238	2.31012	44(a)	
	79 Benzo(g,h,i)perylene	276	21.529	21.457	(1.134)	17271	7.28643	140(a)	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

08/31/05

Data File: S4A9460.D
Report Date: 31-Aug-2005 16:03

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9460.D
Lab Smp Id: D0926-17A Client Smp ID: SS05-S-O
Inj Date : 25-AUG-2005 14:45
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-17A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D
Als bottle: 30
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	13.000	% Moisture

ISTD		RT	AREA	AMOUNT
*	8 1,4-Dichlorobenzene-d4	5.766	243813	40.000
*	41 Acenaphthene-d10	11.448	372818	40.000
*	58 Phenanthrene-d10	13.622	355559	40.000
*	69 Chrysene-d12	17.048	543523	40.000
*	76 Perylene-d12	18.983	327633	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9460.D
Report Date: 31-Aug-2005 16:03

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
5.031	25570	4.19501831	80	0		0	8
Triethyl phosphate				CAS #:	78-40-0		
6.925	40310	6.61326508	130	94	NIST98.L	44293	8
Branched Alkane				CAS #:			
11.169	463228	49.7001754	950	0		0	41
Unknown				CAS #:			
12.763	230861	25.9716109	500	0		0	58
Unknown				CAS #:			
12.804	49095	5.52313399	110	0		0	58
n-Hexadecanoic acid				CAS #:	57-10-3		
14.305	82862	9.32188469	180	93	NIST98.L	92227	58
Propanoic acid, 3-mercapto-, dodecyl est				CAS #:	6380-71-8		
14.657	61933	6.96739500	130	90	NIST98.L	102857	58
Unknown				CAS #:			
15.919	107120	7.88338304	150	0		0	69
Pyrene, 4-methyl-				CAS #:	3353-12-6		
16.189	108160	7.95992074	150	94	NIST98.L	67026	69
Unknown				CAS #:			
16.230	60066	4.42049370	85	0		0	69
o-Terphenyl				CAS #:	84-15-1		
16.665	104447	7.68666643	150	89	NIST98.L	76469	69
o-Terphenyl				CAS #:	84-15-1		
16.706	68627	5.05053144	97	95	NIST98.L	76470	69
Unknown				CAS #:			
17.141	114507	8.42702149	160	0		0	69
4.alpha.,5.beta.-Epoxy-9.alpha.-hydroxyg				CAS #:	101910-57-0		
17.575	186626	13.7345430	260	95	NIST98.L	150887	69
Unknown				CAS #:			
17.979	173938	12.8007830	250	0		0	69

Data File: S4A9460.D
Report Date: 31-Aug-2005 16:03

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Branched Alkane				CAS #:			
19.480	575275	70.2340729	1300	0		0	76
Unknown				CAS #:			
24.448	1962306	239.573669	4600	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9460.D

Date : 25-AUG-2005 14:45

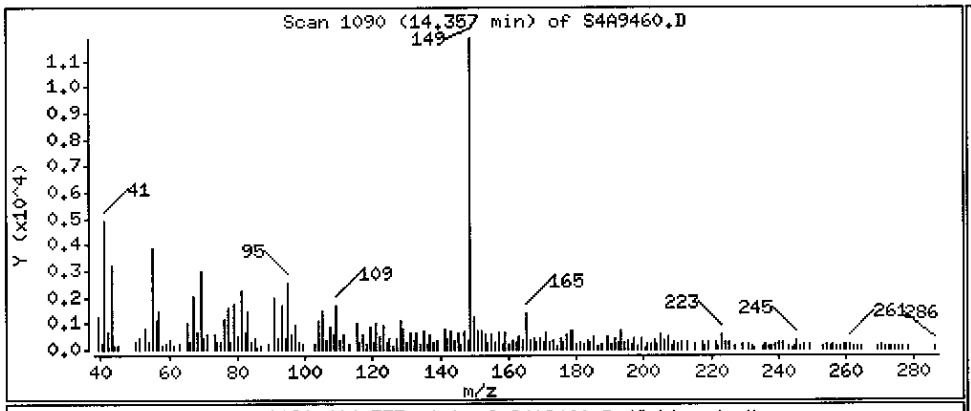
Client ID: SS05-S-0 Instrument: S4.i

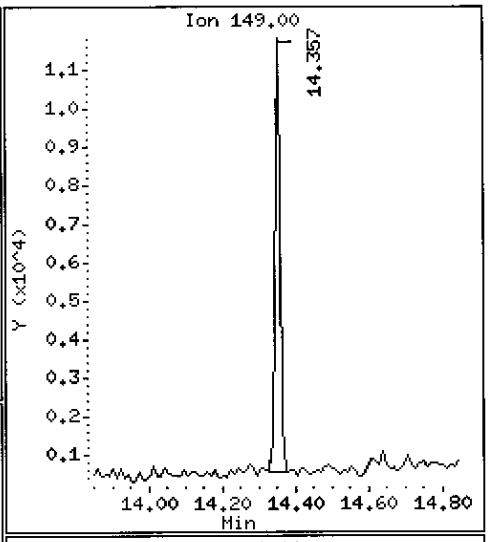
Sample Info: D0926-17A,,19468,,

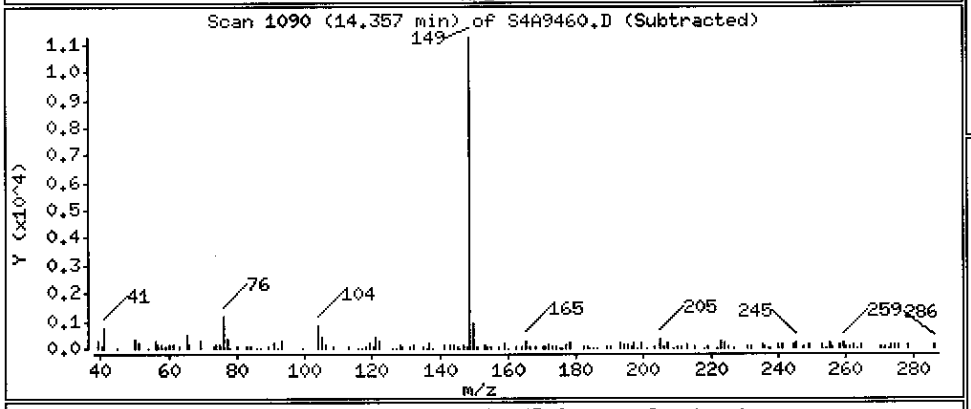
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

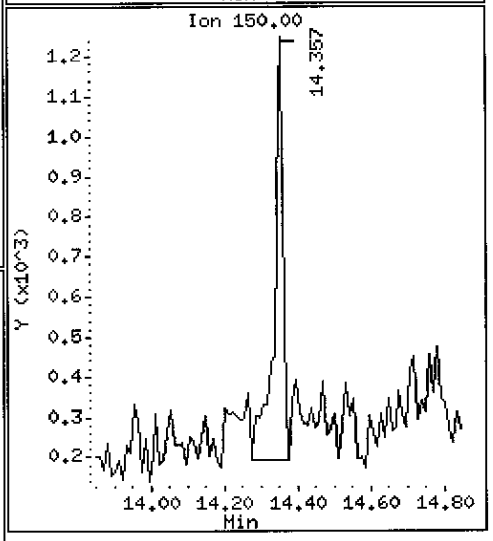
Column phase: DB-5MS Column diameter: 0.25

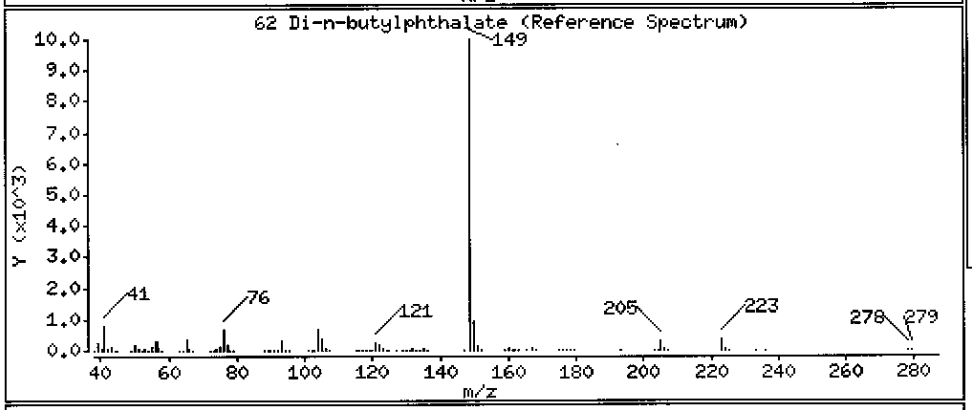
62 Di-n-butylphthalate Concentration: 67 ug/Kg

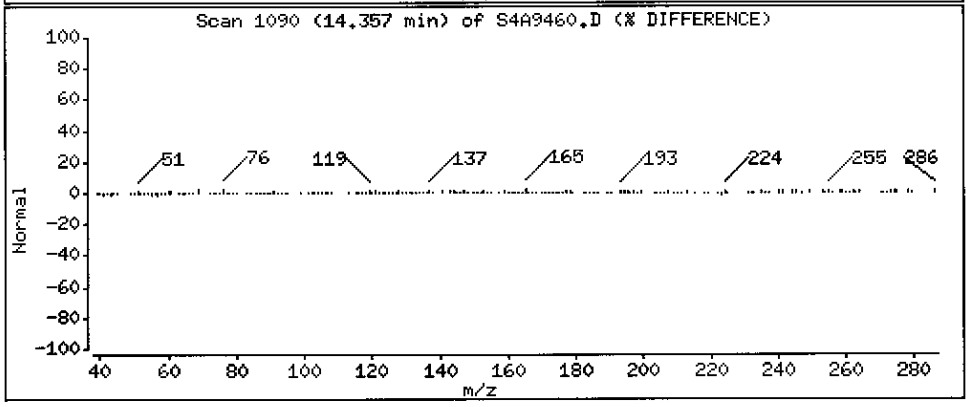












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9460.D

Date : 25-AUG-2005 14:45

Client ID: SS05-S-O

Instrument: S4.i

Sample Info: D0926-17A,,19468,,

Volume Injected (uL): 2.0

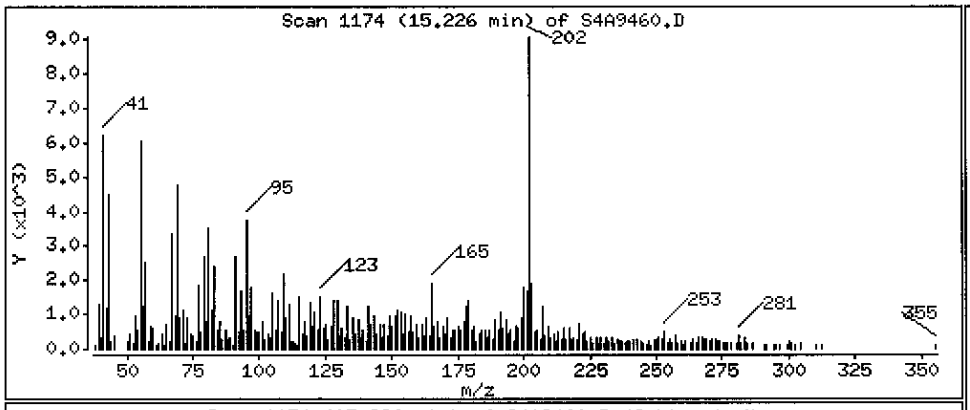
Operator: AW SRC: LIMS

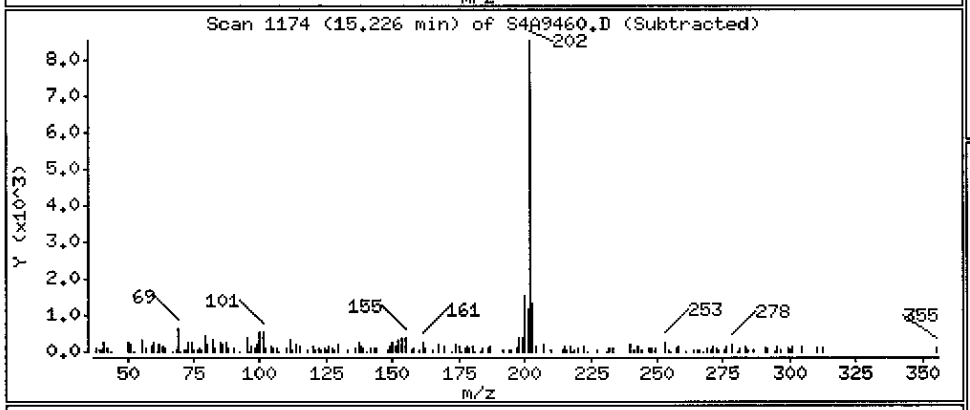
Column phase: DB-5MS

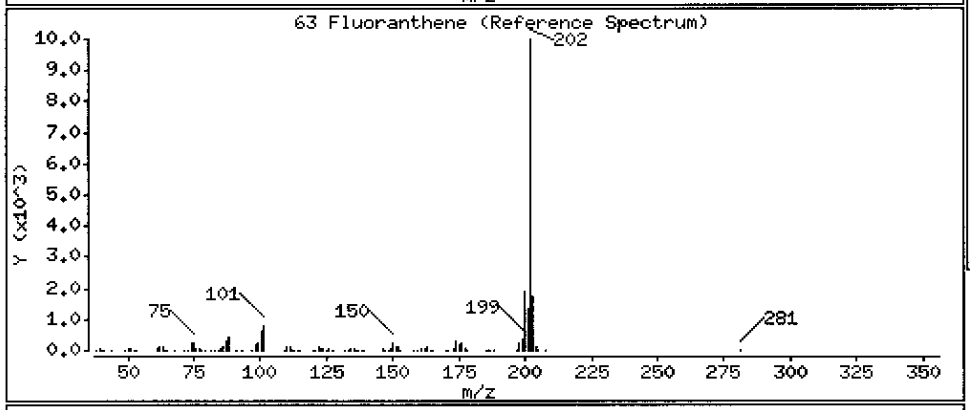
Column diameter: 0.25

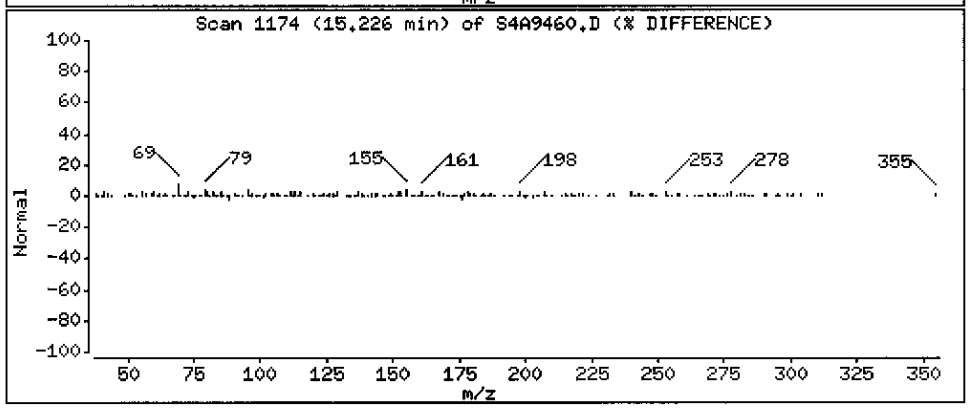
63 Fluoranthene

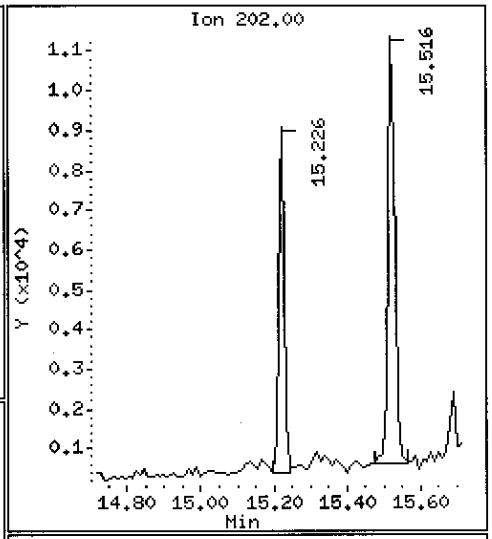
Concentration: 69 ug/Kg

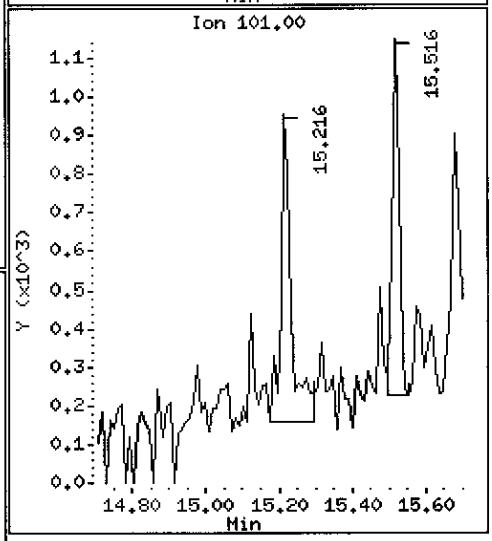












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9460.D

Date : 25-AUG-2005 14:45

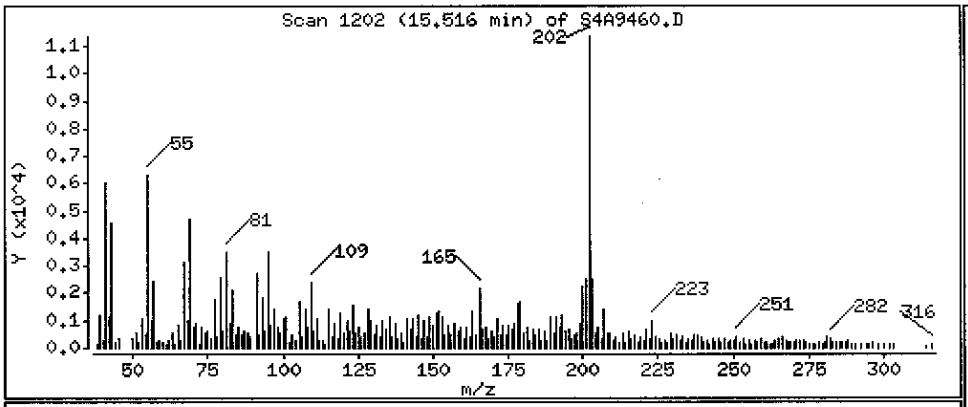
Client ID: SS05-S-0 Instrument: S4.i

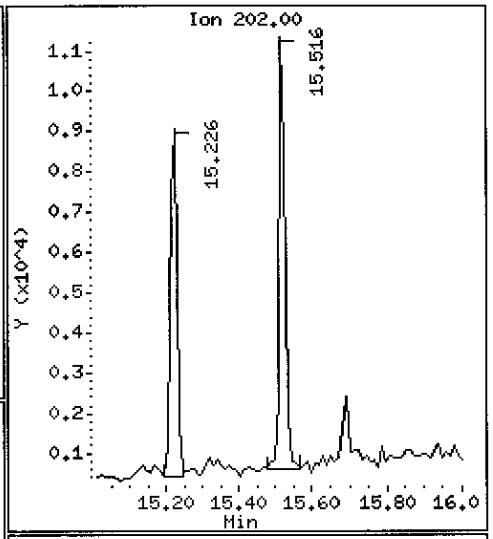
Sample Info: D0926-17A,,19468,,

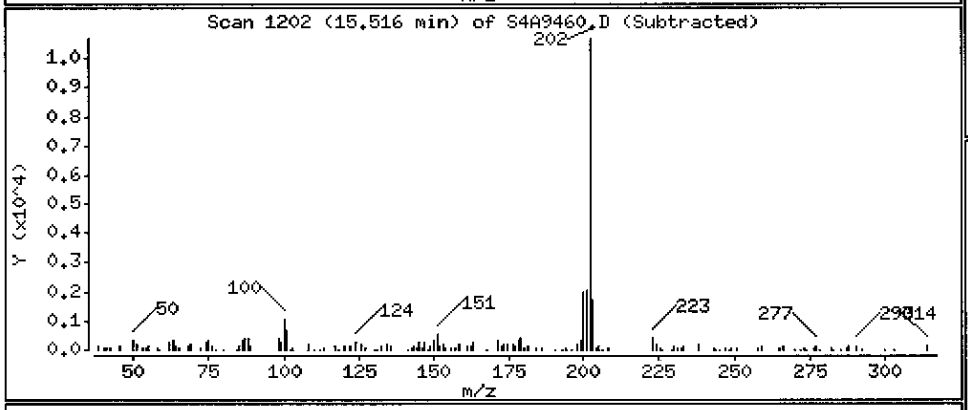
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

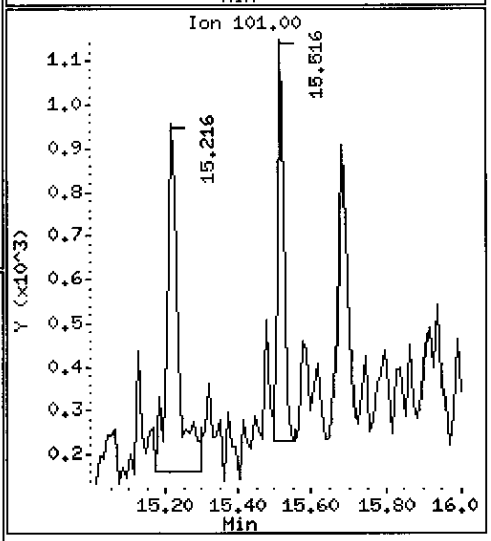
Column phase: DB-5MS Column diameter: 0.25

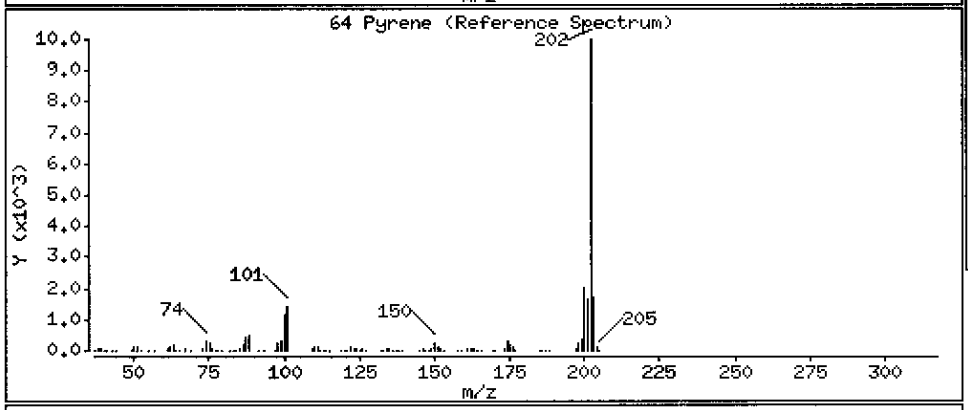
64 Pyrene Concentration: 77 ug/Kg

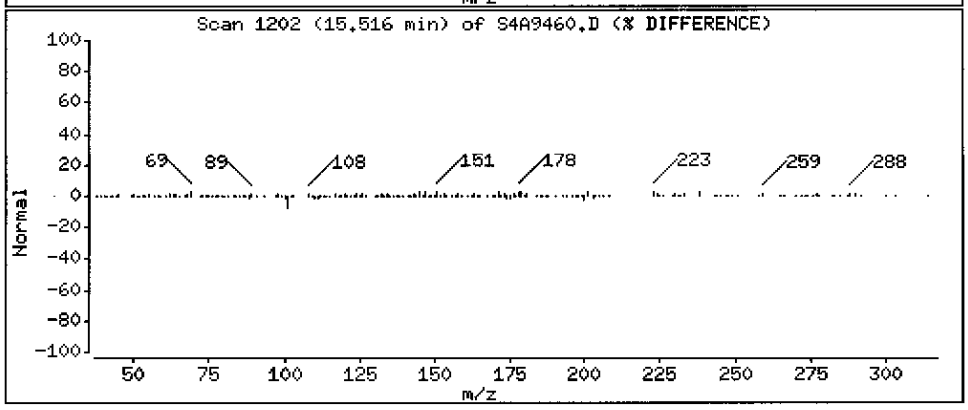












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9460.D

Date : 25-AUG-2005 14:45

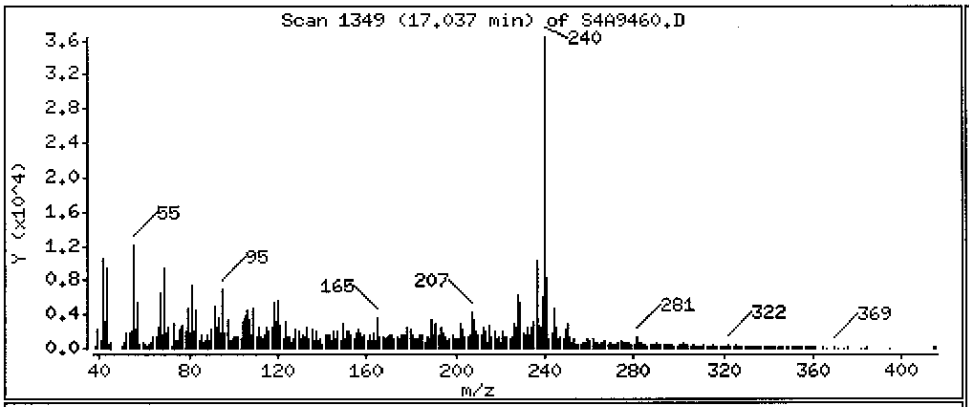
Client ID: SS05-S-0 Instrument: S4.i

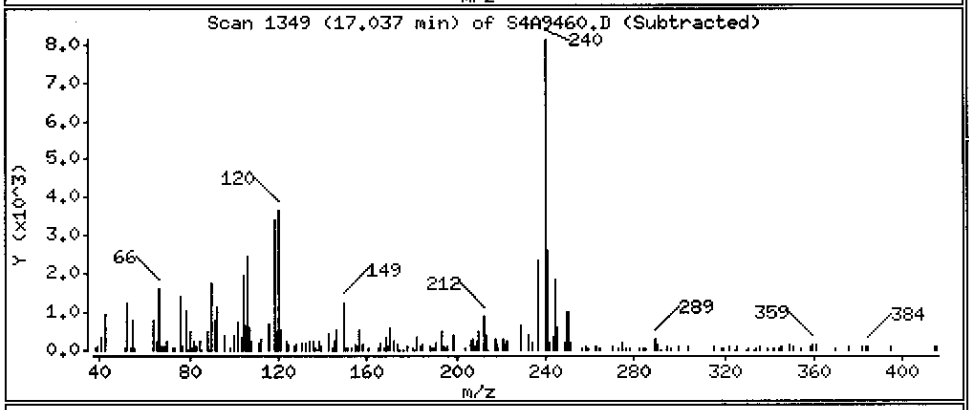
Sample Info: D0926-17A,,19468,,

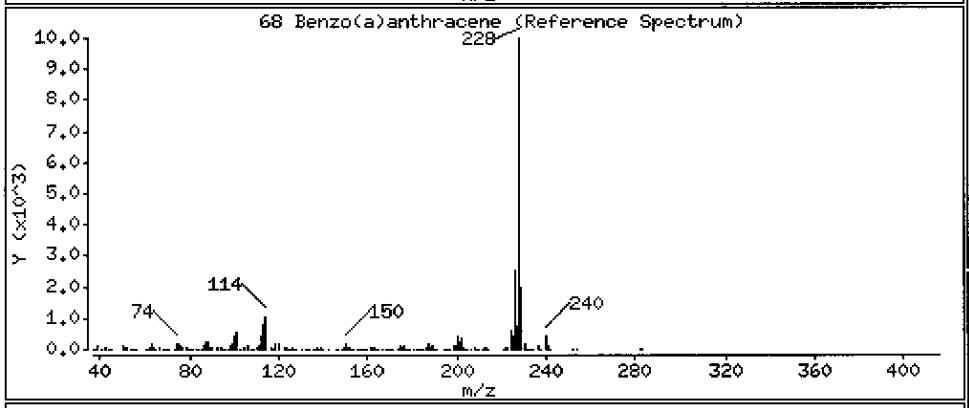
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

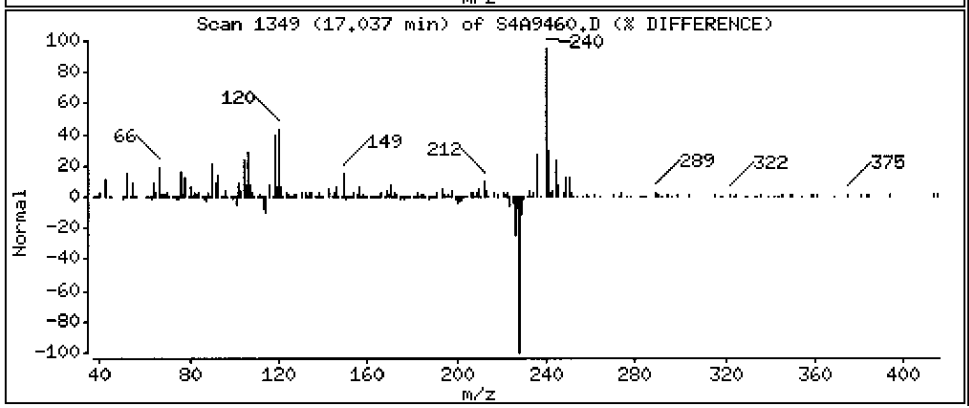
Column phase: DB-5MS Column diameter: 0.25

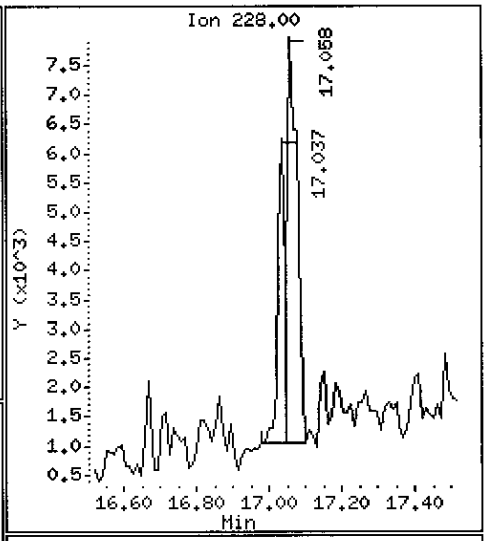
68 Benzo(a)anthracene Concentration: 51 ug/Kg

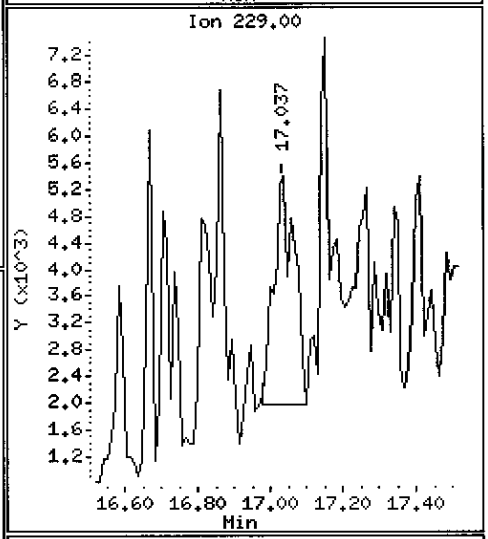


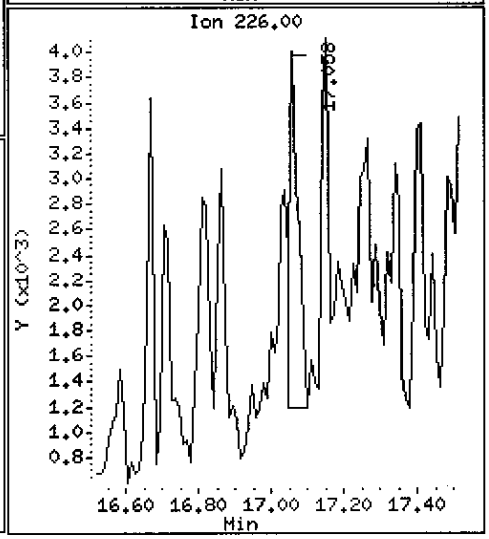












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9460.D

Date : 25-AUG-2005 14:45

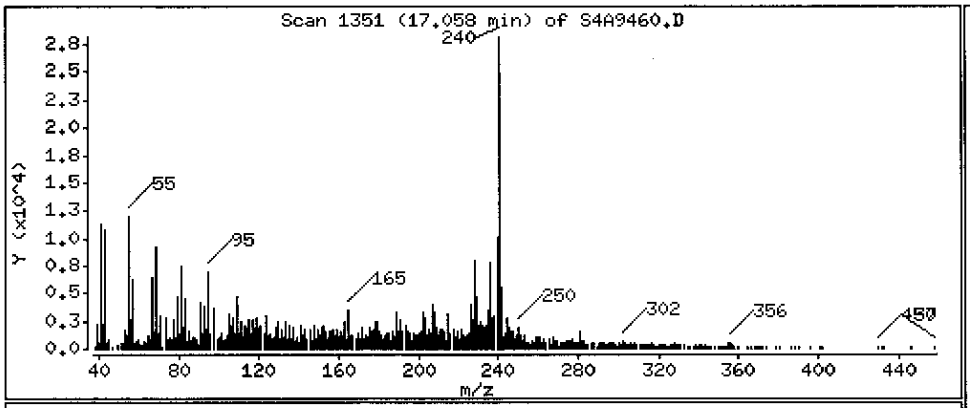
Client ID: SS05-S-0 Instrument: S4.i

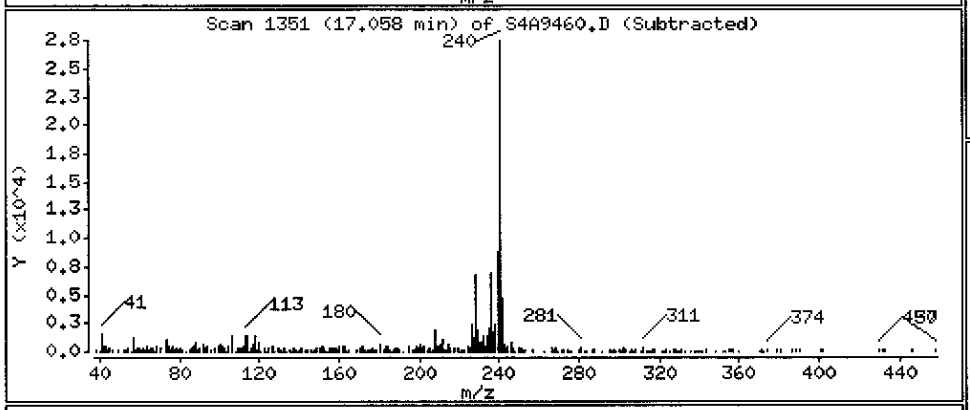
Sample Info: D0926-17A,,19468,,

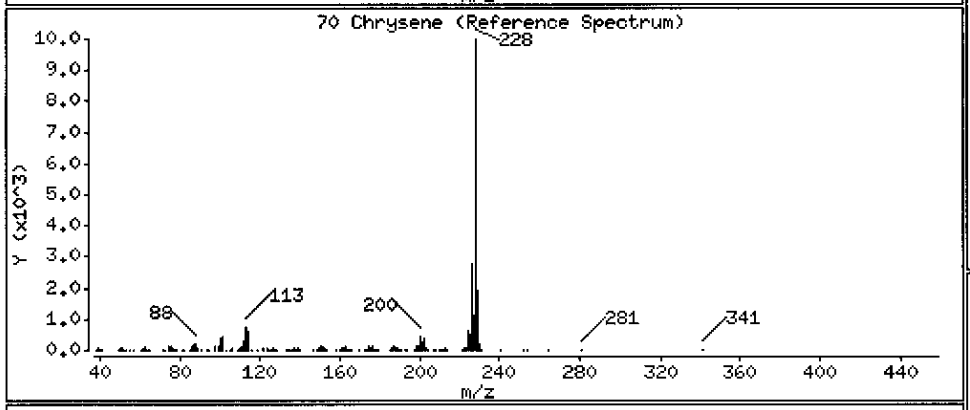
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

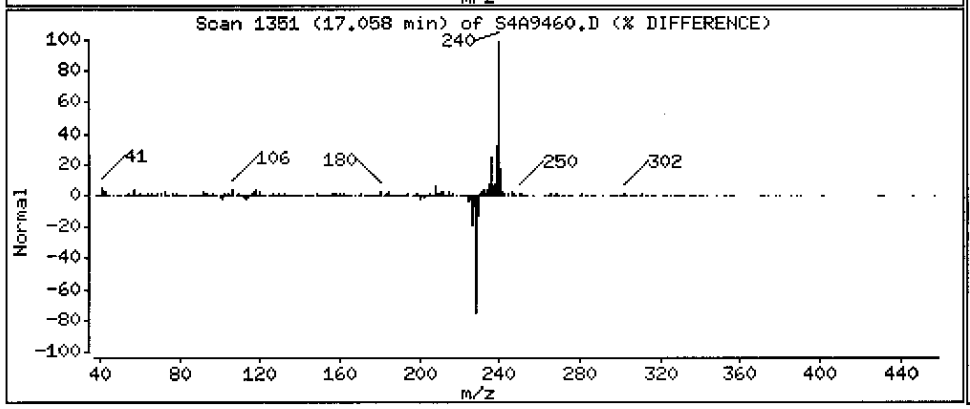
Column phase: DB-5MS Column diameter: 0.25

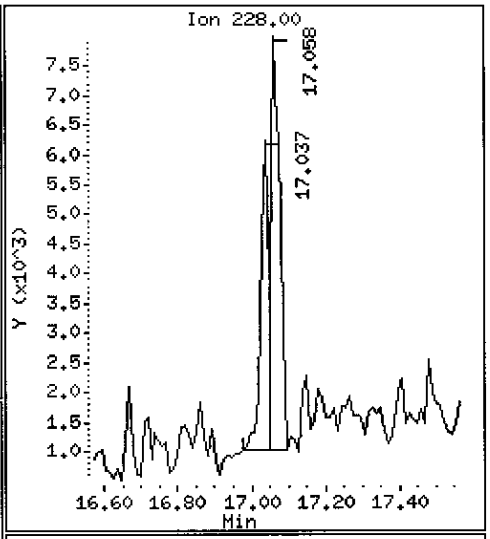
70 Chrysene Concentration: 94 ug/Kg

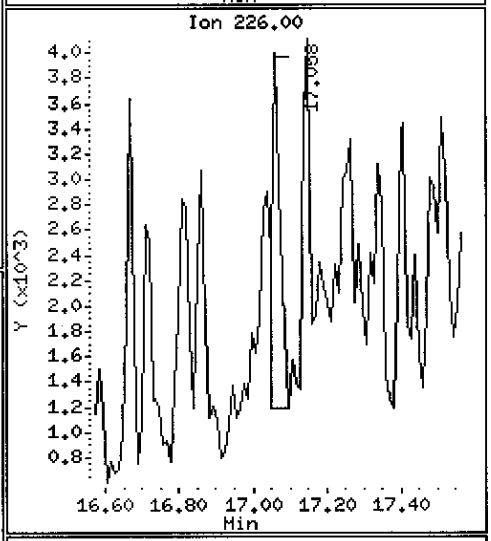


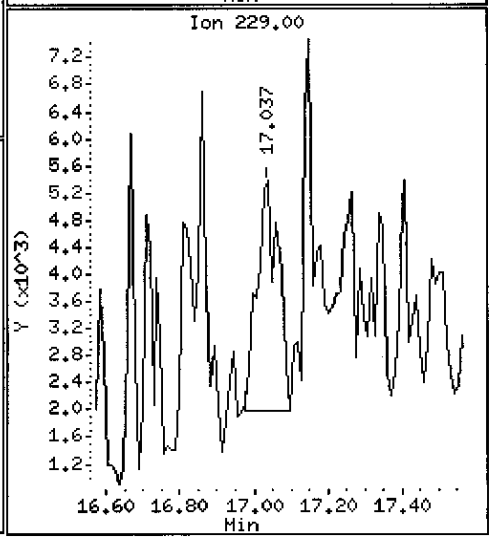












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9460.D

Date : 25-AUG-2005 14:45

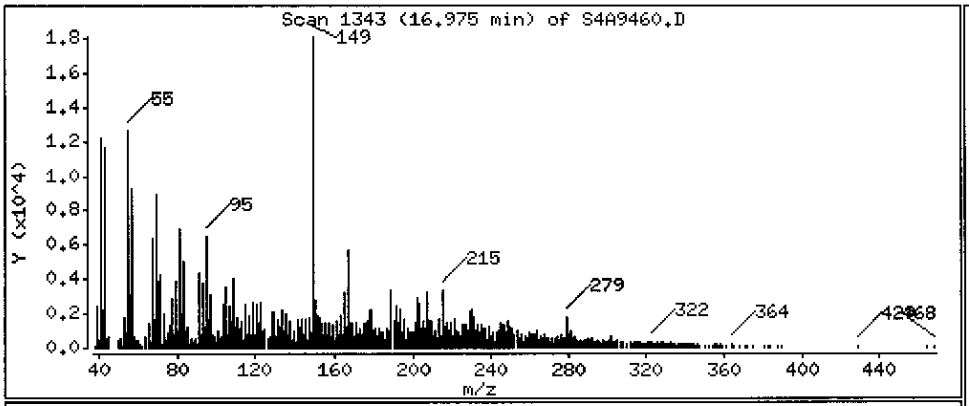
Client ID: SS05-S-0 Instrument: S4.i

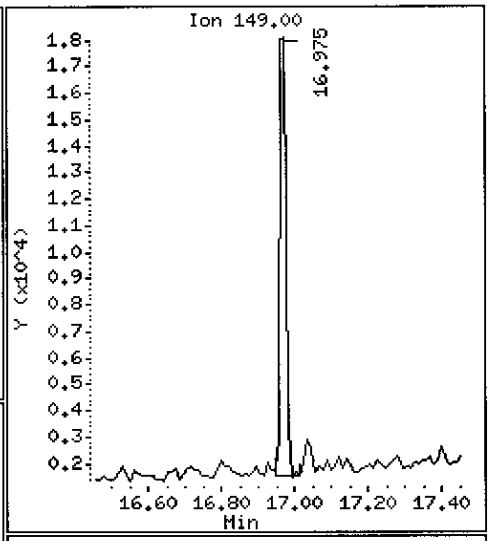
Sample Info: D0926-17A,,19468,,

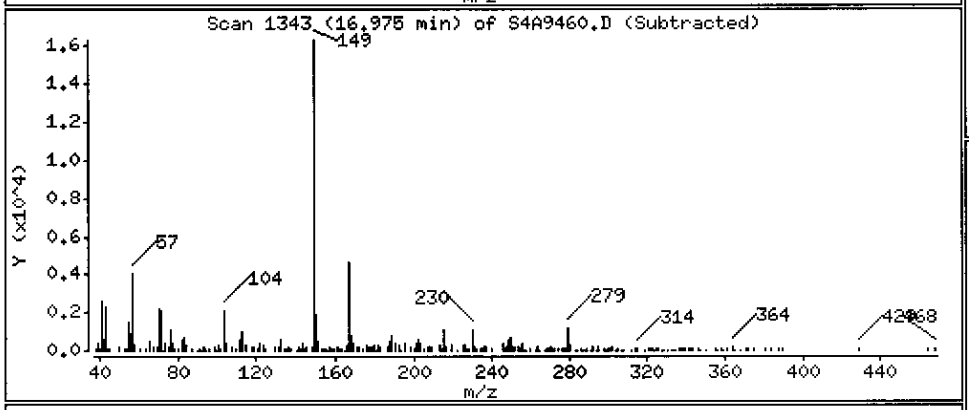
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

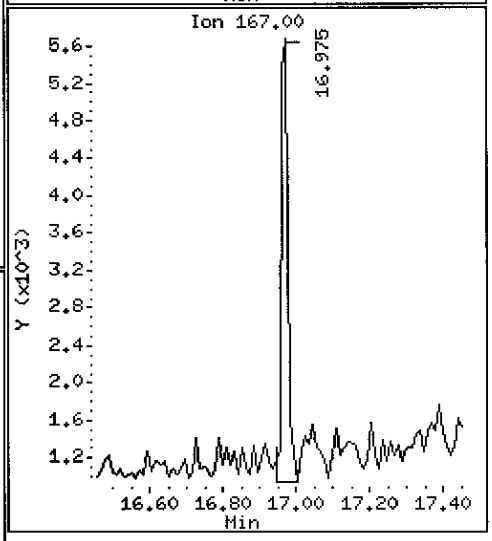
Column phase: DB-5MS Column diameter: 0.25

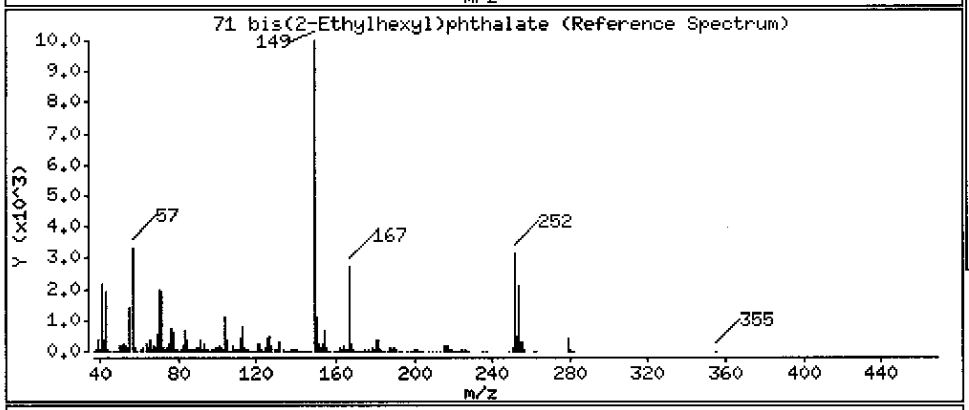
71 bis(2-Ethylhexyl)phthalate Concentration: 180 ug/Kg

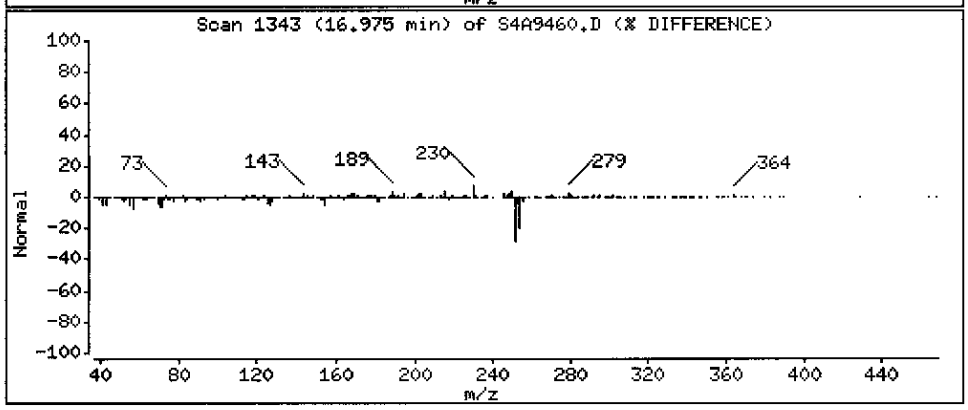












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9460.D

Date : 25-AUG-2005 14:45

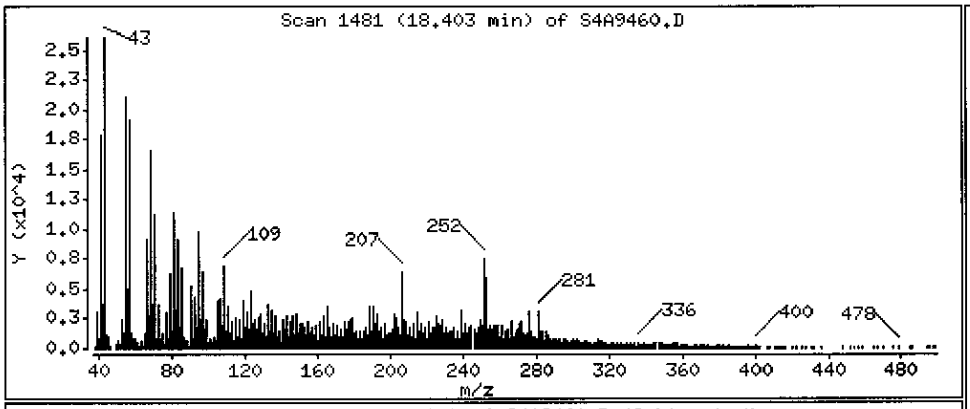
Client ID: SS05-S-0 Instrument: S4.i

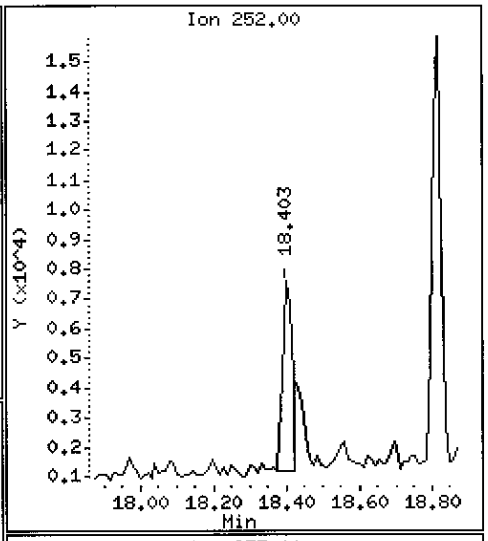
Sample Info: D0926-17A,,19468,,

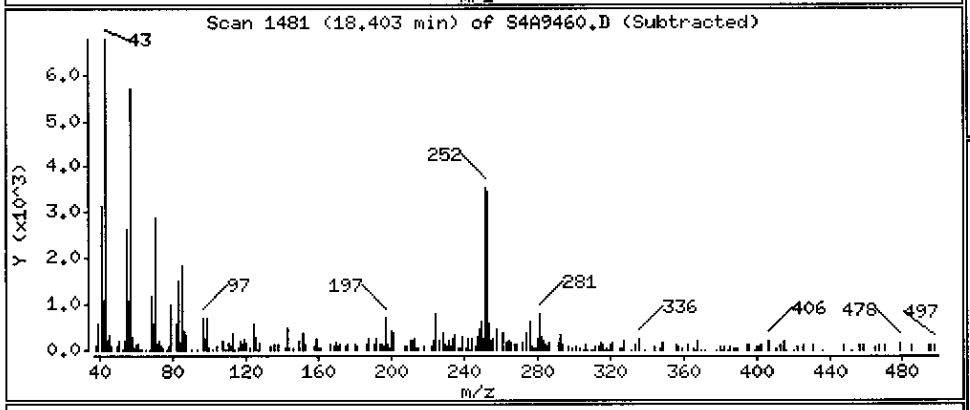
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

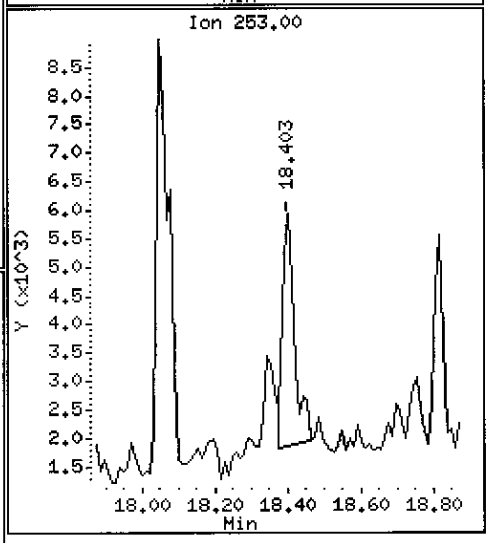
Column phase: DB-5MS Column diameter: 0.25

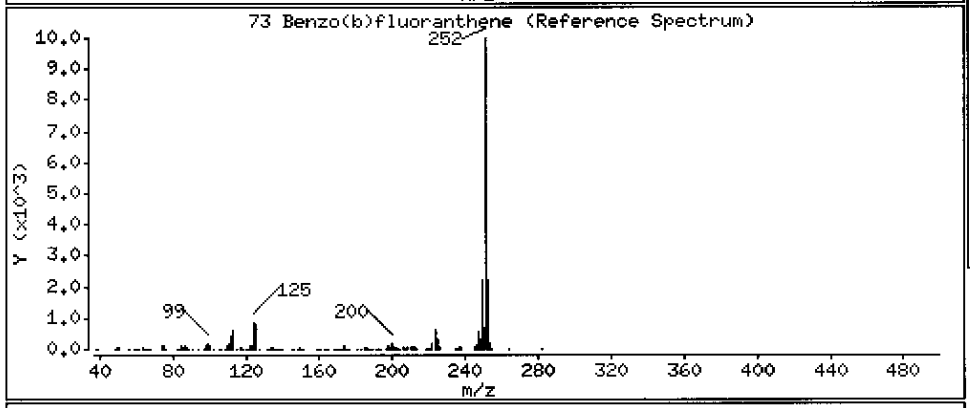
73 Benzo(b)fluoranthene Concentration: 72 ug/Kg

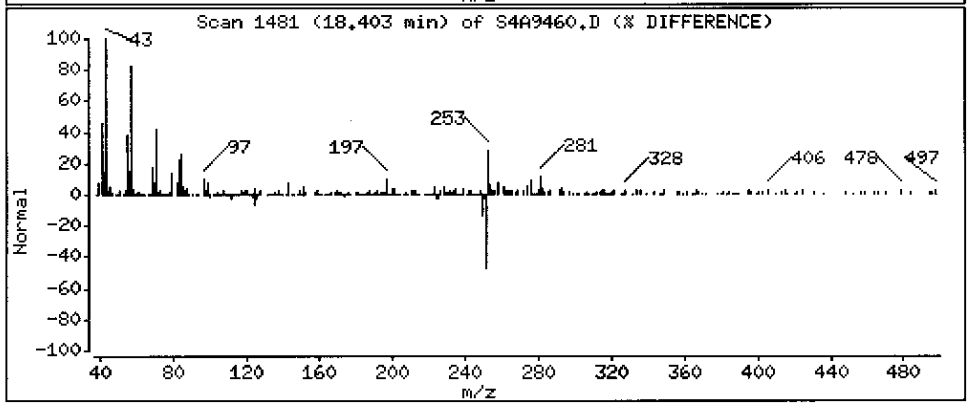












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9460.D

Date : 25-AUG-2005 14:45

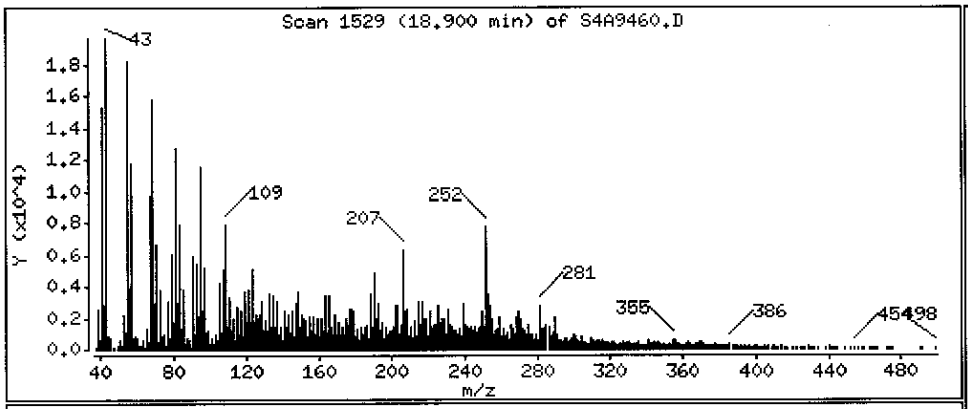
Client ID: SS05-S-0 Instrument: S4.i

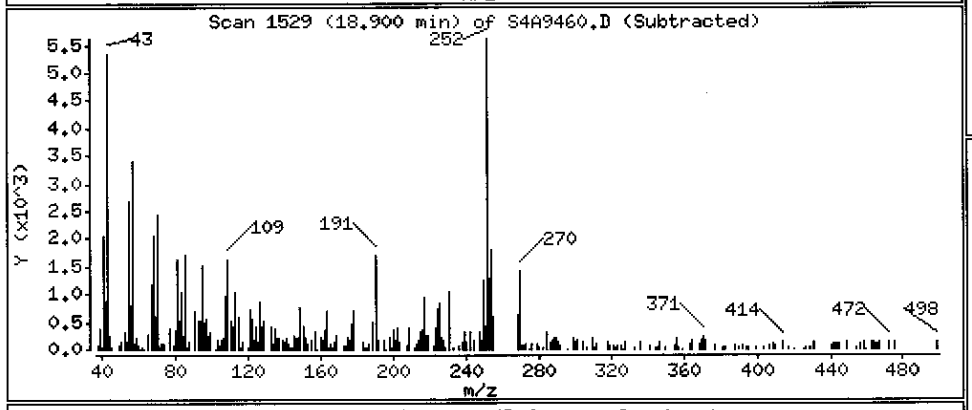
Sample Info: D0926-17A,,19468,,

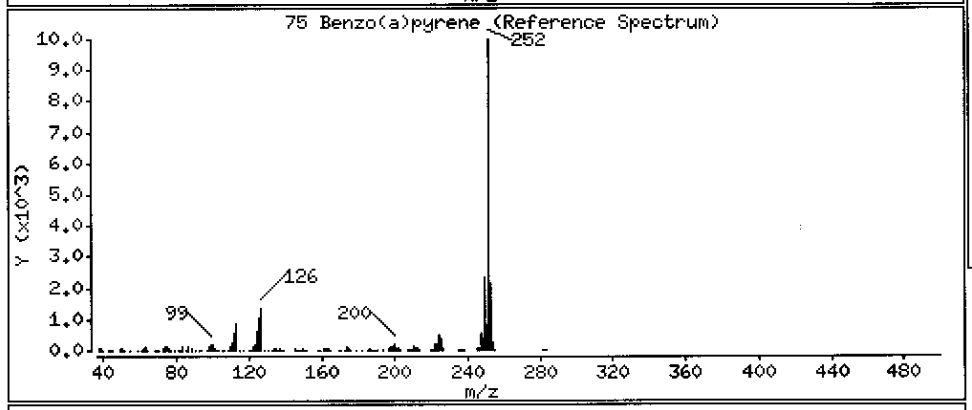
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

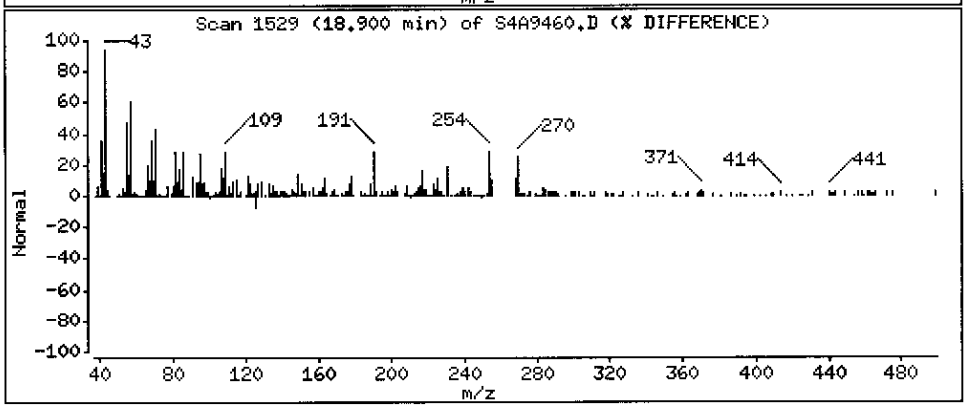
Column phase: DB-5MS Column diameter: 0.25

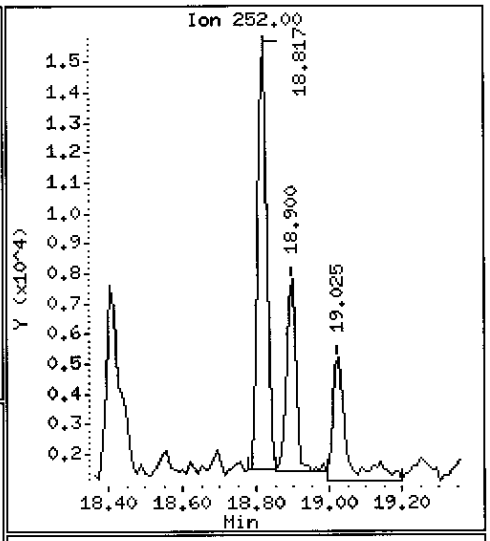
75 Benzo(a)pyrene Concentration: 84 ug/Kg

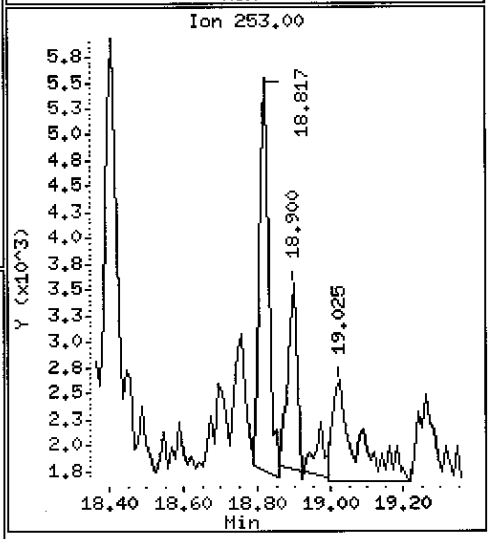












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9460.D

Date : 25-AUG-2005 14:45

Client ID: SS05-S-O

Instrument: S4.i

Sample Info: D0926-17A,,19468,,

Volume Injected (uL): 2.0

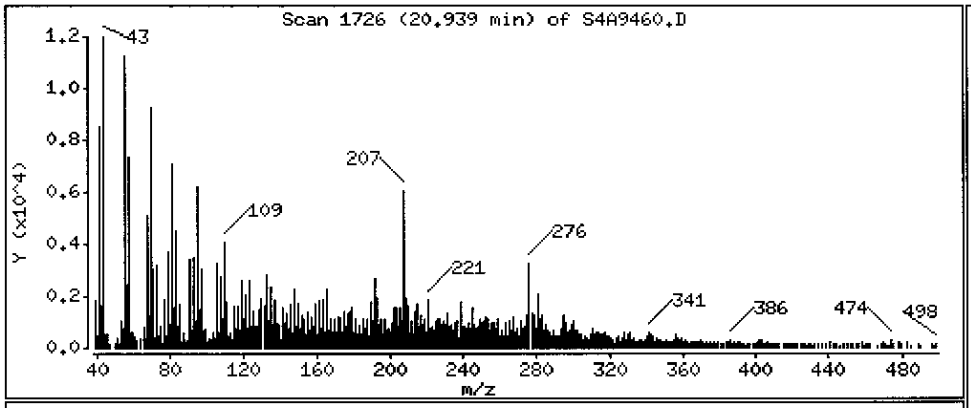
Operator: AW SRC: LIMS

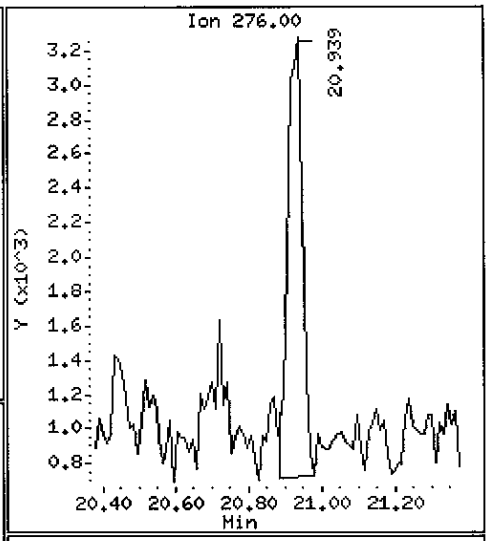
Column phase: DB-5MS

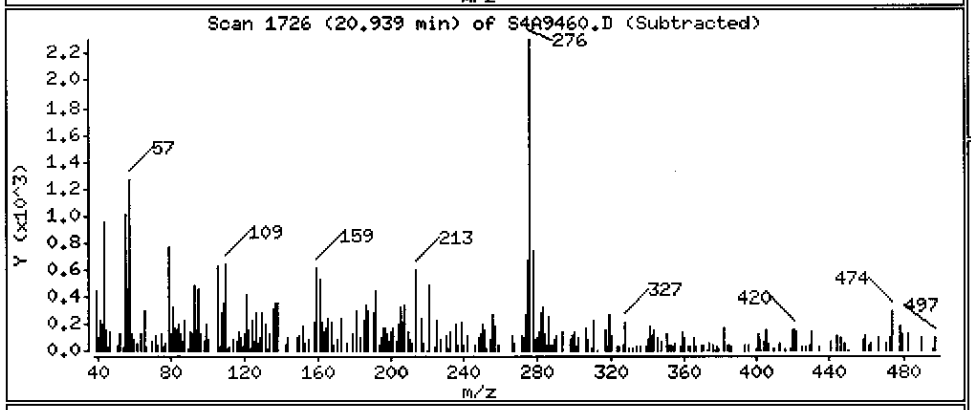
Column diameter: 0.25

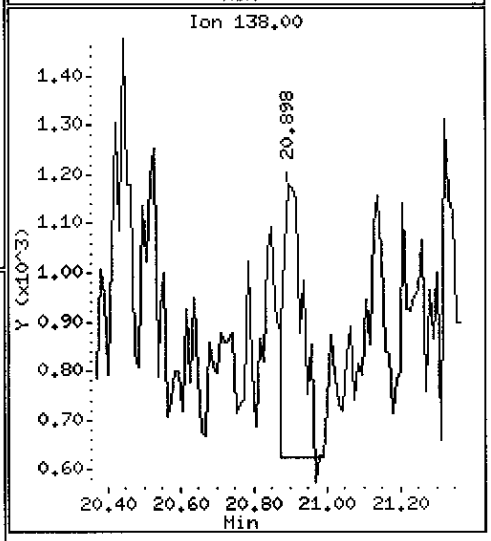
77 Indeno(1,2,3-cd)pyrene

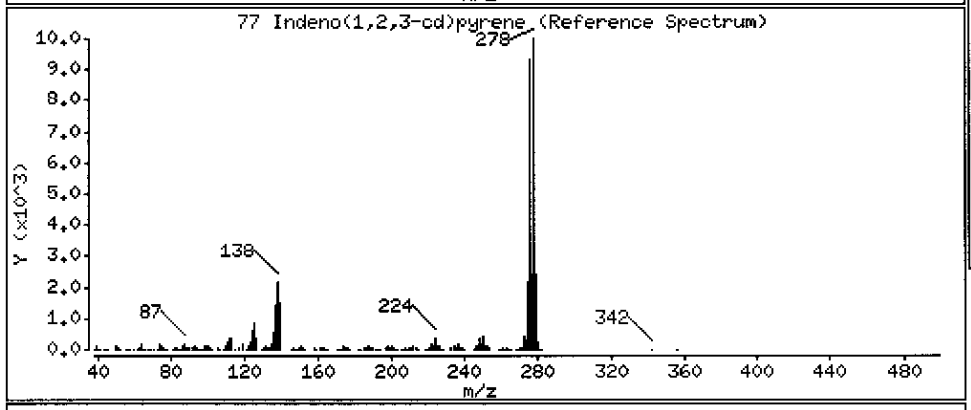
Concentration: 44 ug/Kg

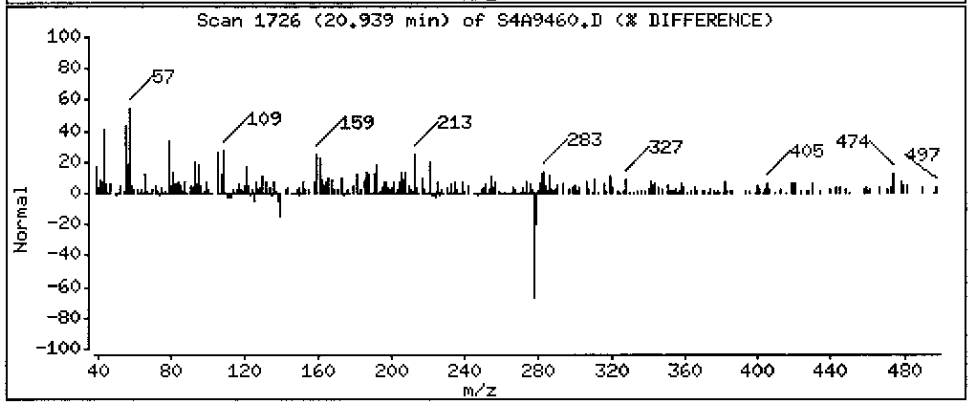












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9460.D

Date : 25-AUG-2005 14:45

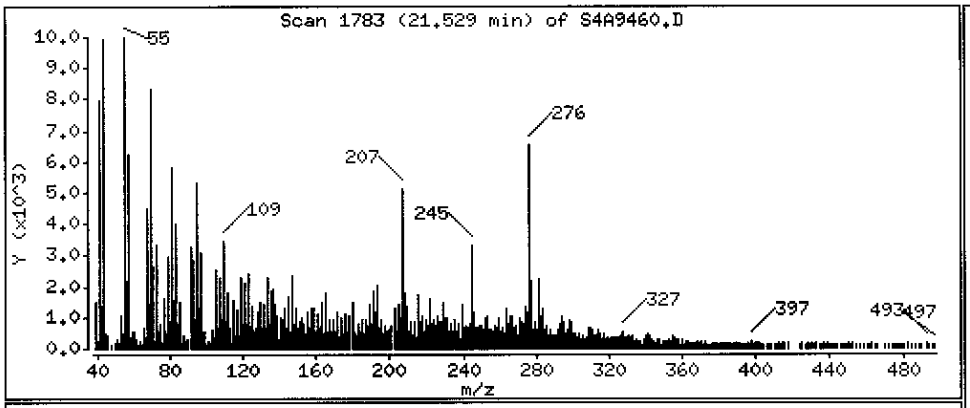
Client ID: SS05-S-0 Instrument: S4.i

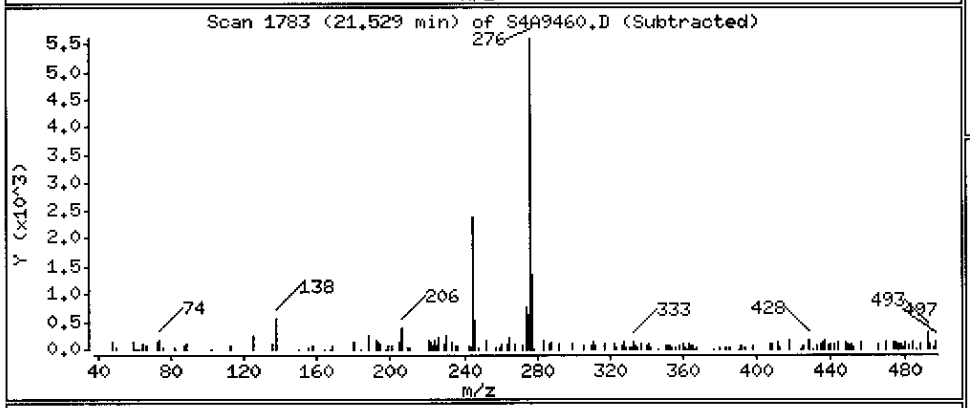
Sample Info: D0926-17A,,19468,,

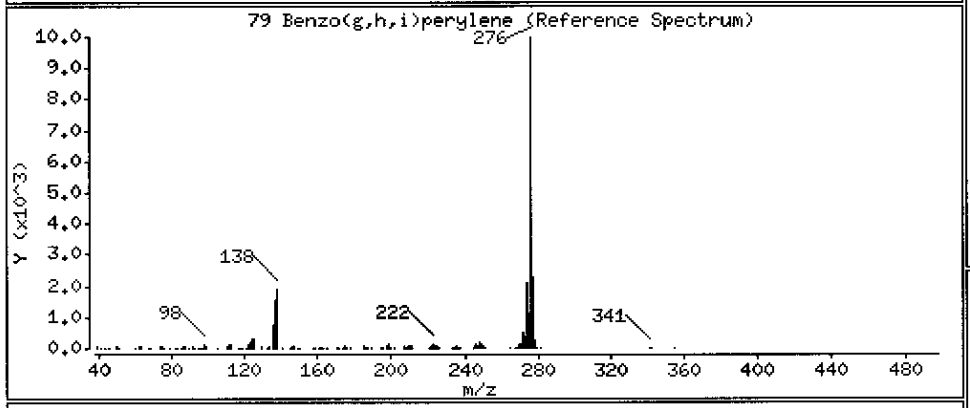
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

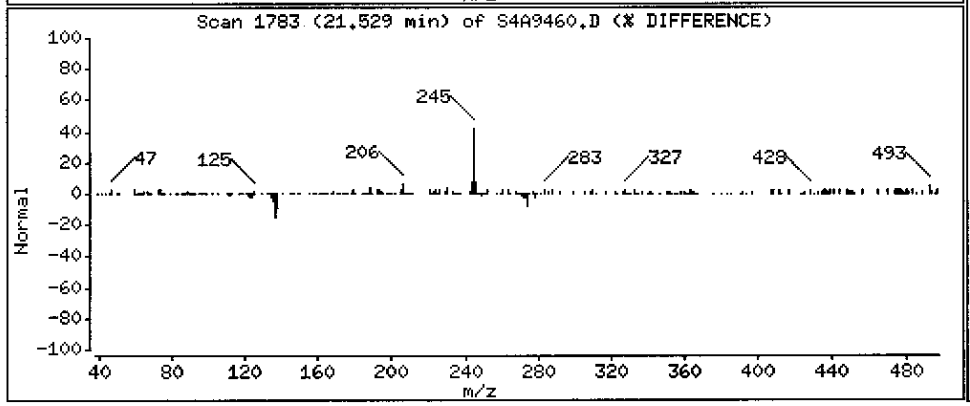
Column phase: DB-5MS Column diameter: 0.25

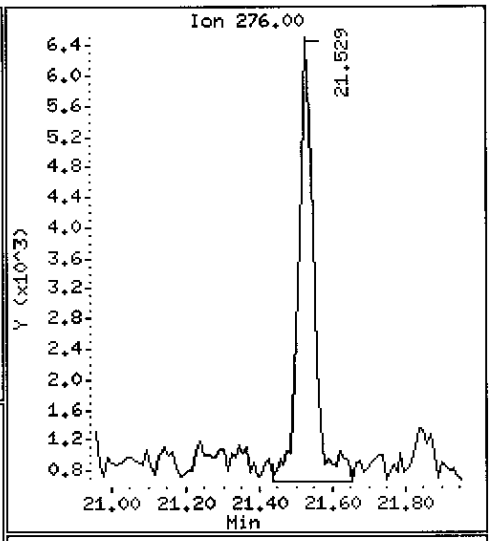
79 Benzo(g,h,i)perylene Concentration: 140 ug/Kg

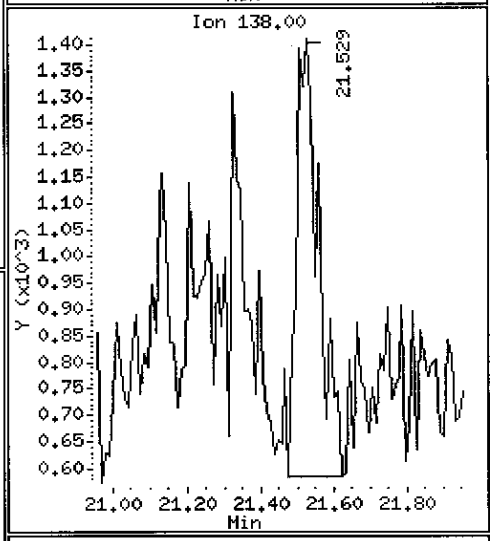


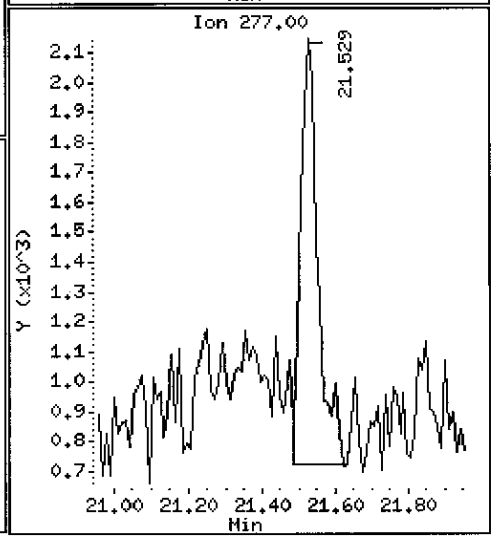












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9460.D

Date : 25-AUG-2005 14:45

Client ID: SS05-S-O

Instrument: S4.i

Sample Info: D0926-17A,,19468,,

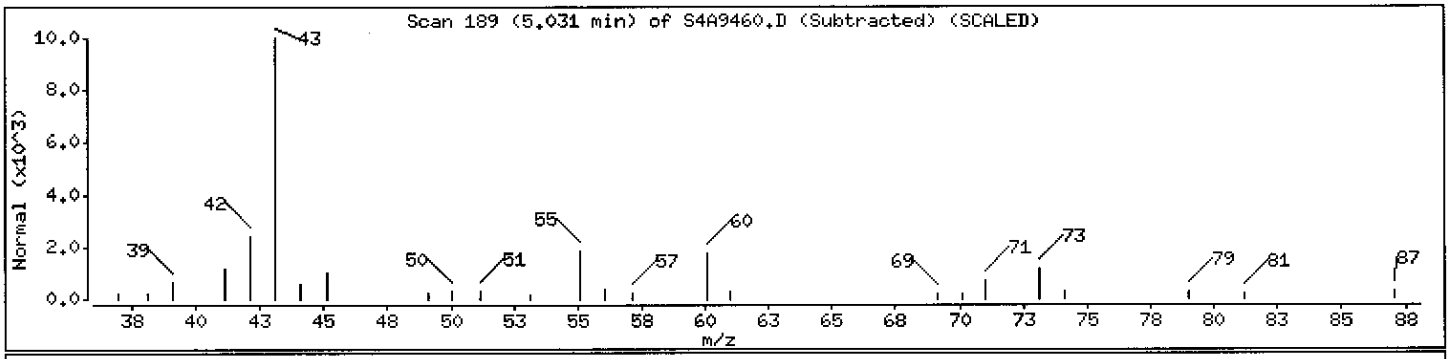
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9460.D

Date : 25-AUG-2005 14:45

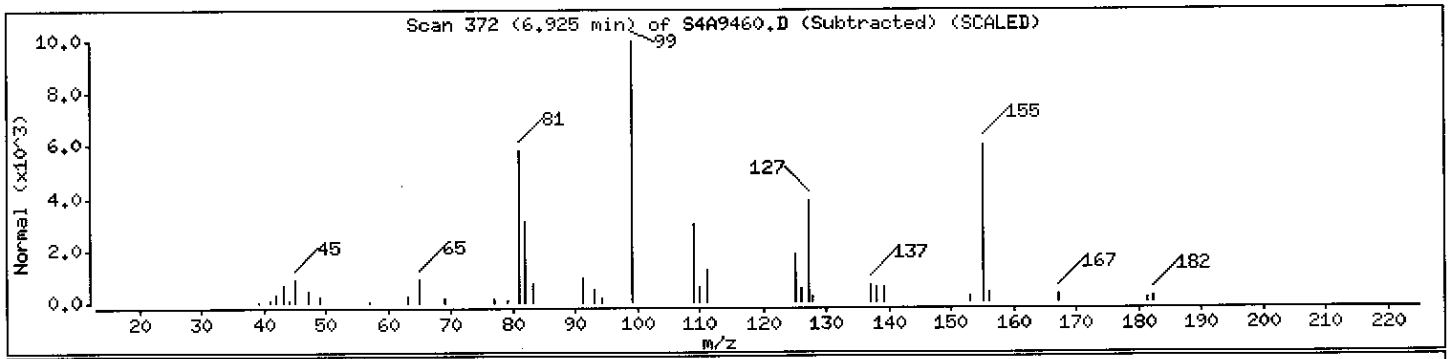
Client ID: SS05-S-0 Instrument: S4.i

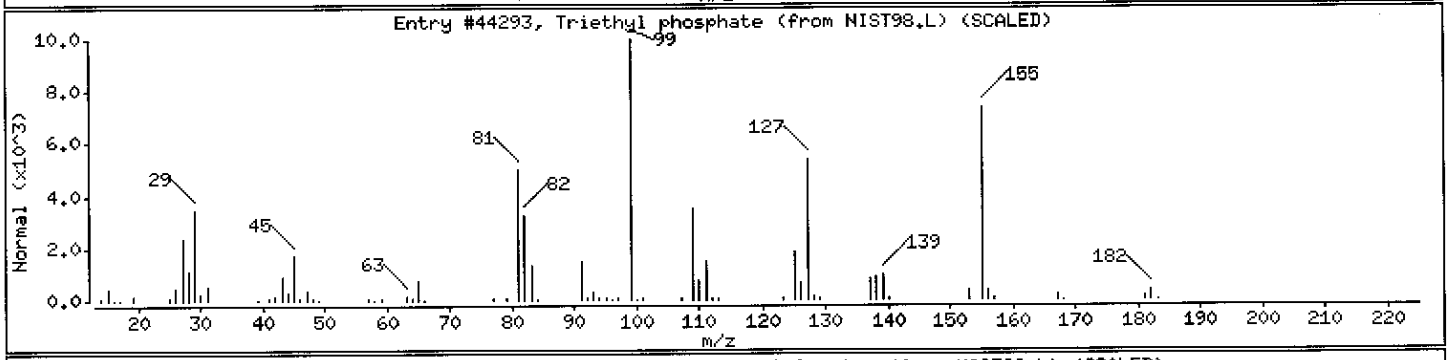
Sample Info: D0926-17A,,19468,,

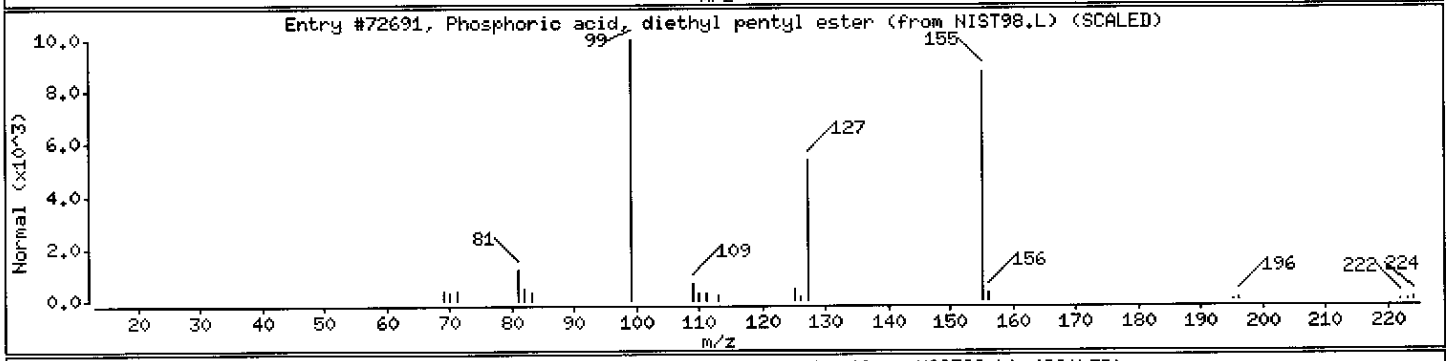
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

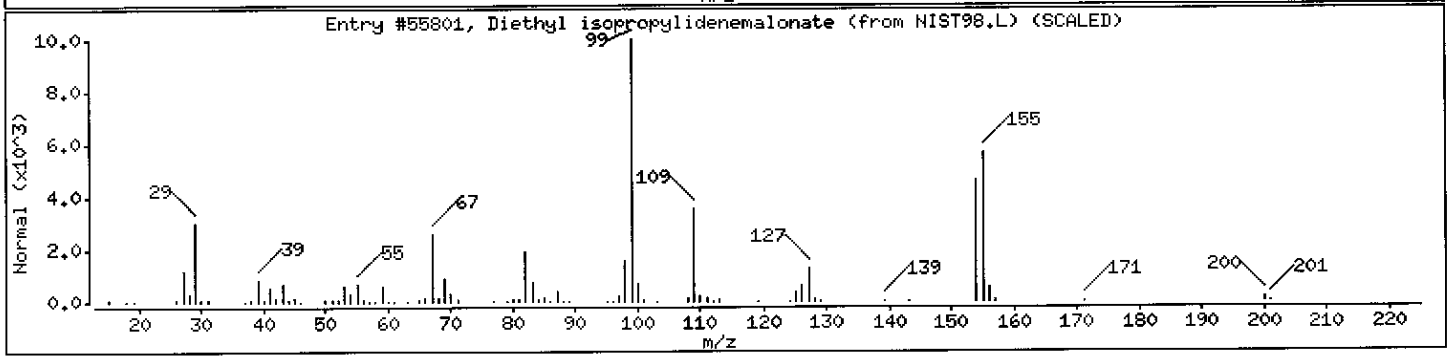
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Triethyl phosphate	78-40-0	NIST98.L	44293	94	C6H15O4P	182
Phosphoric acid, diethyl pentyl ester	20195-08-8	NIST98.L	72691	45	C9H21O4P	224
Diethyl isopropylidenemalonate	6802-75-1	NIST98.L	55801	42	C10H16O4	200









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9460.D

Date : 25-AUG-2005 14:45

Client ID: SS05-S-0

Instrument: S4.i

Sample Info: D0926-17A,,19468,,

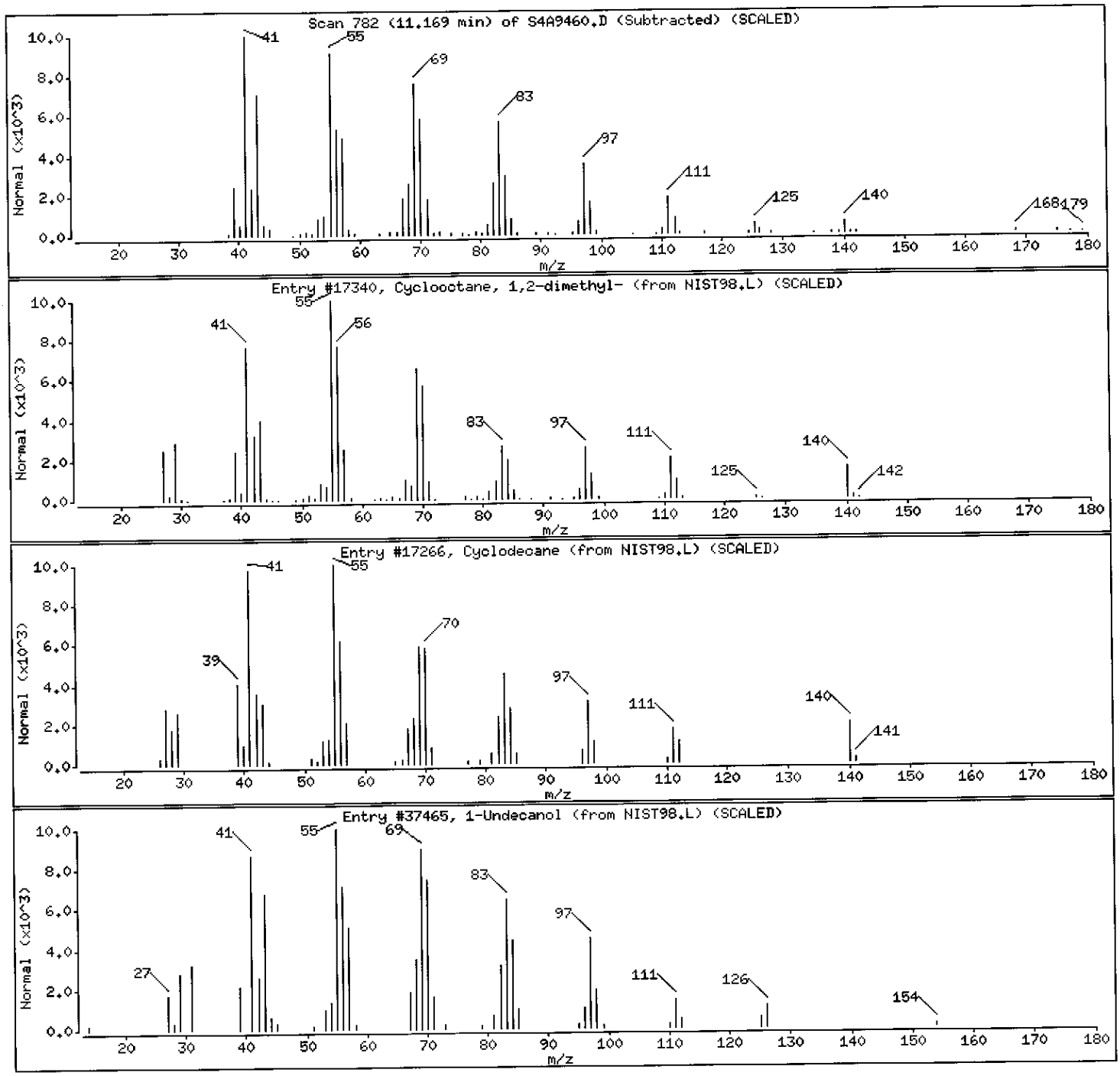
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Cyclooctane, 1,2-dimethyl-	13151-94-5	NIST98.L	17340	94	C10H20	140
Cyclodecane	293-96-9	NIST98.L	17266	93	C10H20	140
1-Undecanol	112-42-5	NIST98.L	37465	91	C11H24O	172



Data File: \\AVOCADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9460.D

Date : 25-AUG-2005 14:45

Client ID: SS05-S-0

Instrument: S4.i

Sample Info: D0926-17A,,19468,,

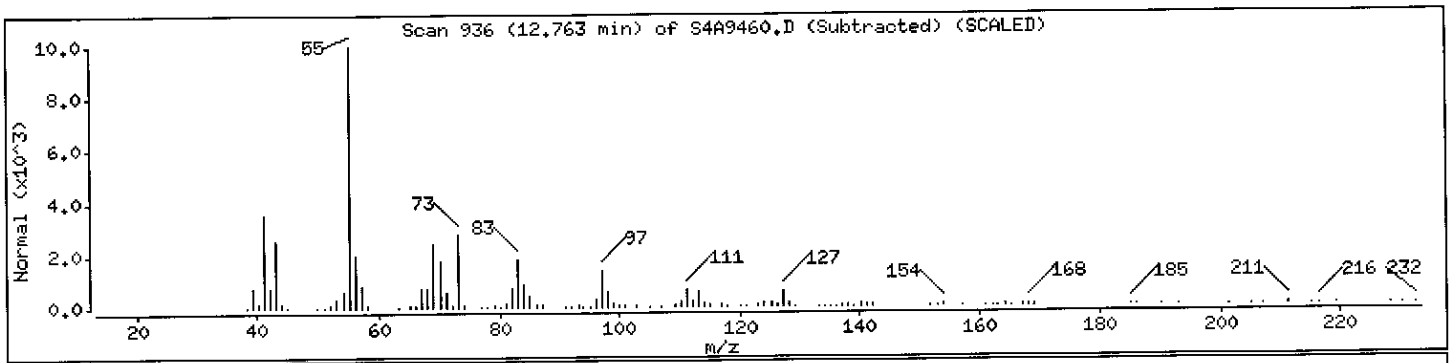
Volume Injected (uL): 2.0

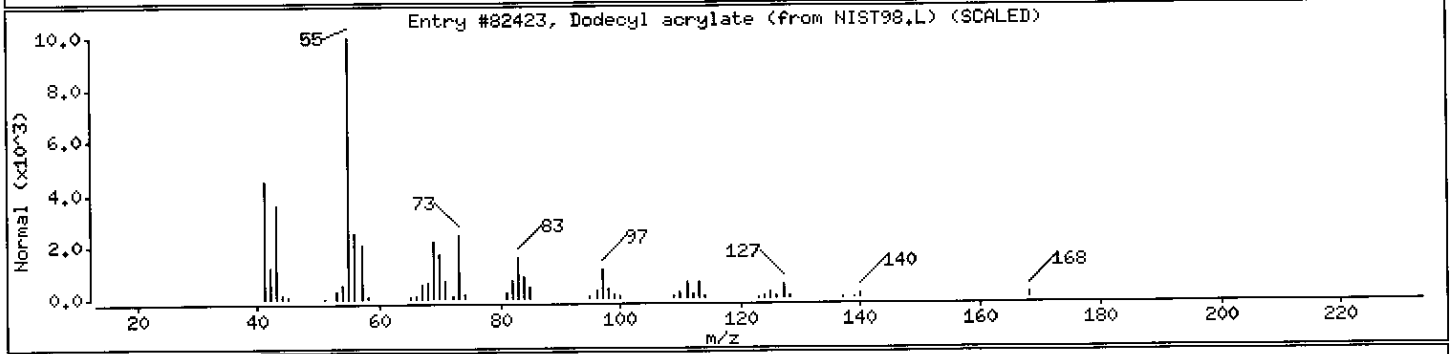
Operator: AW SRC: LIMS

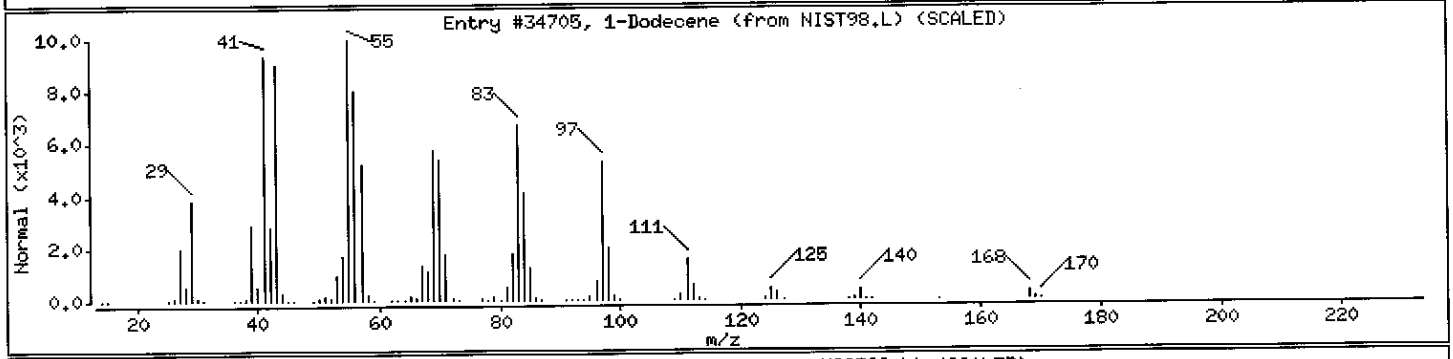
Column phase: DB-5MS

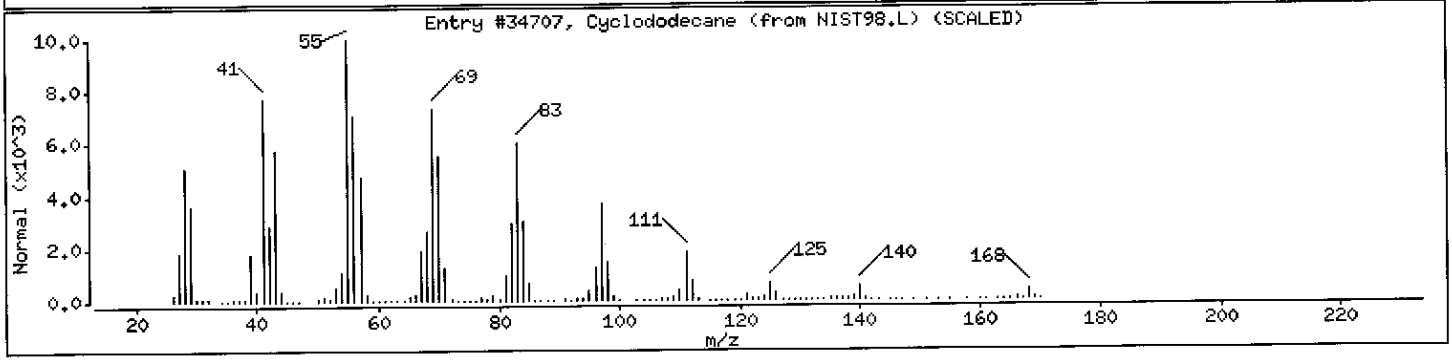
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Dodecyl acrylate	2156-97-0	NIST98.L	82423	64	C15H2802	240
1-Dodecene	112-41-4	NIST98.L	34705	50	C12H24	168
Cyclododecane	294-62-2	NIST98.L	34707	46	C12H24	168









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9460.D

Date : 25-AUG-2005 14:45

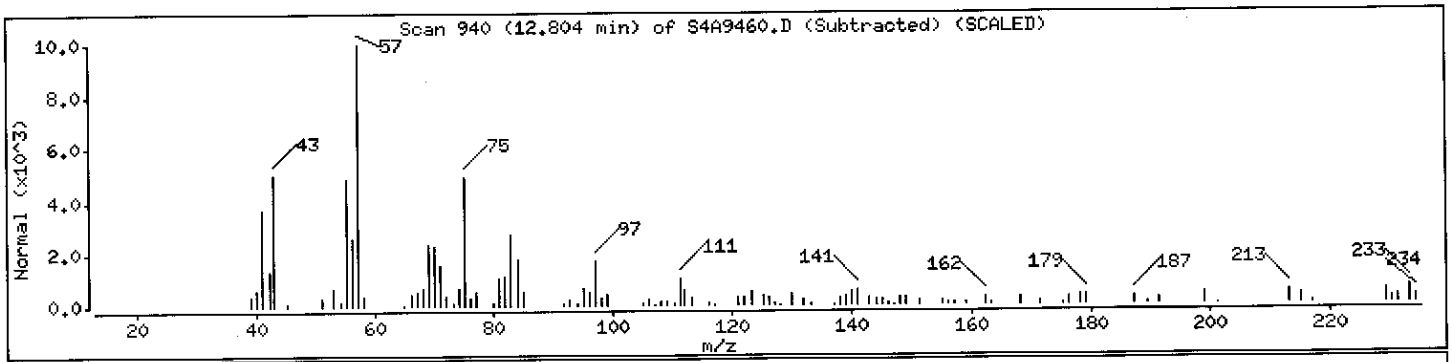
Client ID: SS05-S-0 Instrument: S4.i

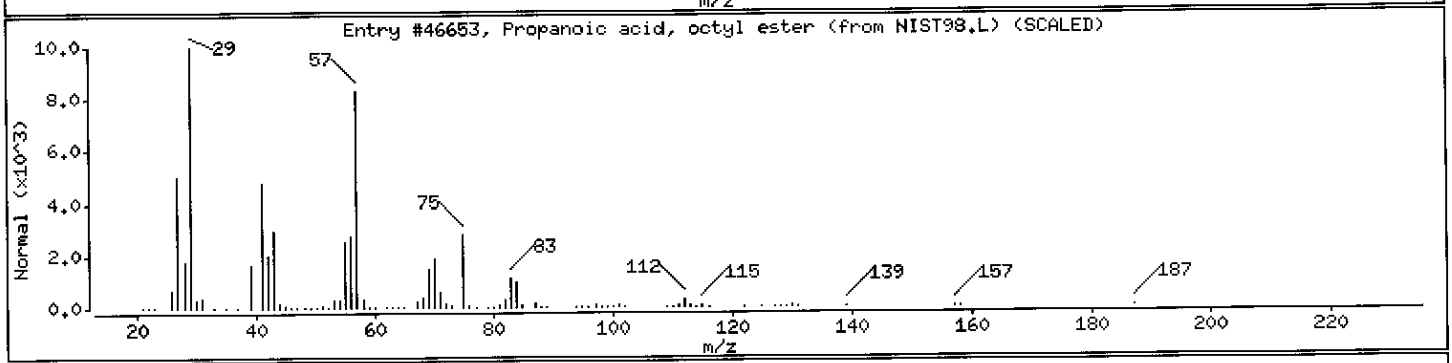
Sample Info: D0926-17A,,19468,,

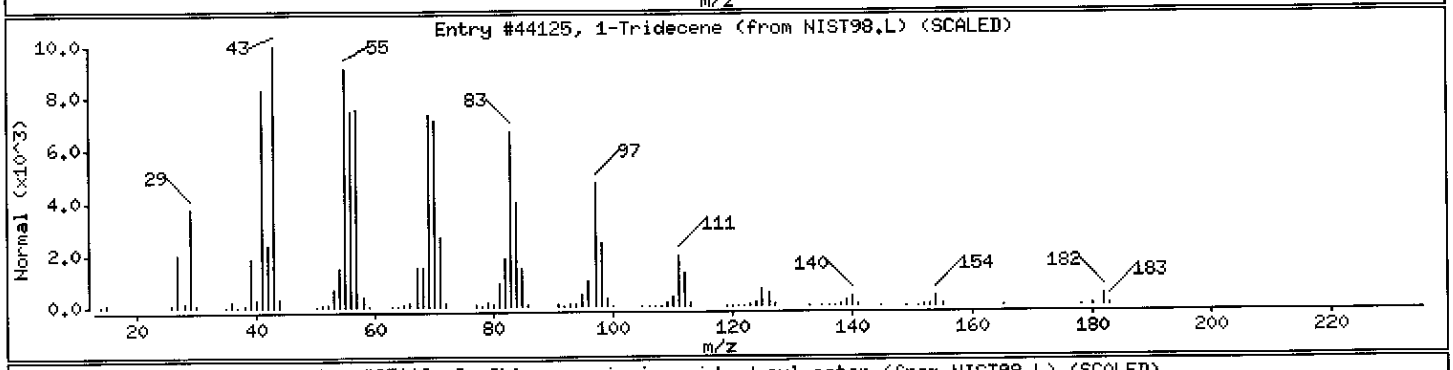
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

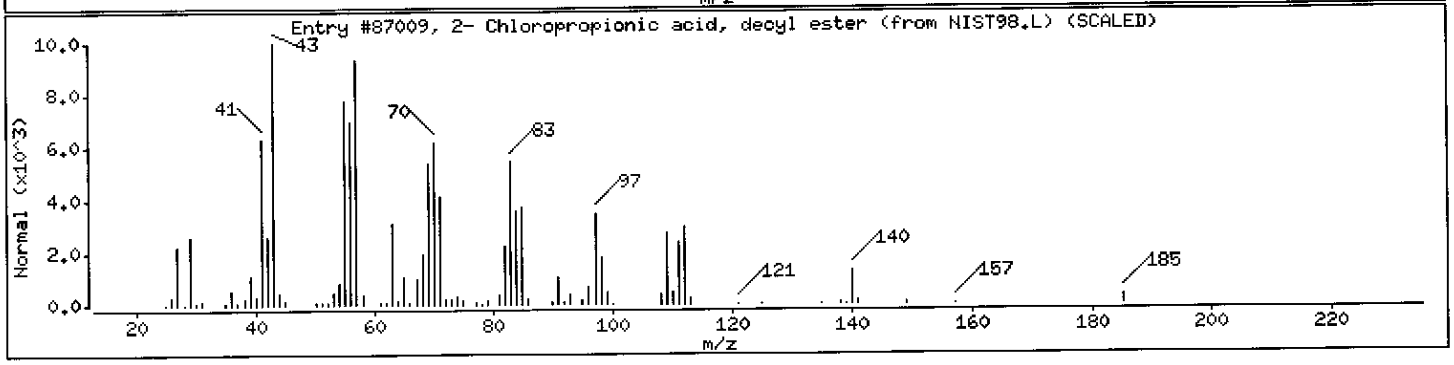
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Propanoic acid, octyl ester	142-60-9	NIST98.L	46653	53	C11H2202	186
1-Tridecene	2437-56-1	NIST98.L	44125	49	C13H26	182
2- Chloropropionic acid, decyl ester	86711-78-6	NIST98.L	87009	47	C13H25C102	248









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9460.D

Date : 25-AUG-2005 14:45

Client ID: SS05-S-0

Instrument: S4.i

Sample Info: D0926-17A,,19468,,

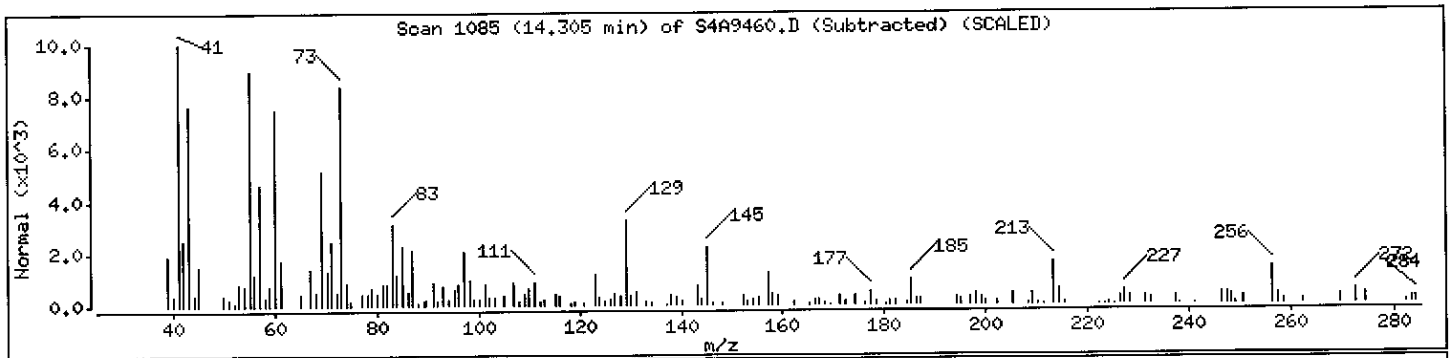
Volume Injected (uL): 2.0

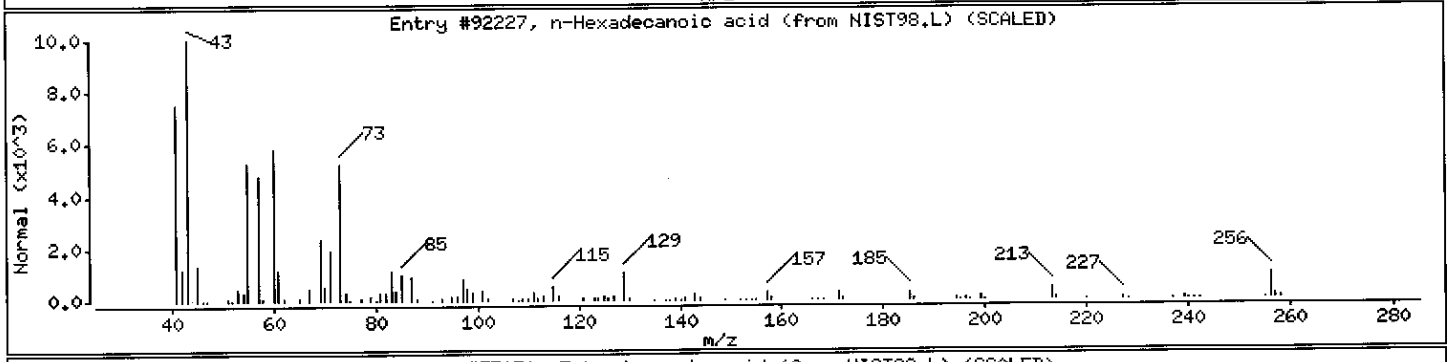
Operator: AW SRC: LIMS

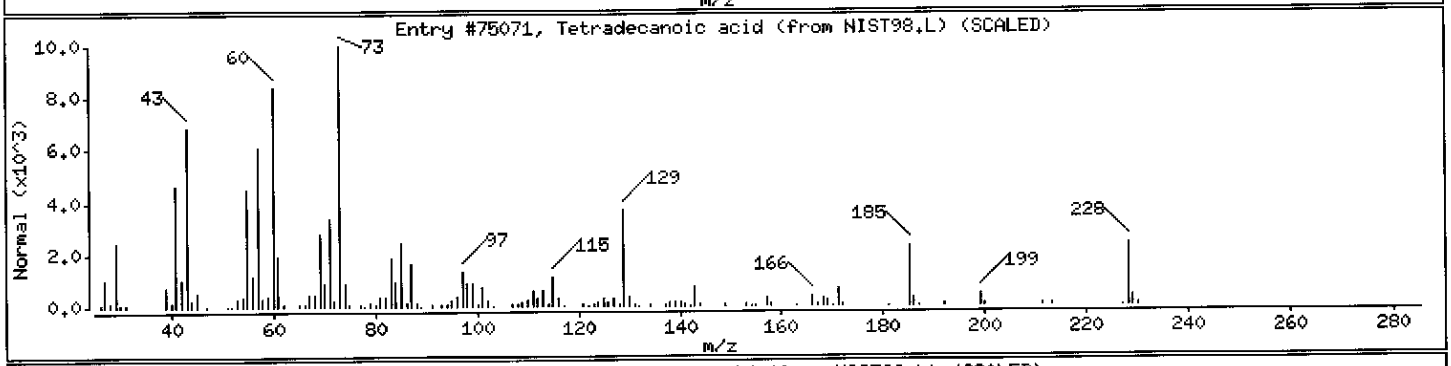
Column phase: DB-5MS

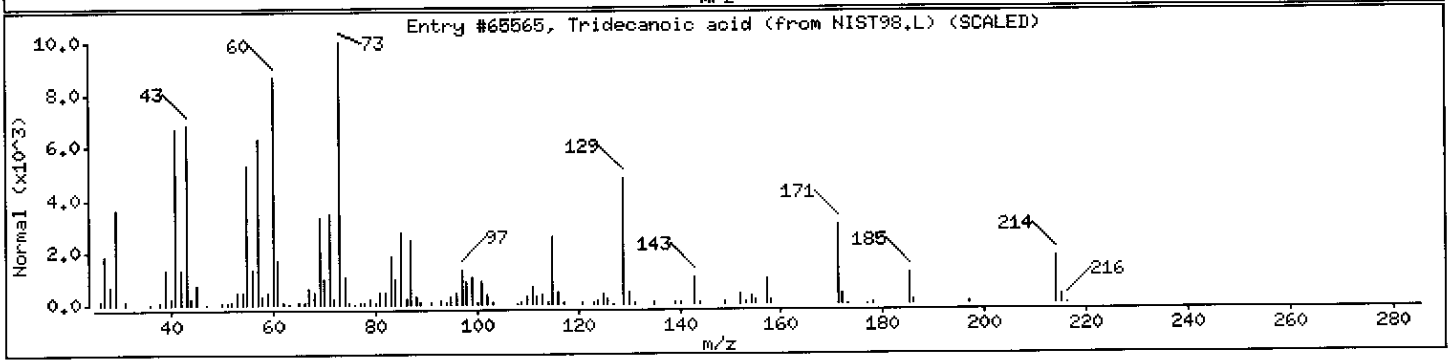
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
n-Hexadecanoic acid	57-10-3	NIST98.L	92227	93	C16H32O2	256
Tetradecanoic acid	544-63-8	NIST98.L	75071	86	C14H28O2	228
Tridecanoic acid	638-53-9	NIST98.L	65565	76	C13H26O2	214









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Date : 25-AUG-2005 14:45

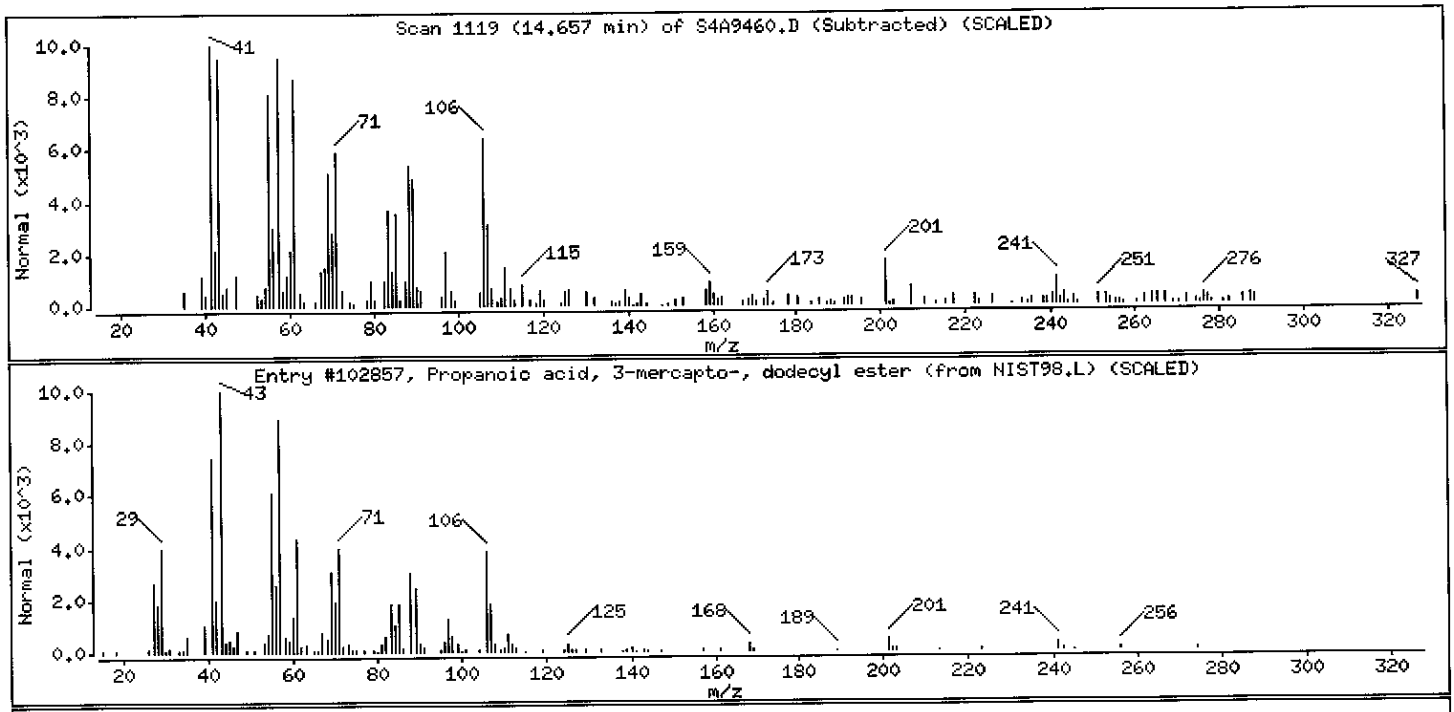
Client ID: SS05-S-0 Instrument: S4.i

Sample Info: D0926-17A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Propanoic acid, 3-mercapto-, dodecyl est	6380-71-8	NIST98.L	102857	90	C15H30O2S	274



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Date : 25-AUG-2005 14:45

Client ID: SS05-S-0

Instrument: S4.i

Sample Info: D0926-17A,,19468,,

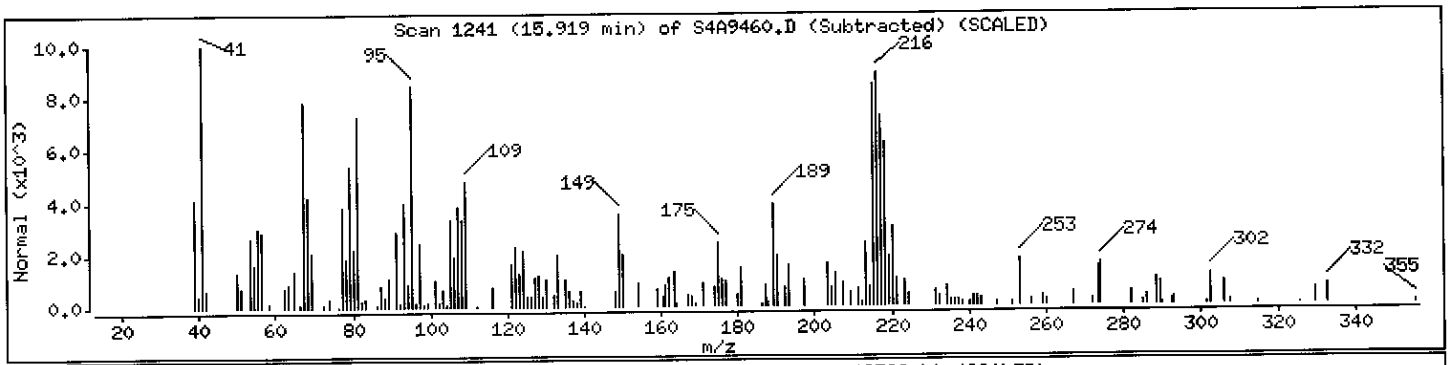
Volume Injected (uL): 2.0

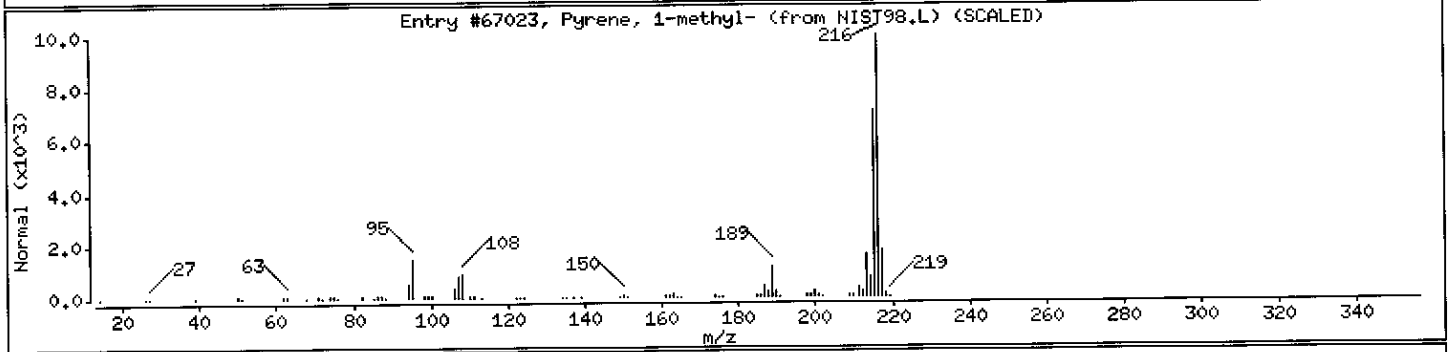
Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Pyrene, 1-methyl-	2381-21-7	NIST98.L	67023	53	C17H12	216





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Date : 25-AUG-2005 14:45

Client ID: SS05-S-0

Instrument: S4.i

Sample Info: D0926-17A,,19468,,

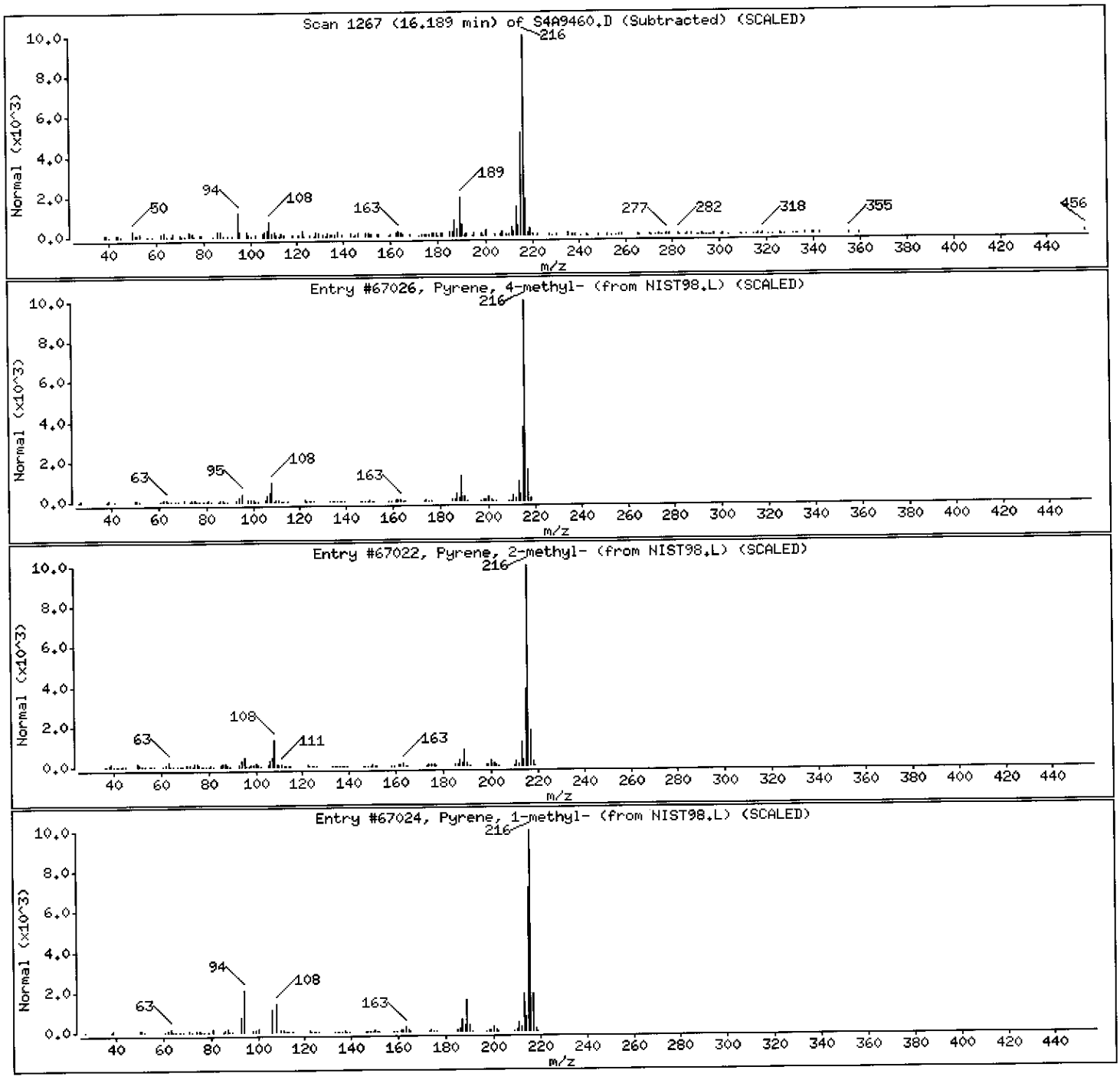
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pyrene, 4-methyl-	3353-12-6	NIST98.L	67026	94	C17H12	216
Pyrene, 2-methyl-	3442-78-2	NIST98.L	67022	93	C17H12	216
Pyrene, 1-methyl-	2381-21-7	NIST98.L	67024	91	C17H12	216



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Date : 25-AUG-2005 14:45

Client ID: SS05-S-0

Instrument: S4.i

Sample Info: D0926-17A,,19468,,

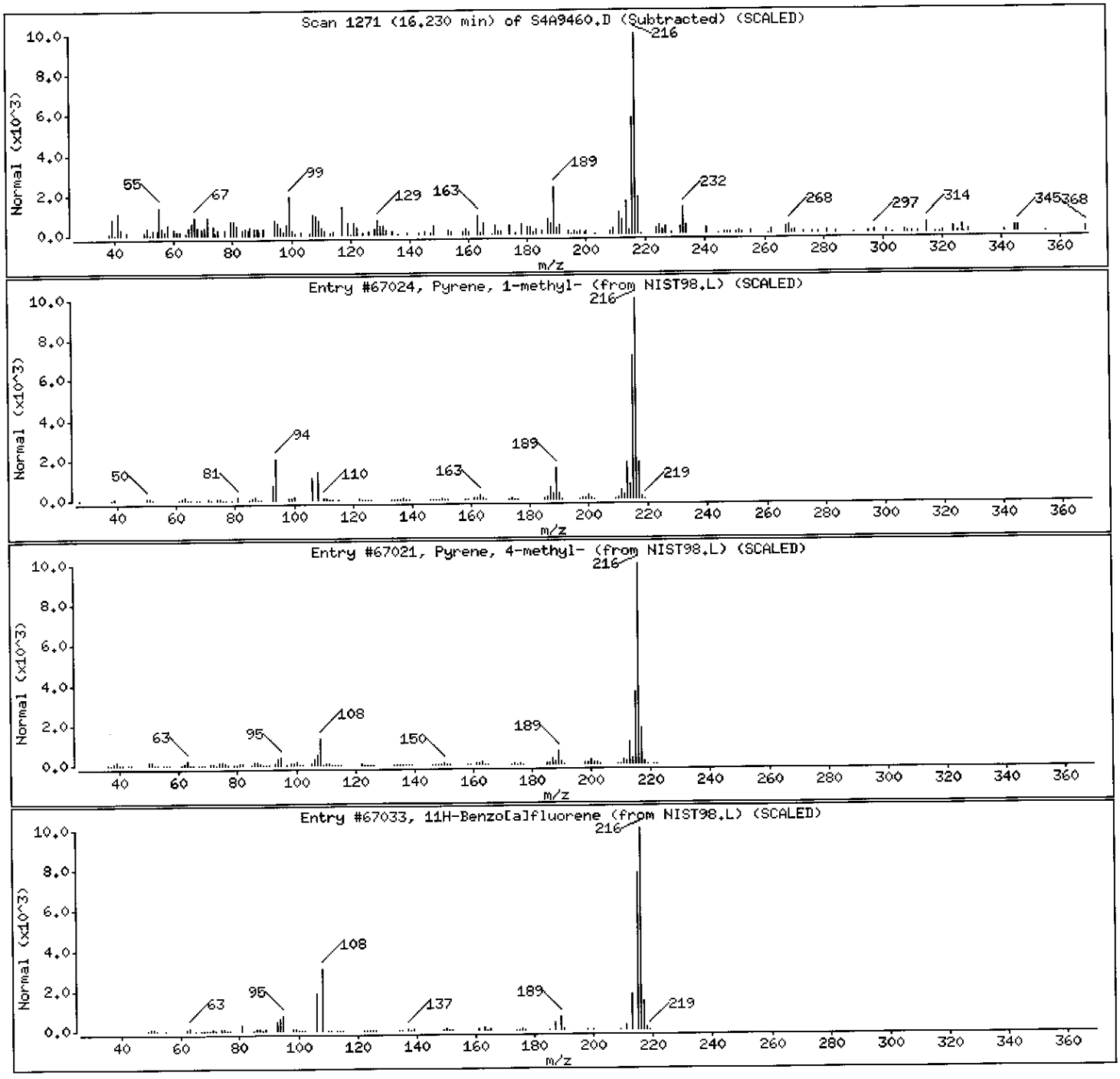
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Pyrene, 1-methyl-	2381-21-7	NIST98.L	67024	58	C17H12	216
Pyrene, 4-methyl-	3353-12-6	NIST98.L	67021	53	C17H12	216
11H-Benzo[a]fluorene	238-84-6	NIST98.L	67033	52	C17H12	216



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Date : 25-AUG-2005 14:45

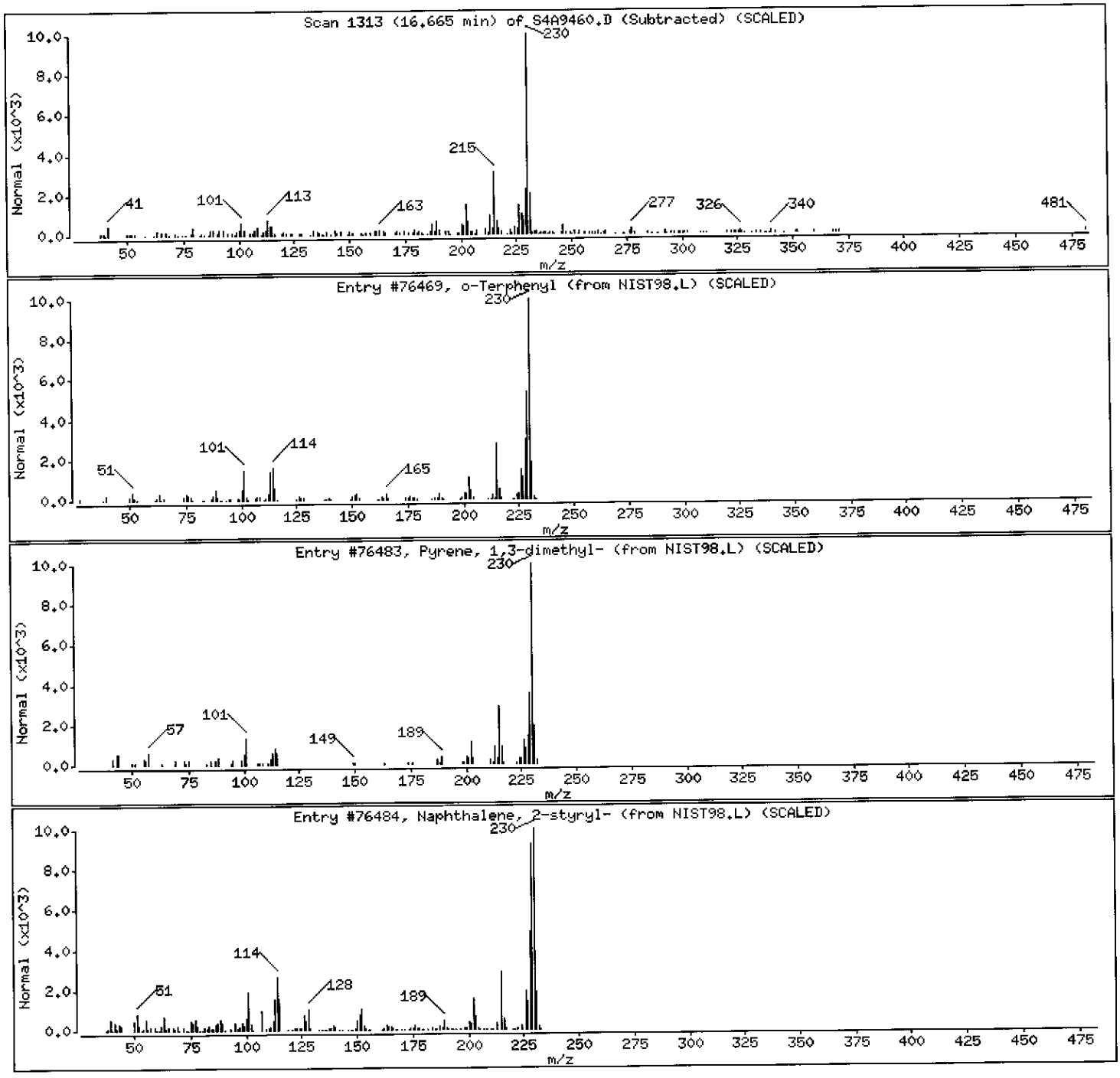
Client ID: SS05-S-0 Instrument: S4.i

Sample Info: D0926-17A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
o-Terphenyl	84-15-1	NIST98.L	76469	89	C18H14	230
Pyrene, 1,3-dimethyl-	64401-21-4	NIST98.L	76483	89	C18H14	230
Naphthalene, 2-styryl-	2039-70-5	NIST98.L	76484	64	C18H14	230



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Date : 25-AUG-2005 14:45

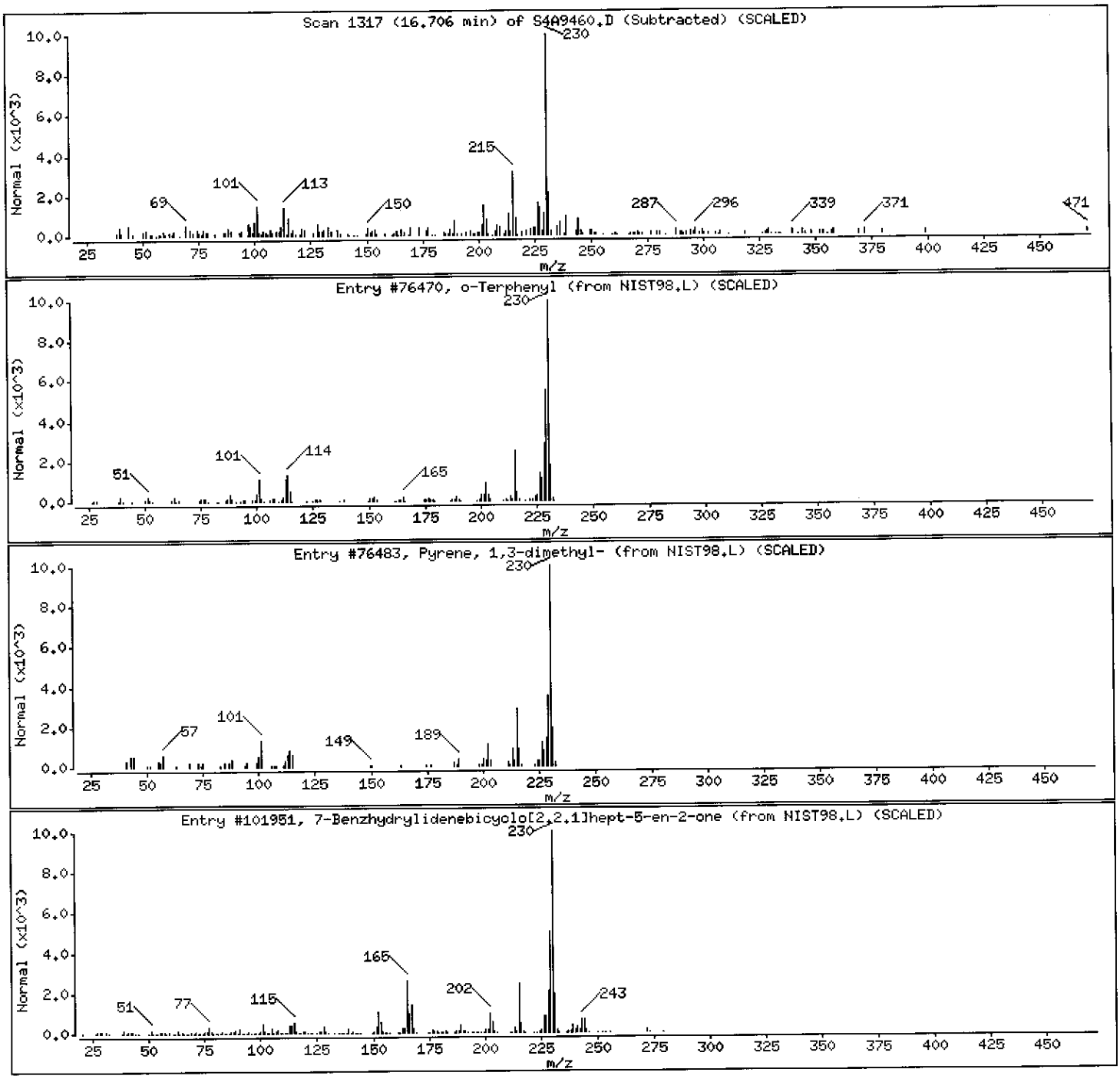
Client ID: SS05-S-0 Instrument: S4.i

Sample Info: D0926-17A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
o-Terphenyl	84-15-1	NIST98.L	76470	95	C18H14	230
Pyrene, 1,3-dimethyl-	64401-21-4	NIST98.L	76483	93	C18H14	230
7-Benzhydrylidenebicyclo[2.2.1]hept-5-en	118999-90-9	NIST98.L	101951	90	C20H16O	272



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Date : 25-AUG-2005 14:45

Client ID: SS05-S-O

Instrument: S4.i

Sample Info: D0926-17A,,19468,,

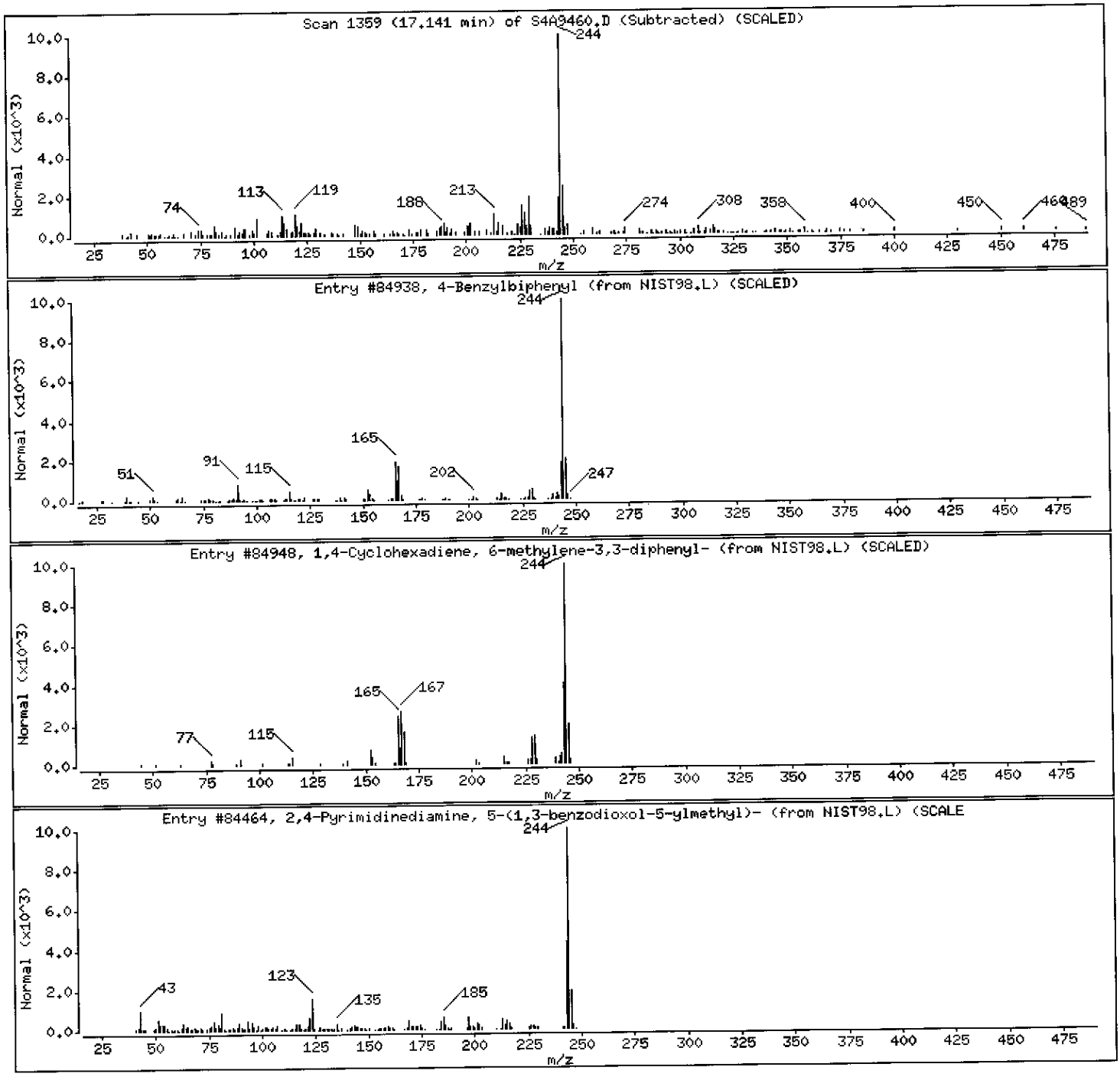
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
4-Benzylbiphenyl	613-42-3	NIST98.L	84938	74	C19H16	244
1,4-Cyclohexadiene, 6-methylene-3,3-diph	18636-59-4	NIST98.L	84948	64	C19H16	244
2,4-Pyrimidinediamine, 5-(1,3-benzodioxo	13932-40-6	NIST98.L	84464	64	C12H12N4O2	244



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Date : 25-AUG-2005 14:45

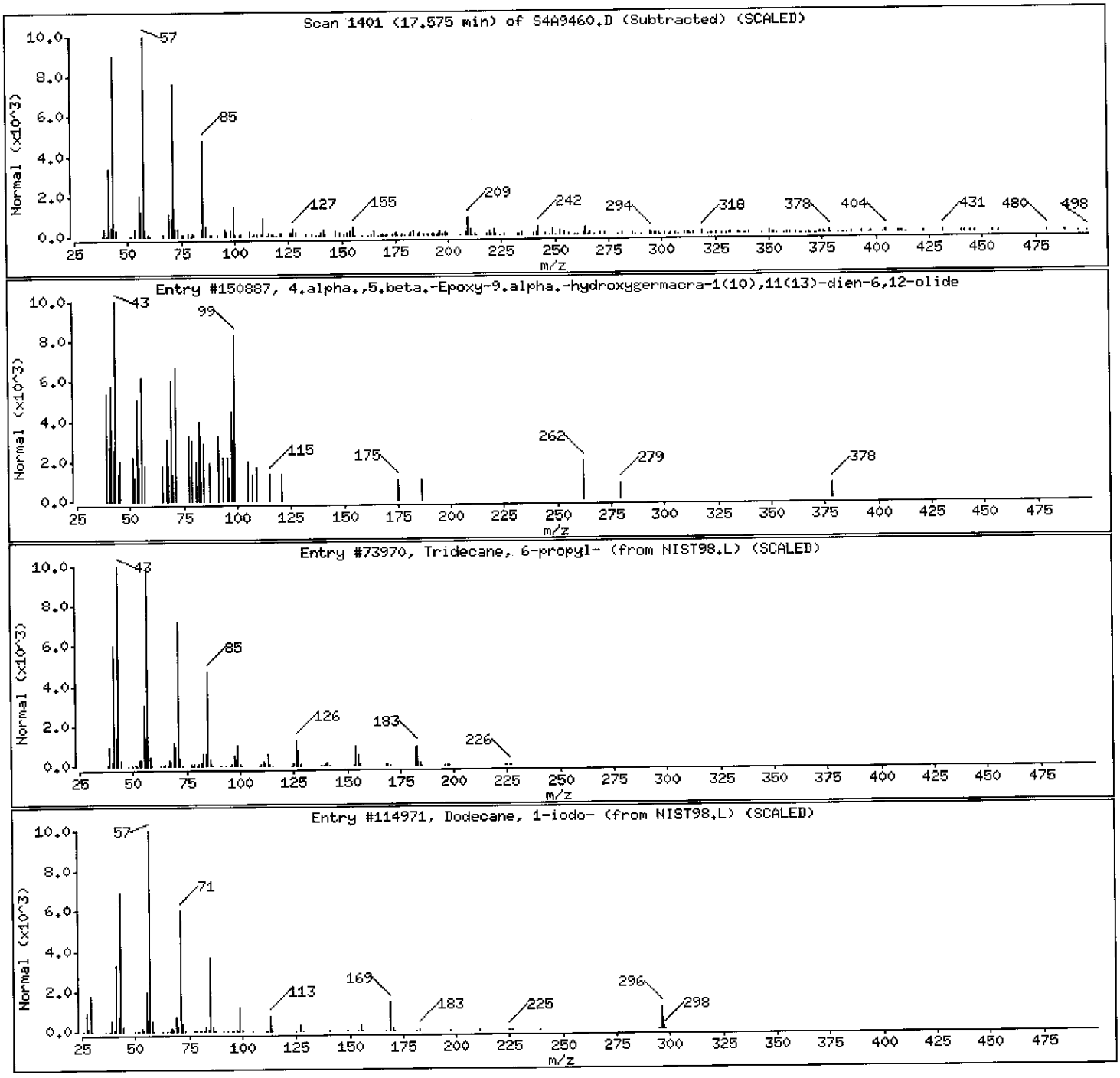
Client ID: SS05-S-0 Instrument: S4.i

Sample Info: D0926-17A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
4.alpha.,5.beta.-Epoxy-9.alpha.-hydroxyg	101910-57-0	NIST98.L	150887	95	C20H2607	378
Tridecane, 6-propyl-	55045-10-8	NIST98.L	73970	90	C16H34	226
Dodecane, 1-iodo-	4292-19-7	NIST98.L	114971	86	C12H25I	296



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Date : 25-AUG-2005 14:45

Client ID: SS05-S-0

Instrument: S4.i

Sample Info: D0926-17A,,19468,,

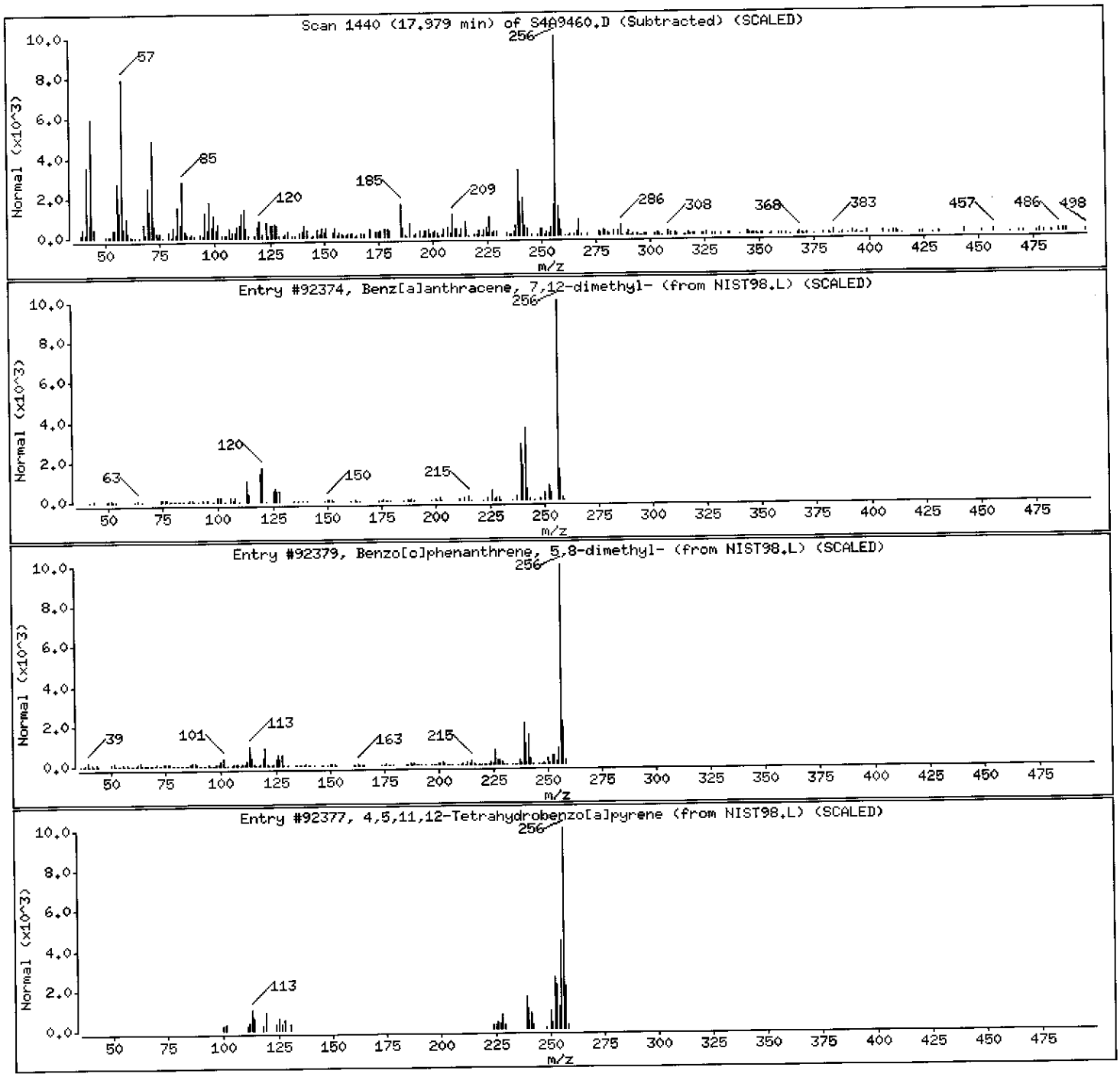
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Benz[a]anthracene, 7,12-dimethyl-	57-97-6	NIST98.L	92374	70	C20H16	256
Benzo[c]phenanthrene, 5,8-dimethyl-	54986-63-9	NIST98.L	92379	60	C20H16	256
4,5,11,12-Tetrahydrobenzo[a]pyrene	109292-58-2	NIST98.L	92377	58	C20H16	256



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Date : 25-AUG-2005 14:45

Client ID: SS05-S-0

Instrument: S4.i

Sample Info: D0926-17A,,19468,,

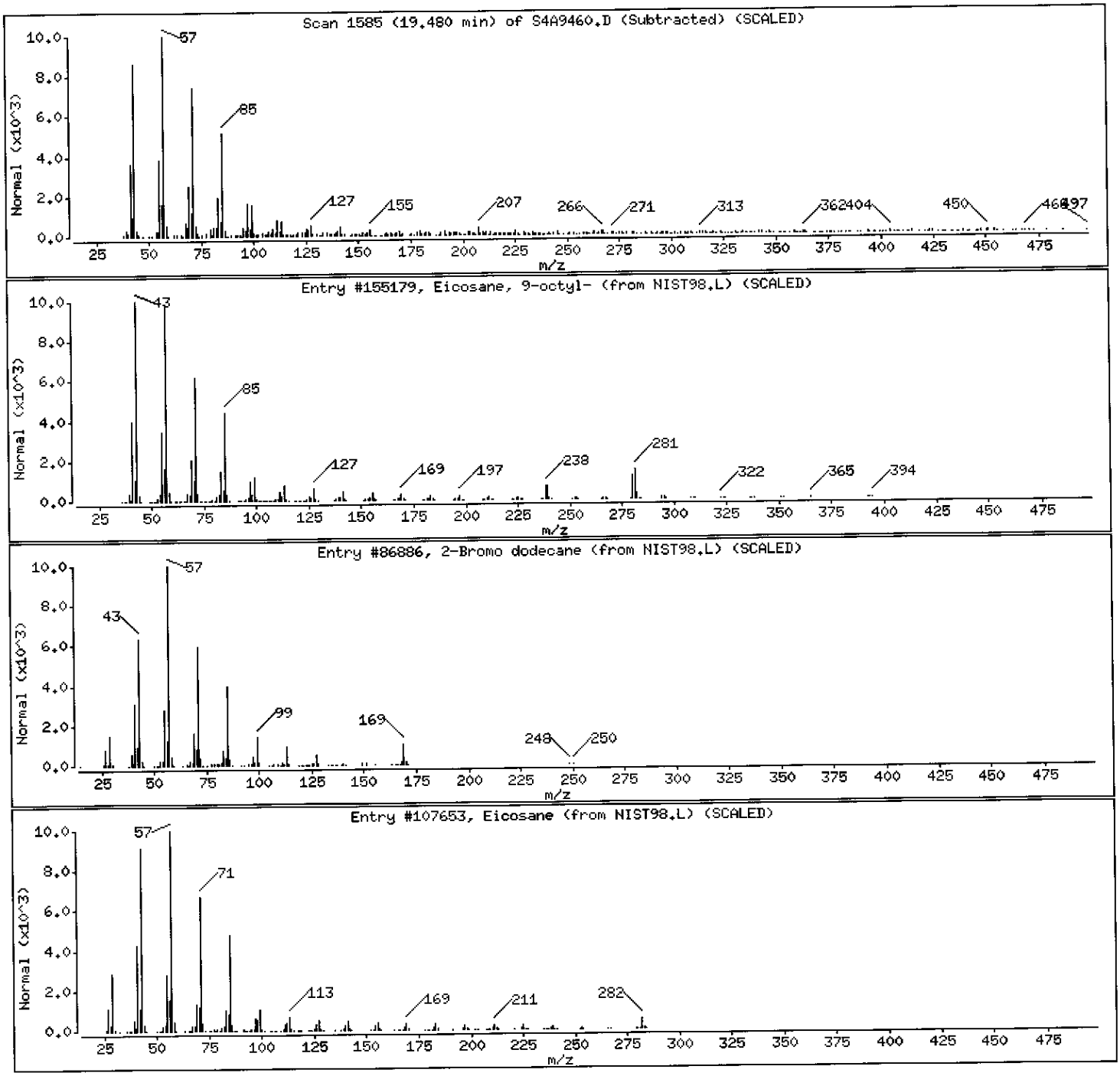
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Eicosane, 9-octyl-	13475-77-9	NIST98.L	155179	95	C28H58	394
2-Bromo dodecane	13187-99-0	NIST98.L	86886	93	C12H25Br	248
Eicosane	112-95-8	NIST98.L	107653	93	C20H42	282



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Date : 25-AUG-2005 14:45

Client ID: SS05-S-0

Instrument: S4.i

Sample Info: D0926-17A,,19468,,

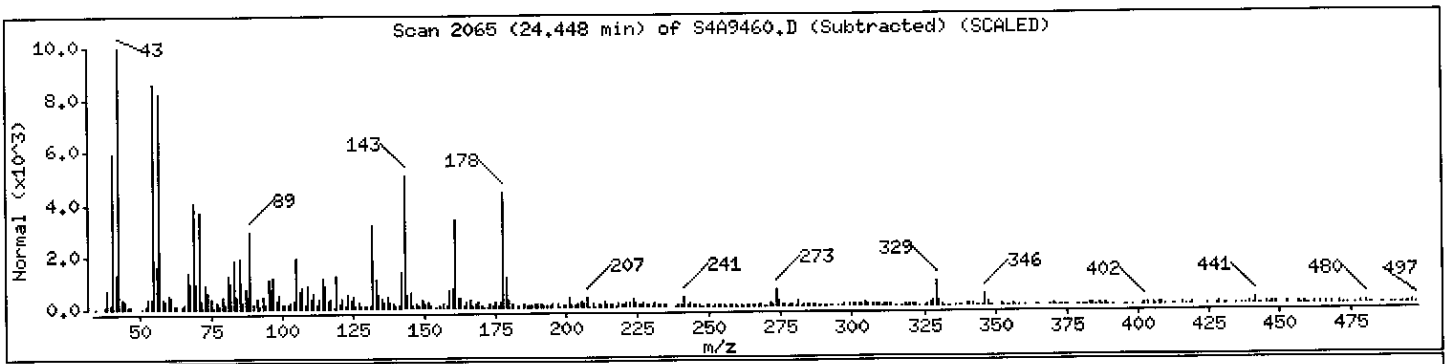
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SS05-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-17ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9463

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	950	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	950	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	950	U
83-32-9	Acenaphthene	380	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS05-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-17ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9463

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	950	U
100-02-7	4-Nitrophenol	950	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	950	U
534-52-1	4,6-Dinitro-2-methylphenol	950	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	950	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	72	J
206-44-0	Fluoranthene	71	J
129-00-0	Pyrene	76	J
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	53	J
218-01-9	Chrysene	99	J
117-81-7	bis(2-Ethylhexyl)phthalate	170	BJ
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	75	J
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	89	J
193-39-5	Indeno(1,2,3-cd)pyrene	48	J
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	130	J

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SS05-S-ORE

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-17ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9463

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/25/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

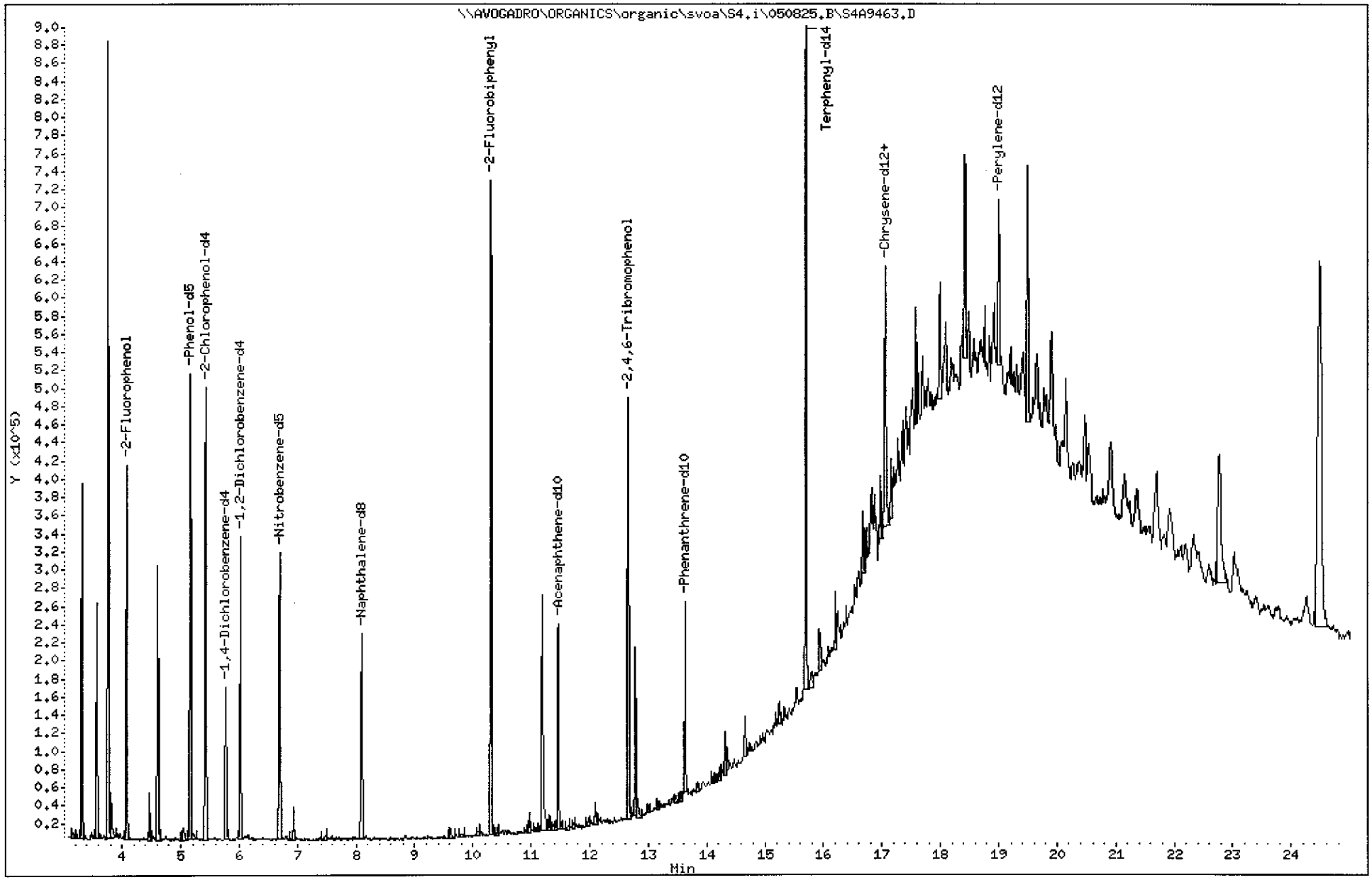
GPC Cleanup: (Y/N) Y pH: 6.4 Extraction: (Type) SONC

Number TICs found: 16

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	5.04	90	J
2.	78-40-0	TRIETHYL PHOSPHATE	6.94	110	NJ
3.		UNKNOWN	10.97	87	J
4.	112-42-5	1-UNDECANOL	11.18	1000	NJ
5.		UNKNOWN	12.10	82	J
6.		UNKNOWN	12.81	130	J
7.		UNKNOWN	14.32	210	J
8.		UNKNOWN	14.66	160	J
9.		UNKNOWN	15.80	83	J
10.		UNKNOWN	15.93	160	J
11.	3353-12-6	PYRENE, 4-METHYL-	16.21	160	NJ
12.		UNKNOWN	16.67	150	J
13.		UNKNOWN	17.16	150	J
14.	54986-63-9	BENZO[C]PHENANTHRENE, 5,8-DI	17.99	350	NJ
15.		UNKNOWN	22.77	1600	J
16.		UNKNOWN	24.49	4900	J
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9463.D
Date : 25-AUG-2005 17:27
Client ID: SS05-S-ORE
Instrument: S4.i
Sample Info: D0926-17ARE,,19468,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9463.D
Report Date: 01-Sep-2005 15:28

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9463.D
Lab Smp Id: D0926-17ARE Client Smp ID: SS05-S-ORE
Inj Date : 25-AUG-2005 17:27
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-17ARE,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D ✓
Als bottle: 30
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	13.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	4.079	4.048	(0.706)	98284	114.276	2200
$ 3	Phenol-d5	99	5.165	5.135	(0.894)	168968	131.405	2500
$ 6	2-Chlorophenol-d4	132	5.434	5.414	(0.941)	143187	134.414	2600
* 8	1,4-Dichlorobenzene-d4	152	5.776	5.755	(1.000)	32620	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	6.024	6.004	(1.043)	59197	76.5595	1500
$ 16	Nitrobenzene-d5	82	6.697	6.677	(0.827)	152498	90.9325	1700
* 23	Naphthalene-d8	136	8.095	8.074	(1.000)	142458	40.0000	
$ 33	2-Fluorobiphenyl	172	10.299	10.289	(0.899)	293313	120.213	2300(R)
* 41	Acenaphthene-d10	164	11.458	11.438	(1.000)	68519	40.0000	
$ 53	2,4,6-Tribromophenol	330	12.659	12.628	(0.929)	48771	228.569	4400(AR)
* 58	Phenanthrene-d10	188	13.632	13.611	(1.000)	81284	40.0000	
62	Di-n-butylphthalate	149	14.356	14.346	(1.053)	10932	3.76618	72(aM)
63	Fluoranthene	202	15.236	15.216	(1.118)	8853	3.72739	71(aM)

> MT 09/a/or

Data File: S4A9463.D
Report Date: 01-Sep-2005 15:28

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
	64 Pyrene	202	15.526	15.505	(0.910)	11704	3.98868	76(a)
$	65 Terphenyl-d14	244	15.702	15.671	(0.921)	237436	110.354	2100
	68 Benzo(a)anthracene	228	17.047	17.017	(0.999)	7239	2.78951	53(aQ)
*	69 Chrysene-d12	240	17.058	17.027	(1.000)	83810	40.0000	
	70 Chrysene	228	17.068	17.068	(1.001)	12539	5.19305	99(aQ)
	71 bis(2-Ethylhexyl)phthalate	149	16.975	16.954	(0.995)	18870	8.99155	170(a)
	73 Benzo(b)fluoranthene	252	18.424	18.372	(0.969)	11310	3.90485	75(aQM)
	75 Benzo(a)pyrene	252	18.921	18.859	(0.996)	11029	4.65411	89(aQ)
*	76 Perylene-d12	264	19.004	18.942	(1.000)	77443	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	20.970	20.877	(1.103)	7114	2.53026	48(a)
	79 Benzo(g,h,i)perylene	276	21.571	21.457	(1.135)	14315	6.73012	130(a)

09/01/05 AV

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

09/01/05
AV

Data File: S4A9463.D
Report Date: 01-Sep-2005 15:29

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9463.D
Lab Smp Id: D0926-17ARE Client Smp ID: SS05-S-ORE
Inj Date : 25-AUG-2005 17:27
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-17ARE,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D
Als bottle: 30
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	13.000	% Moisture

	ISTD	RT	AREA	AMOUNT
*	8 1,4-Dichlorobenzene-d4	5.776	262449	40.000
*	23 Naphthalene-d8	8.095	334935	40.000
*	41 Acenaphthene-d10	11.458	332785	40.000
*	58 Phenanthrene-d10	13.632	250385	40.000
*	69 Chrysene-d12	17.058	444206	40.000
*	76 Perylene-d12	19.004	296527	40.000

Data File: S4A9463.D
Report Date: 01-Sep-2005 15:29

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
5.041	30835	4.69957973	90	0		0	8
Triethyl phosphate				CAS #: 78-40-0			
6.935	49573	5.92031290	110	91	NIST98.L	44293	23
Unknown				CAS #:			
10.972	37766	4.53938729	87	0		0	41
1-Undecanol				CAS #: 112-42-5			
11.179	433759	52.1368451	1000	91	NIST98.L	37465	41
Unknown				CAS #:			
12.100	35495	4.26641826	82	0		0	41
Cyclic Alkane				CAS #:			
12.773	186544	29.8011462	570	0		0	58
Unknown				CAS #:			
12.814	42344	6.76462248	130	0		0	58
Unknown				CAS #:			
14.315	67977	10.8595962	210	0		0	58
Unknown				CAS #:			
14.657	53841	8.60131398	160	0		0	58
Unknown				CAS #:			
15.795	47915	4.31466482	83	0		0	69
Unknown				CAS #:			
15.930	91556	8.24446315	160	0		0	69
Pyrene, 4-methyl-				CAS #: 3353-12-6			
16.209	91863	8.27210799	160	90	NIST98.L	67026	69
Unknown				CAS #:			
16.675	86722	7.80916962	150	0		0	69
Unknown				CAS #:			
17.161	88944	8.00925697	150	0		0	69
Straight-Chain Alkane				CAS #:			
17.586	147541	13.2858178	250	0		0	69

Data File: S4A9463.D
Report Date: 01-Sep-2005 15:29

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Benzo[c]phenanthrene, 5,8-dimethyl-				CAS #: 54986-63-9			
17.989	205475	18.5026767	350	86	NIST98.L	92379	69
Straight-Chain Alkane				CAS #:			
19.490	572358	77.2082138	1500	0		0	76
Unknown				CAS #:			
22.771	601336	81.1172001	1600	0		0	76
Unknown				CAS #:			
24.489	1914523	258.259518	4900	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9463.D

Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

Volume Injected (uL): 2.0

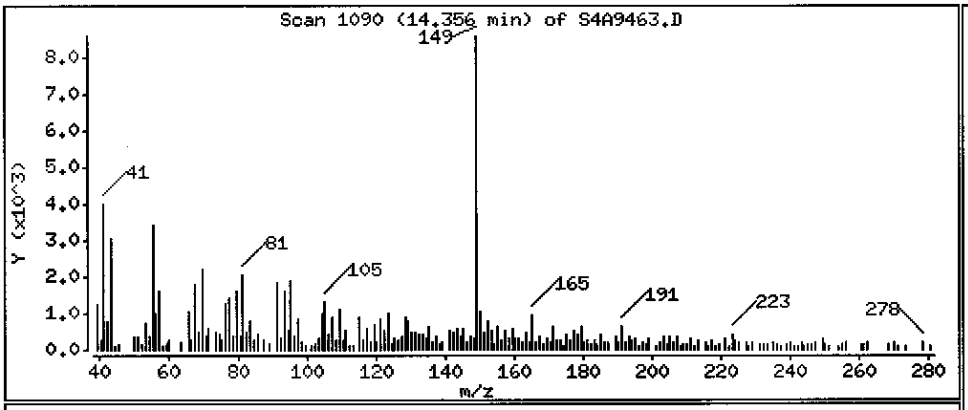
Operator: AW SRC: LIMS

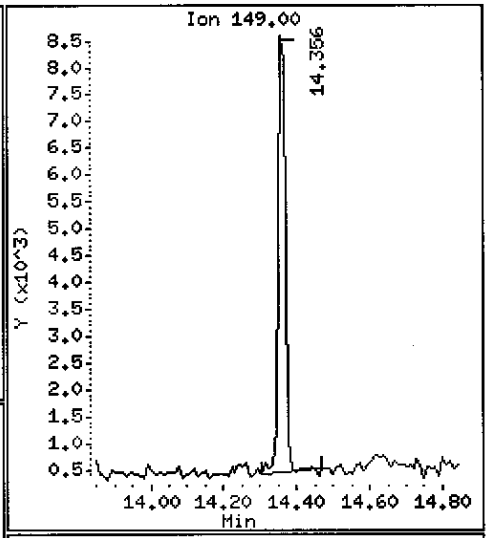
Column phase: DB-5MS

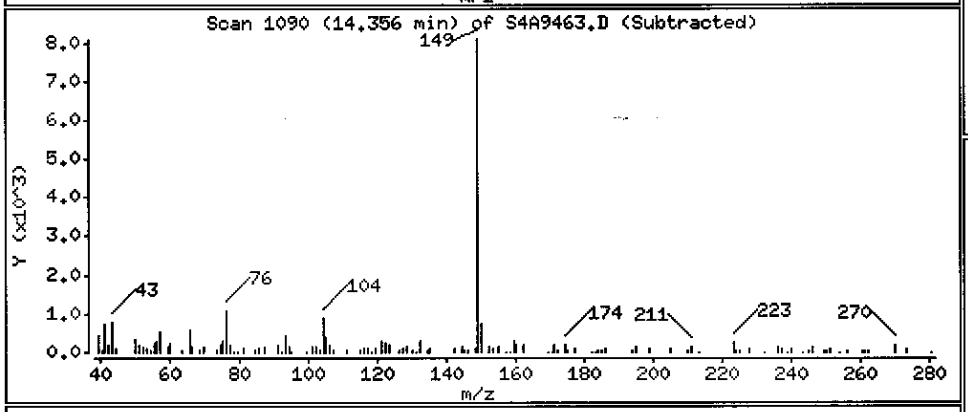
Column diameter: 0.25

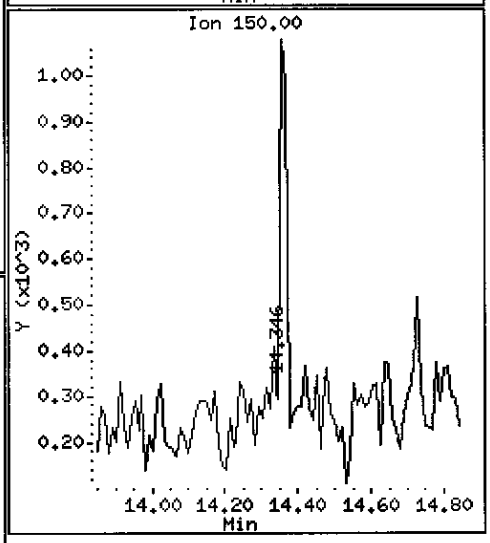
62 Di-n-butylphthalate

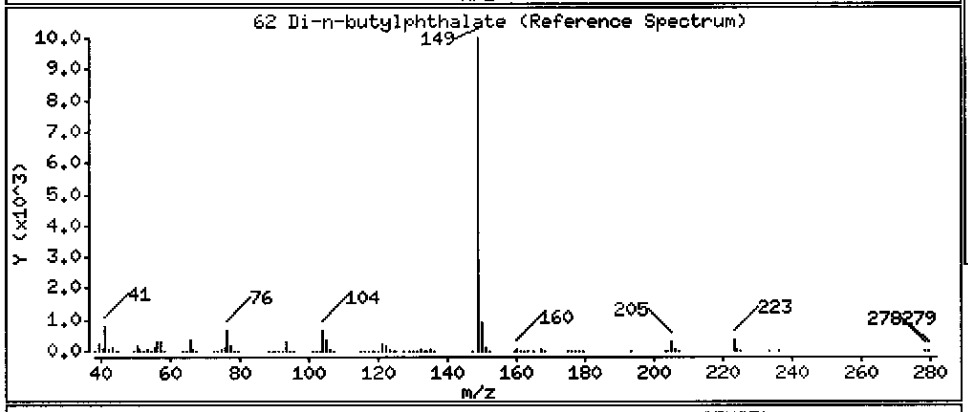
Concentration: 72 ug/Kg

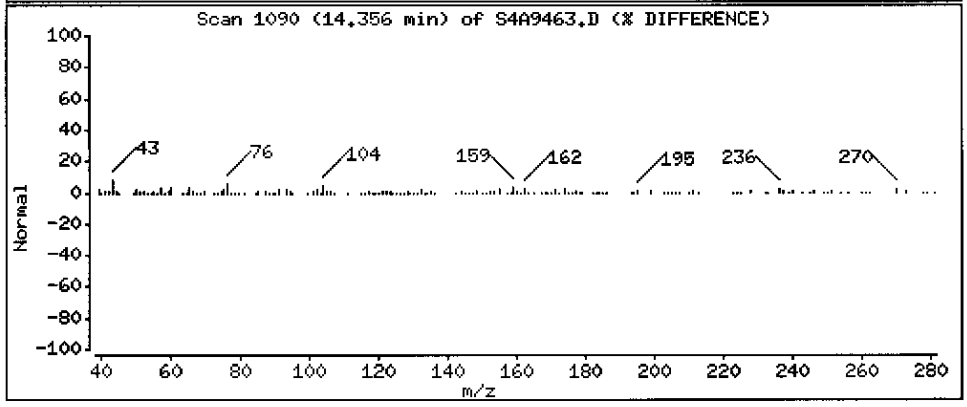












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9463.D

Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

Volume Injected (uL): 2.0

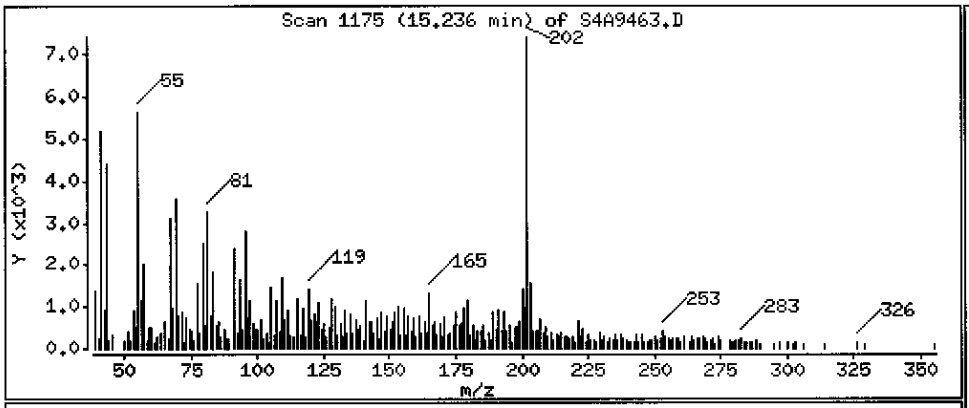
Operator: AW SRC: LIMS

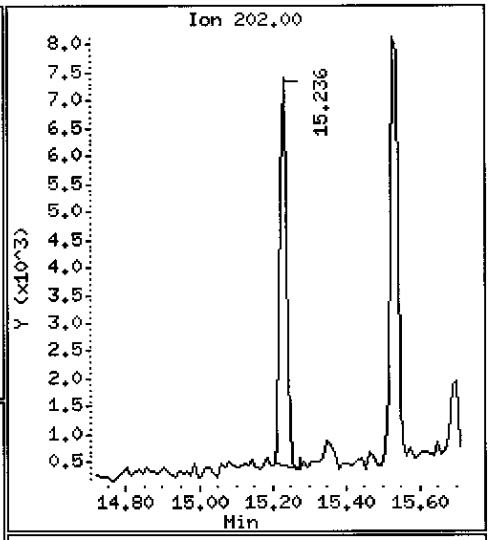
Column phase: DB-5MS

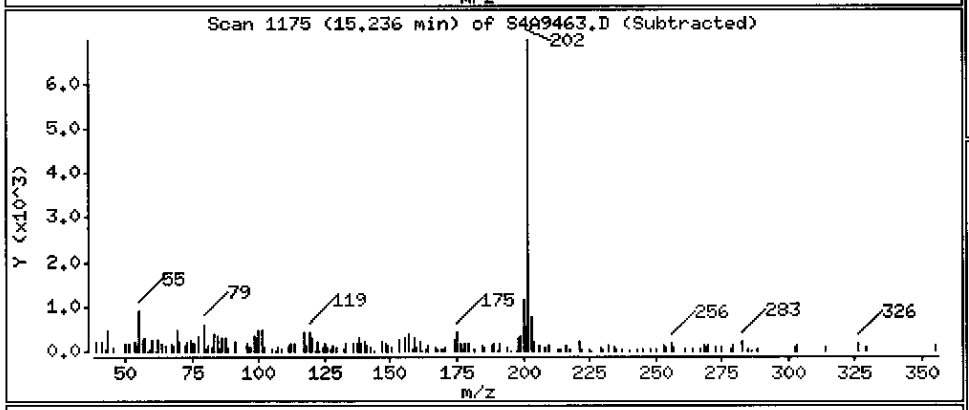
Column diameter: 0.25

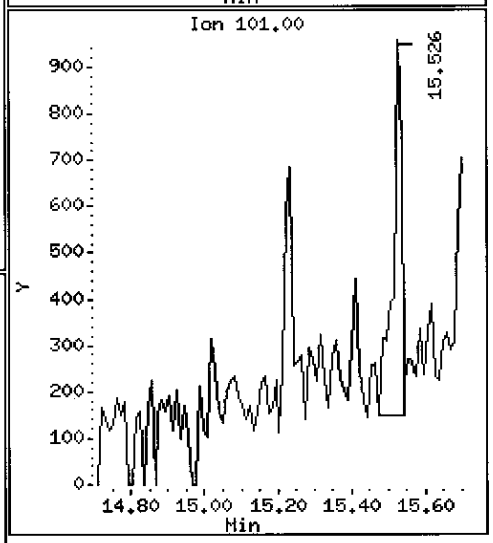
63 Fluoranthene

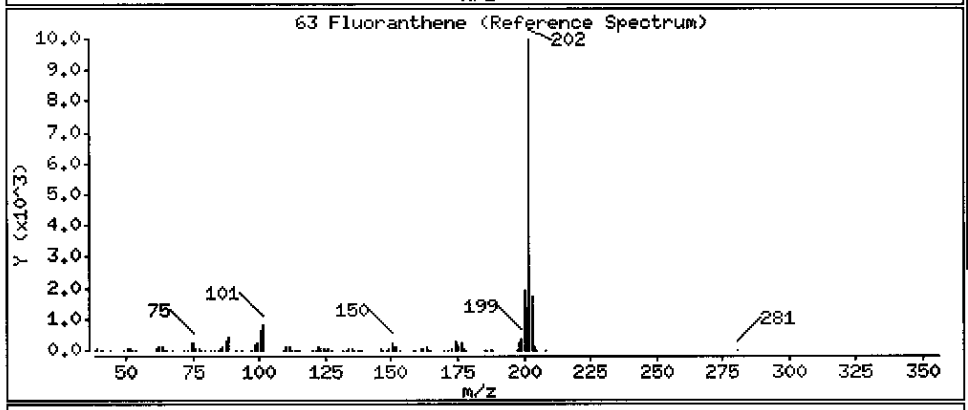
Concentration: 71 ug/Kg

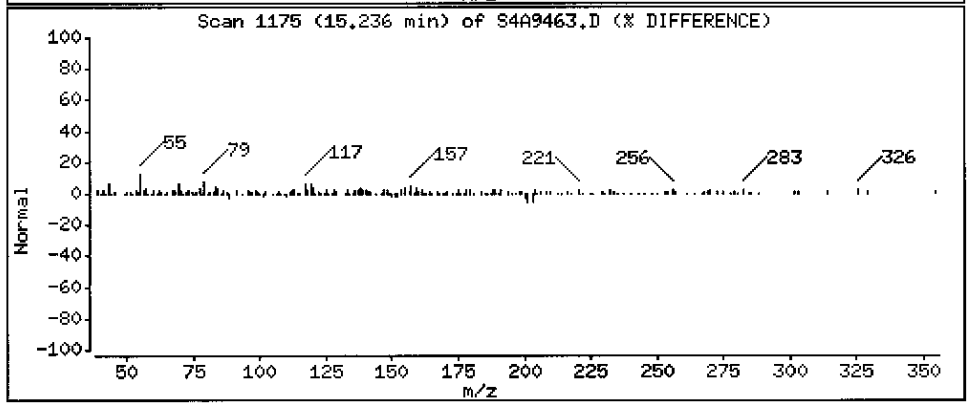












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9463.D

Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

Volume Injected (uL): 2.0

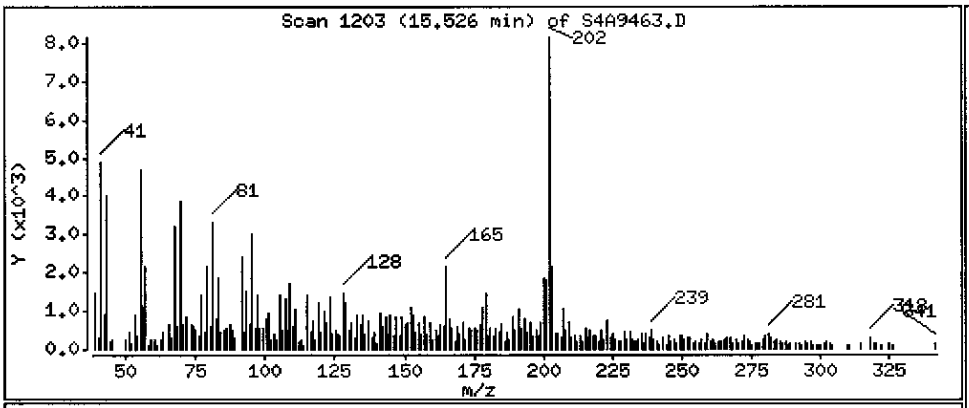
Operator: AW SRC: LIMS

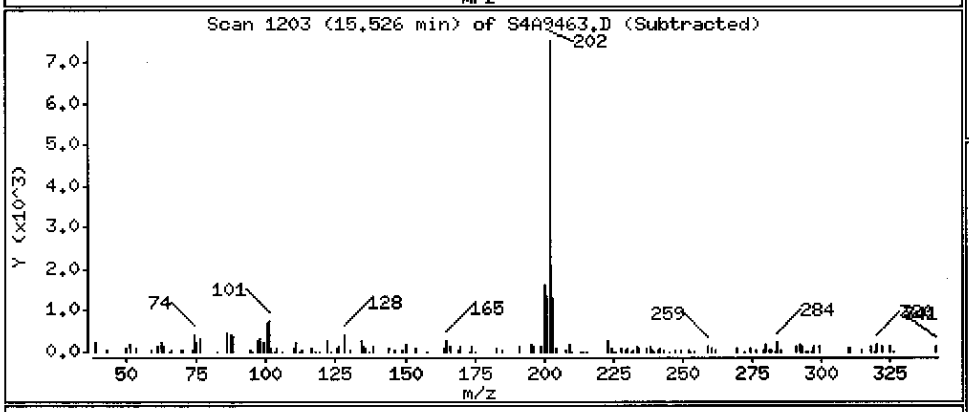
Column phase: DB-5MS

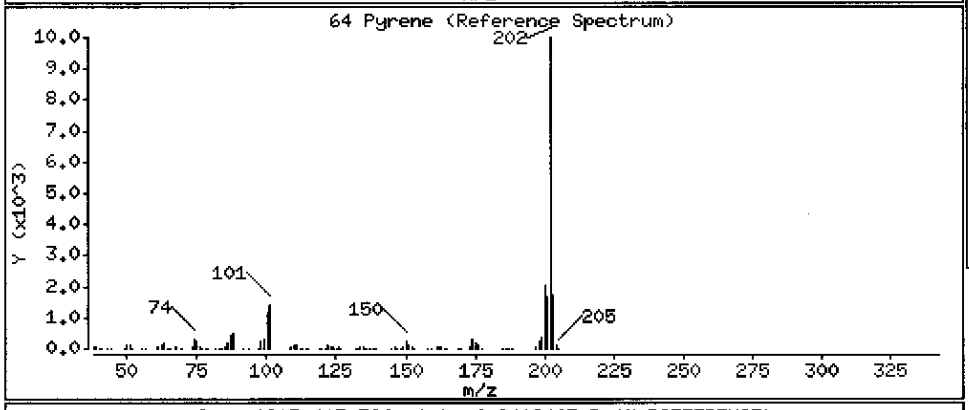
Column diameter: 0.25

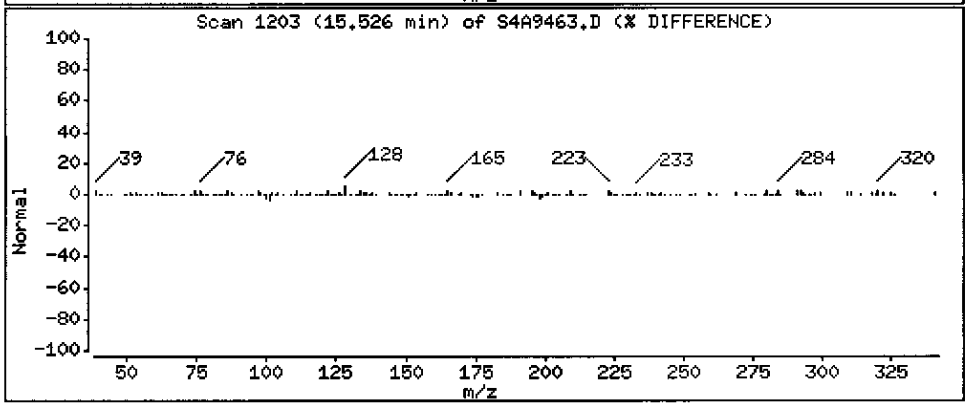
64 Pyrene

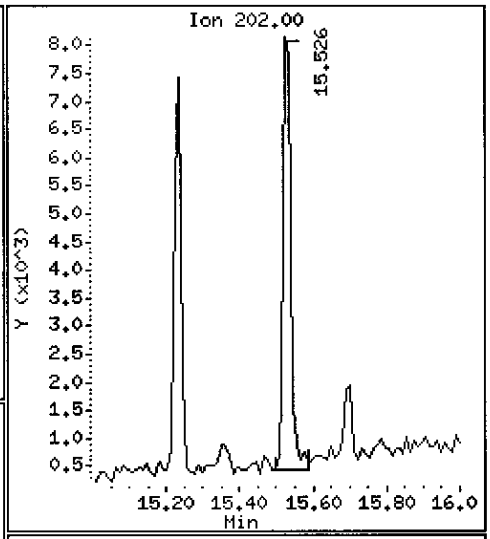
Concentration: 76 ug/Kg

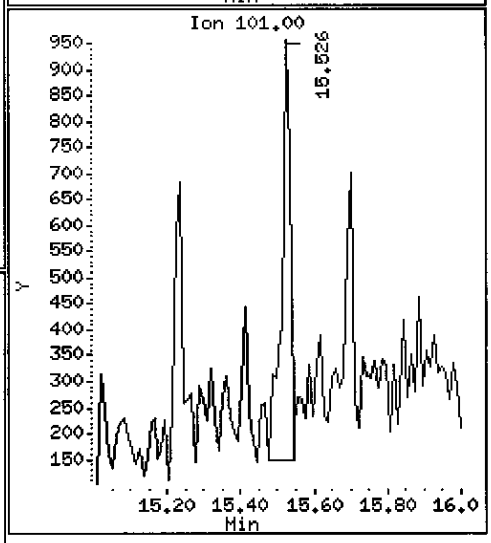












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9463.D

Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

Volume Injected (uL): 2.0

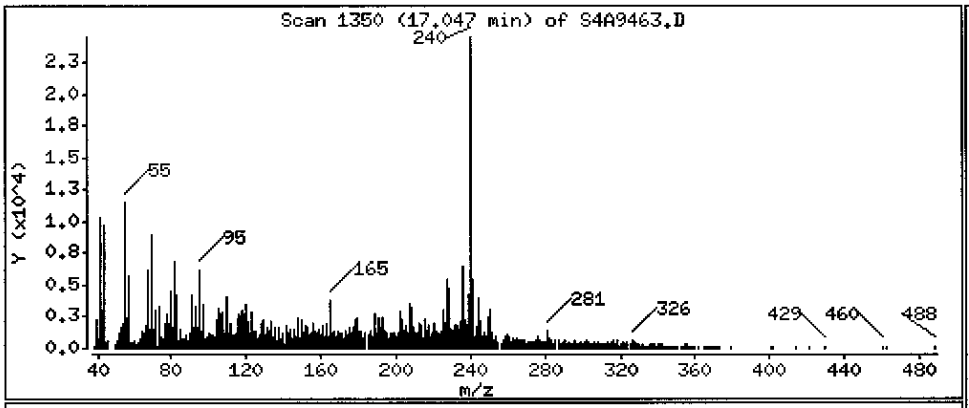
Operator: AW SRC: LIMS

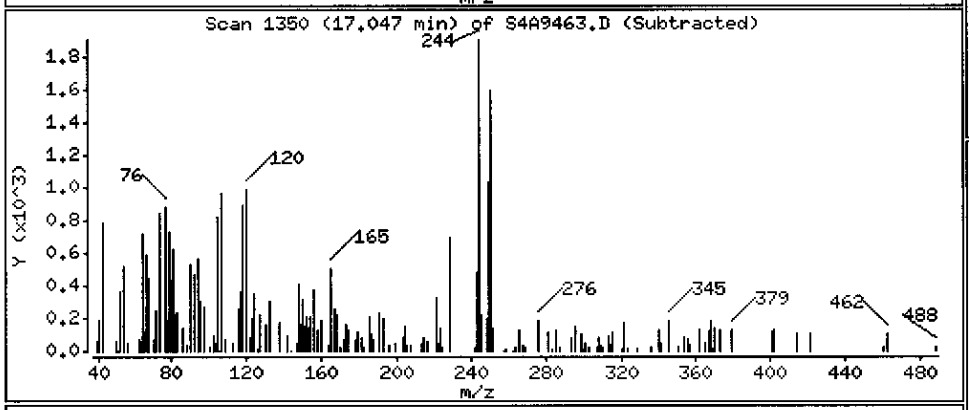
Column phase: DB-5MS

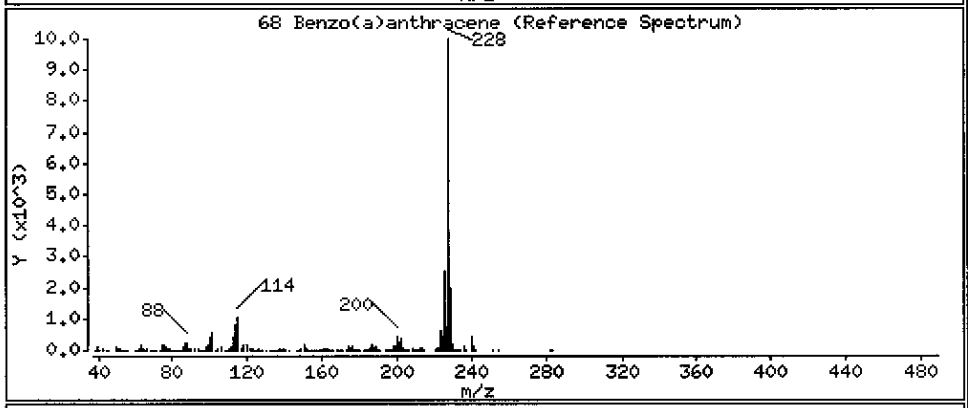
Column diameter: 0.25

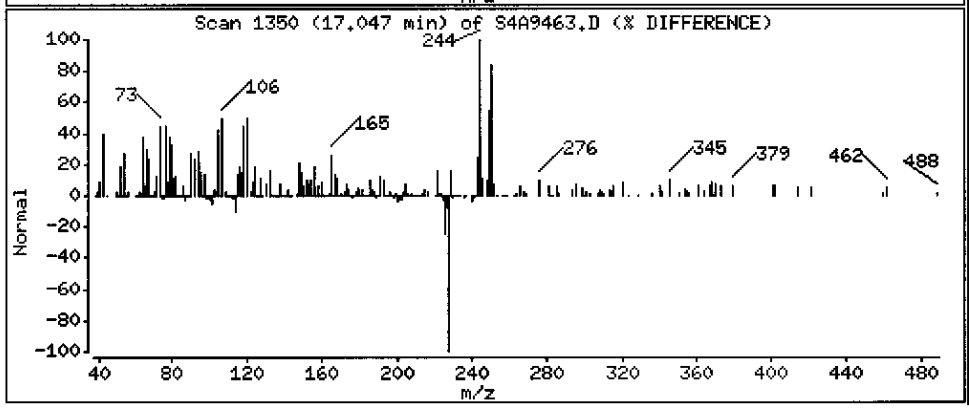
68 Benzo(a)anthracene

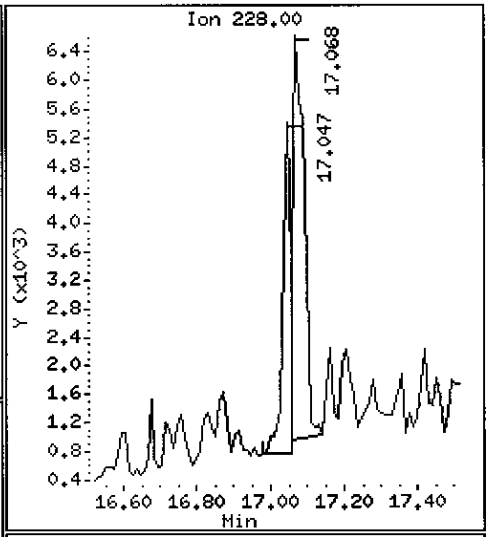
Concentration: 53 ug/Kg

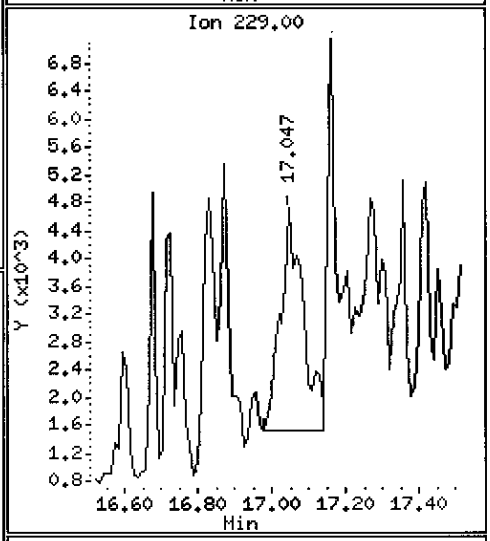


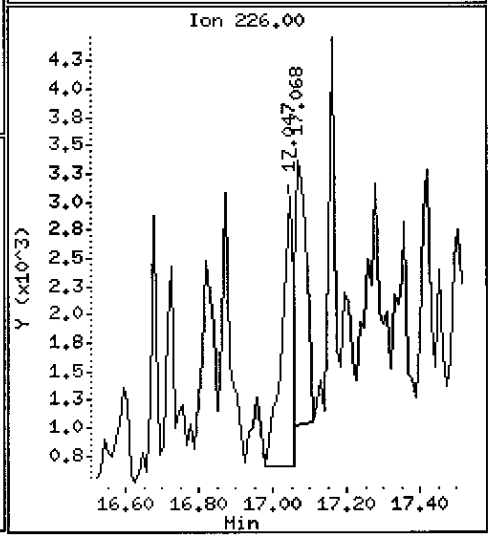












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9463.D

Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

Volume Injected (uL): 2.0

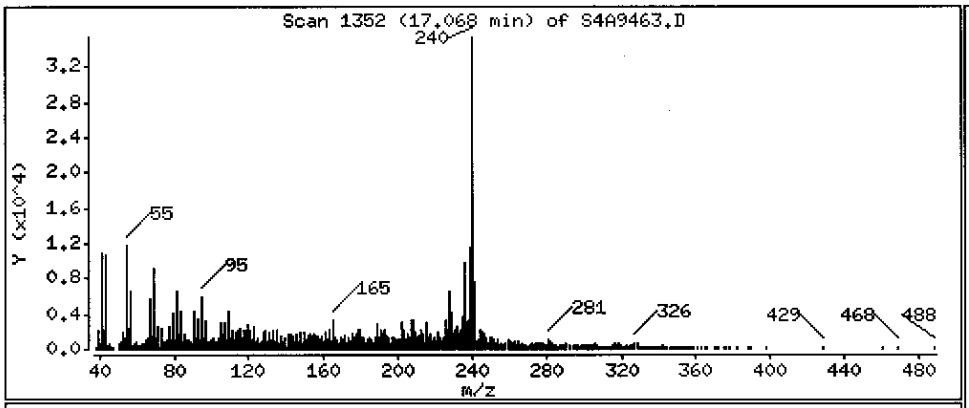
Operator: AW SRC: LIMS

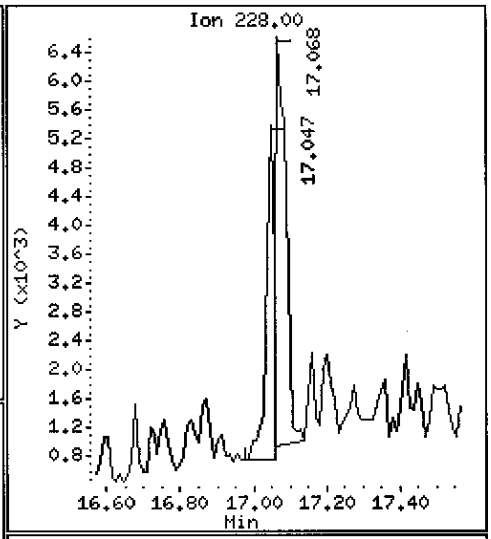
Column phase: DB-5MS

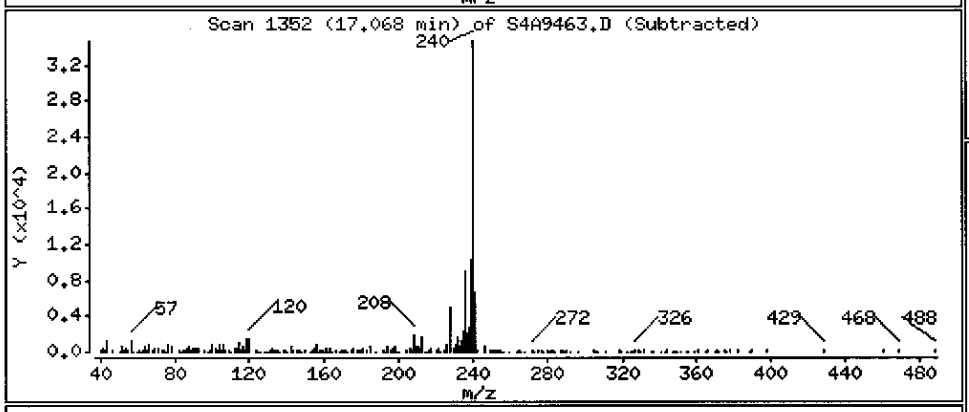
Column diameter: 0.25

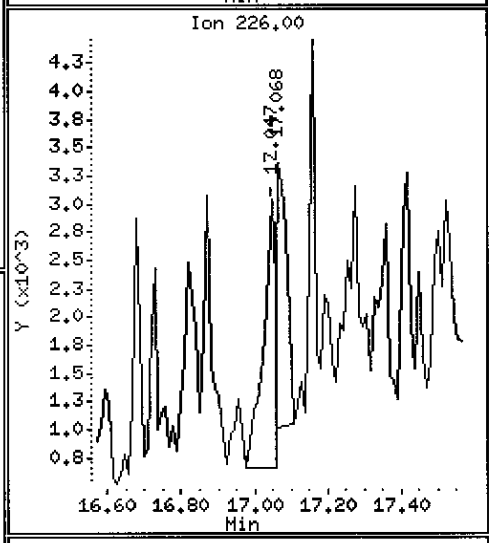
70 Chrysene

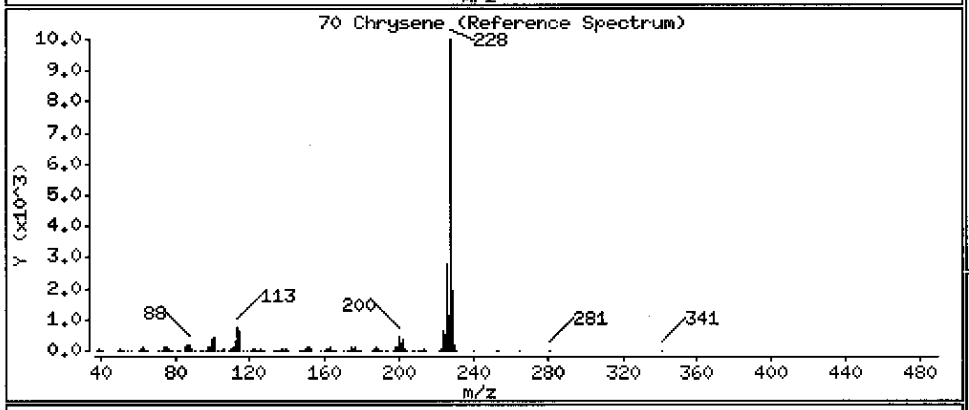
Concentration: 99 ug/Kg

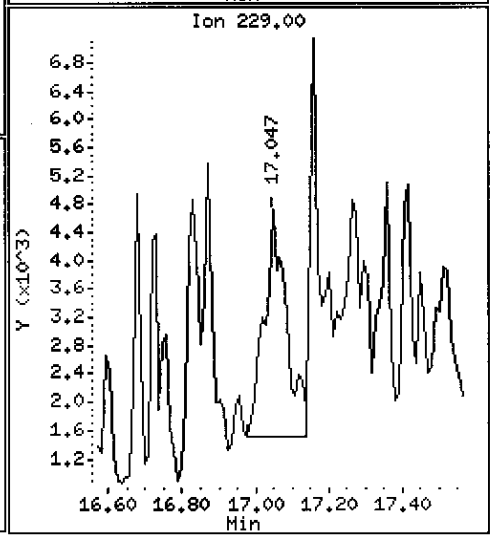


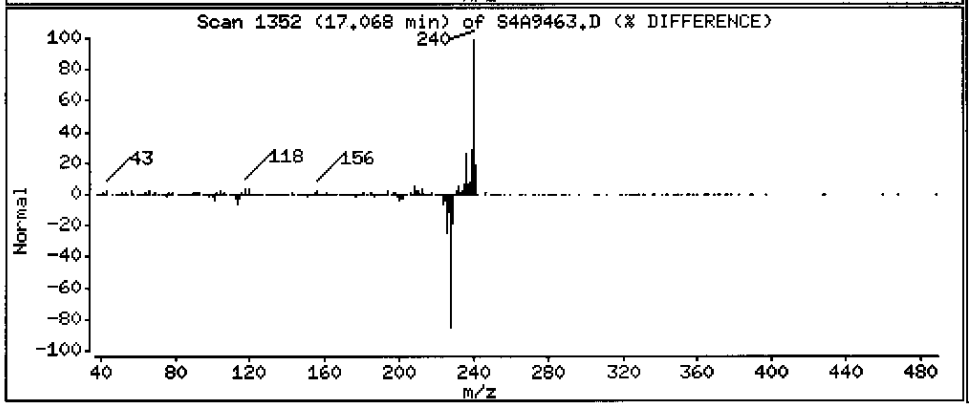












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9463.D

Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

Volume Injected (uL): 2.0

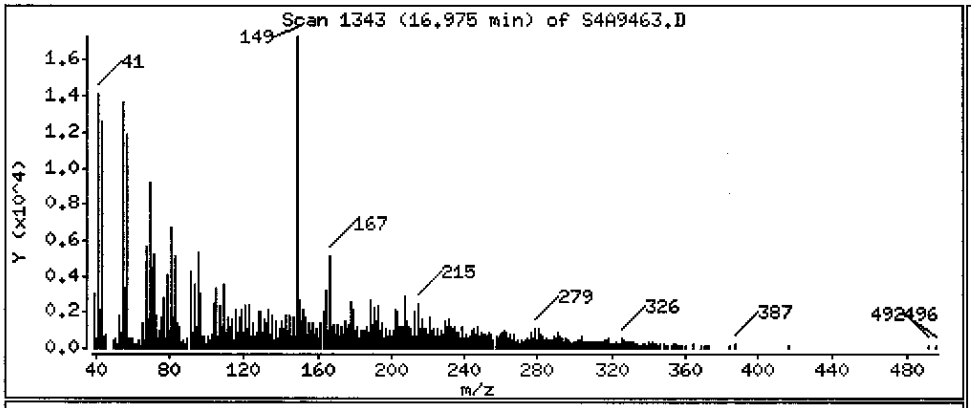
Operator: AW SRC: LIMS

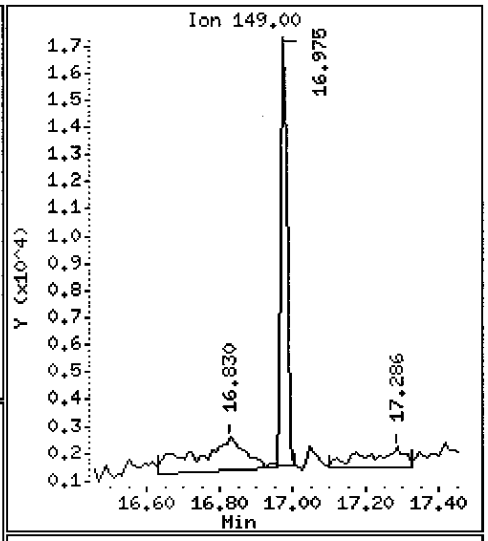
Column phase: DB-5MS

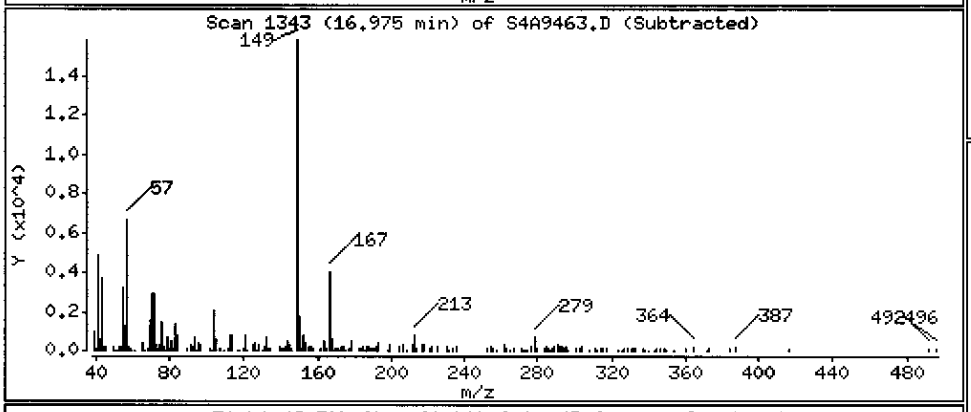
Column diameter: 0.25

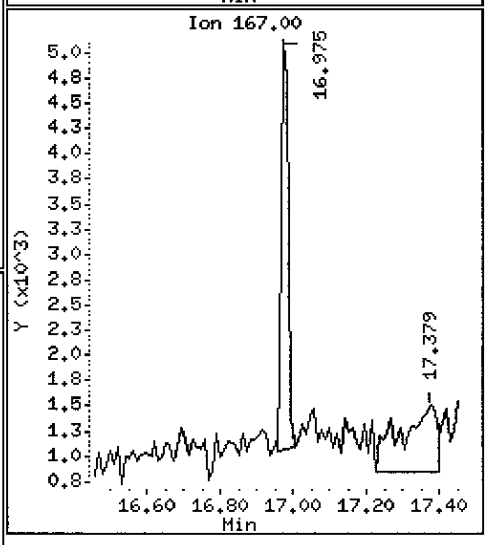
71 bis(2-Ethylhexyl)phthalate

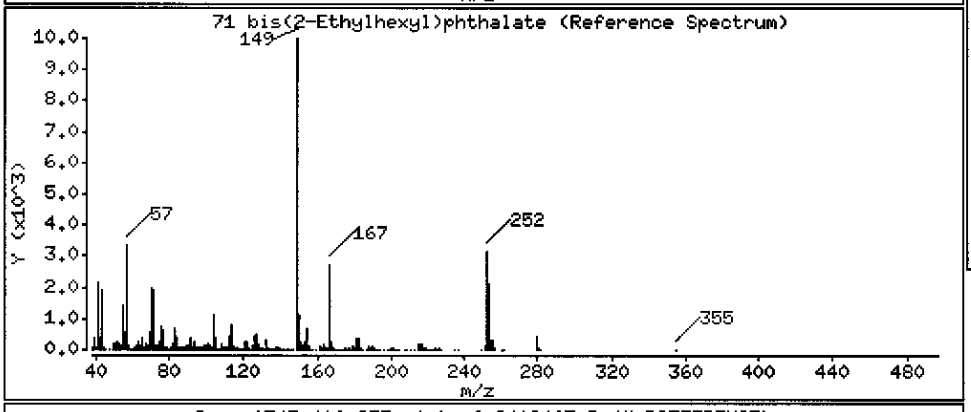
Concentration: 170 ug/Kg

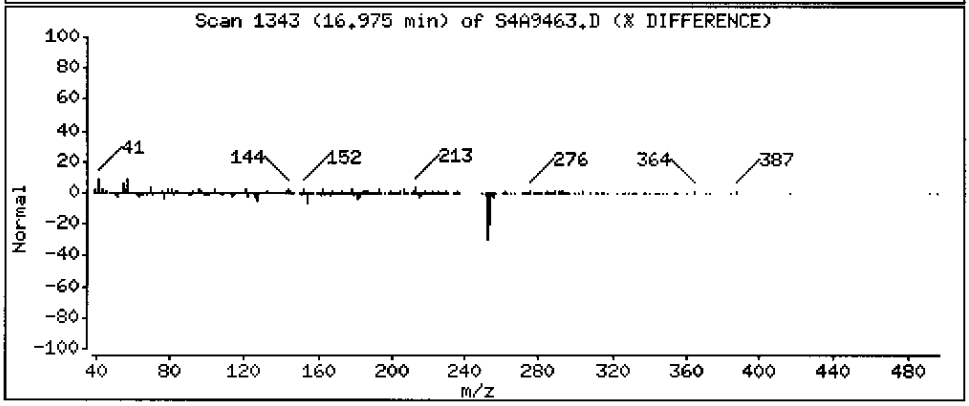












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9463.D

Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

Volume Injected (uL): 2.0

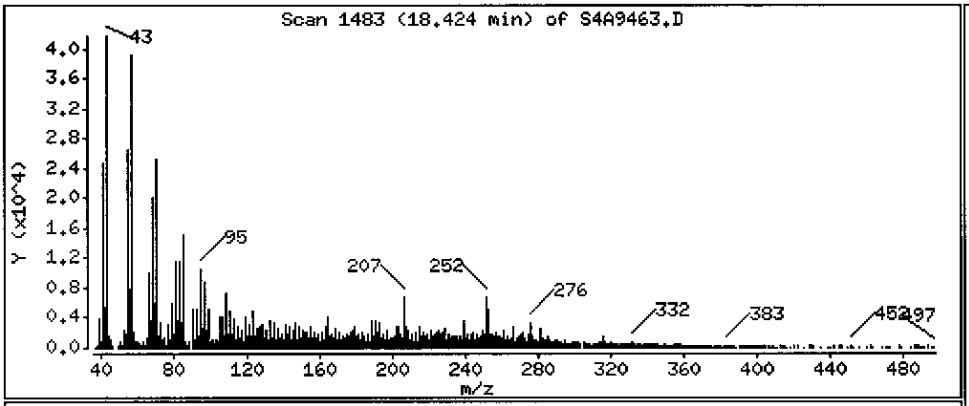
Operator: AW SRC: LIMS

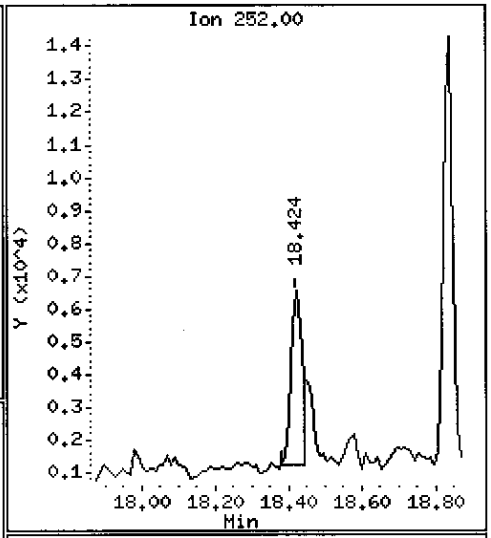
Column phase: DB-5MS

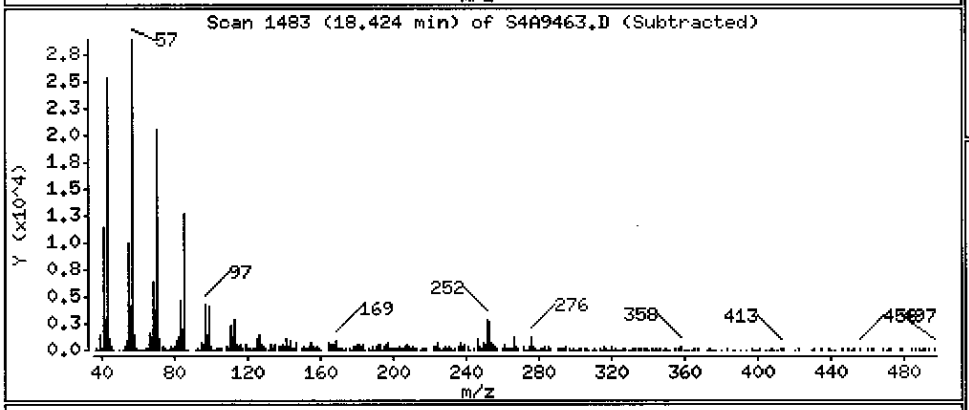
Column diameter: 0.25

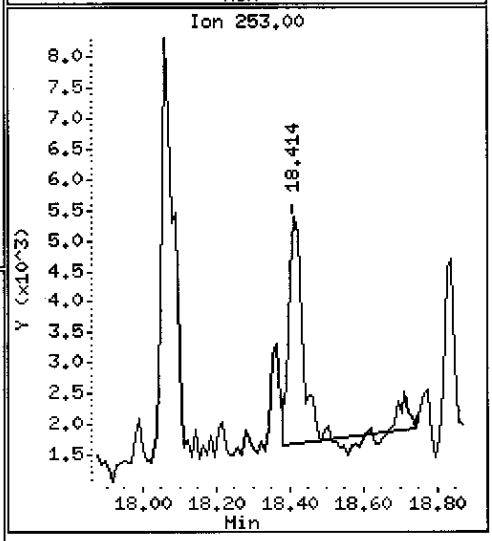
73 Benzo(b)fluoranthene

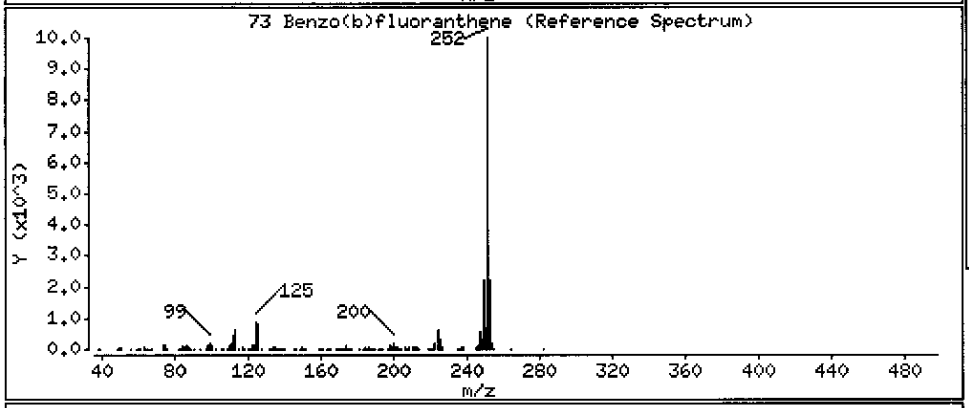
Concentration: 75 ug/Kg

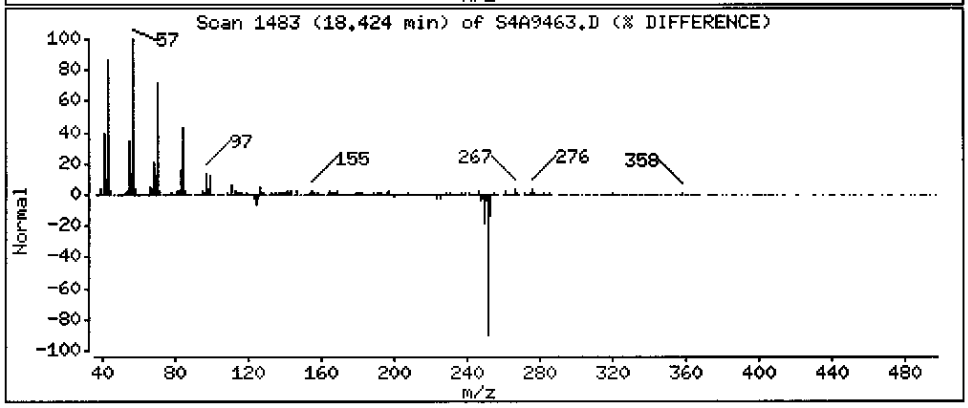












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9463.D

Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

Volume Injected (uL): 2.0

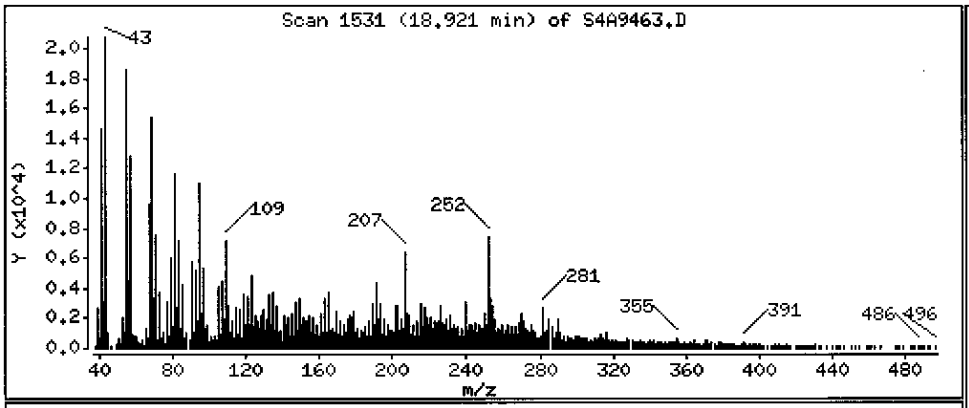
Operator: AW SRC: LIMS

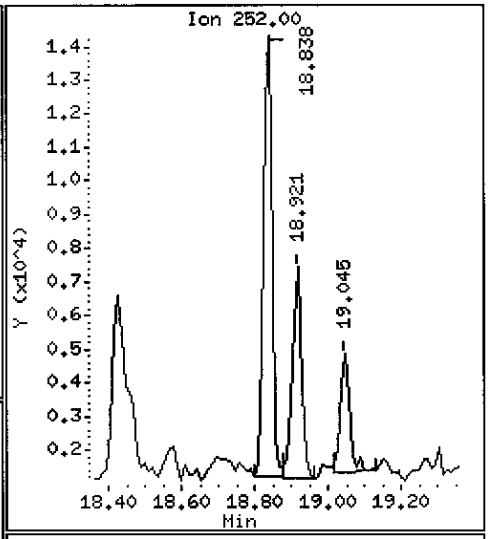
Column phase: DB-5MS

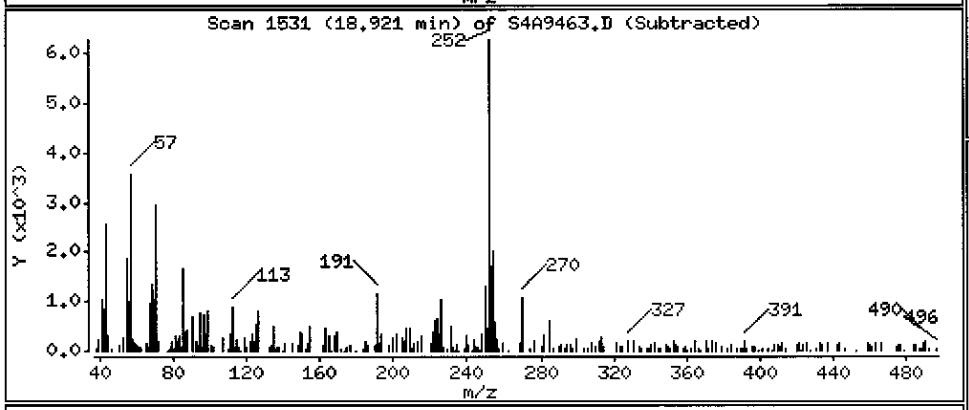
Column diameter: 0.25

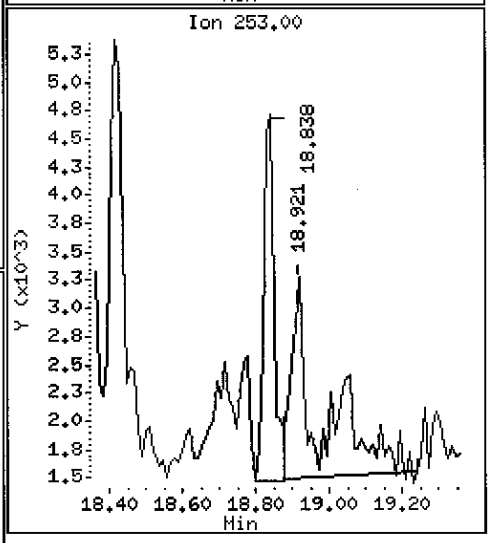
75 Benzo(a)pyrene

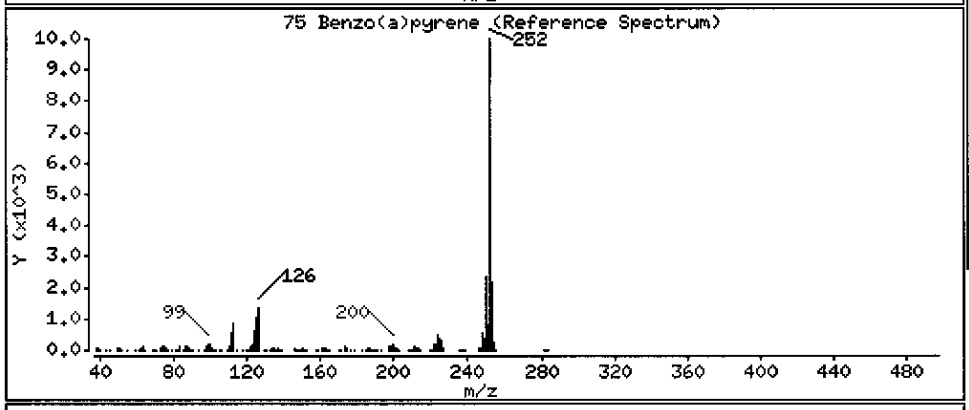
Concentration: 89 ug/Kg

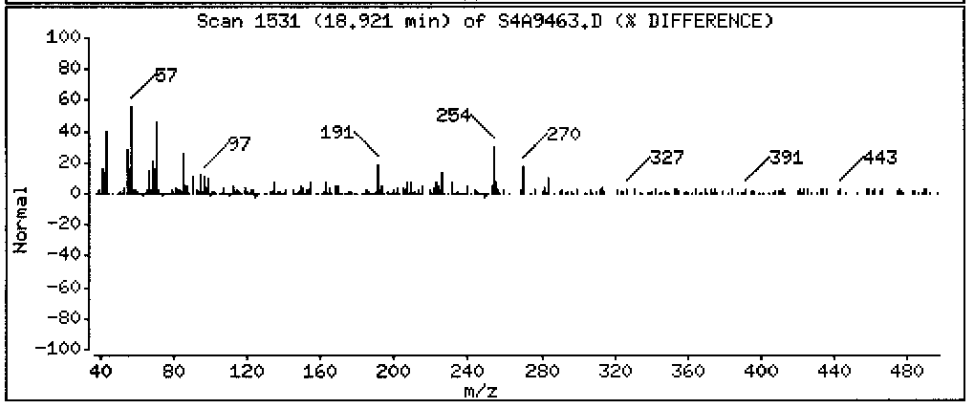












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9463.D

Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

Volume Injected (uL): 2.0

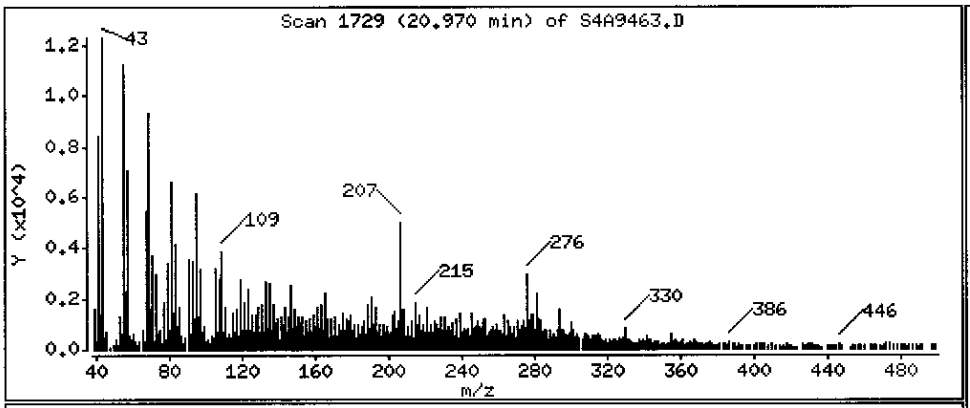
Operator: AW SRC: LIMS

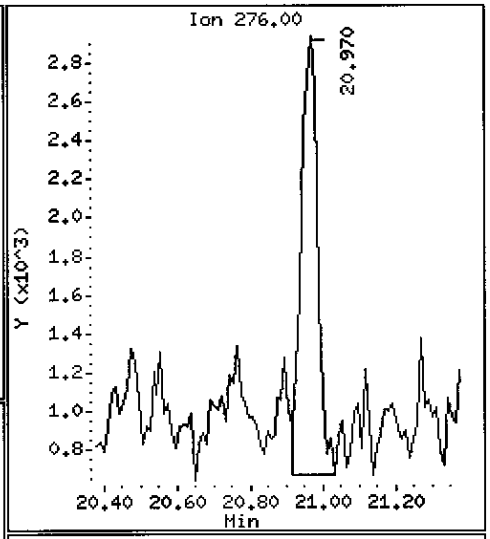
Column phase: DB-5MS

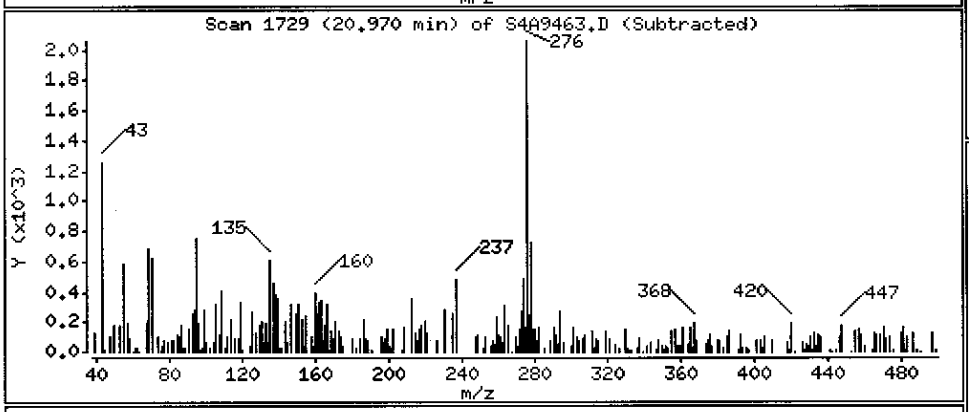
Column diameter: 0.25

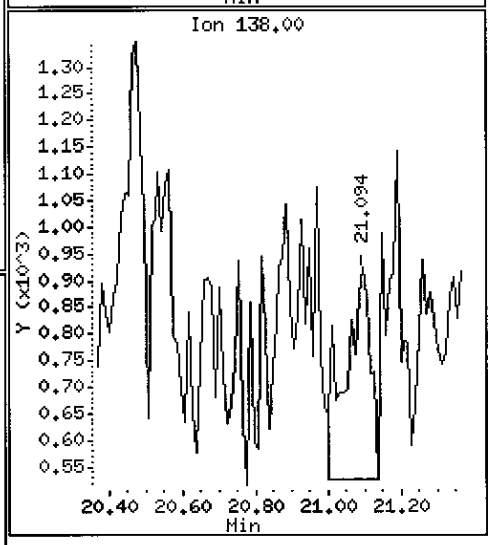
77 Indeno(1,2,3-cd)pyrene

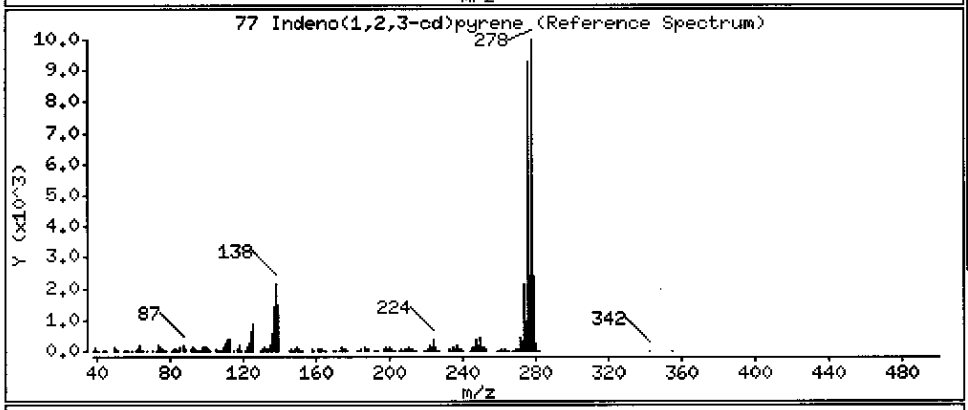
Concentration: 48 ug/Kg

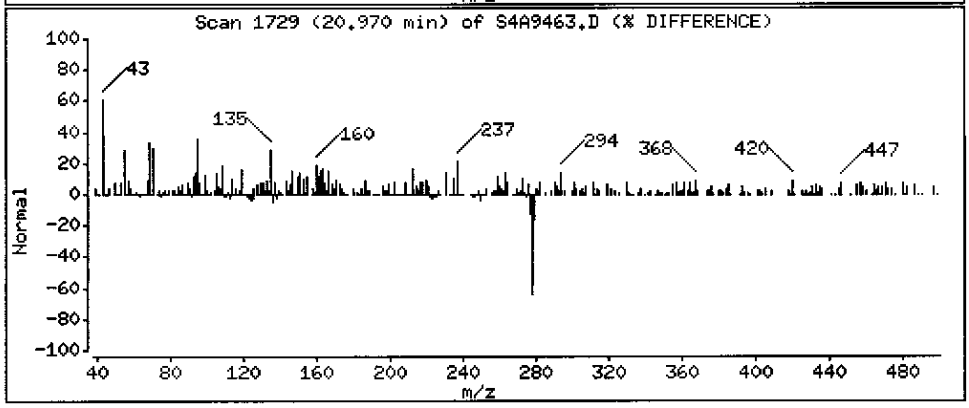












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9463.D

Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

Volume Injected (uL): 2.0

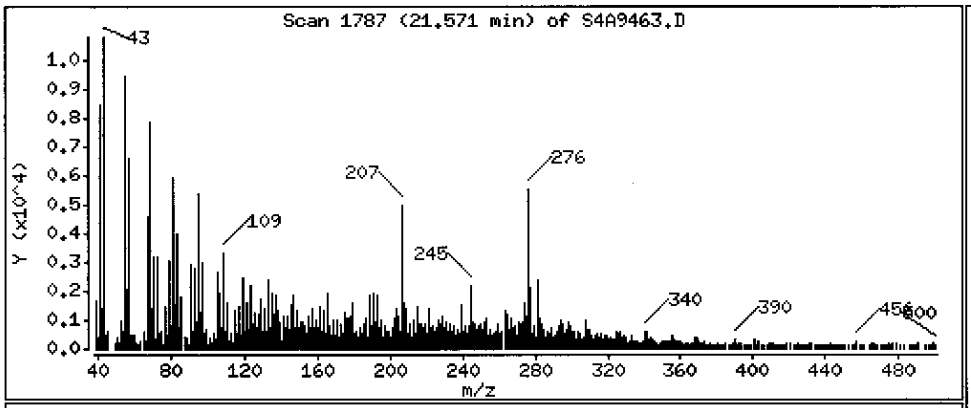
Operator: AW SRC: LIMS

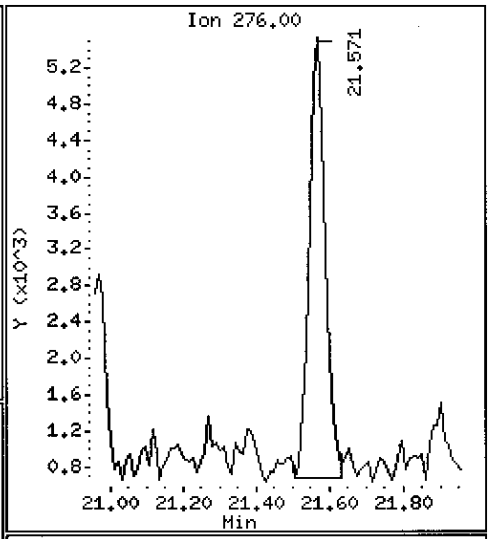
Column phase: DB-5MS

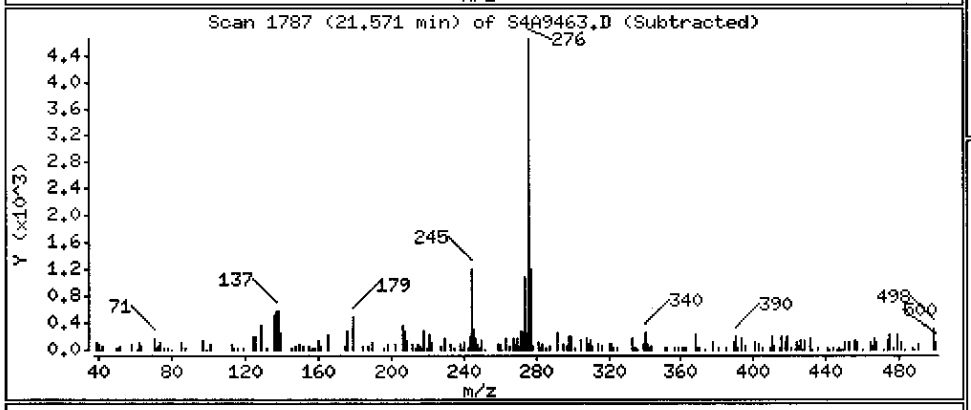
Column diameter: 0.25

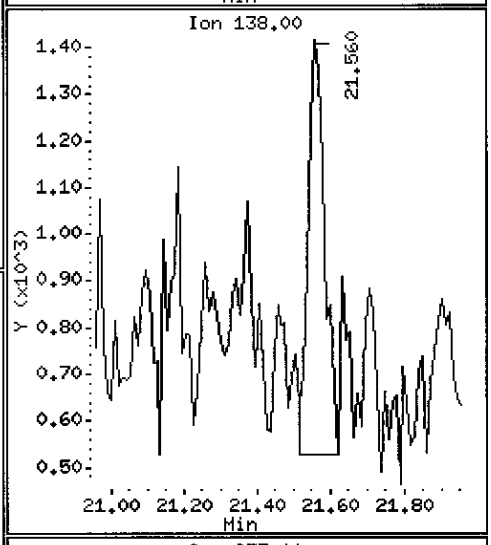
79 Benzo(g,h,i)perylene

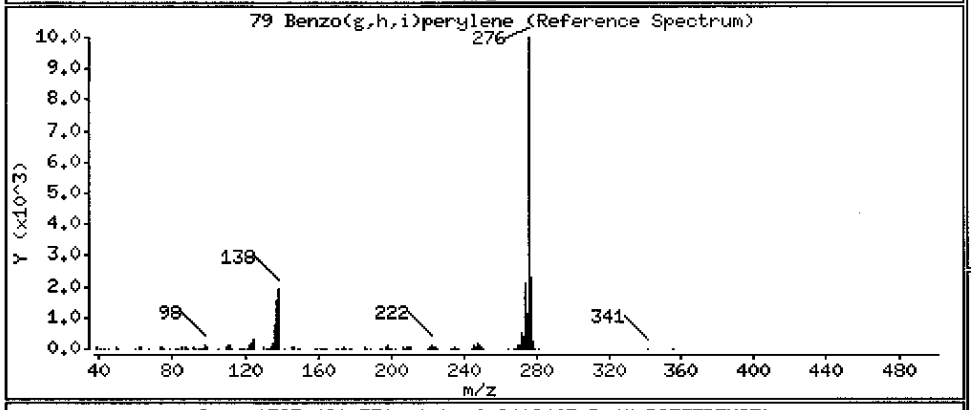
Concentration: 130 ug/Kg

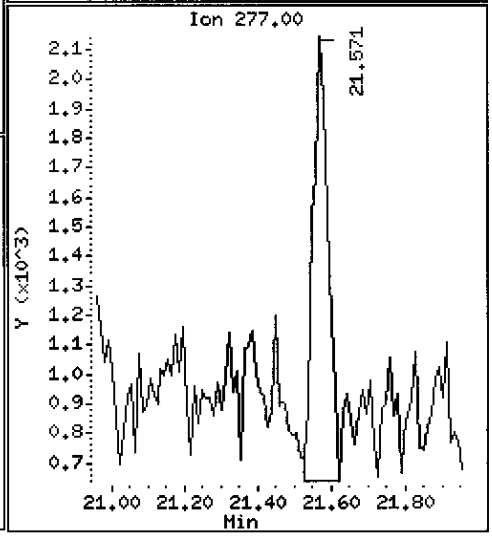


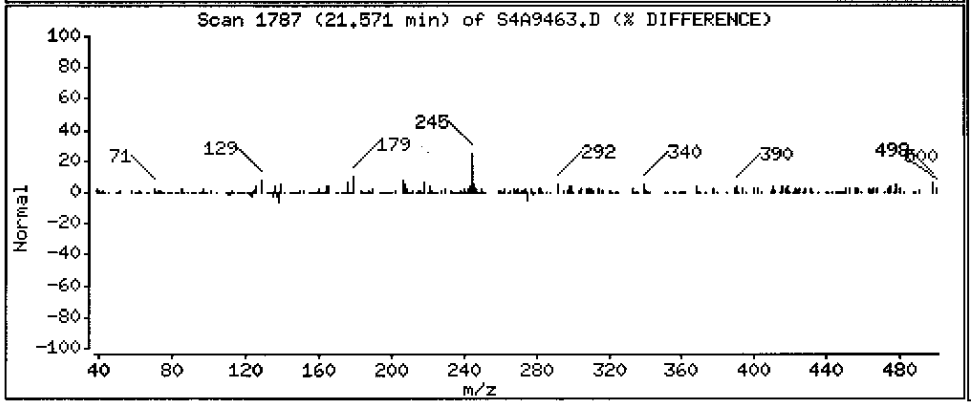












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9463.D

Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

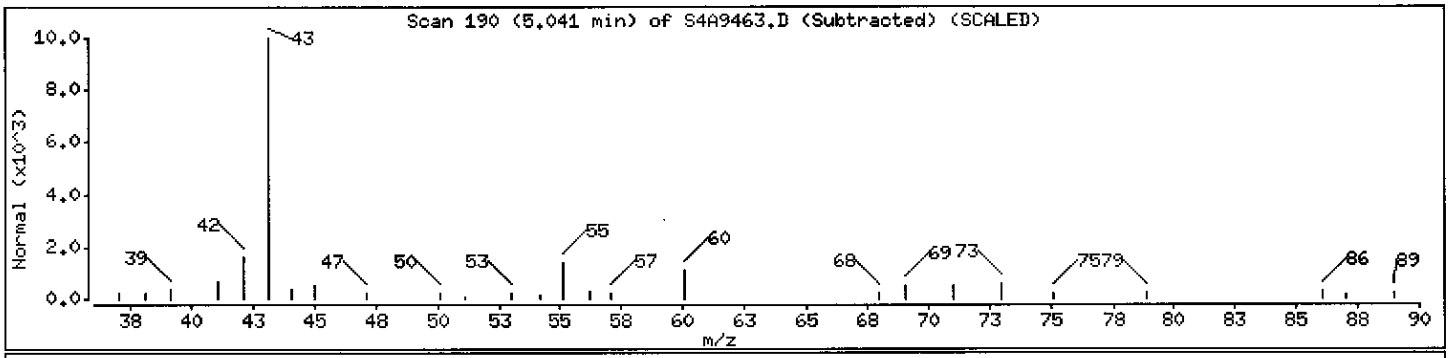
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9463.D

Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

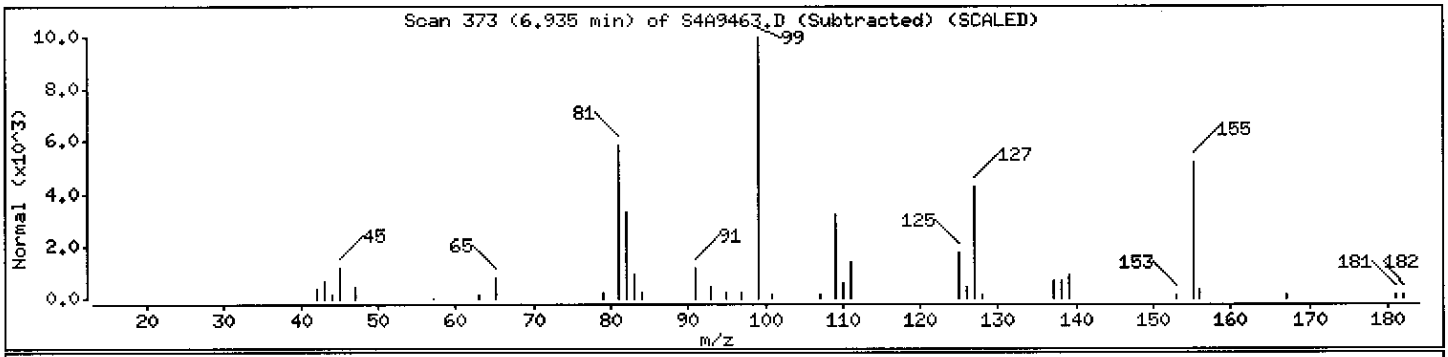
Volume Injected (uL): 2.0

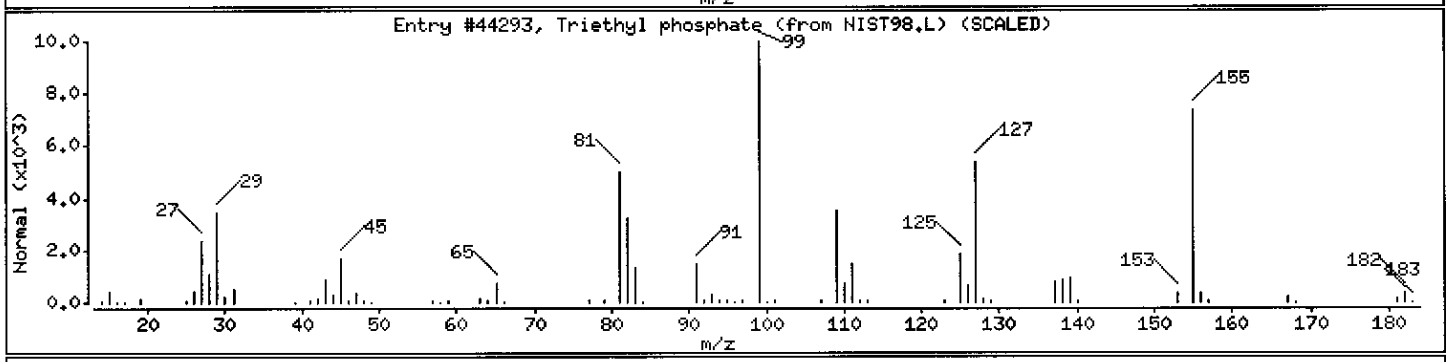
Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Triethyl phosphate	78-40-0	NIST98.L	44293	91	C6H15O4P	182





Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9463.D

Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

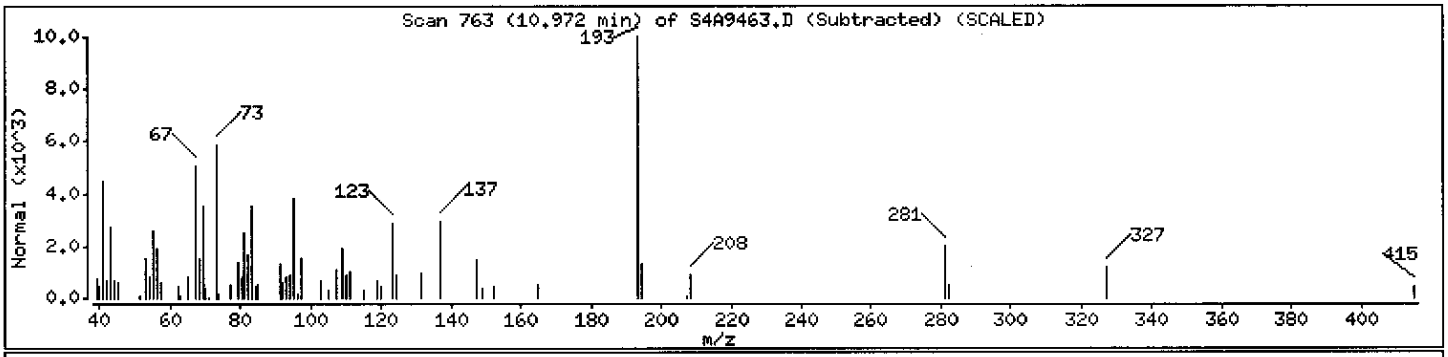
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9463.D

Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

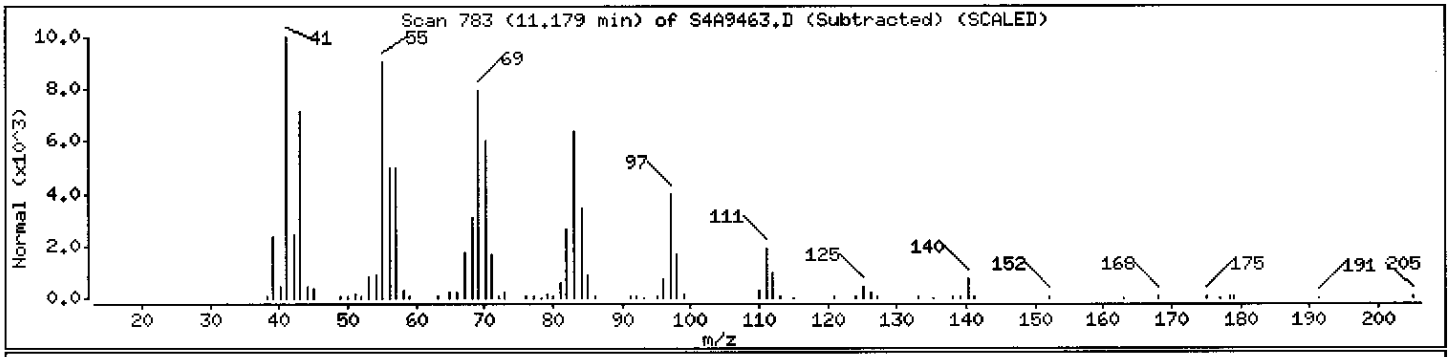
Volume Injected (uL): 2.0

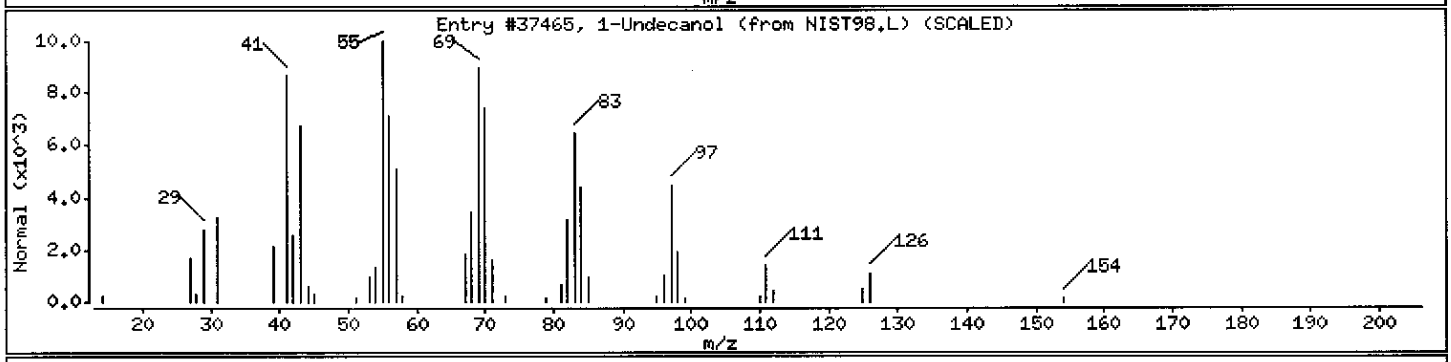
Operator: AW SRC: LIMS

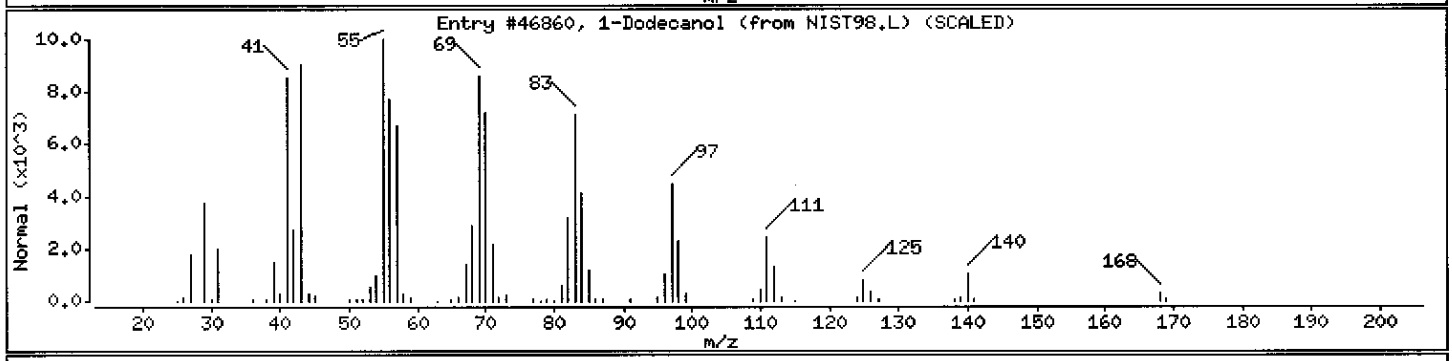
Column phase: DB-5MS

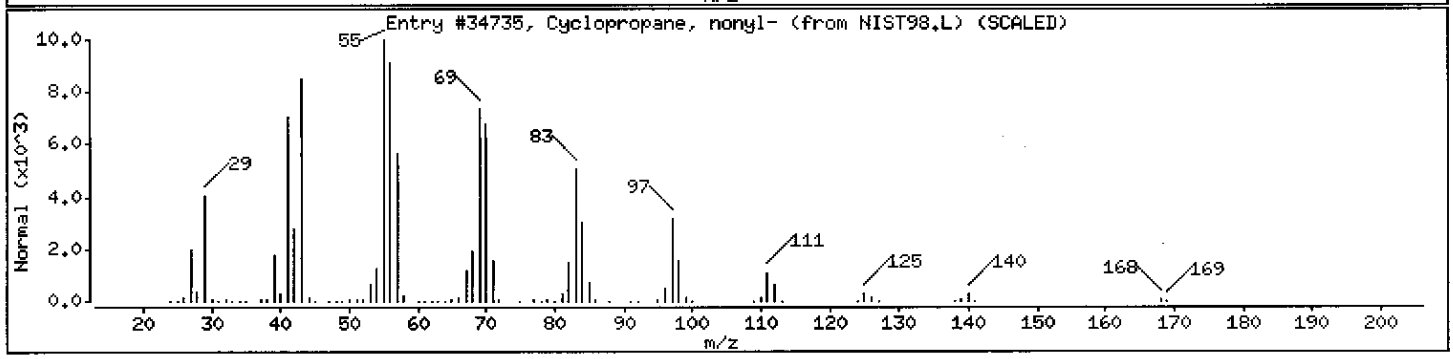
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Undecanol	112-42-5	NIST98.L	37465	91	C11H240	172
1-Dodecanol	112-53-8	NIST98.L	46860	91	C12H260	186
Cyclopropane, nonyl-	74663-85-7	NIST98.L	34735	90	C12H24	168









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9463.D

Date : 25-AUG-2005 17:27

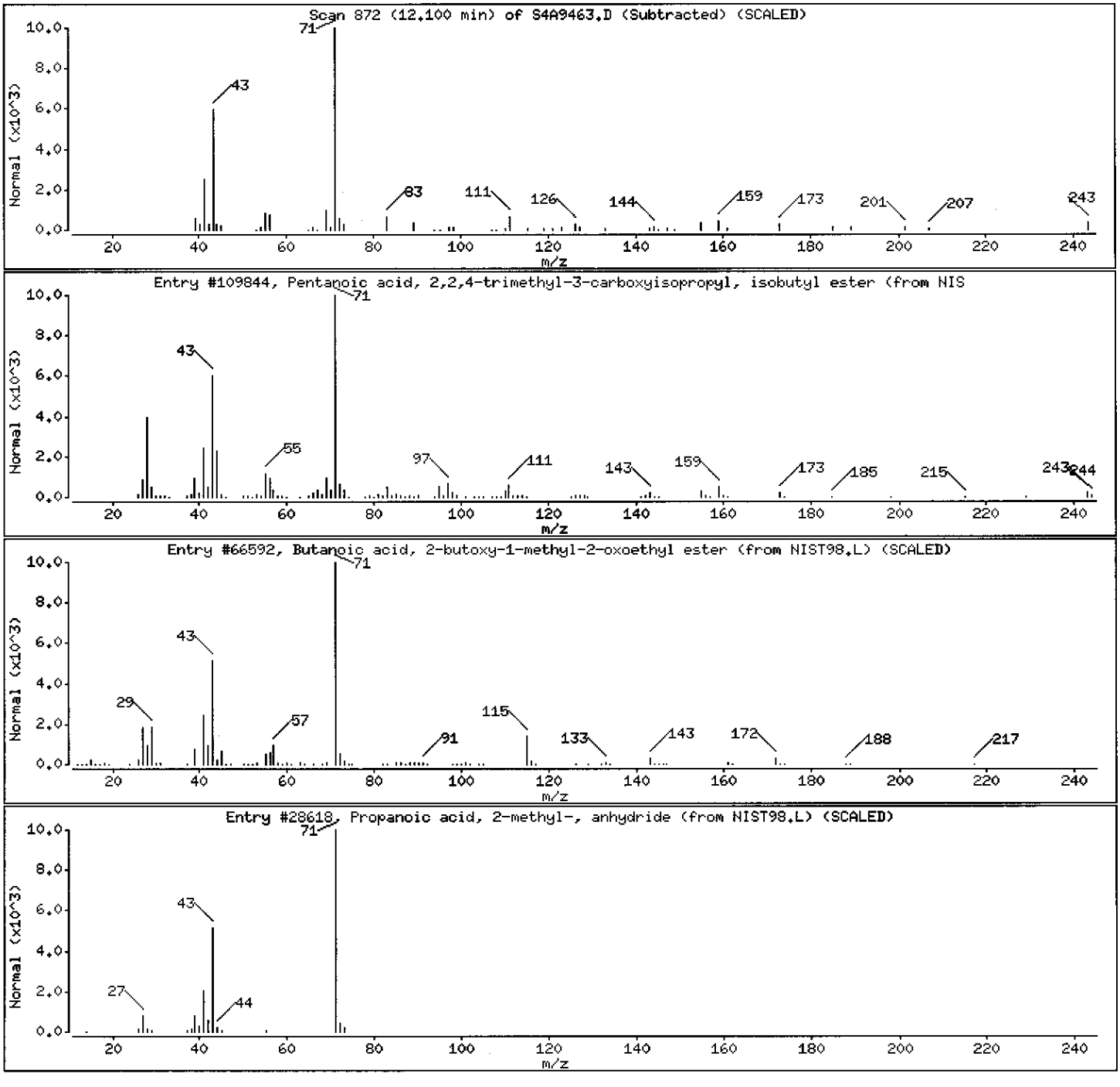
Client ID: SS05-S-ORE Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Pentanoic acid, 2,2,4-trimethyl-3-carbox	1000140-77-5	NIST98.L	109844	78	C16H3004	286
Butanoic acid, 2-butoxy-1-methyl-2-oxoet	7492-70-8	NIST98.L	66592	53	C11H2004	216
Propanoic acid, 2-methyl-, anhydride	97-72-3	NIST98.L	28618	53	C8H1403	158



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9463.D

Date : 25-AUG-2005 17:27

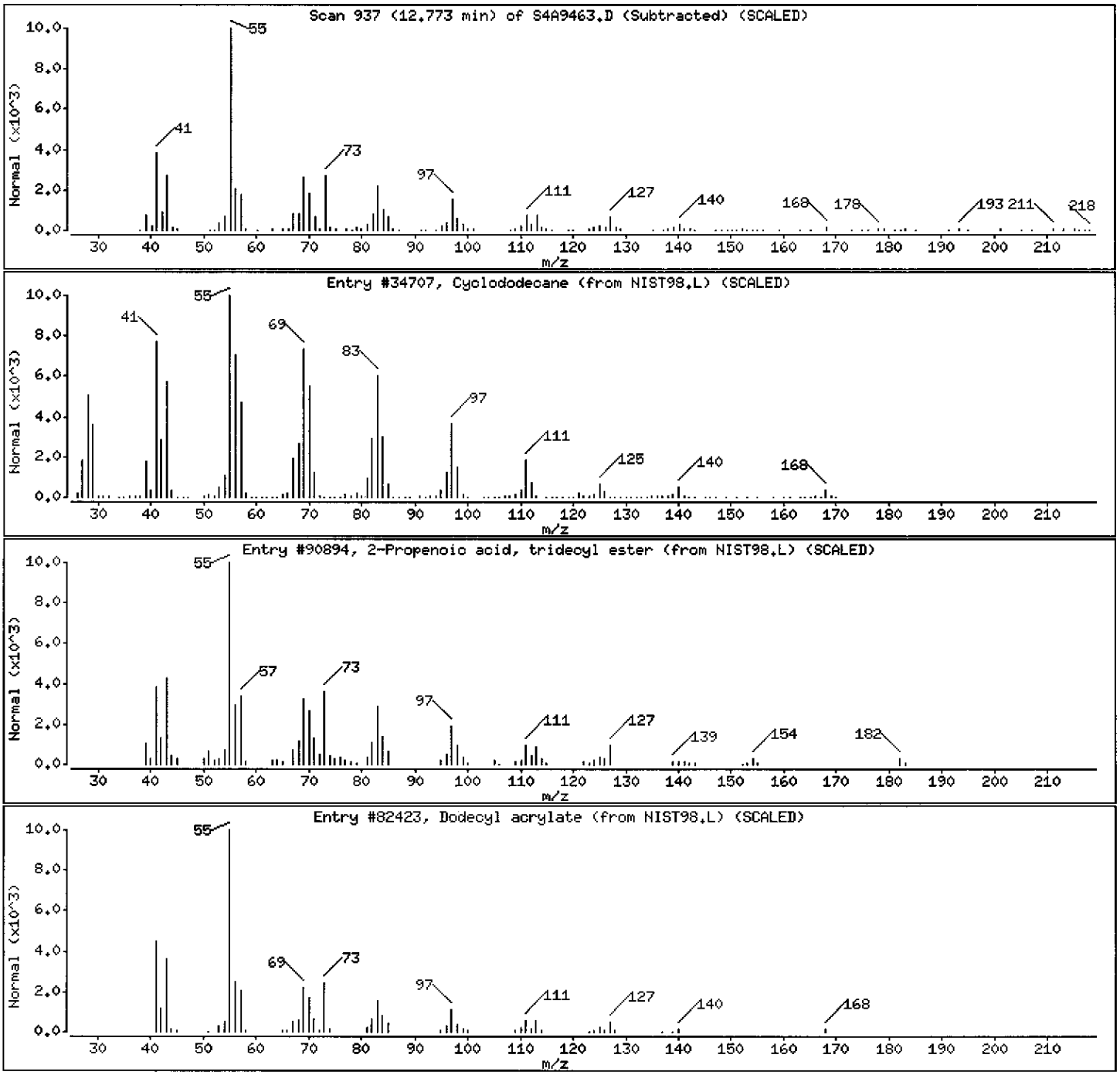
Client ID: SS05-S-ORE Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34707	92	C12H24	168
2-Propenoic acid, tridecyl ester	3076-04-8	NIST98.L	90894	90	C16H3002	254
Dodecyl acrylate	2156-97-0	NIST98.L	82423	87	C15H2802	240



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9463.D

Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

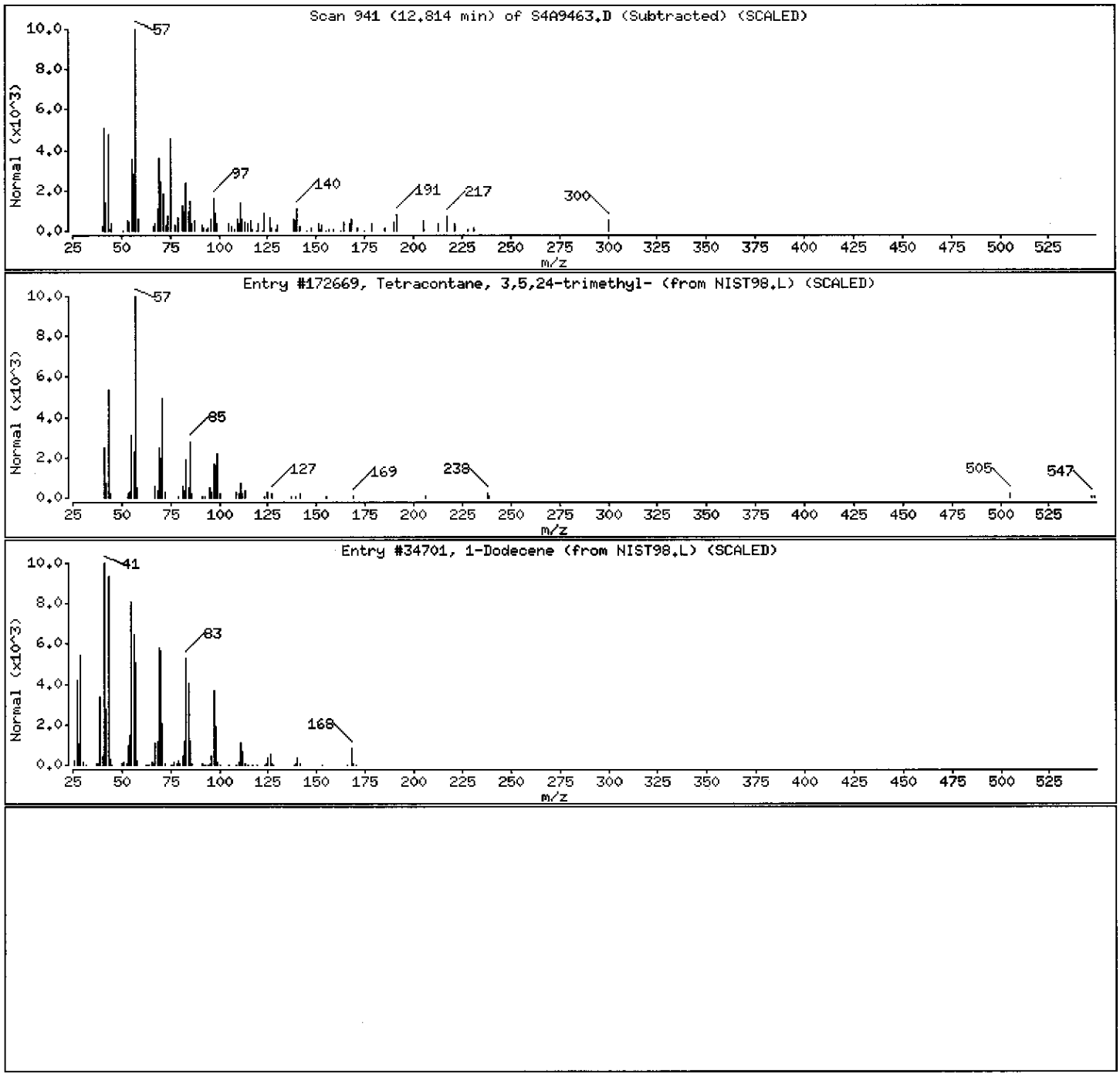
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Tetracontane, 3,5,24-trimethyl-	55162-61-3	NIST98.L	172669	46	C43H88	605
1-Dodecene	112-41-4	NIST98.L	34701	42	C12H24	168



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9463.D

Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

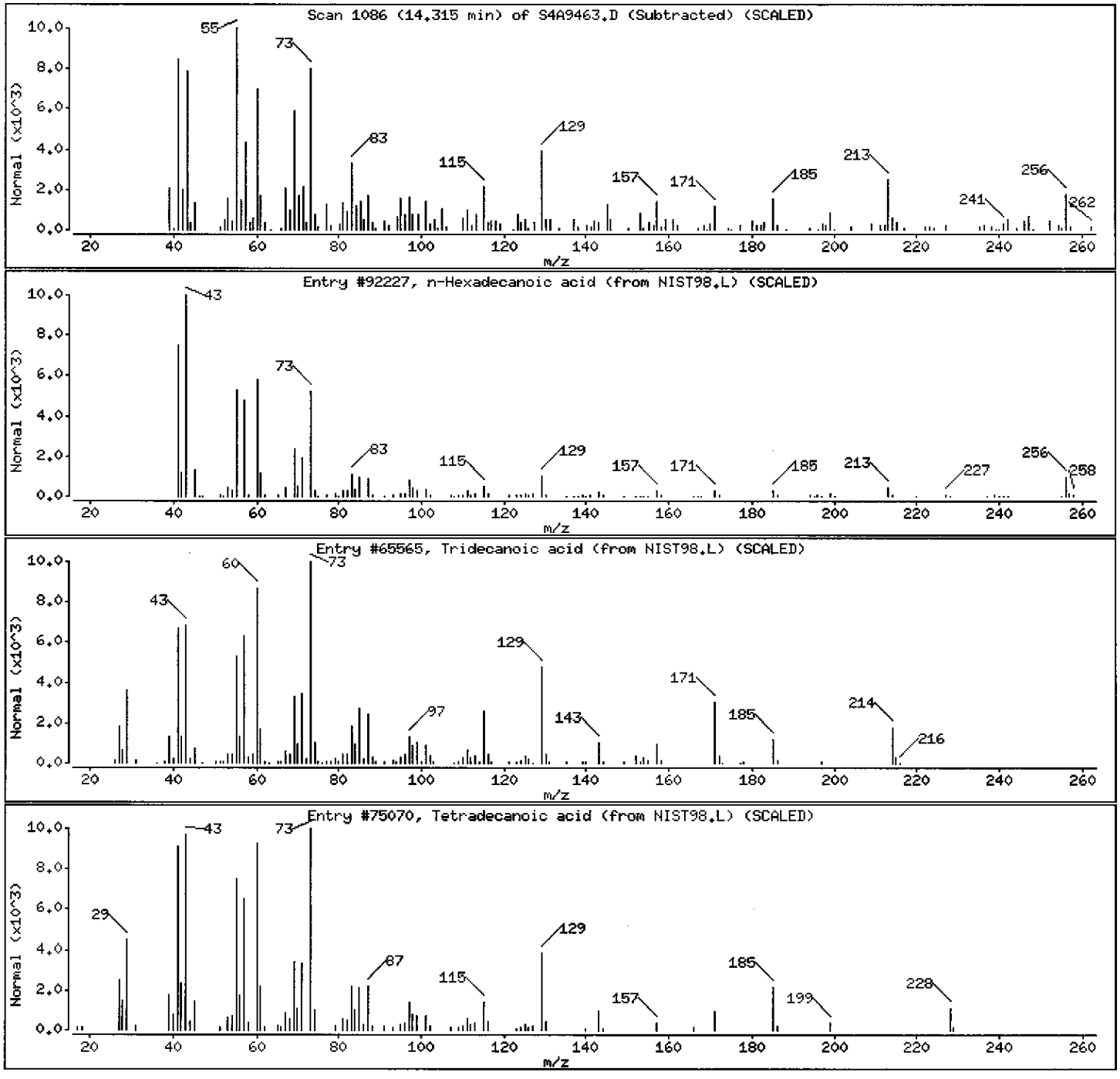
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
n-Hexadecanoic acid	57-10-3	NIST98.L	92227	60	C16H3202	256
Tridecanoic acid	638-53-9	NIST98.L	65565	52	C13H2602	214
Tetradecanoic acid	544-63-8	NIST98.L	75070	49	C14H2802	228



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Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

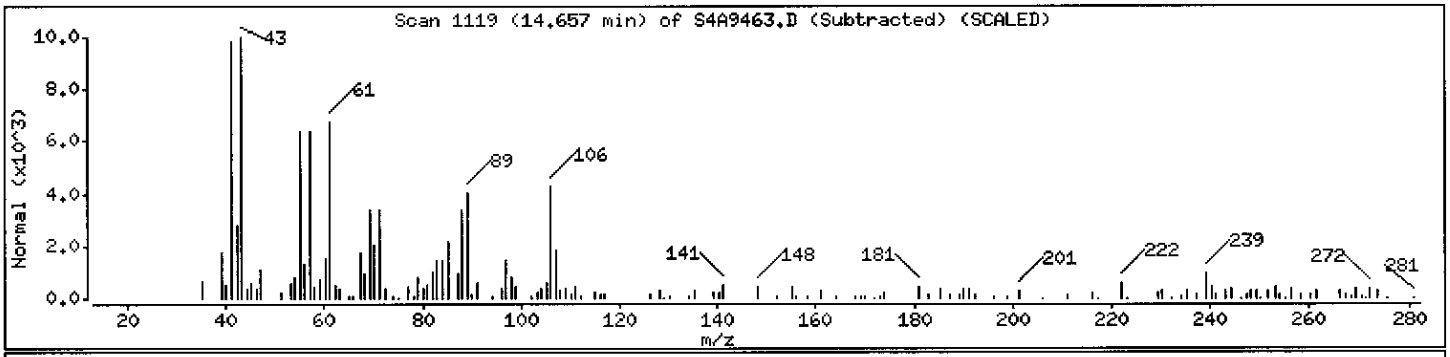
Volume Injected (uL): 2.0

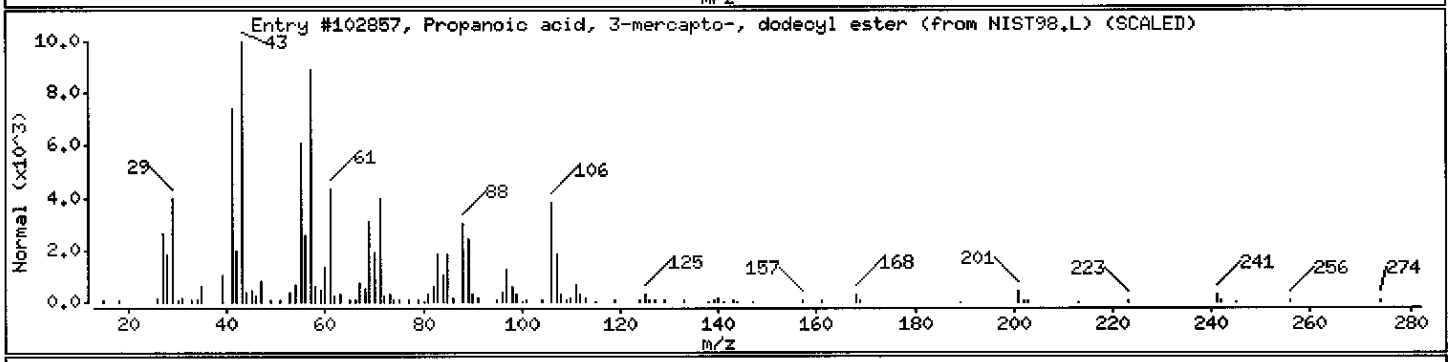
Operator: AW SRC: LIMS

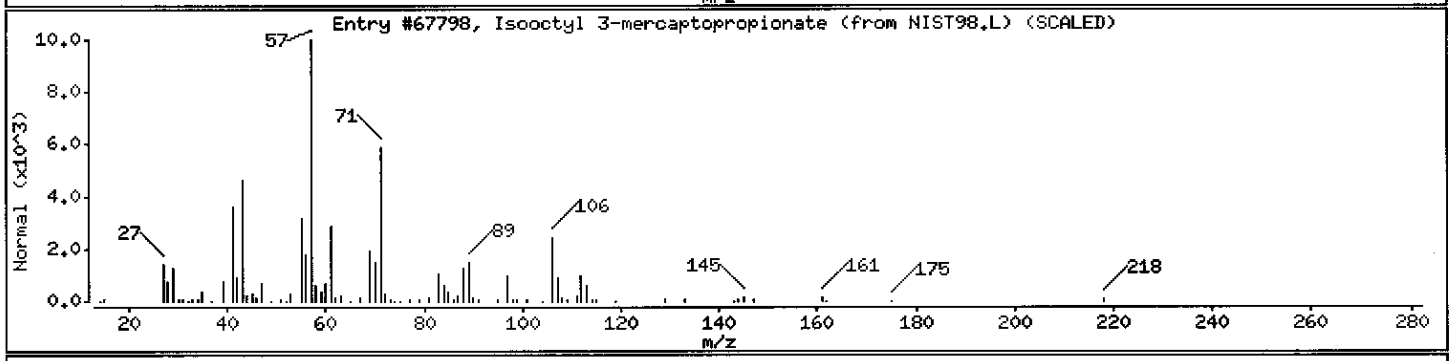
Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Propanoic acid, 3-mercapto-, dodecyl est	6380-71-8	NIST98.L	102857	53	C15H30O2S	274
Isooctyl 3-mercaptopropionate	30374-01-7	NIST98.L	67798	42	C11H22O2S	218







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Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

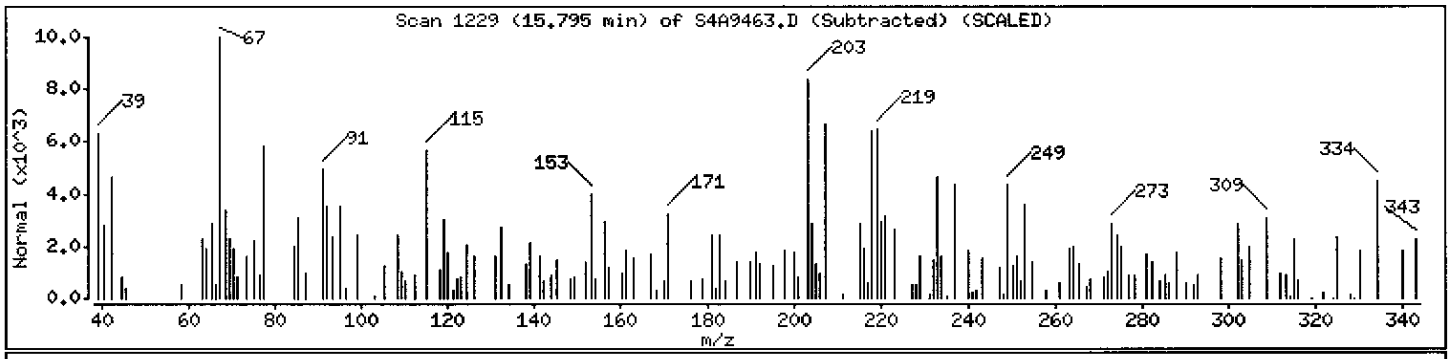
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

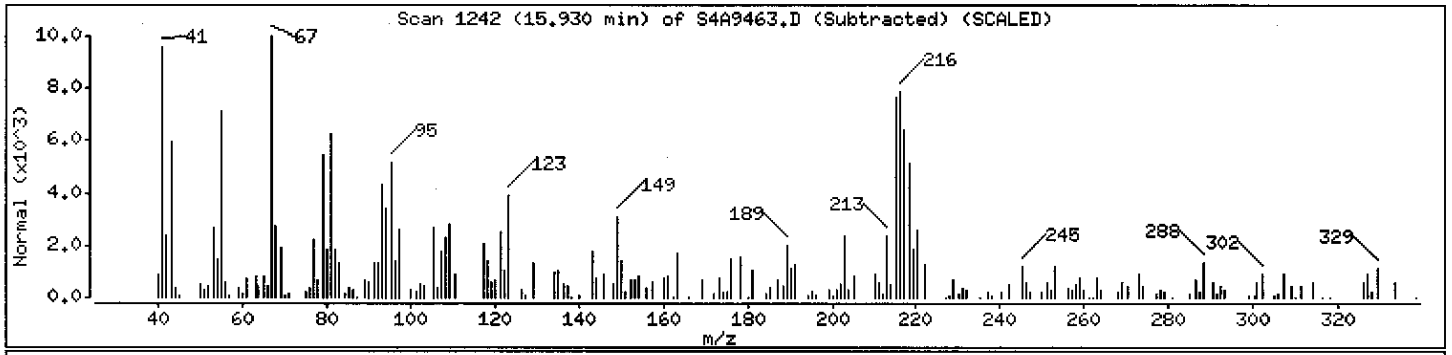
Volume Injected (uL): 2.0

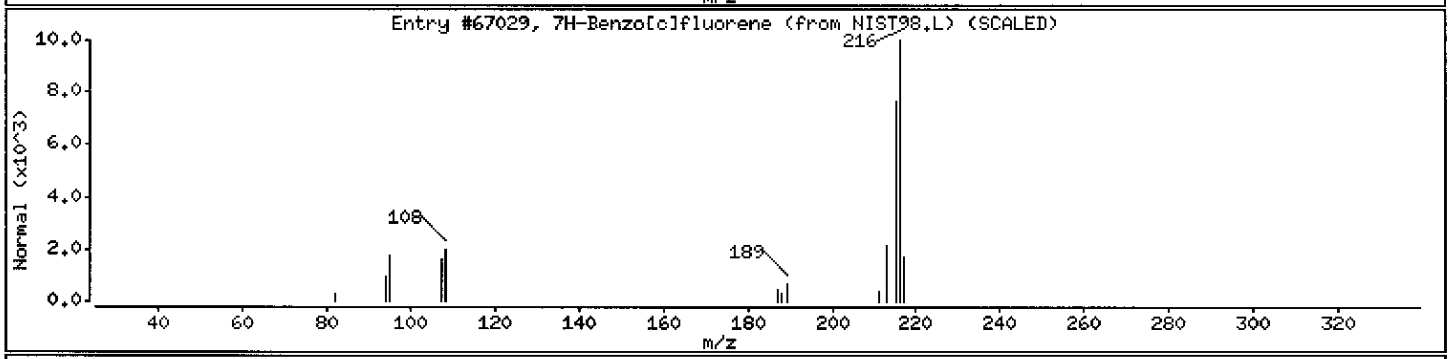
Operator: AW SRC: LIMS

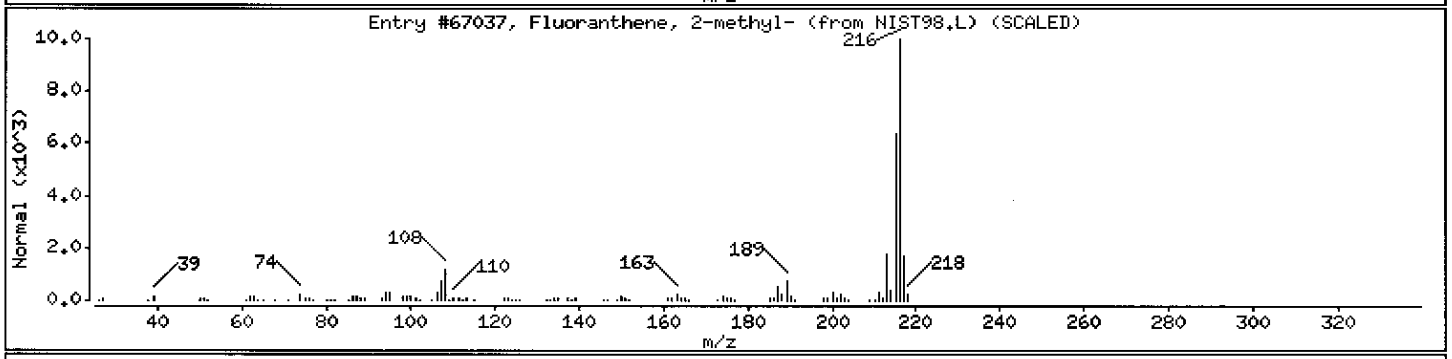
Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
7H-Benzo[c]fluorene	205-12-9	NIST98.L	67029	43	C17H12	216
Fluoranthene, 2-methyl-	33543-31-6	NIST98.L	67037	42	C17H12	216







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Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

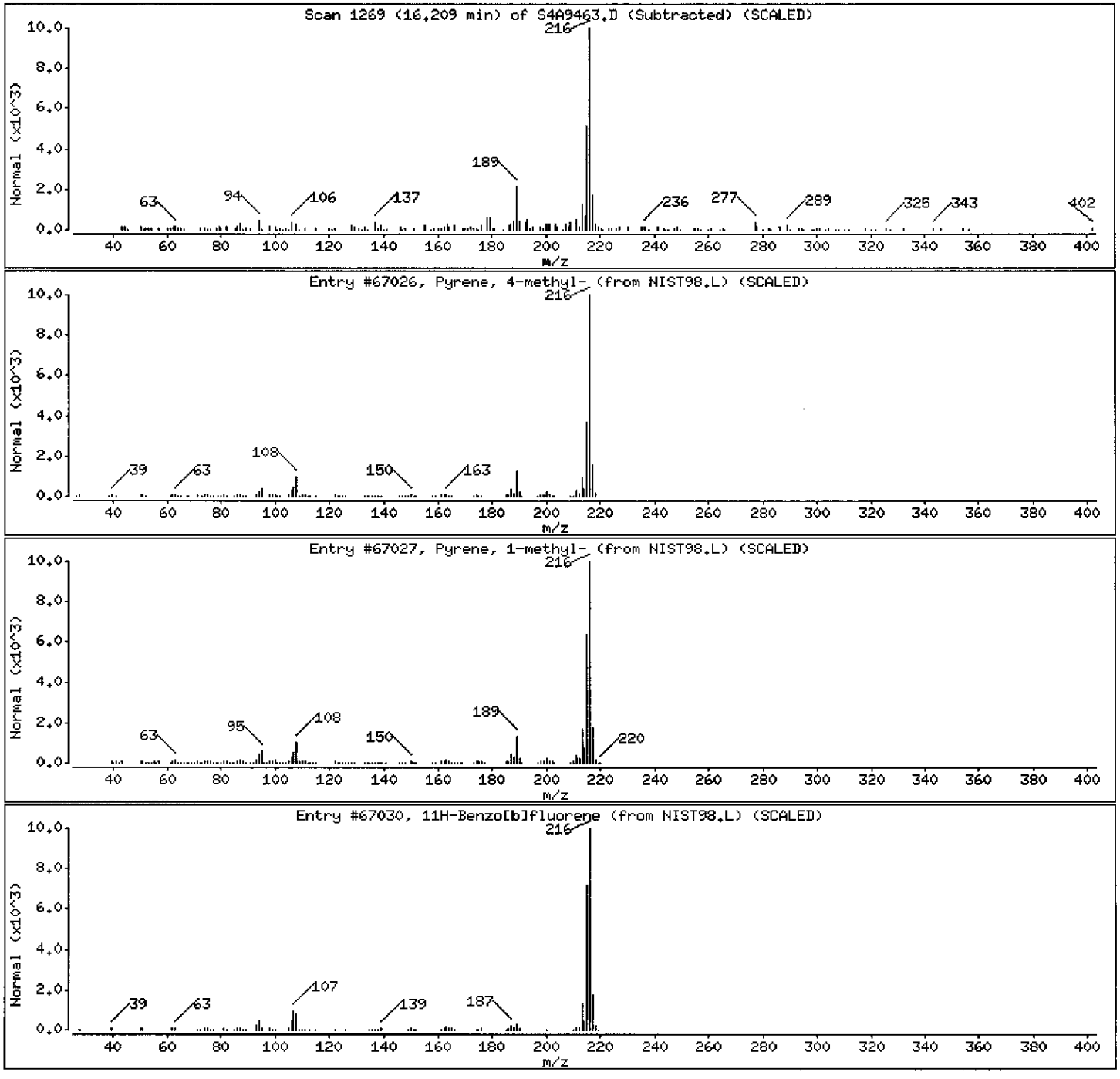
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pyrene, 4-methyl-	3353-12-6	NIST98.L	67026	90	C17H12	216
Pyrene, 1-methyl-	2381-21-7	NIST98.L	67027	90	C17H12	216
11H-Benzo[b]fluorene	243-17-4	NIST98.L	67030	81	C17H12	216



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Date : 25-AUG-2005 17:27

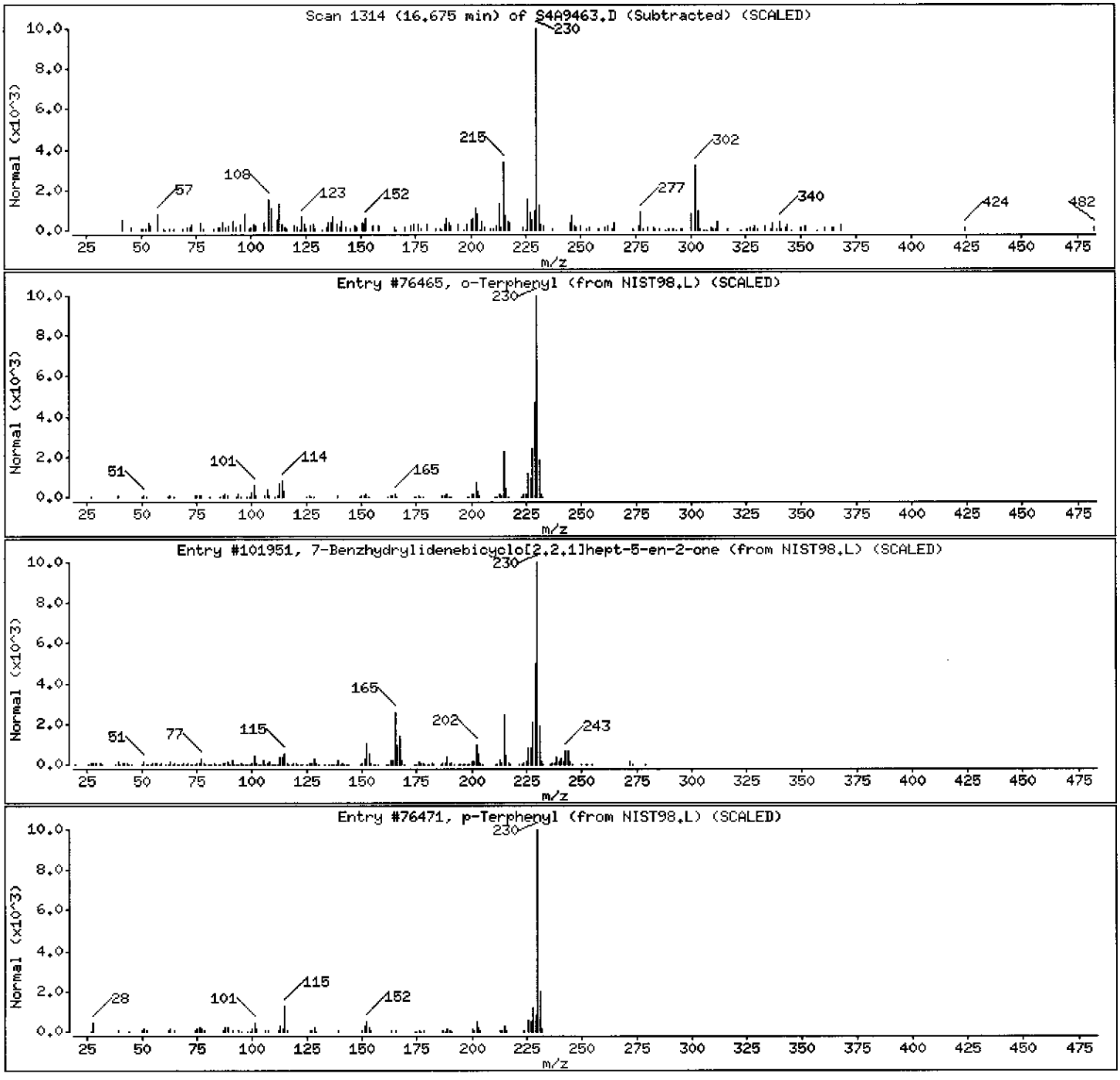
Client ID: SS05-S-ORE Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
o-Terphenyl	84-15-1	NIST98.L	76465	64	C18H14	230
7-Benzhydrylidenebicyclo[2.2.1]hept-5-en	118999-90-9	NIST98.L	101951	50	C20H160	272
p-Terphenyl	92-94-4	NIST98.L	76471	49	C18H14	230



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Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

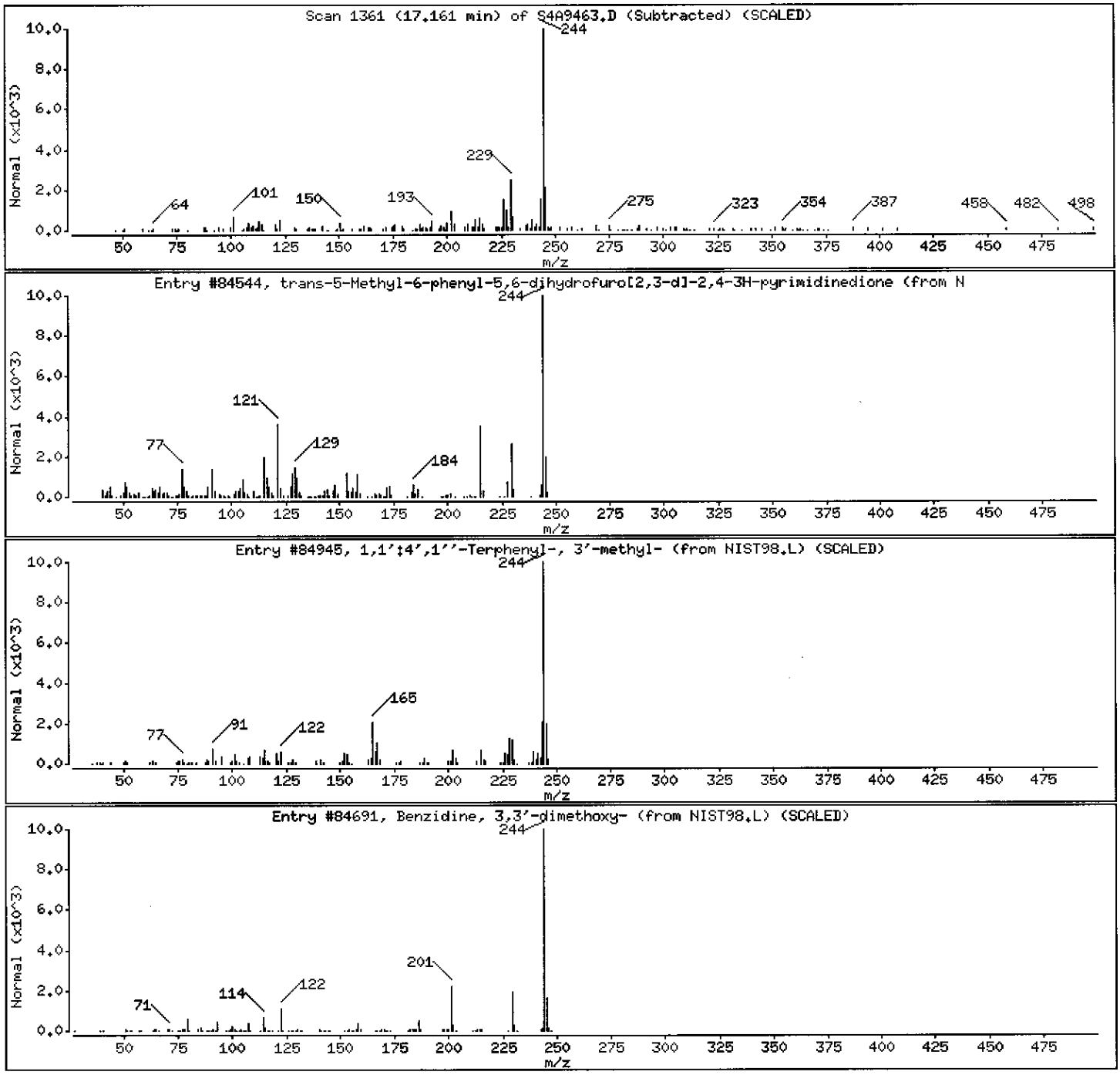
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
trans-5-Methyl-6-phenyl-5,6-dihydrofuro[	1000212-27-9	NIST98.L	84544	72	C13H12N2O3	244
1,1':4',1''-Terphenyl-, 3'-methyl-	33776-38-4	NIST98.L	84945	64	C19H16	244
Benzidine, 3,3'-dimethoxy-	119-90-4	NIST98.L	84691	64	C14H16N2O2	244



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Date : 25-AUG-2005 17:27

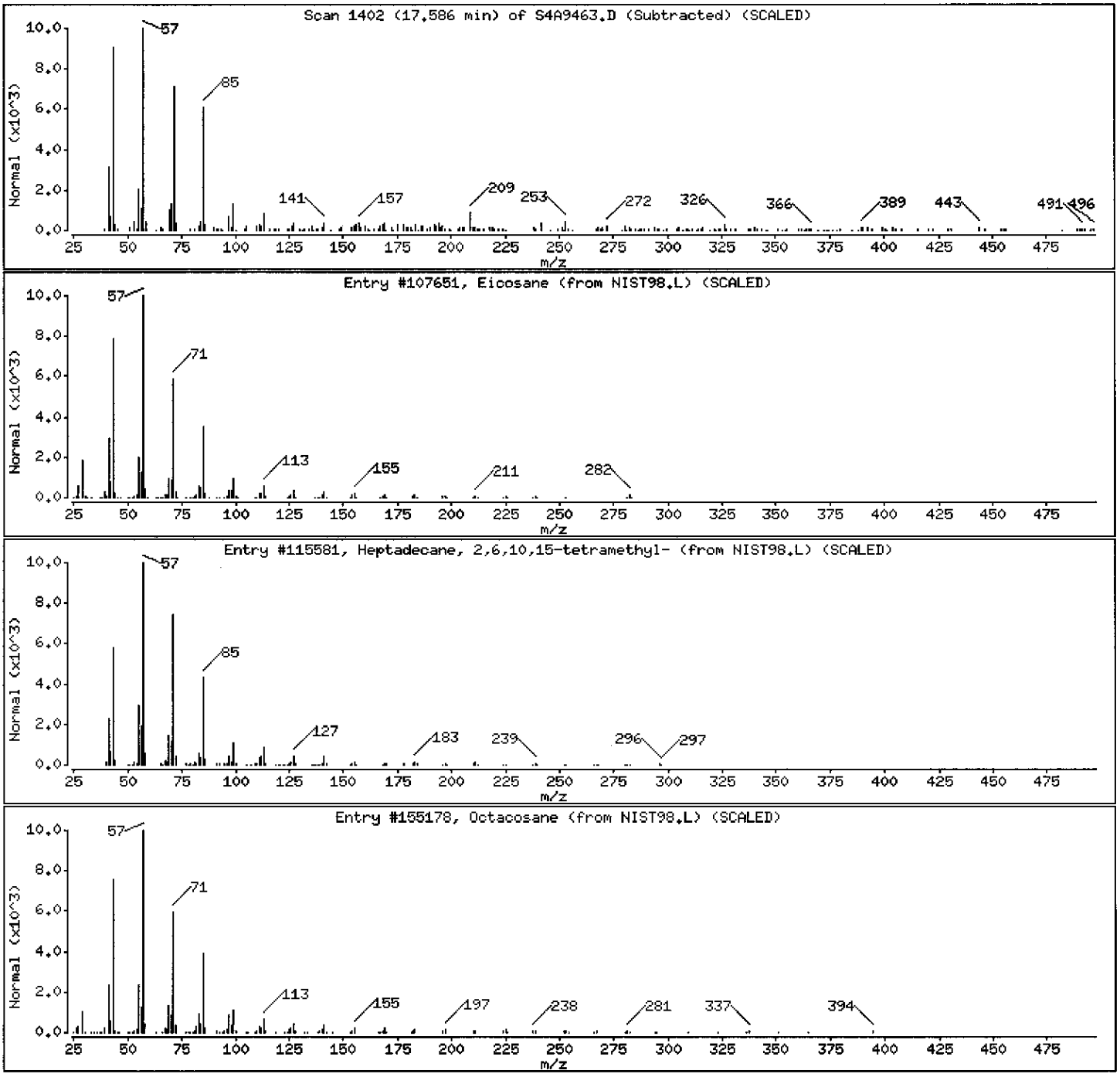
Client ID: SS05-S-ORE Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Eicosane	112-95-8	NIST98.L	107651	96	C20H42	282
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST98.L	115581	91	C21H44	296
Octacosane	630-02-4	NIST98.L	155178	81	C28H58	394



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Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

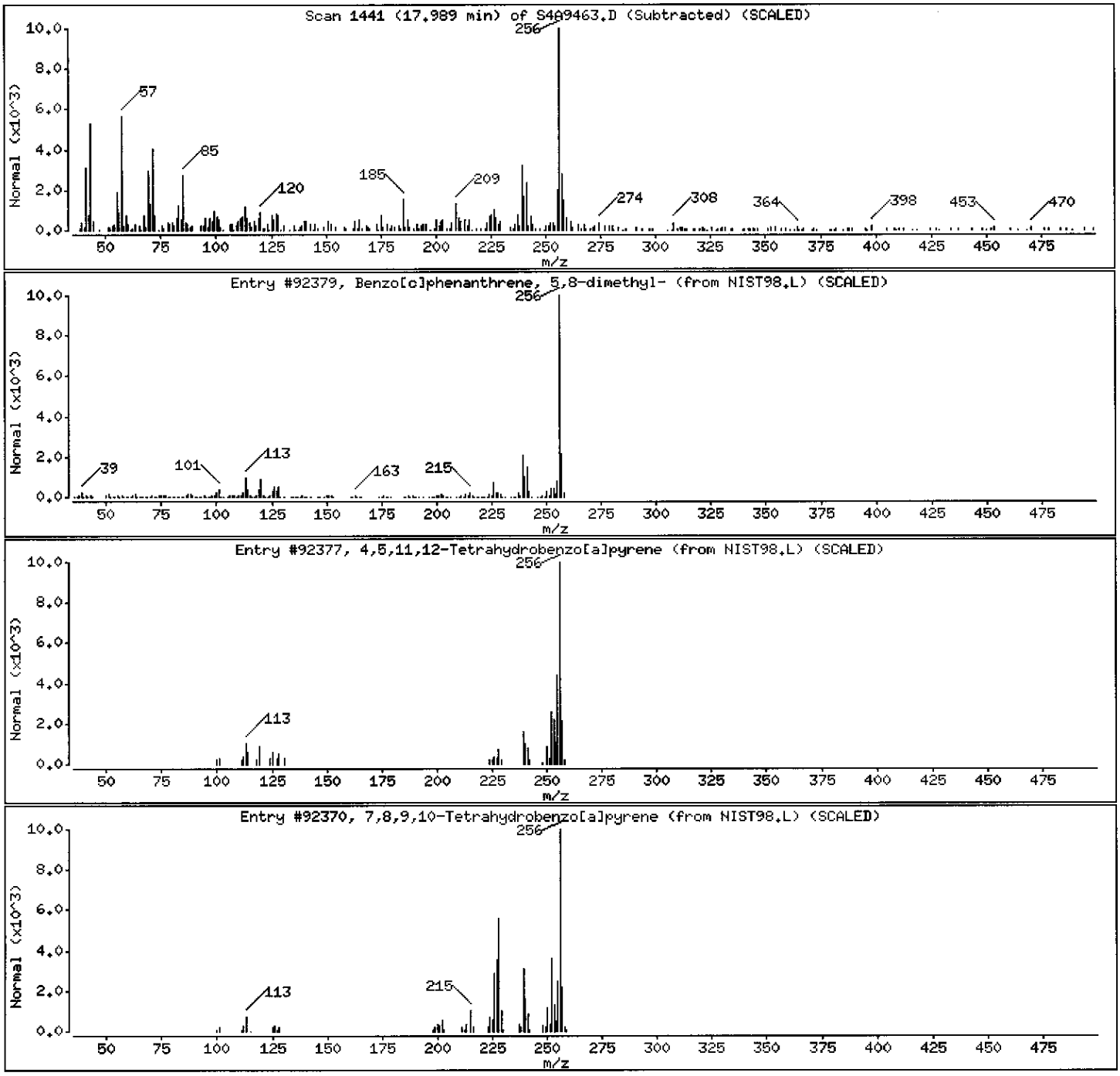
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo[c]phenanthrene, 5,8-dimethyl-	54986-63-9	NIST98.L	92379	86	C20H16	256
4,5,11,12-Tetrahydrobenzo[a]pyrene	109292-58-2	NIST98.L	92377	68	C20H16	256
7,8,9,10-Tetrahydrobenzo[a]pyrene	17750-93-5	NIST98.L	92370	59	C20H16	256



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Date : 25-AUG-2005 17:27

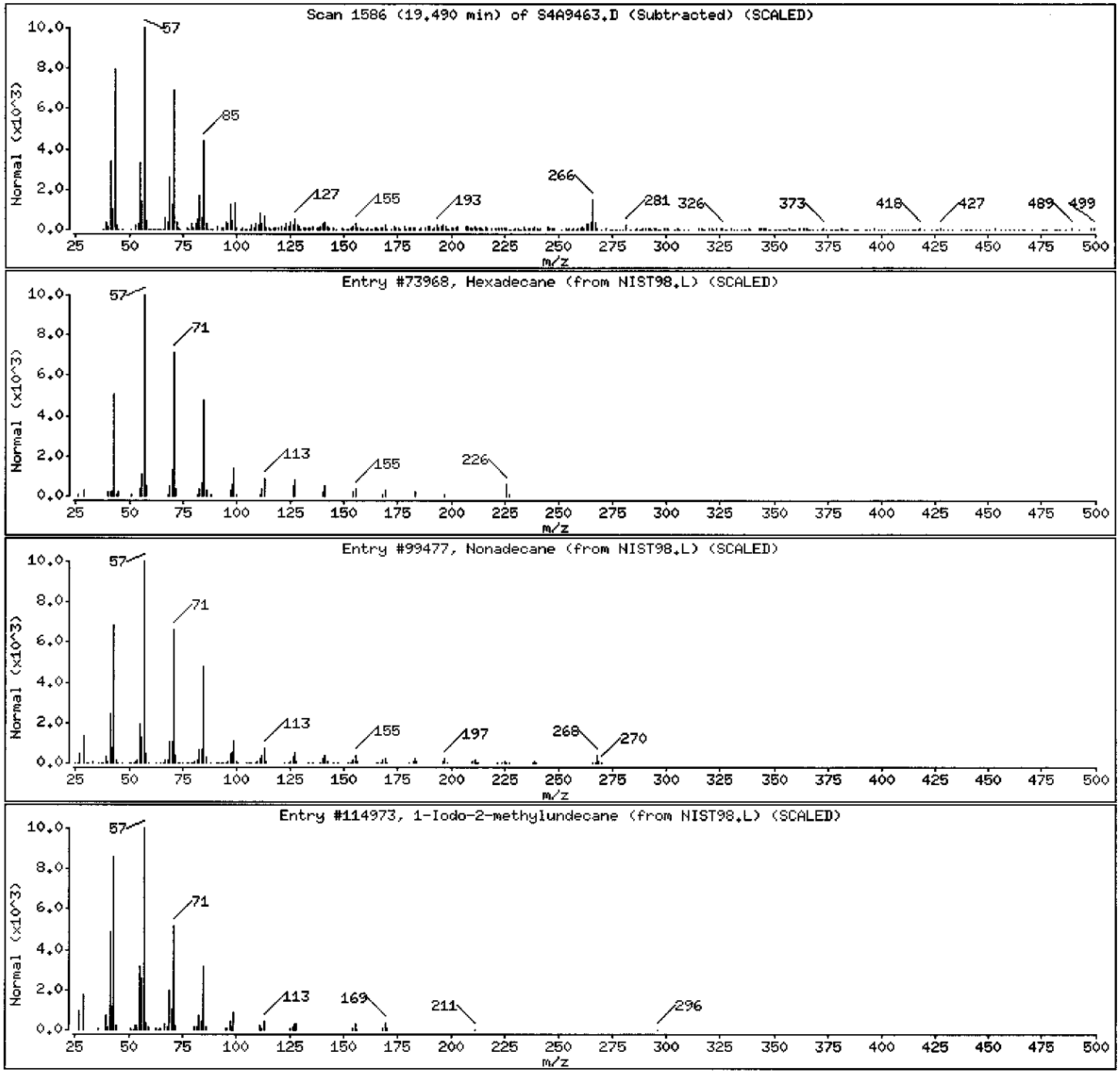
Client ID: SS05-S-ORE Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Hexadecane	544-76-3	NIST98.L	73968	95	C16H34	226
Nonadecane	629-92-5	NIST98.L	99477	94	C19H40	268
1-Iodo-2-methylundecane	73105-67-6	NIST98.L	114973	91	C12H25I	296



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Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

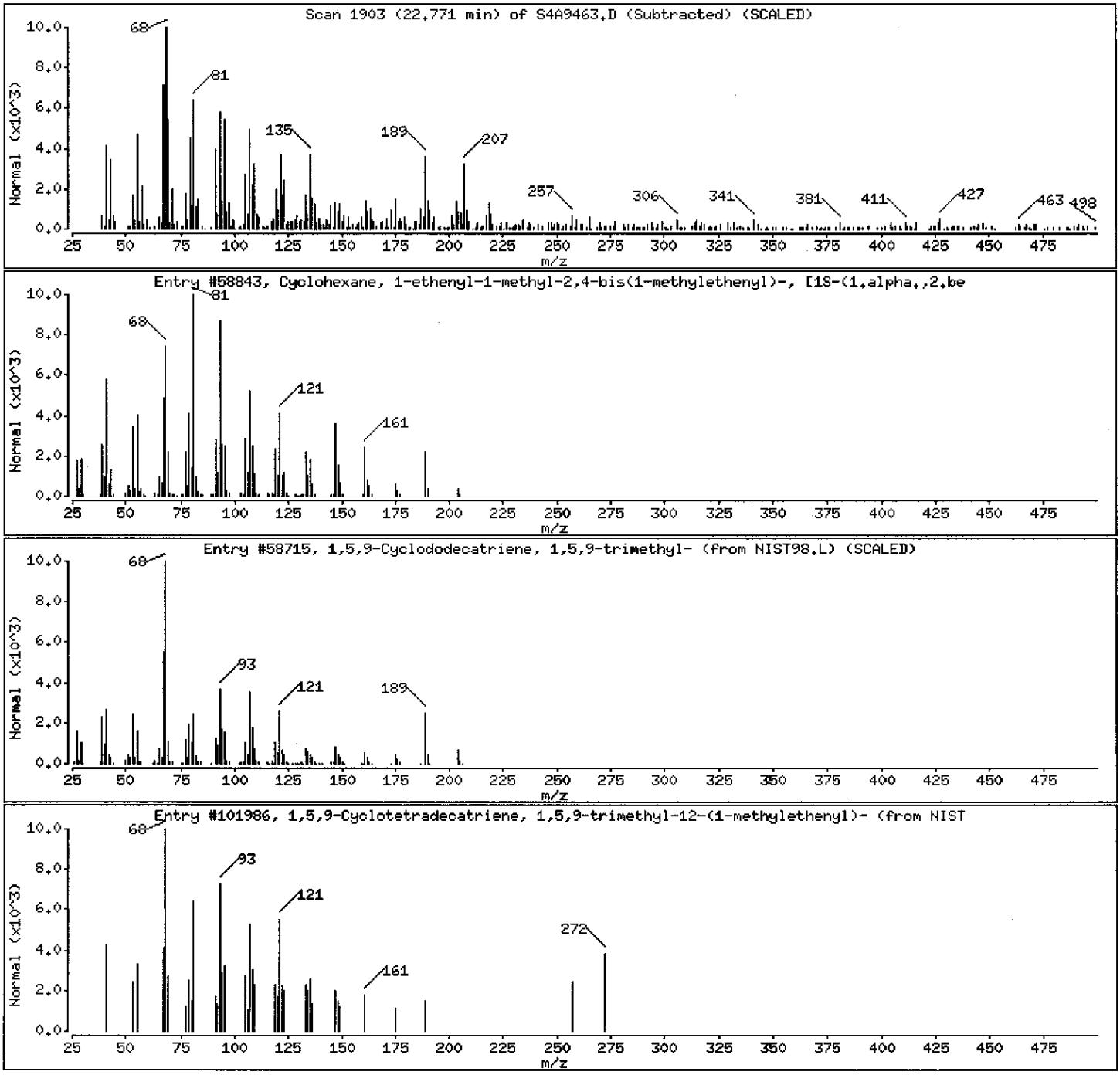
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclohexane, 1-ethenyl-1-methyl-2,4-bis(	515-13-9	NIST98.L	58843	70	C15H24	204
1,5,9-Cyclododecatriene, 1,5,9-trimethyl	21064-19-7	NIST98.L	58715	60	C15H24	204
1,5,9-Cyclotetradecatriene, 1,5,9-trimet	38748-84-4	NIST98.L	101986	50	C20H32	272



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Date : 25-AUG-2005 17:27

Client ID: SS05-S-ORE

Instrument: S4.i

Sample Info: D0926-17ARE,,19468,,

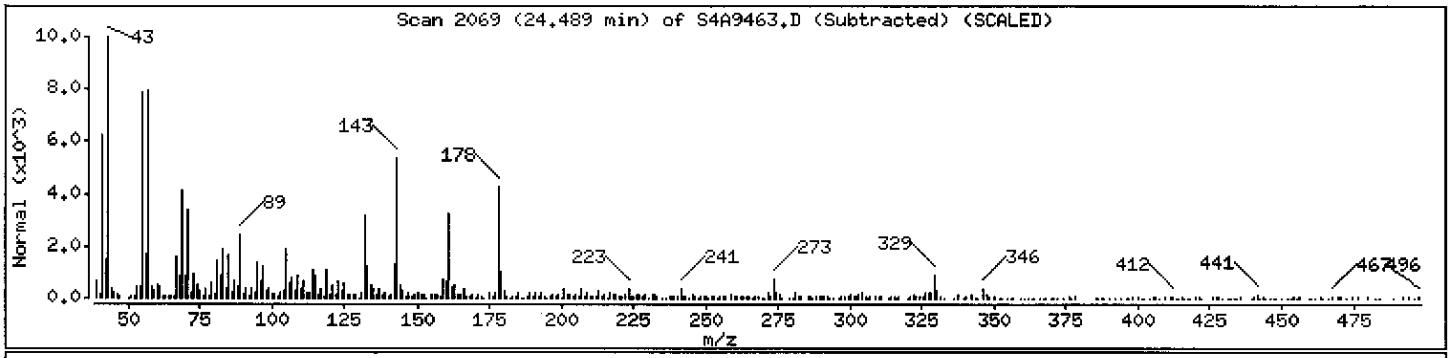
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS10-S-D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-20A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9432

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	940	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	940	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	940	U
83-32-9	Acenaphthene	380	U

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SS10-S-D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-20A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9432

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	940	U
100-02-7	4-Nitrophenol	940	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	940	U
534-52-1	4,6-Dinitro-2-methylphenol	940	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	940	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	66	JB
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SS10-S-D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-20A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9432

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

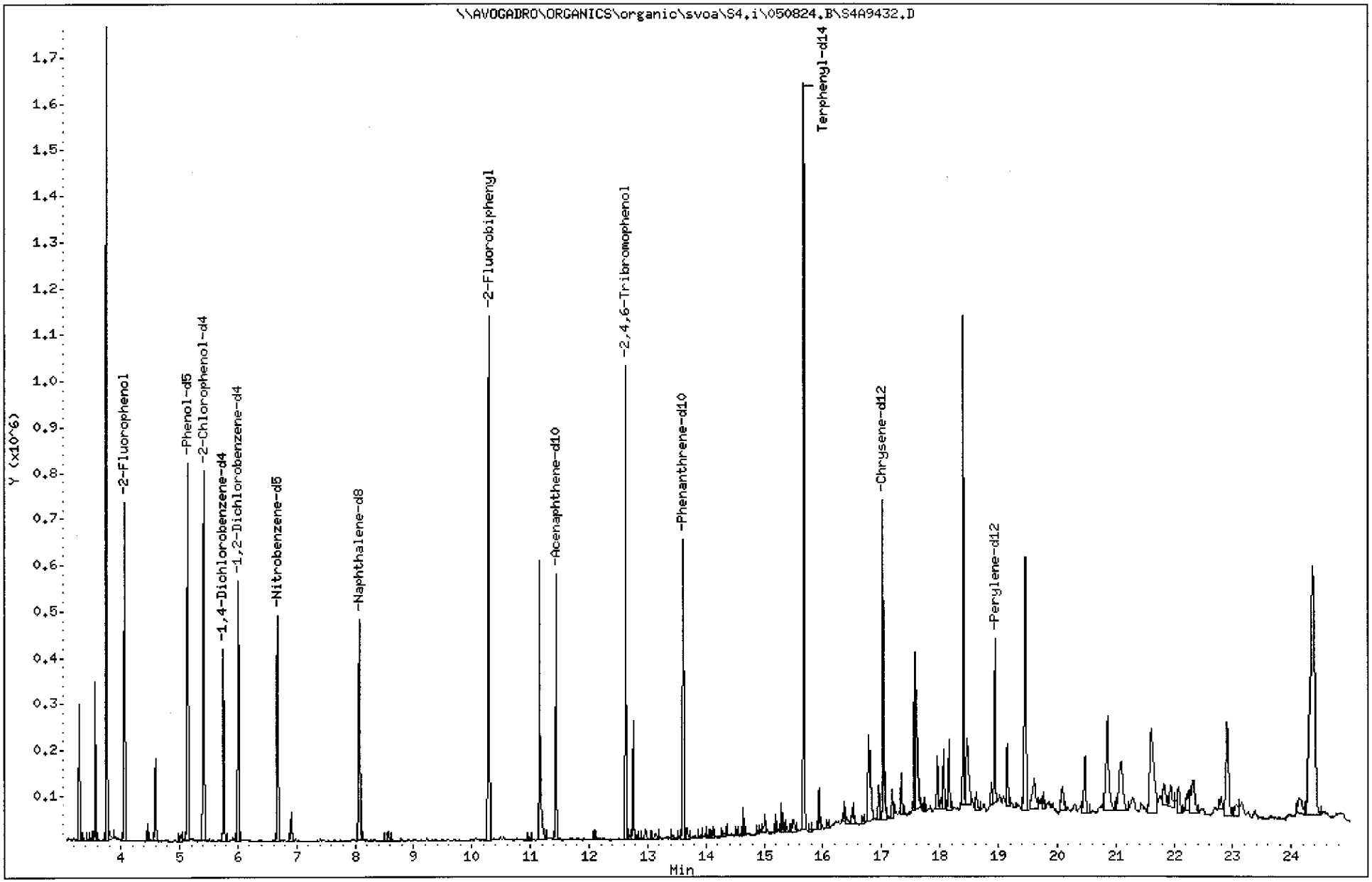
GPC Cleanup: (Y/N) Y pH: 5.8 Extraction: (Type) SONC

Number TICs found: 27

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	78-40-0	TRIETHYL PHOSPHATE	6.90	120	NJ
2.	1599-67-3	1-DOCOSENE	16.79	390	NJ
3.	638-66-4	OCTADECANAL	17.34	88	NJ
4.	1599-67-3	1-DOCOSENE	17.60	580	NJ
5.		UNKNOWN	17.96	140	J
6.		UNKNOWN	18.02	79	J
7.	7683-64-9	SQUALENE	18.06	260	NJ
8.	1000144-57-9	16-HEPTADECENAL	18.16	270	NJ
9.	7390-81-0	OXIRANE, HEXADECYL-	18.62	98	NJ
10.		UNKNOWN	18.89	100	J
11.	1000155-85-0	BICYCLO[10.8.0]EICOSANE, (E)	19.16	340	NJ
12.		UNKNOWN	19.61	370	J
13.	638-66-4	OCTADECANAL	19.77	93	NJ
14.		UNKNOWN	20.09	180	J
15.	14811-95-1	1,19-EICOSADIENE	20.48	430	NJ
16.		UNKNOWN	21.09	700	J
17.	83-46-5	.BETA.-SITOSTEROL	21.60	1300	NJ
18.		UNKNOWN	21.83	190	J
19.		UNKNOWN	21.94	210	J
20.		UNKNOWN	22.08	250	J
21.		UNKNOWN	22.23	180	J
22.		UNKNOWN	22.33	460	J
23.	288246-53-7	PYRIDINE-3-CARBOXAMIDE, OXIM	22.80	93	NJ
24.	58-22-0	TESTOSTERONE	22.91	980	NJ
25.		UNKNOWN	23.07	160	J
26.		UNKNOWN	24.14	220	J
27.		UNKNOWN	24.38	4000	JB
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9432.D
Date : 24-AUG-2005 18:23
Client ID: SS10-S-D
Instrument: S4.i
Sample Info: D0926-20A,,19468,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9432.D
Report Date: 31-Aug-2005 11:38

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9432.D
Lab Smp Id: D0926-20A Client Smp ID: SS10-S-D
Inj Date : 24-AUG-2005 18:23
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-20A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D ✓
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	12.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	4.058	4.048	(0.705)	189257	94.1290	1800
$ 3	Phenol-d5	99	5.135	5.135	(0.892)	307327	106.973	2000
$ 6	2-Chlorophenol-d4	132	5.414	5.414	(0.941)	246638	101.770	1900
* 8	1,4-Dichlorobenzene-d4	152	5.755	5.755	(1.000)	72298	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	6.004	6.004	(1.043)	97900	58.3663	1100
$ 16	Nitrobenzene-d5	82	6.677	6.677	(0.827)	228740	65.6070	1200
* 23	Naphthalene-d8	136	8.074	8.074	(1.000)	303782	40.0000	
$ 33	2-Fluorobiphenyl	172	10.289	10.289	(0.900)	459332	79.9516	1500
* 41	Acenaphthene-d10	164	11.438	11.438	(1.000)	167215	40.0000	
$ 53	2,4,6-Tribromophenol	330	12.638	12.628	(0.929)	110007	146.837	2800
* 58	Phenanthrene-d10	188	13.611	13.611	(1.000)	285097	40.0000	
$ 65	Terphenyl-d14	244	15.671	15.671	(0.920)	581270	98.6568	1900
* 69	Chrysene-d12	240	17.027	17.027	(1.000)	234429	40.0000	

Data File: S4A9432.D
Report Date: 31-Aug-2005 11:38

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
71 bis(2-Ethylhexyl)phthalate	149	16.954	16.954	(0.996)	21140	3.49829	66(a)
* 76 Perylene-d12	264	18.942	18.942	(1.000)	176547	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

8/31/05
AW

Data File: S4A9432.D
Report Date: 31-Aug-2005 11:38

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9432.D
Lab Smp Id: D0926-20A Client Smp ID: SS10-S-D
Inj Date : 24-AUG-2005 18:23
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-20A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	12.000	% Moisture

	ISTD	RT	AREA	AMOUNT
*	8 1,4-Dichlorobenzene-d4	5.756	549265	40.000
*	41 Acenaphthene-d10	11.438	800022	40.000
*	58 Phenanthrene-d10	13.611	879045	40.000
*	69 Chrysene-d12	17.027	907419	40.000
*	76 Perylene-d12	18.942	545702	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9432.D
Report Date: 31-Aug-2005 11:38

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Triethyl phosphate					CAS #: 78-40-0		
6.904	84361	6.14355548	120	98	NIST98.L	44293	8
Cyclic Alkane					CAS #:		
11.158	894376	44.7175703	850	0		0	41
Cyclic Alkane					CAS #:		
12.763	275700	12.5454328	240	0		0	58
Straight-Chain Alkane					CAS #:		
15.940	140501	6.19343435	120	0		0	69
1-Docosene					CAS #: 1599-67-3		
16.789	466202	20.5506828	390	92	NIST98.L	121980	69
Octadecanal					CAS #: 638-66-4		
17.337	105134	4.63441916	88	90	NIST98.L	99445	69
Straight-Chain Alkane					CAS #:		
17.565	379065	16.7095906	320	0		0	69
1-Docosene					CAS #: 1599-67-3		
17.596	698490	30.7901862	580	96	NIST98.L	121981	69
Unknown					CAS #:		
17.958	161901	7.13676923	140	0		0	69
Unknown					CAS #:		
18.021	57138	4.18821994	79	0		0	76
Squalene					CAS #: 7683-64-9		
18.062	184679	13.5369854	260	95	NIST98.L	158504	76
16-Heptadecenal					CAS #: 1000144-57-9		
18.155	195544	14.3333908	270	98	NIST98.L	89755	76
Straight-Chain Alkane					CAS #:		
18.404	1366501	100.164632	1900	0		0	76
Cyclic Alkane					CAS #:		
18.466	467391	34.2597975	650	0		0	76
Oxirane, hexadecyl-					CAS #: 7390-81-0		
18.621	70838	5.19243103	98	87	NIST98.L	99461	76

Data File: S4A9432.D
Report Date: 31-Aug-2005 11:38

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
18.890	73580	5.39341985	100	0		0	76
Bicyclo[10.8.0]eicosane, (E)-				CAS #:	1000155-85-0		
19.159	245923	18.0261755	340	91	NIST98.L	105309	76
Straight-Chain Alkane				CAS #:			
19.449	1078249	79.0357375	1500	0		0	76
Unknown				CAS #:			
19.615	262935	19.2731564	370	0		0	76
Octadecanal				CAS #:	638-66-4		
19.770	67072	4.91638293	93	89	NIST98.L	99445	76
Unknown				CAS #:			
20.091	133238	9.76635600	180	0		0	76
1,19-Eicosadiene				CAS #:	14811-95-1		
20.484	306204	22.4447776	430	94	NIST98.L	105306	76
Branched Alkane				CAS #:			
20.857	698033	51.1658744	970	0		0	76
Unknown				CAS #:			
21.095	501283	36.7440838	700	0		0	76
.beta.-Sitosterol				CAS #:	83-46-5		
21.602	952165	69.7937702	1300	98	NIST98.L	159283	76
Unknown				CAS #:			
21.829	135500	9.93216078	190	0		0	76
Unknown				CAS #:			
21.943	153260	11.2339702	210	0		0	76
Unknown				CAS #:			
22.078	182126	13.3498503	250	0		0	76
Unknown				CAS #:			
22.233	130830	9.58984940	180	0		0	76
Unknown				CAS #:			
22.326	330837	24.2503784	460	0		0	76

Data File: S4A9432.D
Report Date: 31-Aug-2005 11:38

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Pyridine-3-carboxamide, oxime, N-(2-trif				CAS #: 288246-53-7			
22.802	67251	4.92950365	93	93	NIST98.L	106566	76
Testosterone				CAS #: 58-22-0			
22.906	706413	51.7801291	980	90	NIST98.L	111022	76
Unknown				CAS #:			
23.071	116317	8.52604535	160	0		0	76
Unknown				CAS #:			
24.138	160042	11.7310913	220	0		0	76
Unknown				CAS #:			
24.376	2885783	211.528123	4000	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9432.D

Date : 24-AUG-2005 18:23

Client ID: SS10-S-D

Instrument: S4.i

Sample Info: D0926-20A,,19468,,

Volume Injected (uL): 2.0

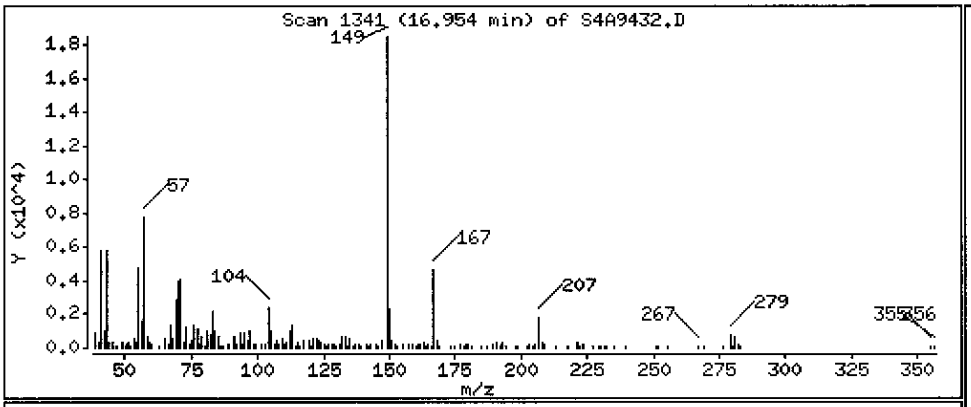
Operator: AW SRC: LIMS

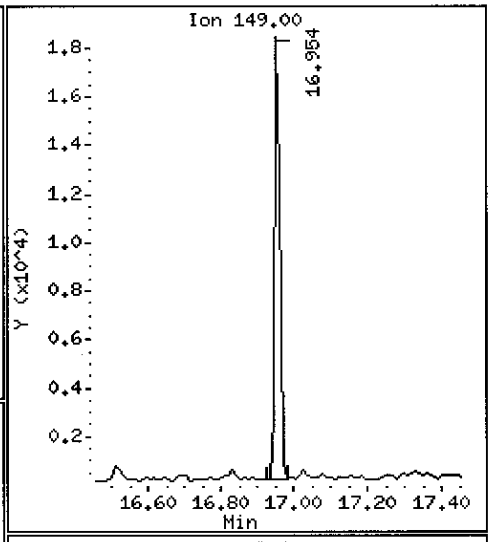
Column phase: DB-5MS

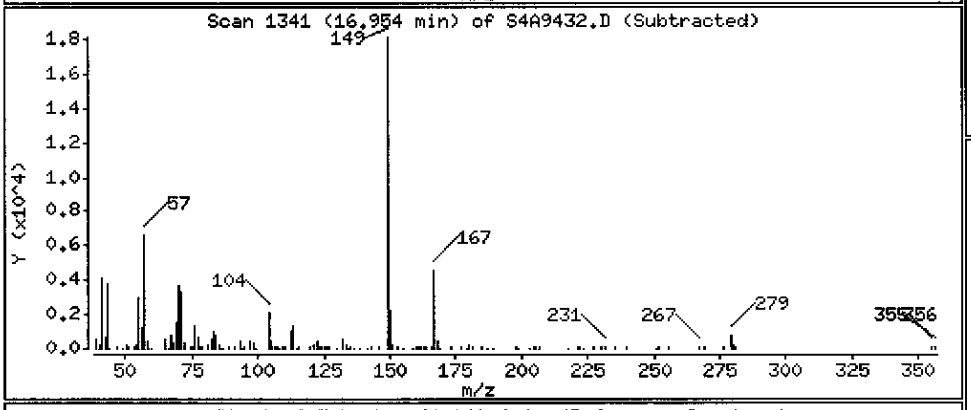
Column diameter: 0.25

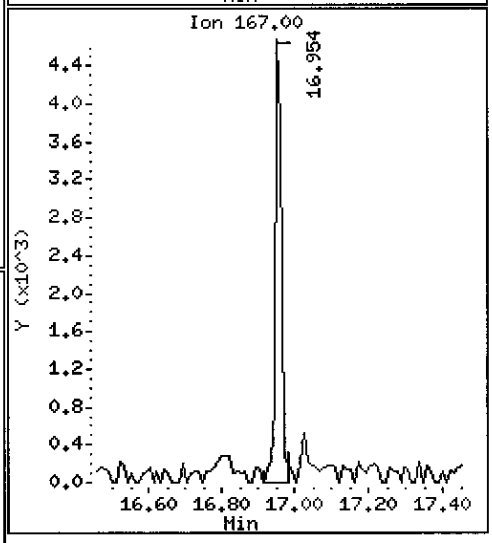
71 bis(2-Ethylhexyl)phthalate

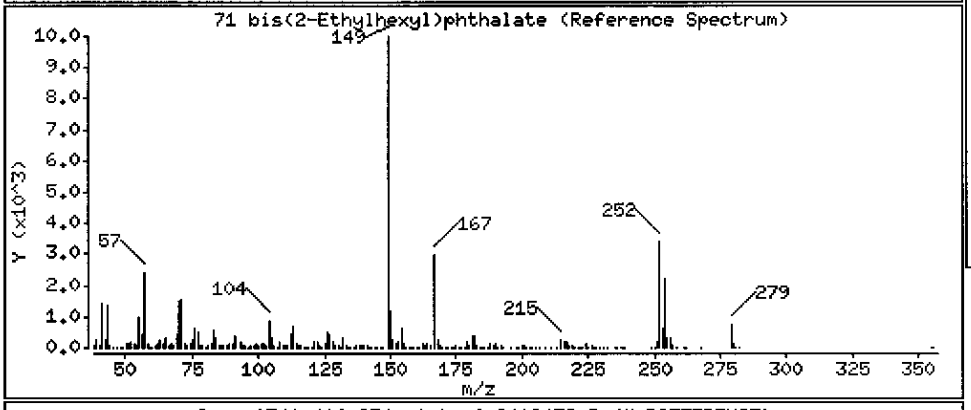
Concentration: 66 ug/Kg

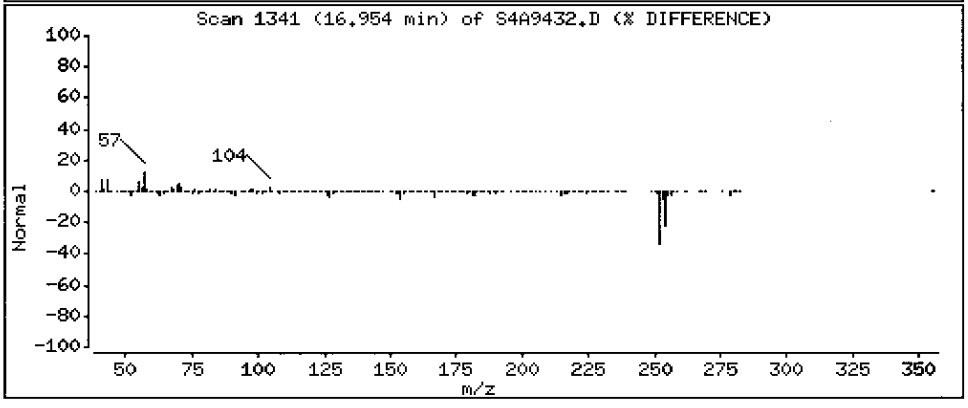












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Date : 24-AUG-2005 18:23

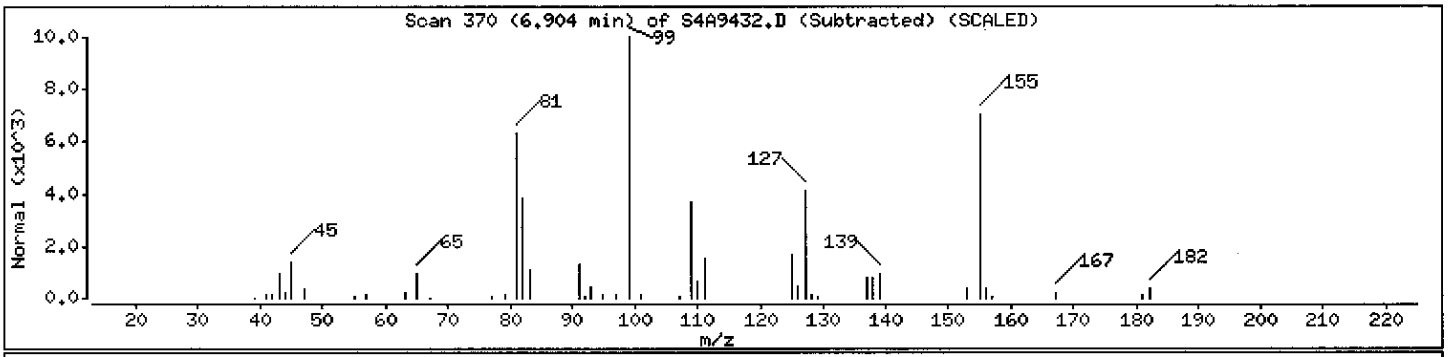
Client ID: SS10-S-D Instrument: S4.i

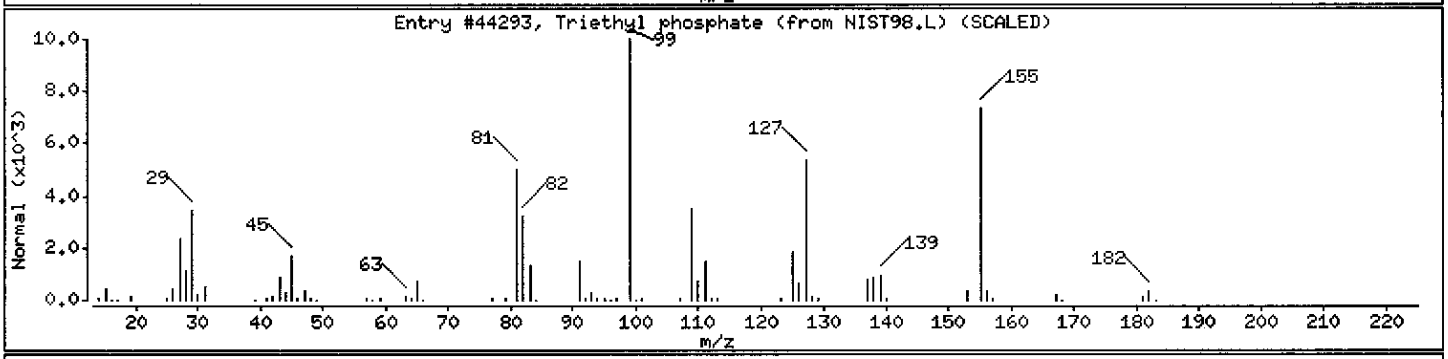
Sample Info: D0926-20A,,19468,,

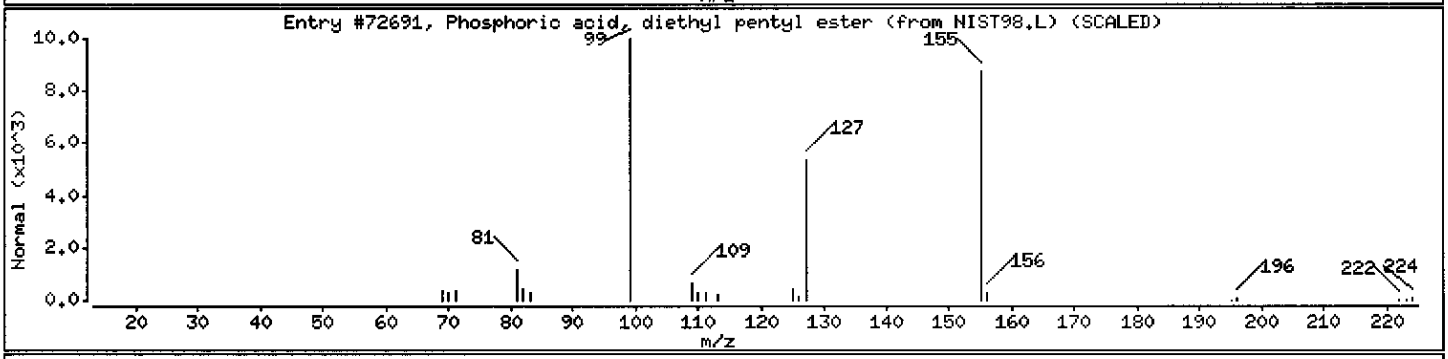
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Triethyl phosphate	78-40-0	NIST98.L	44293	98	C6H15O4P	182
Phosphoric acid, diethyl pentyl ester	20195-08-8	NIST98.L	72691	45	C9H21O4P	224







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Date : 24-AUG-2005 18:23

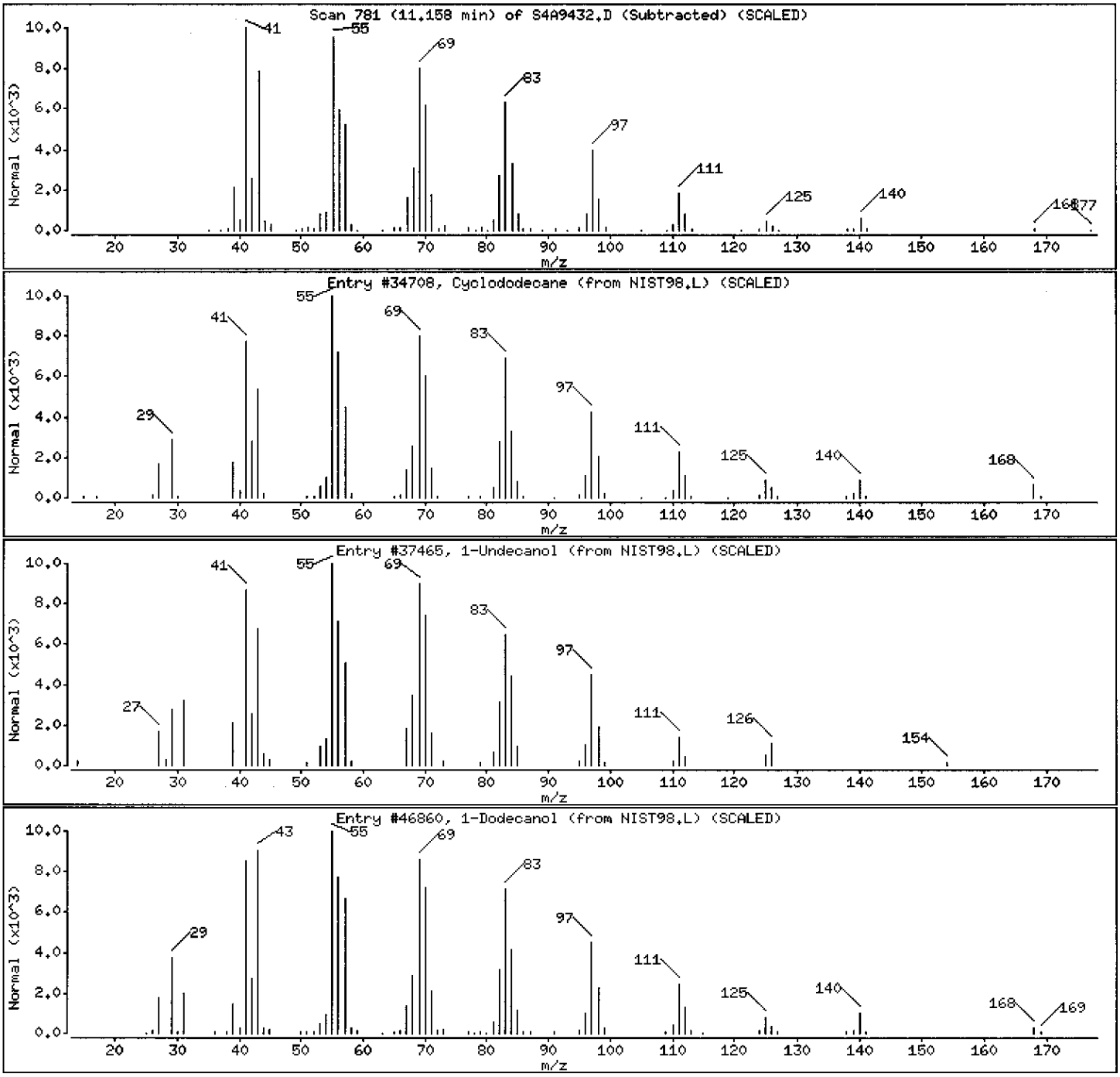
Client ID: SS10-S-D Instrument: S4.i

Sample Info: D0926-20A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34708	91	C12H24	168
1-Undecanol	112-42-5	NIST98.L	37465	91	C11H240	172
1-Dodecanol	112-53-8	NIST98.L	46860	91	C12H260	186



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Date : 24-AUG-2005 18:23

Client ID: SS10-S-D

Instrument: S4.i

Sample Info: D0926-20A,,19468,,

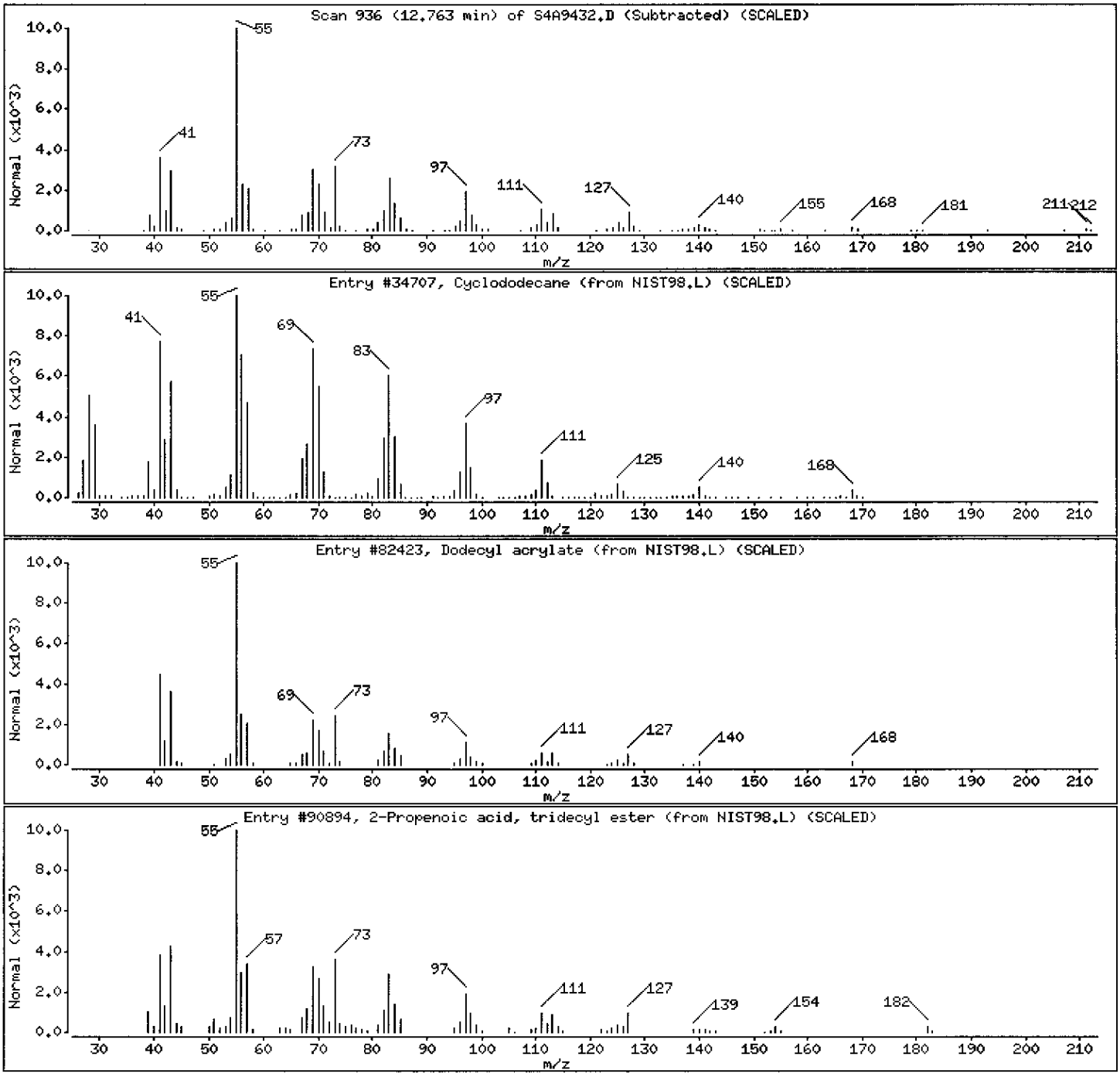
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34707	91	C12H24	168
Dodecyl acrylate	2156-97-0	NIST98.L	82423	91	C15H28O2	240
2-Propenoic acid, tridecyl ester	3076-04-8	NIST98.L	90894	83	C16H30O2	254



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Date : 24-AUG-2005 18:23

Client ID: SS10-S-D

Instrument: S4.i

Sample Info: D0926-20A,,19468,,

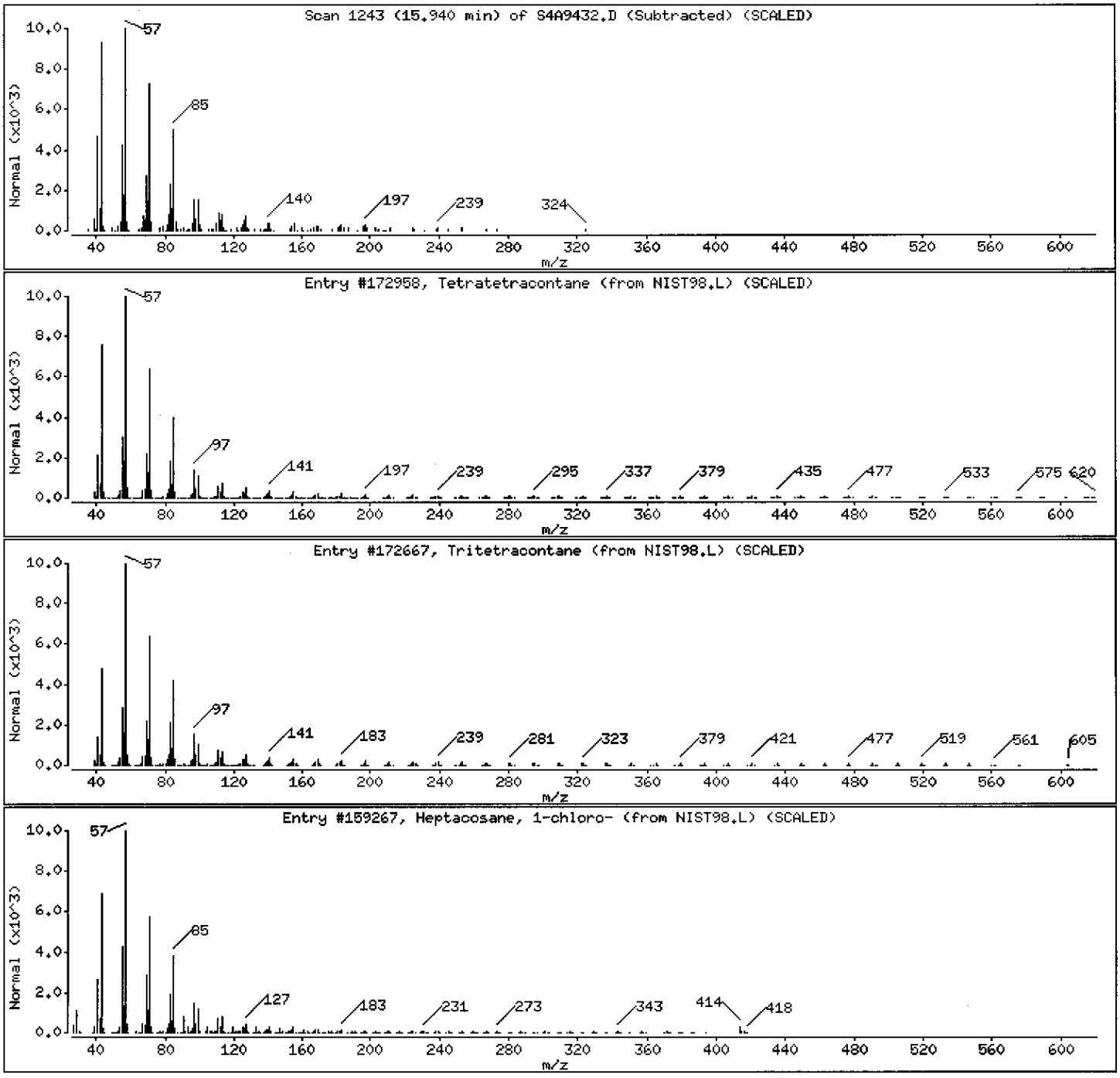
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Tetratetracontane	7098-22-8	NIST98.L	172958	91	C44H90	619
Tritetracontane	7098-21-7	NIST98.L	172667	91	C43H88	605
Heptacosane, 1-chloro-	62016-79-9	NIST98.L	159267	91	C27H55Cl	414



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Date : 24-AUG-2005 18:23

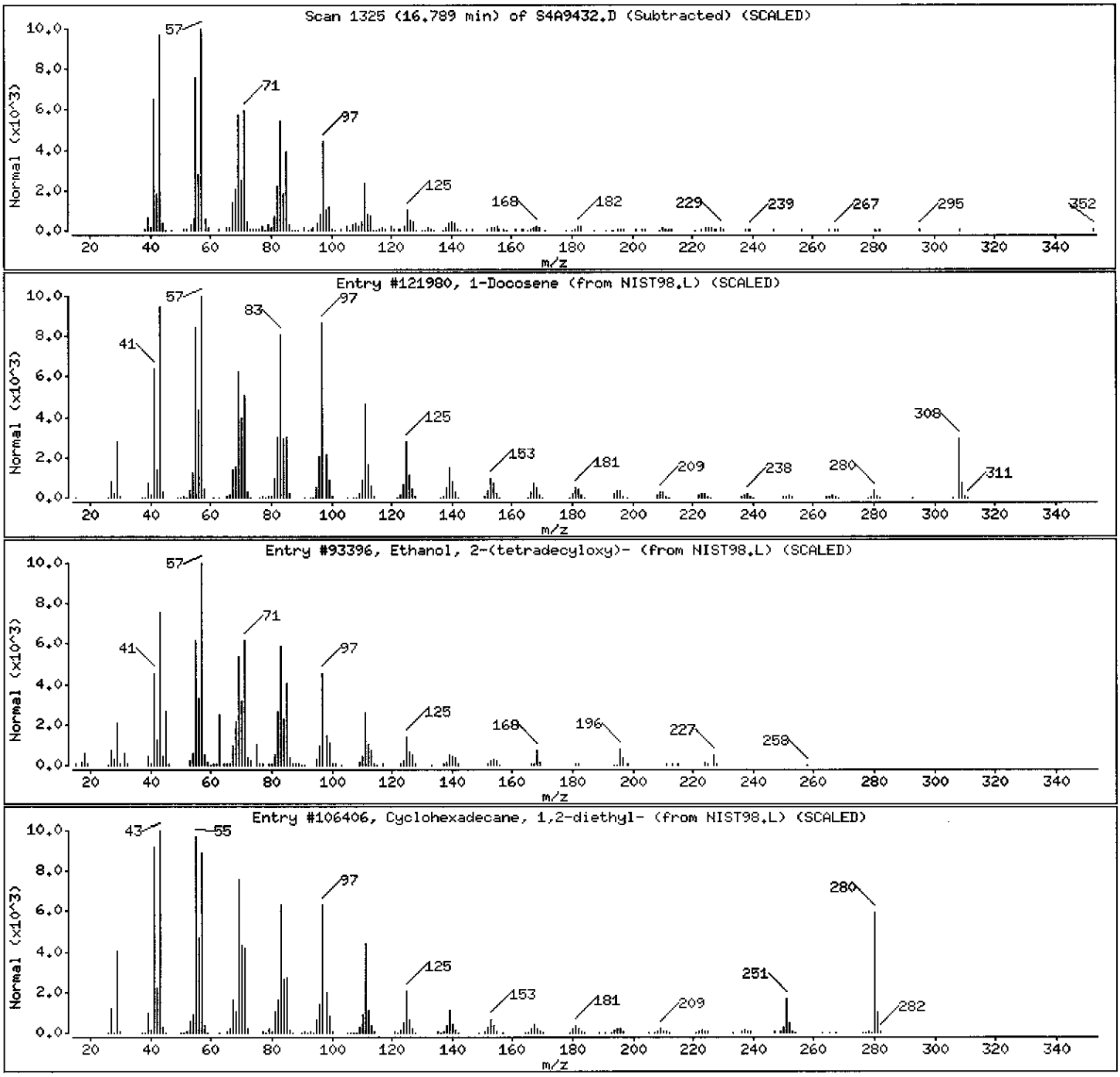
Client ID: SS10-S-D Instrument: S4.i

Sample Info: D0926-20A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Docosene	1599-67-3	NIST98.L	121980	92	C22H44	308
Ethanol, 2-(tetradecyloxy)-	2136-70-1	NIST98.L	93396	91	C16H3402	258
Cyclohexadecane, 1,2-diethyl-	1000155-85-3	NIST98.L	106406	89	C20H40	280



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Date : 24-AUG-2005 18:23

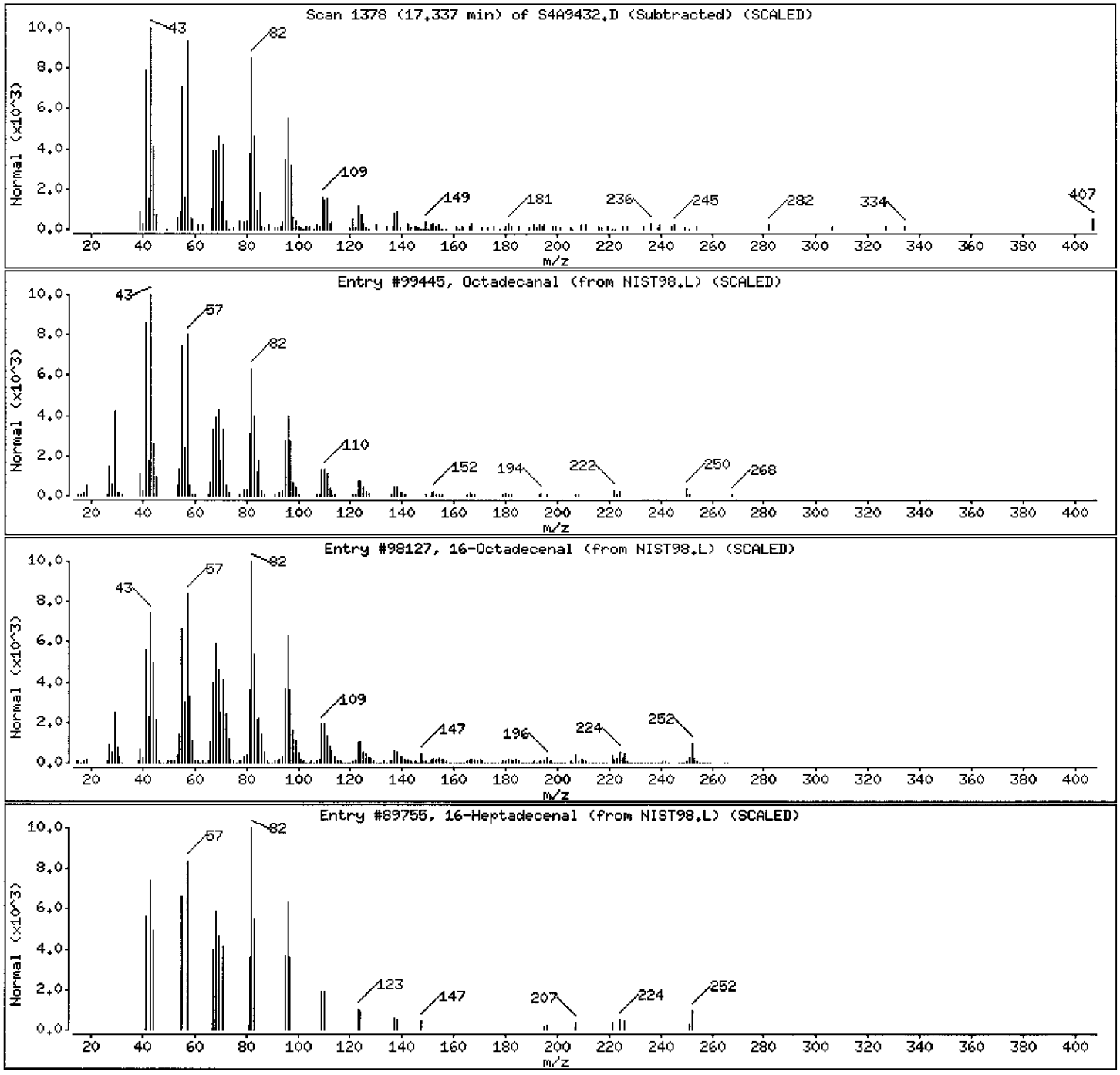
Client ID: SS10-S-D Instrument: S4.i

Sample Info: D0926-20A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octadecanal	638-66-4	NIST98.L	99445	90	C18H360	268
16-Octadecenal	56554-87-1	NIST98.L	98127	87	C18H340	266
16-Heptadecenal	1000144-57-9	NIST98.L	89755	87	C17H320	252



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Date : 24-AUG-2005 18:23

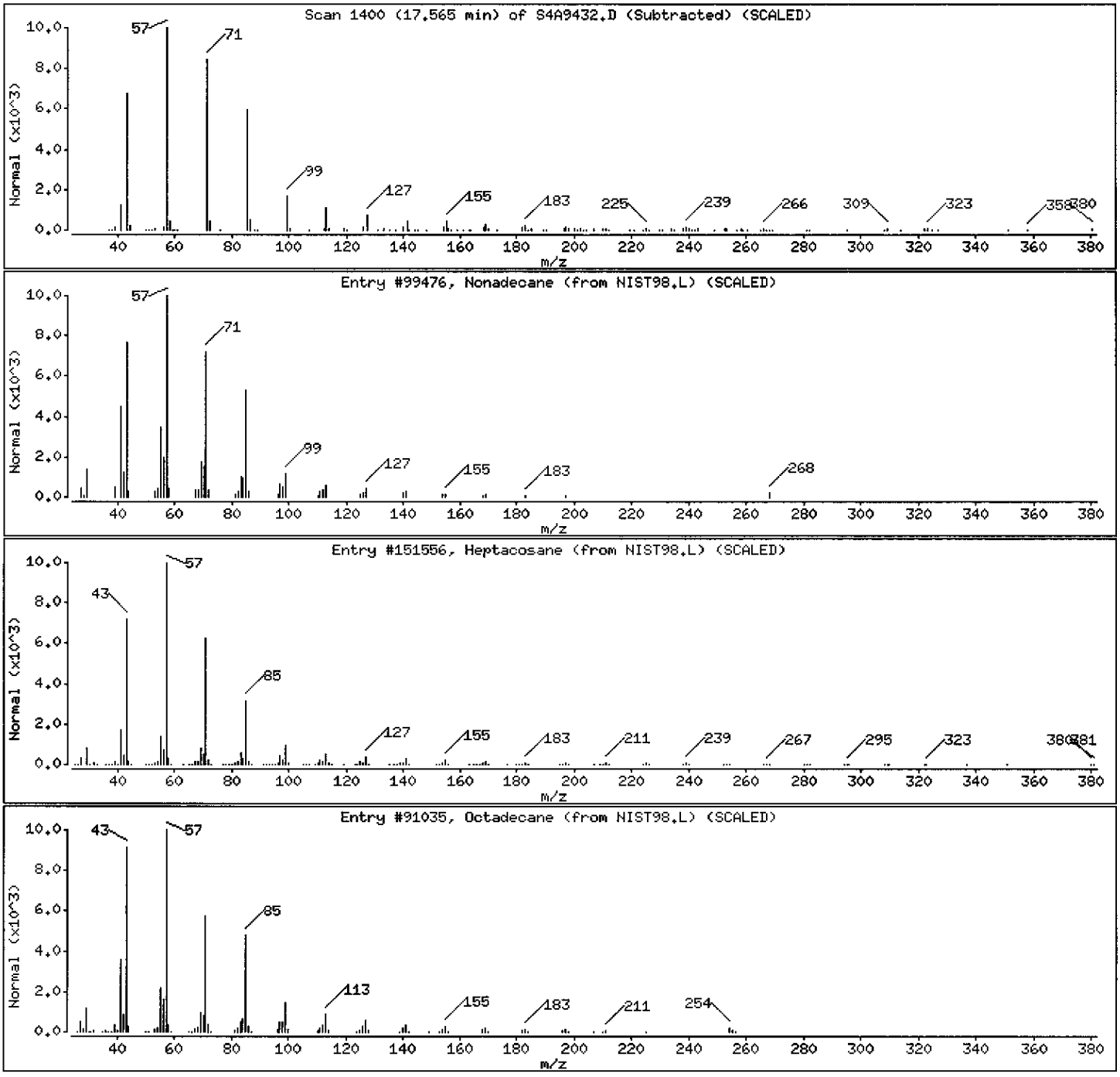
Client ID: SS10-S-D Instrument: S4.i

Sample Info: D0926-20A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Nonadecane	629-92-5	NIST98.L	99476	90	C19H40	268
Heptacosane	593-49-7	NIST98.L	151556	87	C27H56	380
Octadecane	593-45-3	NIST98.L	91035	87	C18H38	254



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Date : 24-AUG-2005 18:23

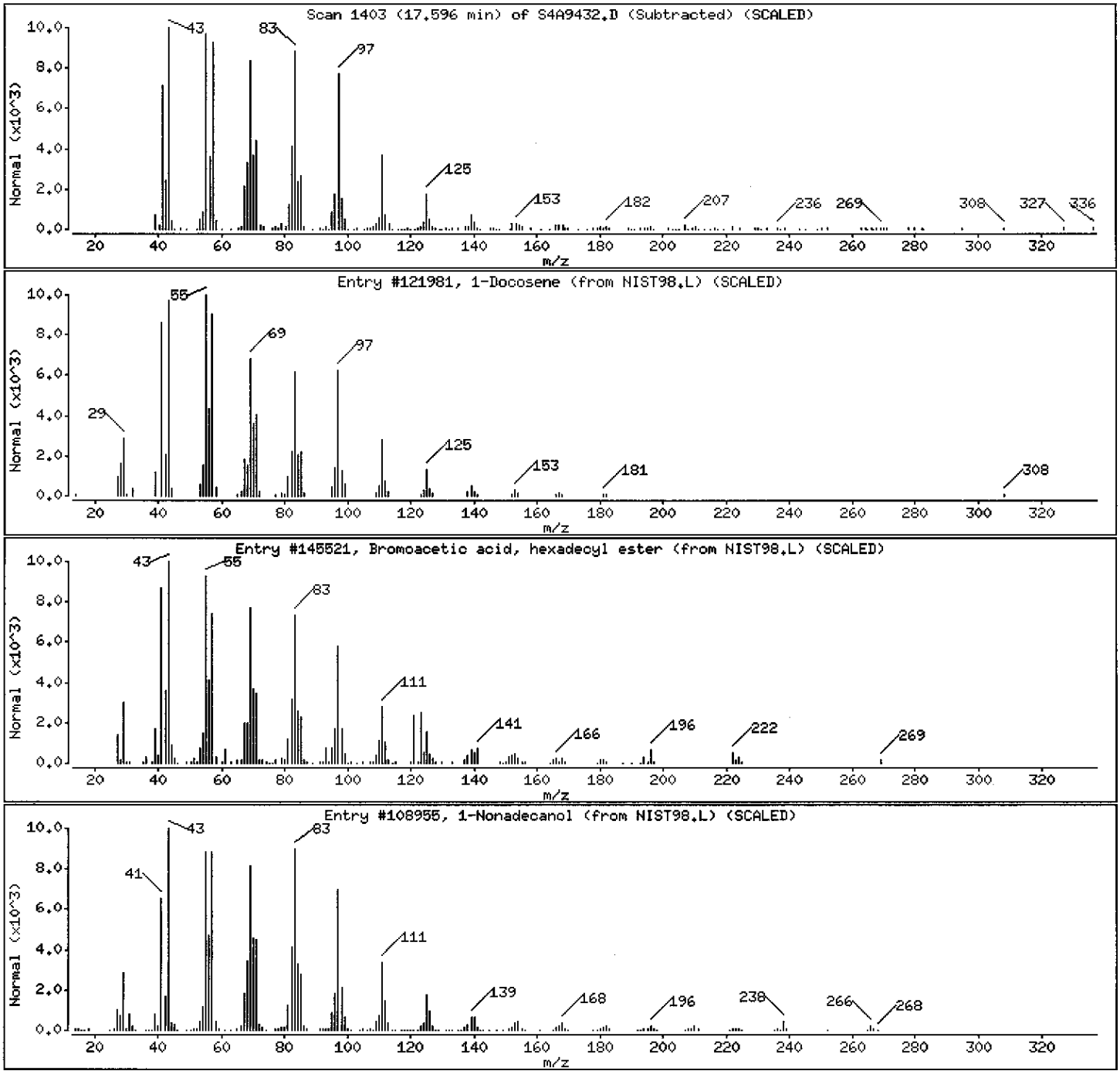
Client ID: SS10-S-D Instrument: S4.i

Sample Info: D0926-20A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Docosene	1599-67-3	NIST98.L	121981	96	C22H44	308
Bromoacetic acid, hexadecyl ester	5454-48-8	NIST98.L	145521	90	C18H35BrO2	362
1-Nonadecanol	1454-84-8	NIST98.L	108955	86	C19H40O	284



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Date : 24-AUG-2005 18:23

Client ID: SS10-S-D

Instrument: S4.i

Sample Info: D0926-20A,,19468,,

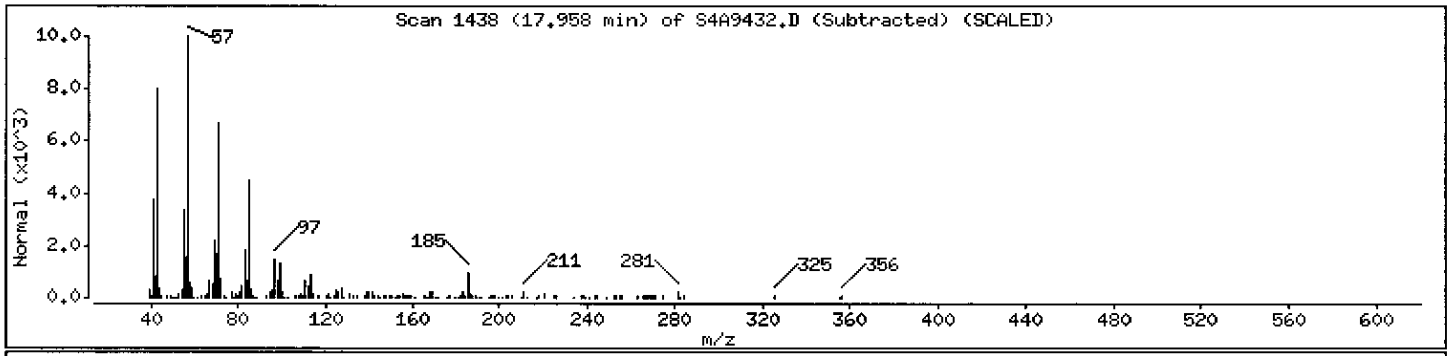
Volume Injected (uL): 2.0

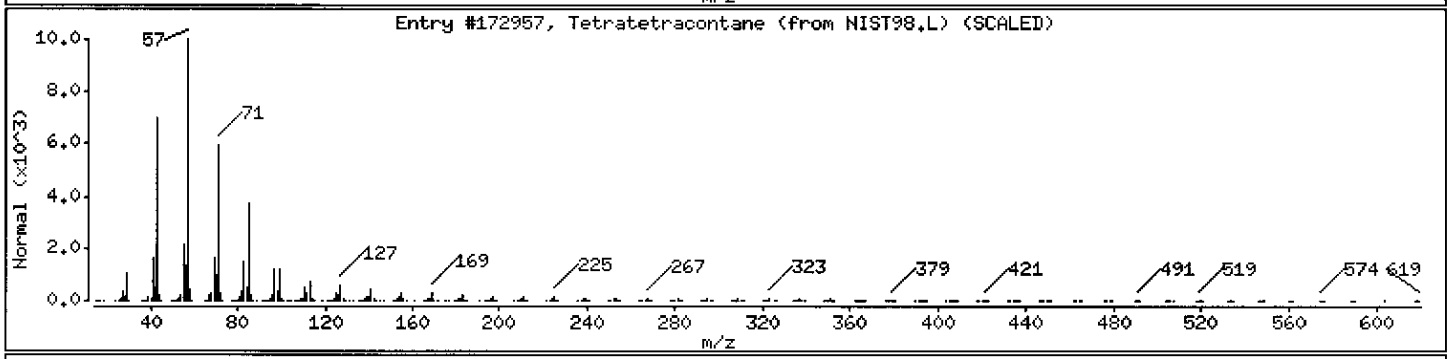
Operator: AW SRC: LIMS

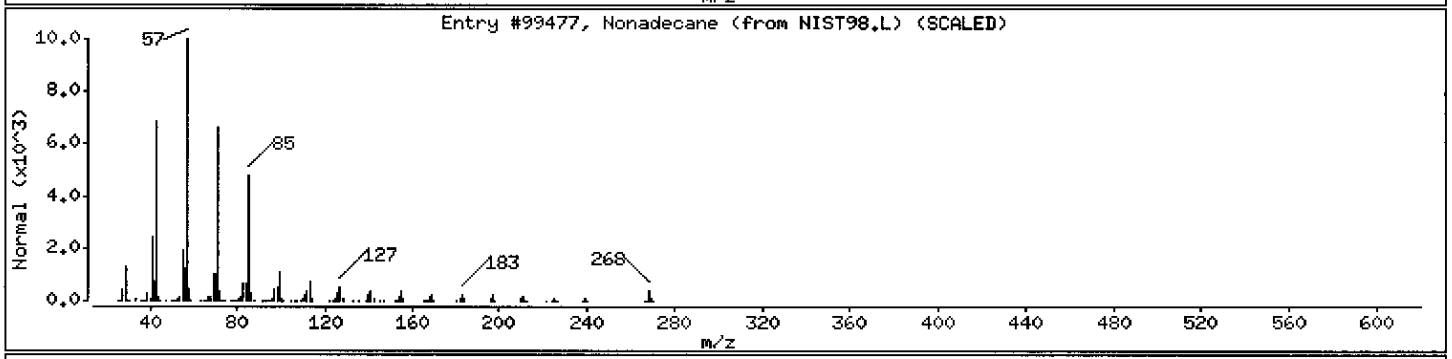
Column phase: DB-5MS

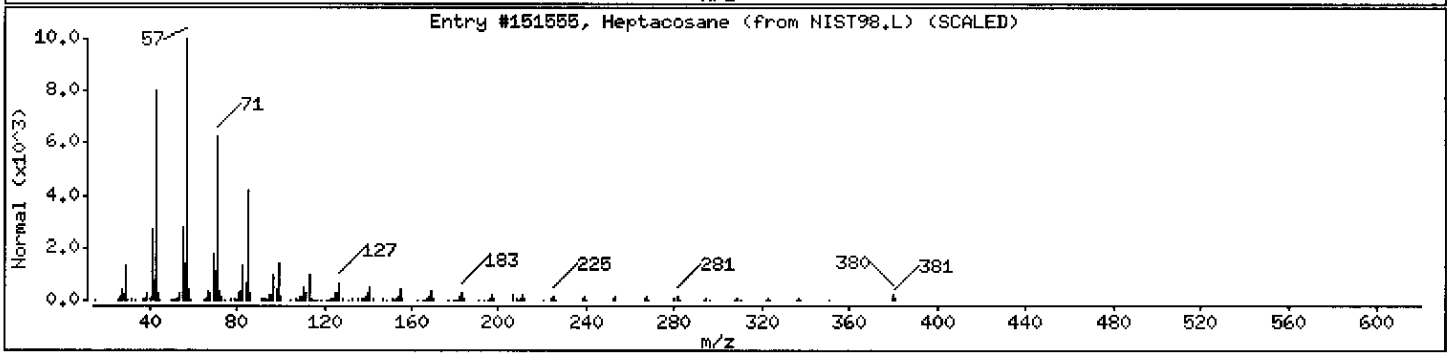
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Tetratetracontane	7098-22-8	NIST98.L	172957	83	C44H90	619
Nonadecane	629-92-5	NIST98.L	99477	81	C19H40	268
Heptacosane	593-49-7	NIST98.L	151555	80	C27H56	380









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Date : 24-AUG-2005 18:23

Client ID: SS10-S-D

Instrument: S4.i

Sample Info: D0926-20A,,19468,,

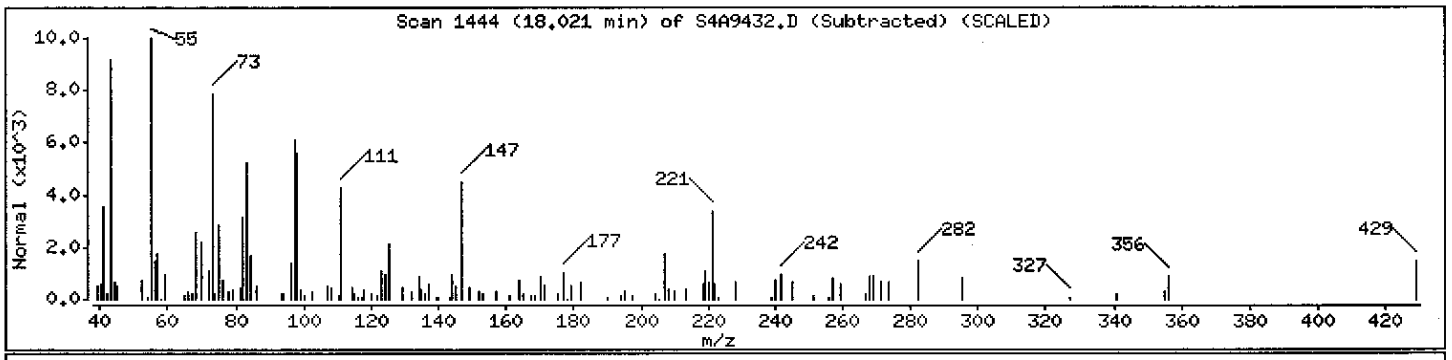
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 24-AUG-2005 18:23

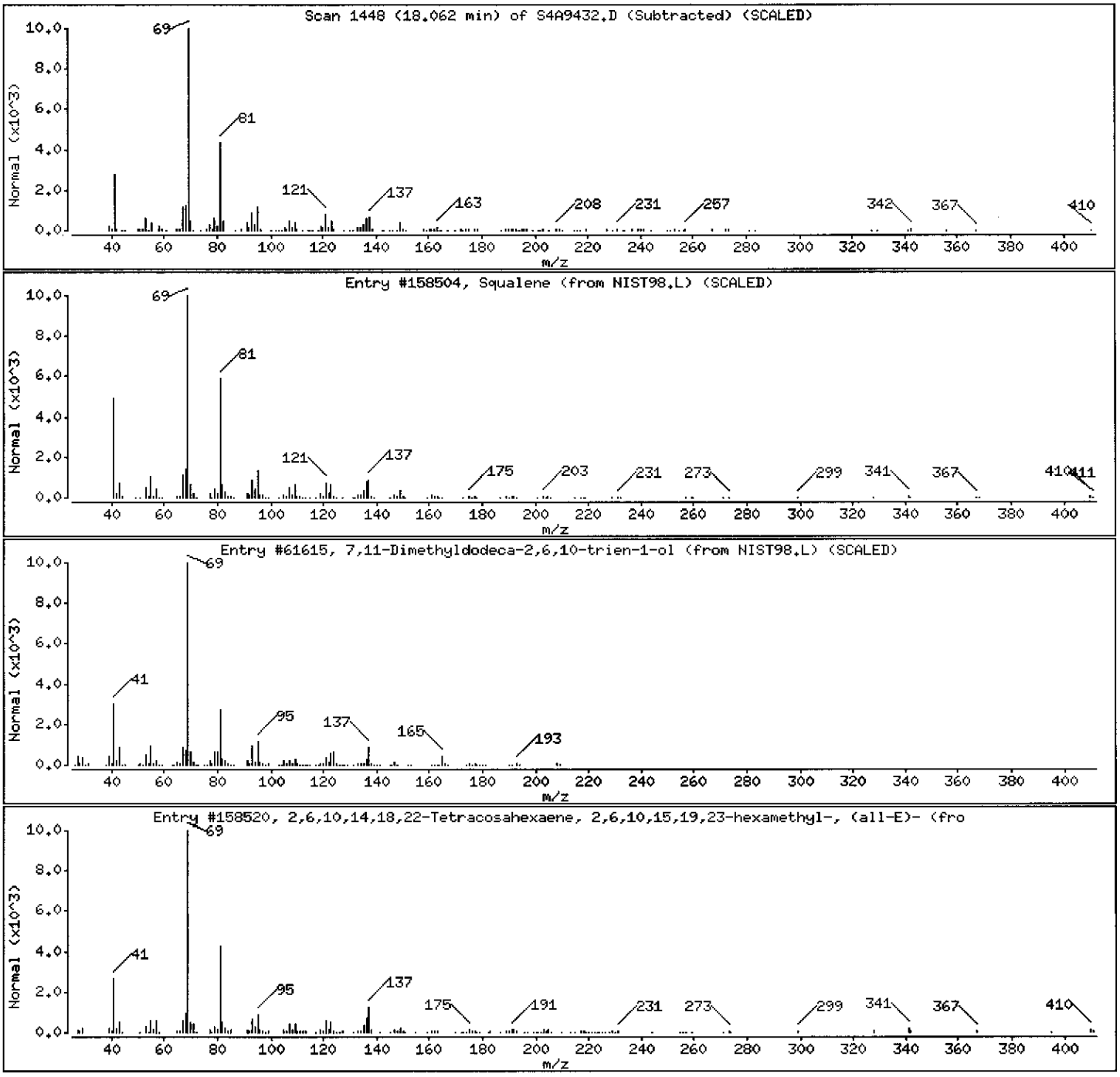
Client ID: SS10-S-D Instrument: S4.i

Sample Info: D0926-20A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Squalene	**7683-64-9**	NIST98.L	158504	**95**	C30H50	410
7,11-Dimethyldodeca-2,6,10-trien-1-ol	**125529-10-4**	NIST98.L	61615	80	C14H240	208
2,6,10,14,18,22-Tetracosahexaene, 2,6,10	111-02-4	NIST98.L	158520	78	C30H50	410



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Date : 24-AUG-2005 18:23

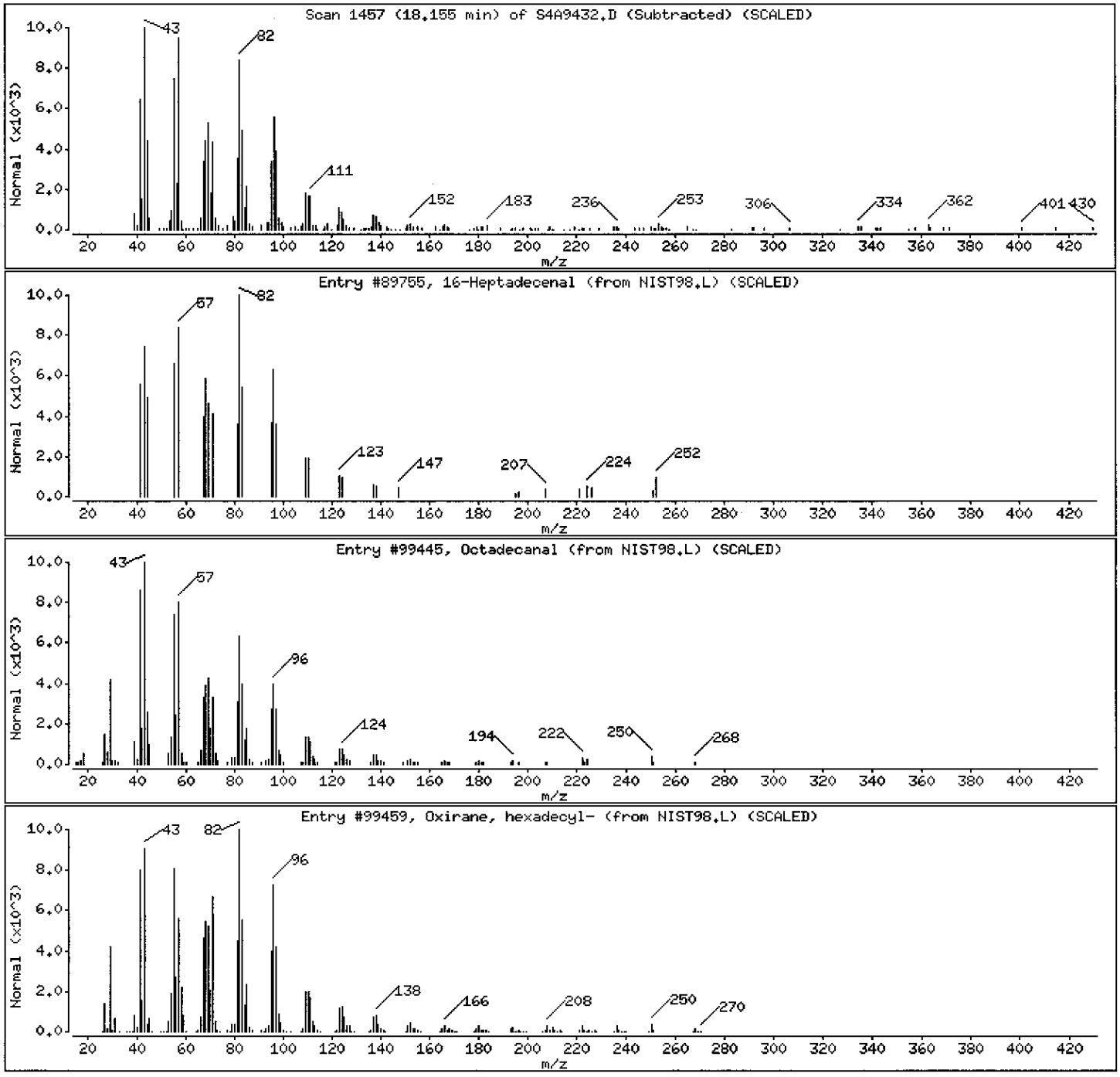
Client ID: SS10-S-D Instrument: S4.i

Sample Info: D0926-20A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
16-Heptadecenal	1000144-57-9	NIST98.L	89755	98	C17H320	252
Octadecanal	638-66-4	NIST98.L	99445	95	**C18H360**	**268**
Oxirane, hexadecyl-	7390-81-0	NIST98.L	99459	91	**C18H360**	**268**



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Date : 24-AUG-2005 18:23

Client ID: SS10-S-D

Instrument: S4.i

Sample Info: D0926-20A,,19468,,

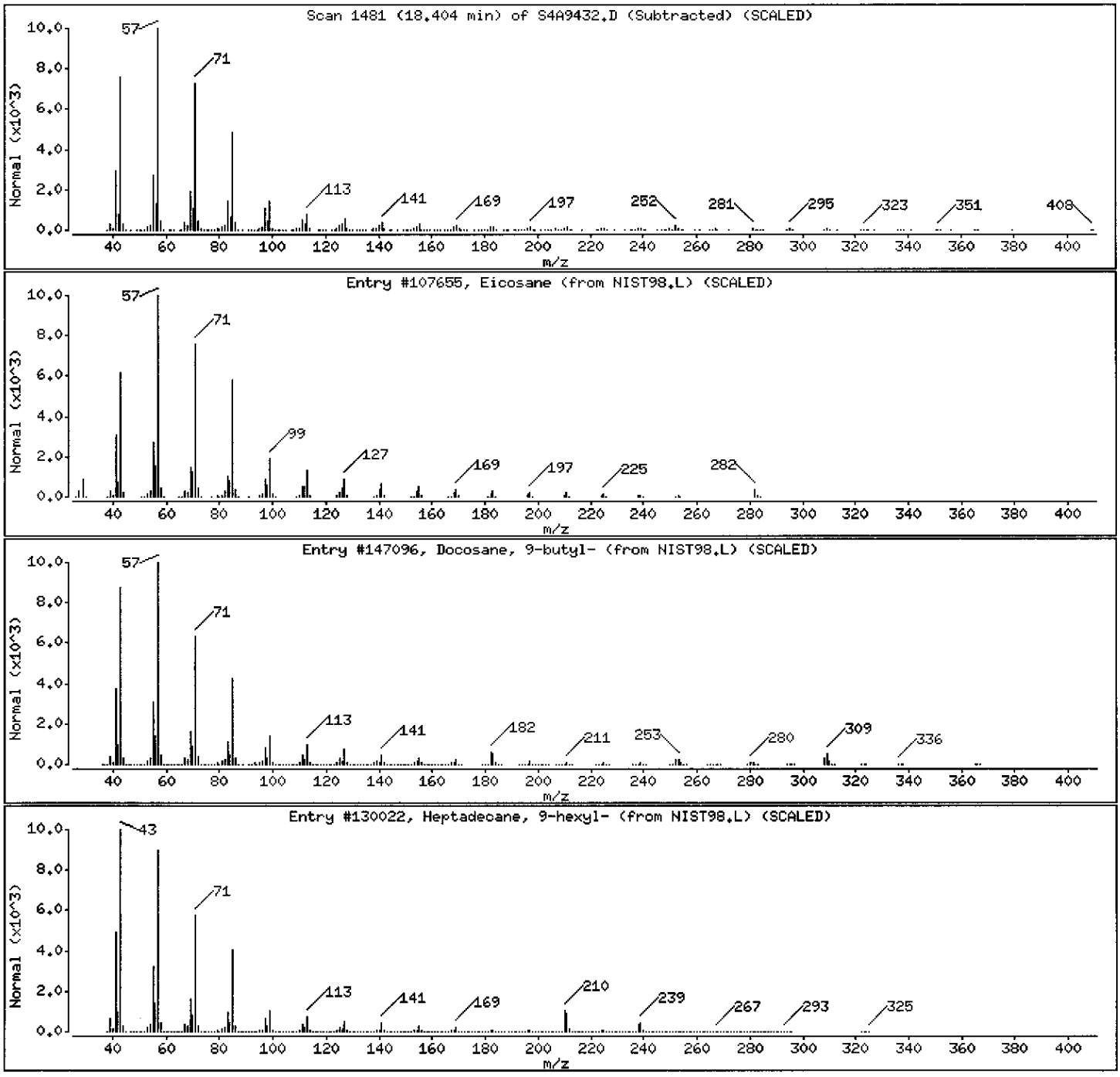
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Eicosane	112-95-8	NIST98.L	107655	96	C20H42	282
Docosane, 9-butyl-	55282-14-9	NIST98.L	147096	95	C26H54	366
Heptadecane, 9-hexyl-	55124-79-3	NIST98.L	130022	94	C23H48	324



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Date : 24-AUG-2005 18:23

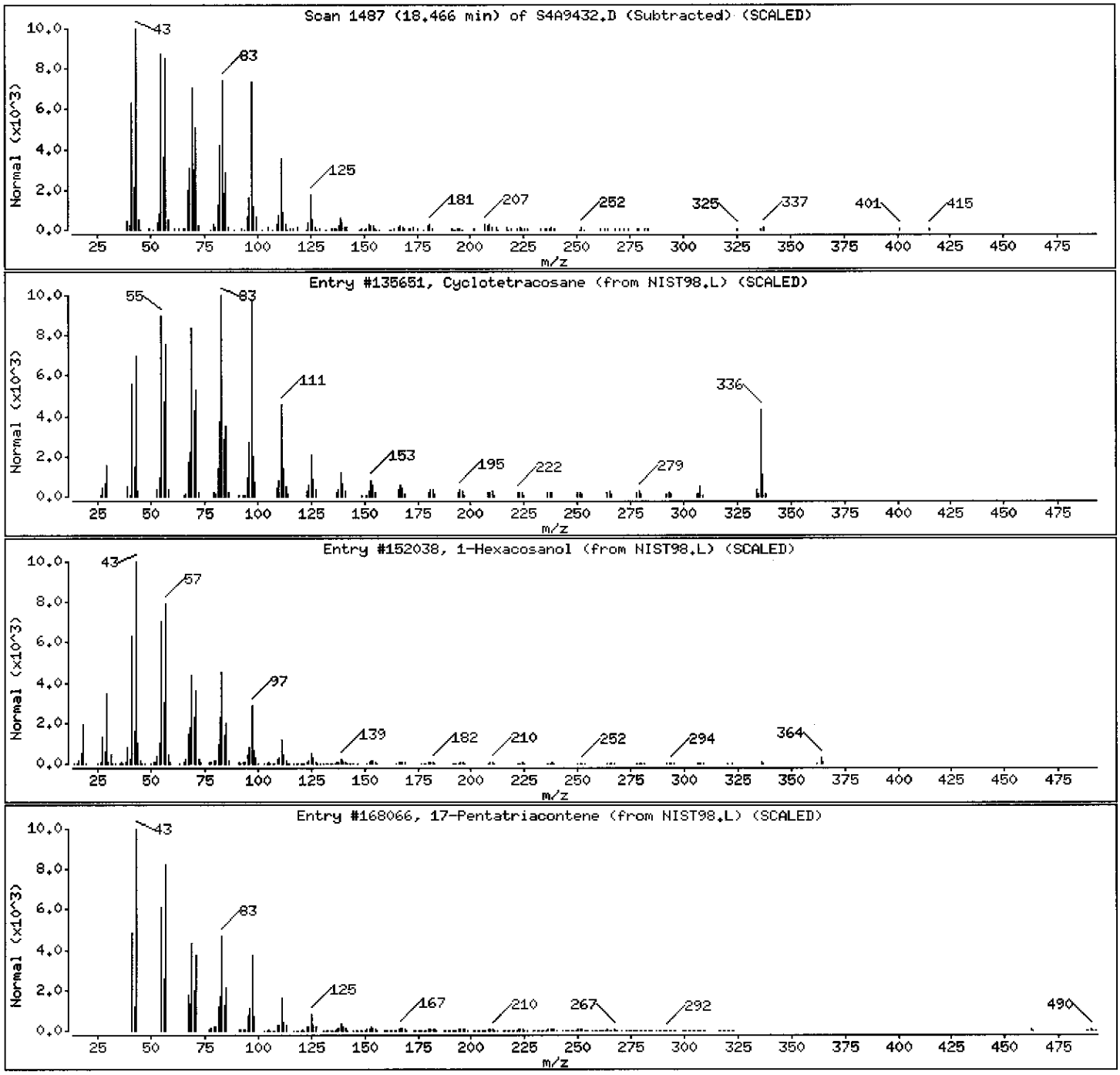
Client ID: SS10-S-D Instrument: S4.i

Sample Info: D0926-20A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclotetracosane	297-03-0	NIST98.L	135651	98	C24H48	336
1-Hexacosanol	506-52-5	NIST98.L	152038	87	C26H54O	382
17-Pentatriacontene	6971-40-0	NIST98.L	168066	86	C35H70	491



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Date : 24-AUG-2005 18:23

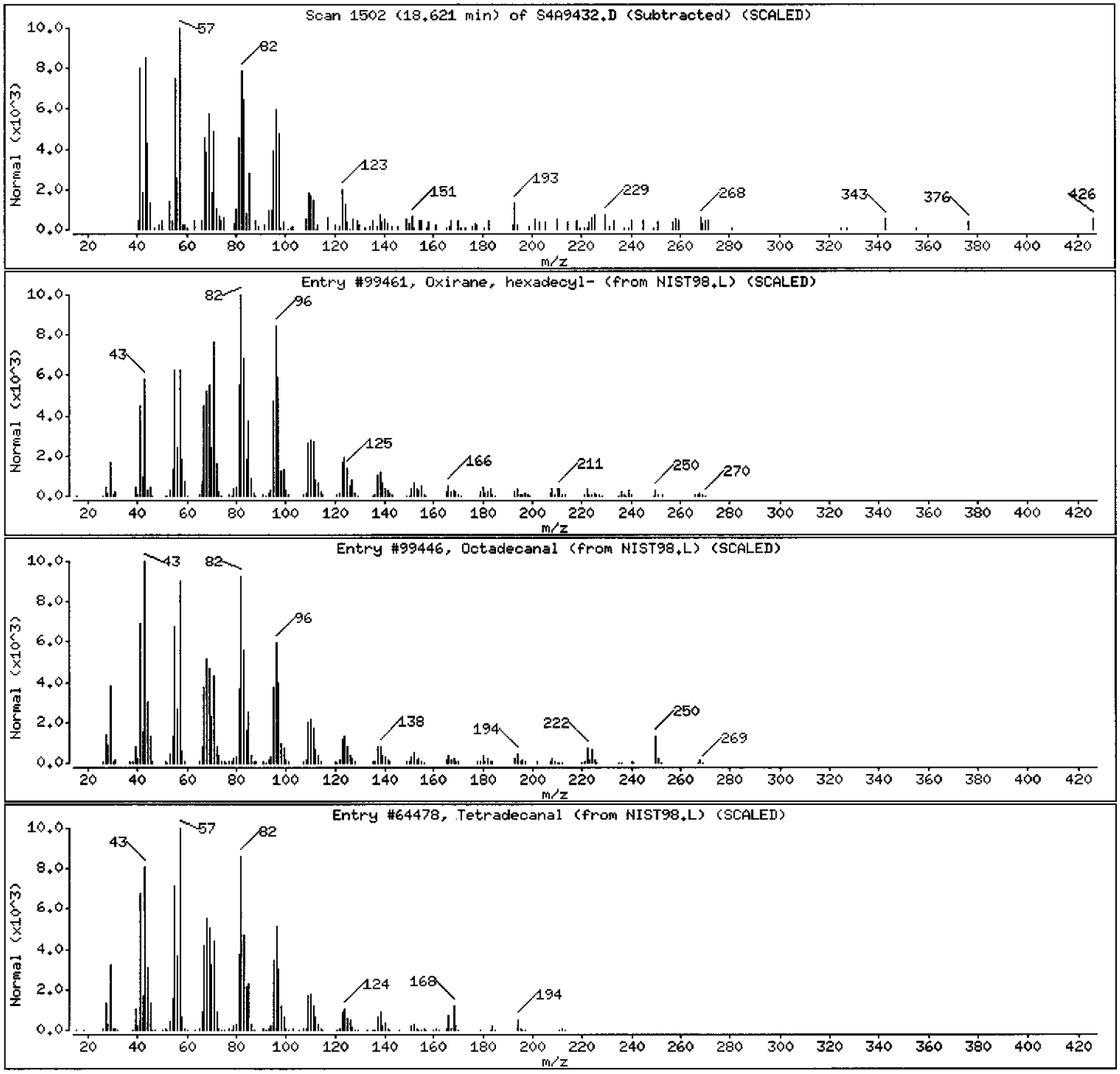
Client ID: SS10-S-D Instrument: S4.i

Sample Info: D0926-20A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Oxirane, hexadecyl-	7390-81-0	NIST98.L	99461	87	C18H36O	268
Octadecanal	638-66-4	NIST98.L	99446	86	C18H36O	268
Tetradecanal	124-25-4	NIST98.L	64478	83	C14H28O	212



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Date : 24-AUG-2005 18:23

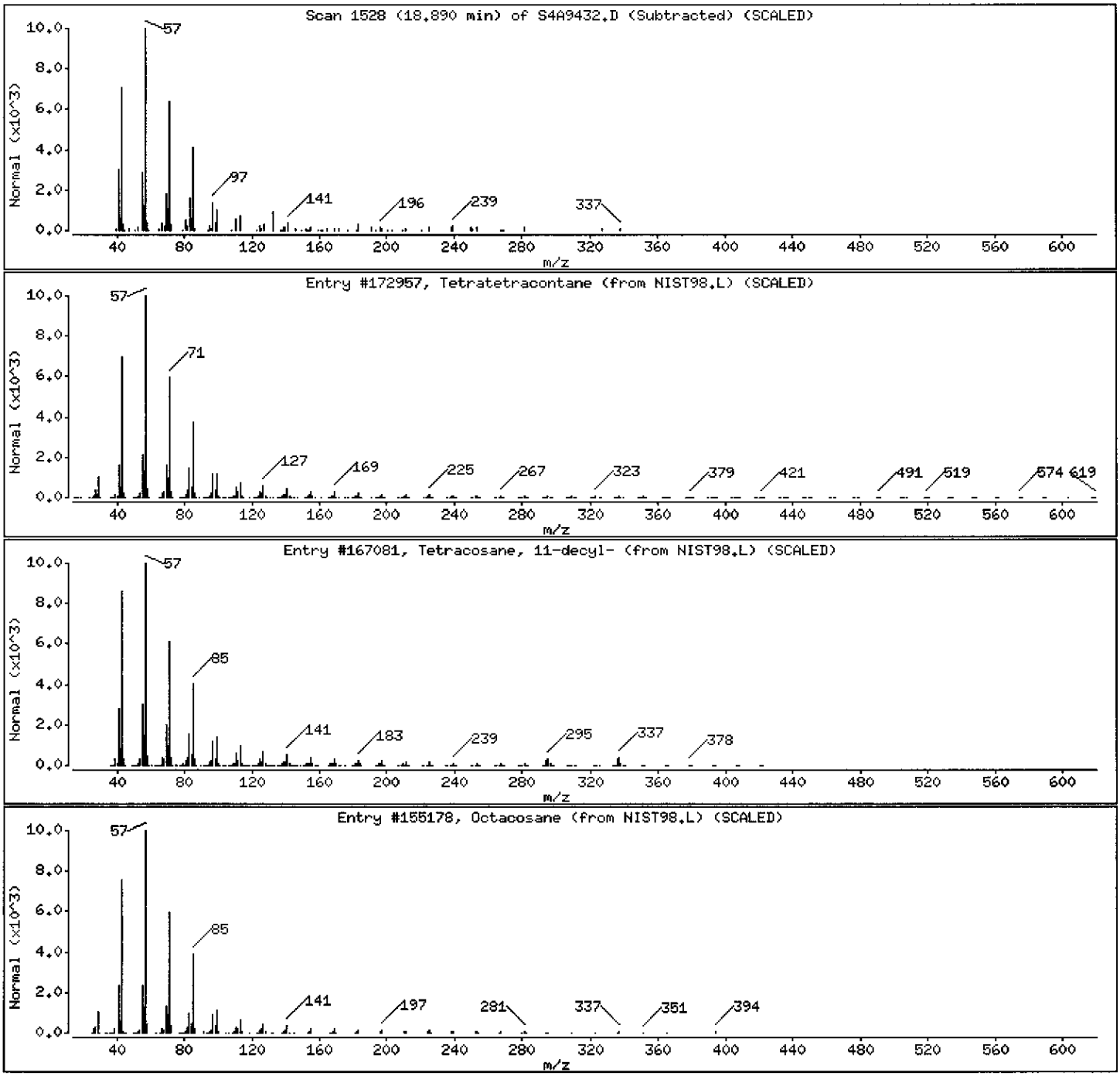
Client ID: SS10-S-D Instrument: S4.i

Sample Info: D0926-20A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Tetratetracontane	7098-22-8	NIST98.L	172957	83	C44H90	619
Tetracosane, 11-decyl-	55429-84-0	NIST98.L	167081	83	C34H70	479
Octacosane	630-02-4	NIST98.L	155178	83	C28H58	394



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Date : 24-AUG-2005 18:23

Client ID: SS10-S-D

Instrument: S4.i

Sample Info: D0926-20A,,19468,,

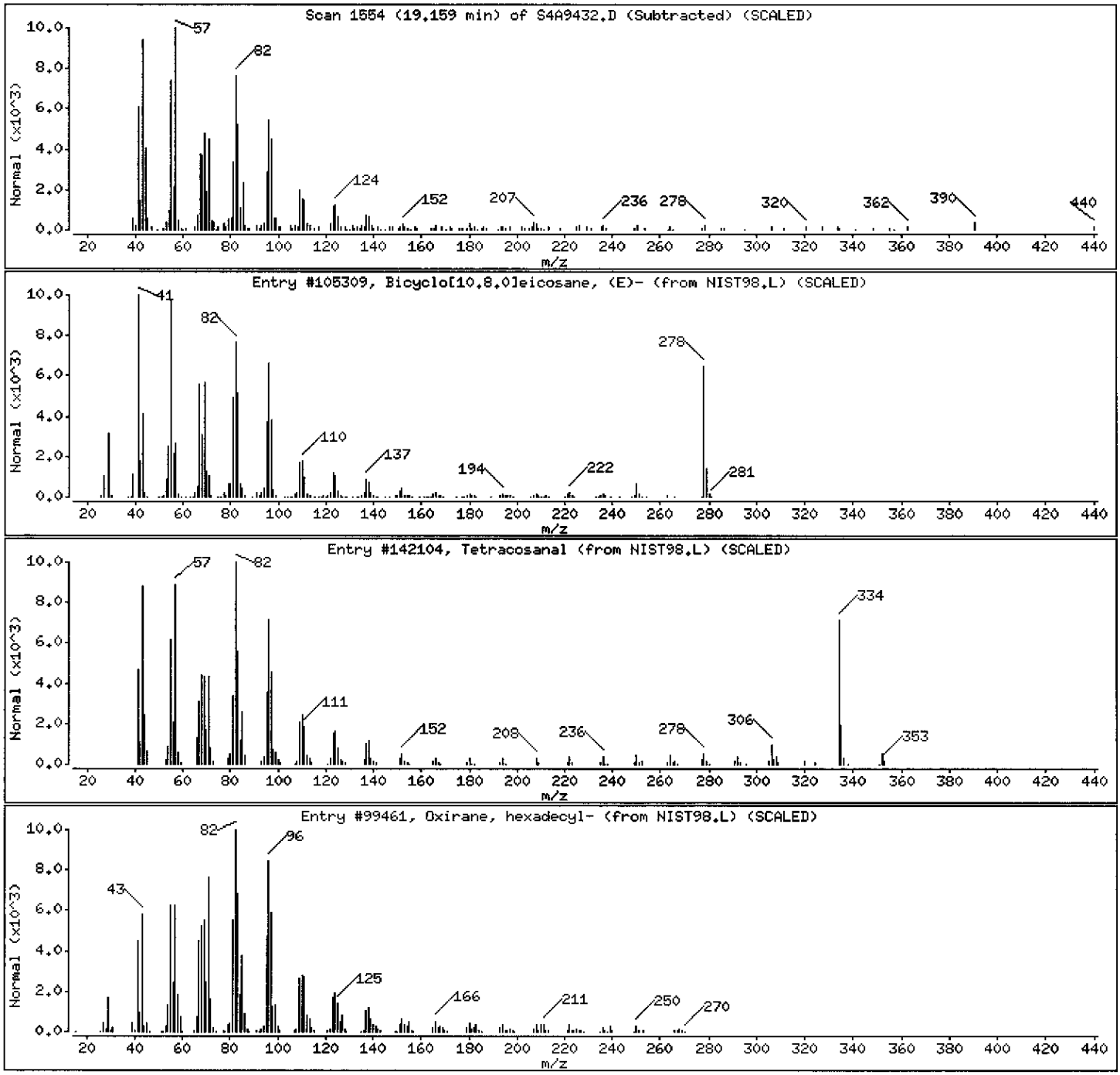
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Bicyclo[10.8.0]eicosane, (E)-	1000155-85-0	NIST98.L	105309	91	C20H38	278
Tetracosanal	57866-08-7	NIST98.L	142104	87	C24H480	352
Oxirane, hexadecyl-	7390-81-0	NIST98.L	99461	87	C18H360	268



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Date : 24-AUG-2005 18:23

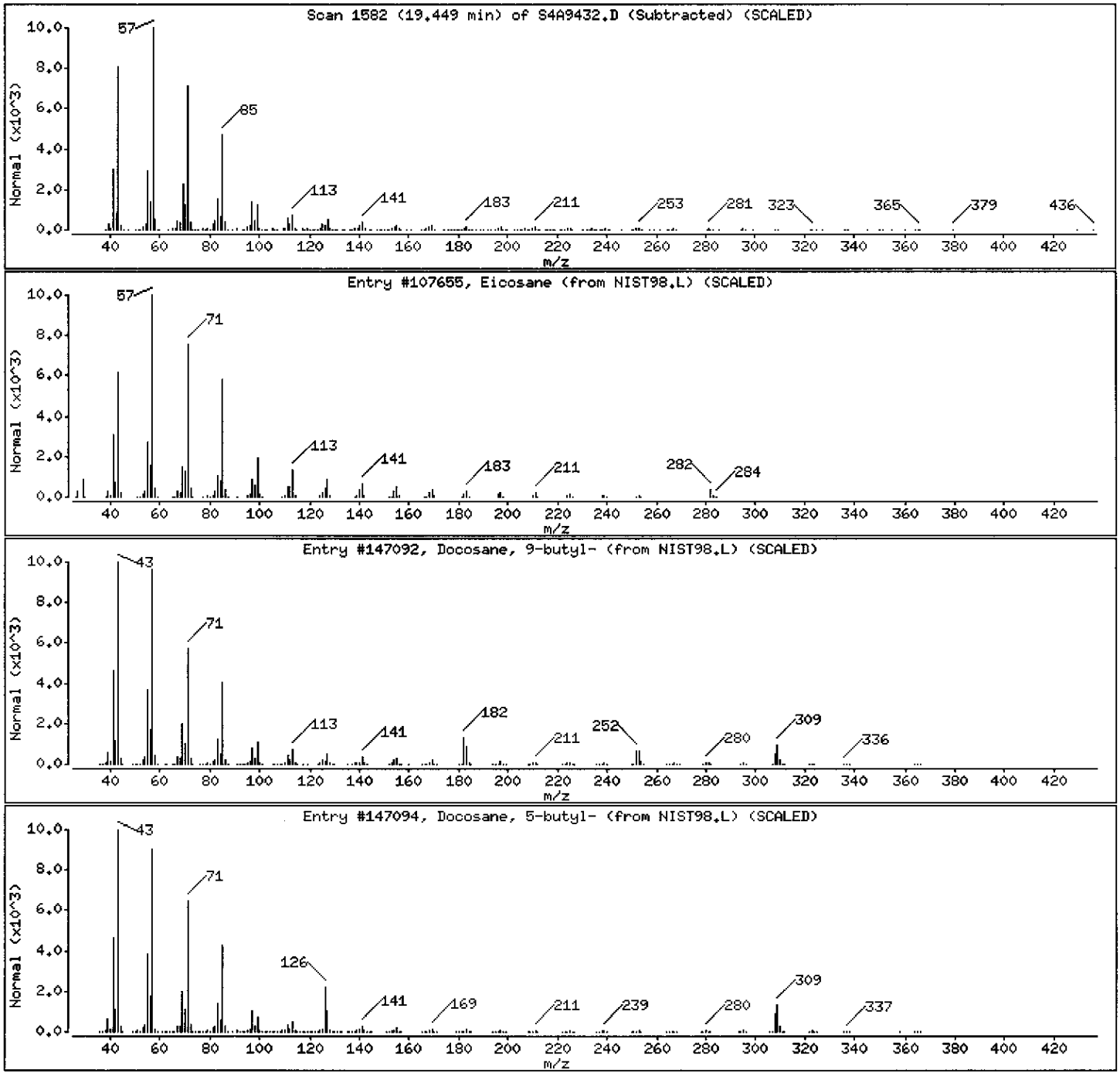
Client ID: SS10-S-D Instrument: S4.i

Sample Info: D0926-20A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Eicosane	112-95-8	NIST98.L	107655	97	C20H42	282
Docosane, 9-butyl-	55282-14-9	NIST98.L	147092	94	C26H54	366
Docosane, 5-butyl-	55282-16-1	NIST98.L	147094	93	C26H54	366



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Date : 24-AUG-2005 18:23

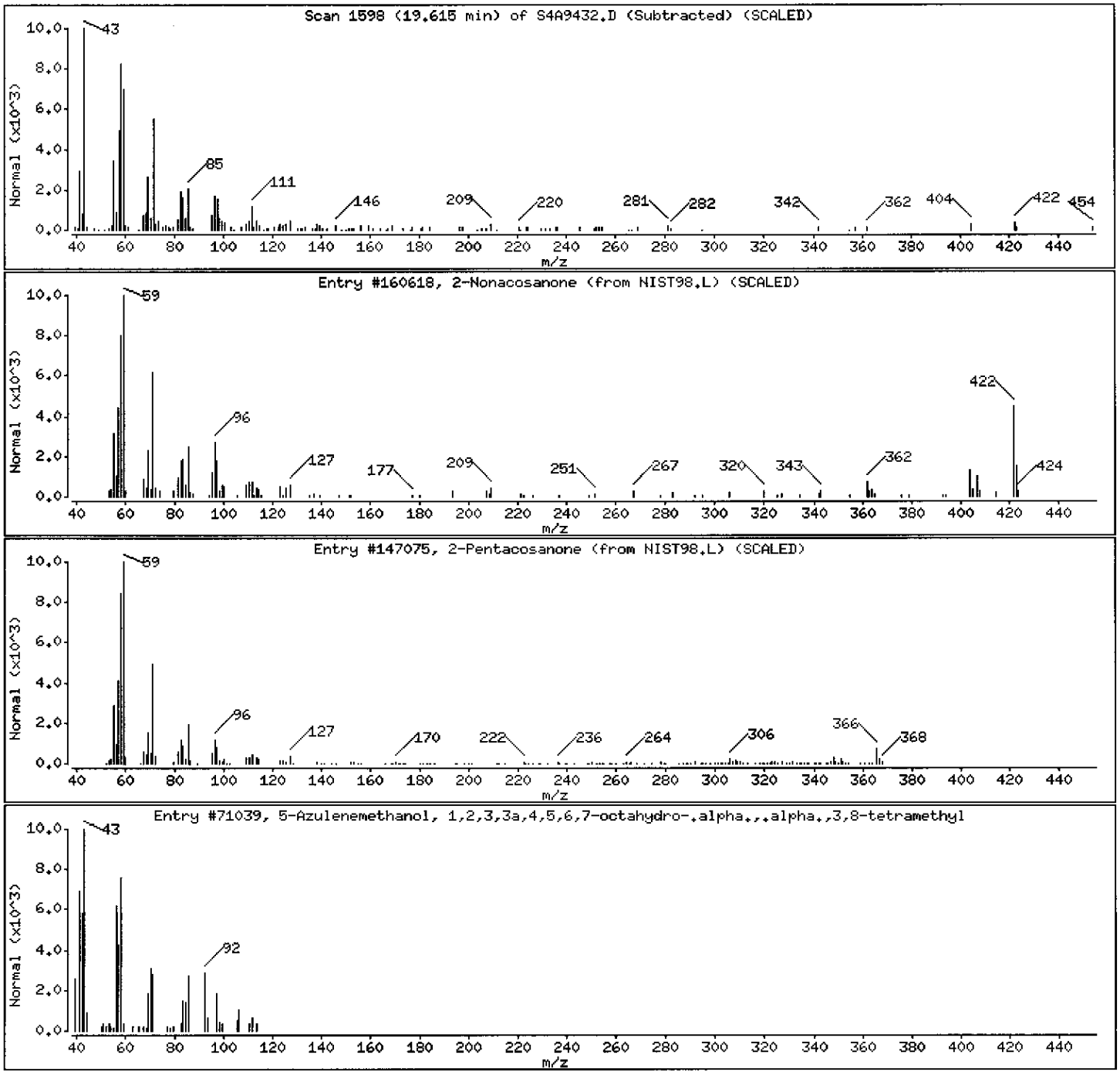
Client ID: SS10-S-D Instrument: S4.i

Sample Info: D0926-20A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Nonacosanone	17600-99-6	NIST98.L	160618	76	C29H580	422
2-Pentacosanone	75207-54-4	NIST98.L	147075	59	C25H500	366
5-Azulenemethanol, 1,2,3,3a,4,5,6,7-octa	55255-90-8	NIST98.L	71039	47	C15H260	222



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Date : 24-AUG-2005 18:23

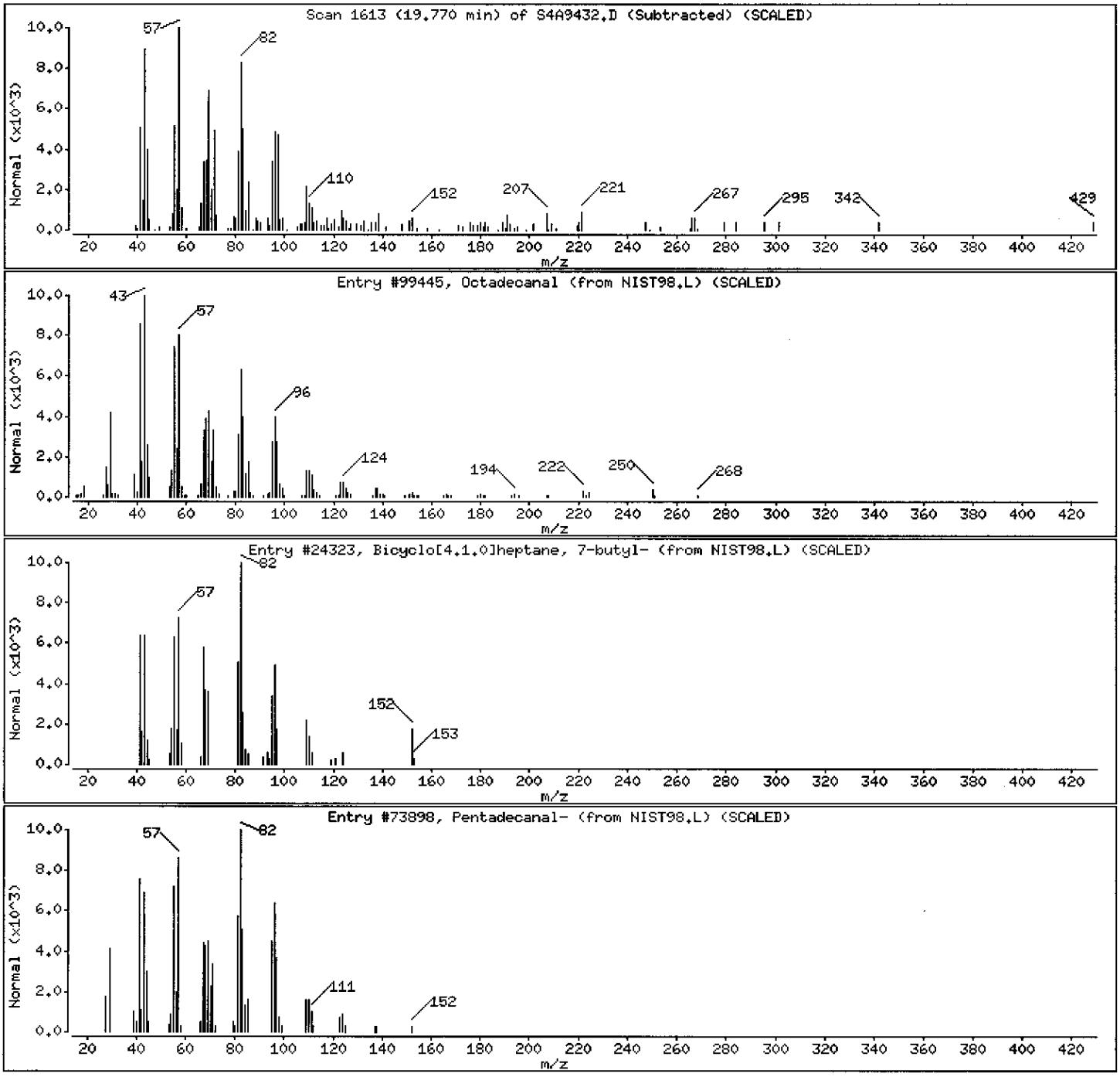
Client ID: SS10-S-D Instrument: S4.i

Sample Info: D0926-20A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octadecanal	638-66-4	NIST98.L	99445	89	C18H36O	268
Bicyclo[4.1.0]heptane, 7-butyl-	18645-10-8	NIST98.L	24323	87	C11H20	152
Pentadecanal-	2765-11-9	NIST98.L	73898	68	C15H30O	226



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Date : 24-AUG-2005 18:23

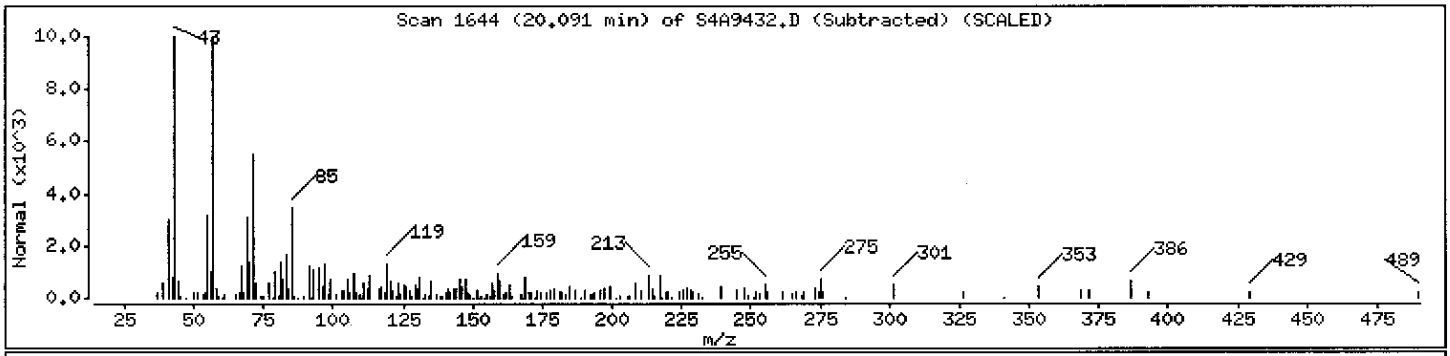
Client ID: SS10-S-D Instrument: S4.i

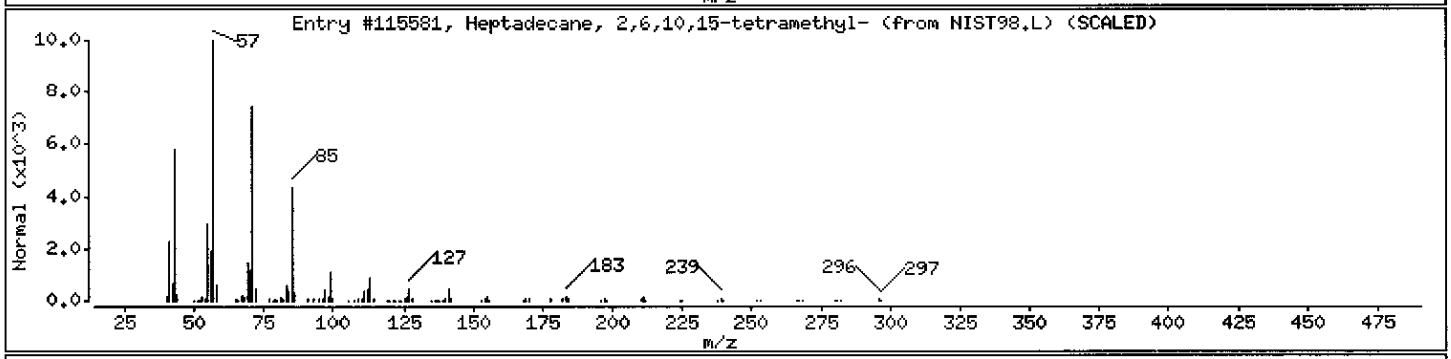
Sample Info: D0926-20A,,19468,,

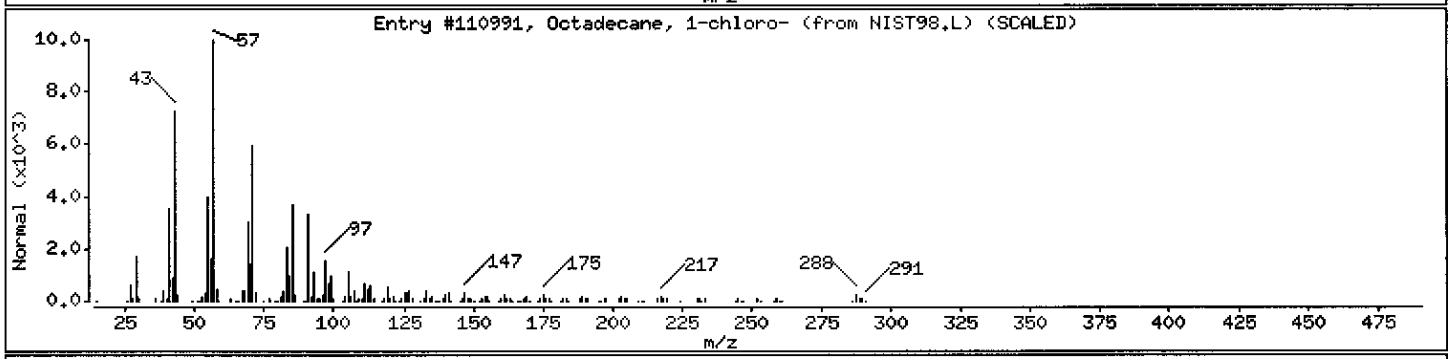
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

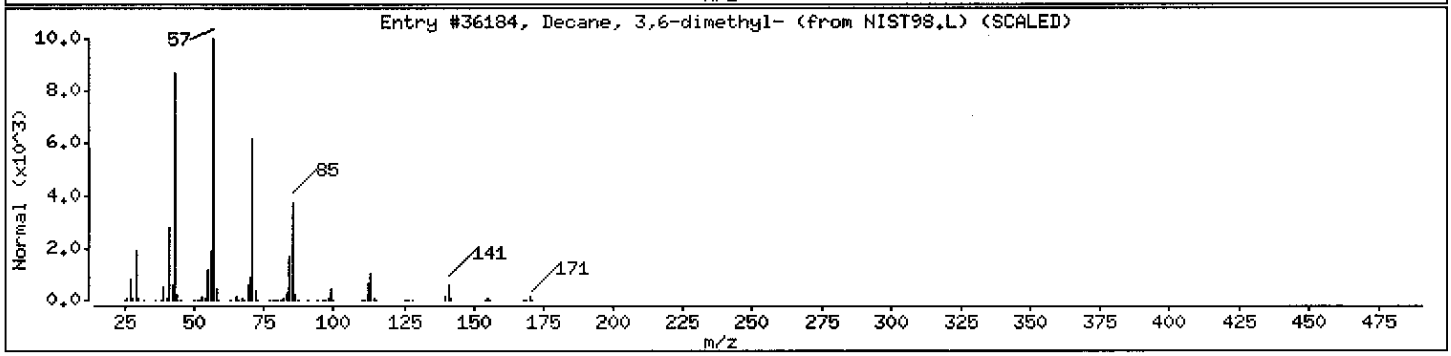
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST98.L	115581	52	C21H44	296
Octadecane, 1-chloro-	3386-33-2	NIST98.L	110991	52	C18H37Cl	288
Decane, 3,6-dimethyl-	17312-53-7	NIST98.L	36184	50	C12H26	170









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Date : 24-AUG-2005 18:23

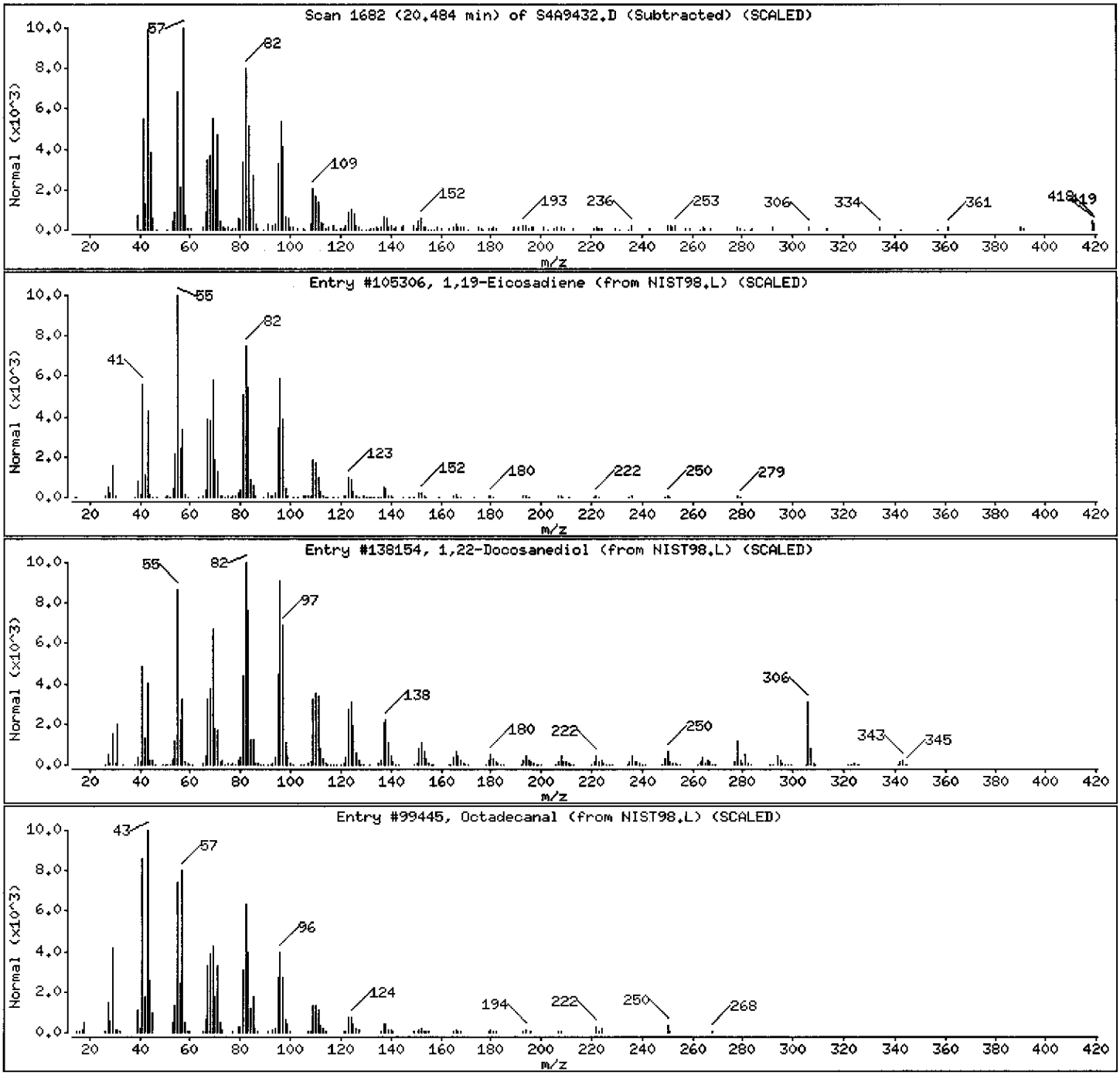
Client ID: SS10-S-D Instrument: S4.i

Sample Info: D0926-20A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1,19-Eicosadiene	14811-95-1	NIST98.L	105306	94	C20H38	278
1,22-Docosanediol	22513-81-1	NIST98.L	138154	91	C22H4602	342
Octadecanal	638-66-4	NIST98.L	99445	91	C18H360	268



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Date : 24-AUG-2005 18:23

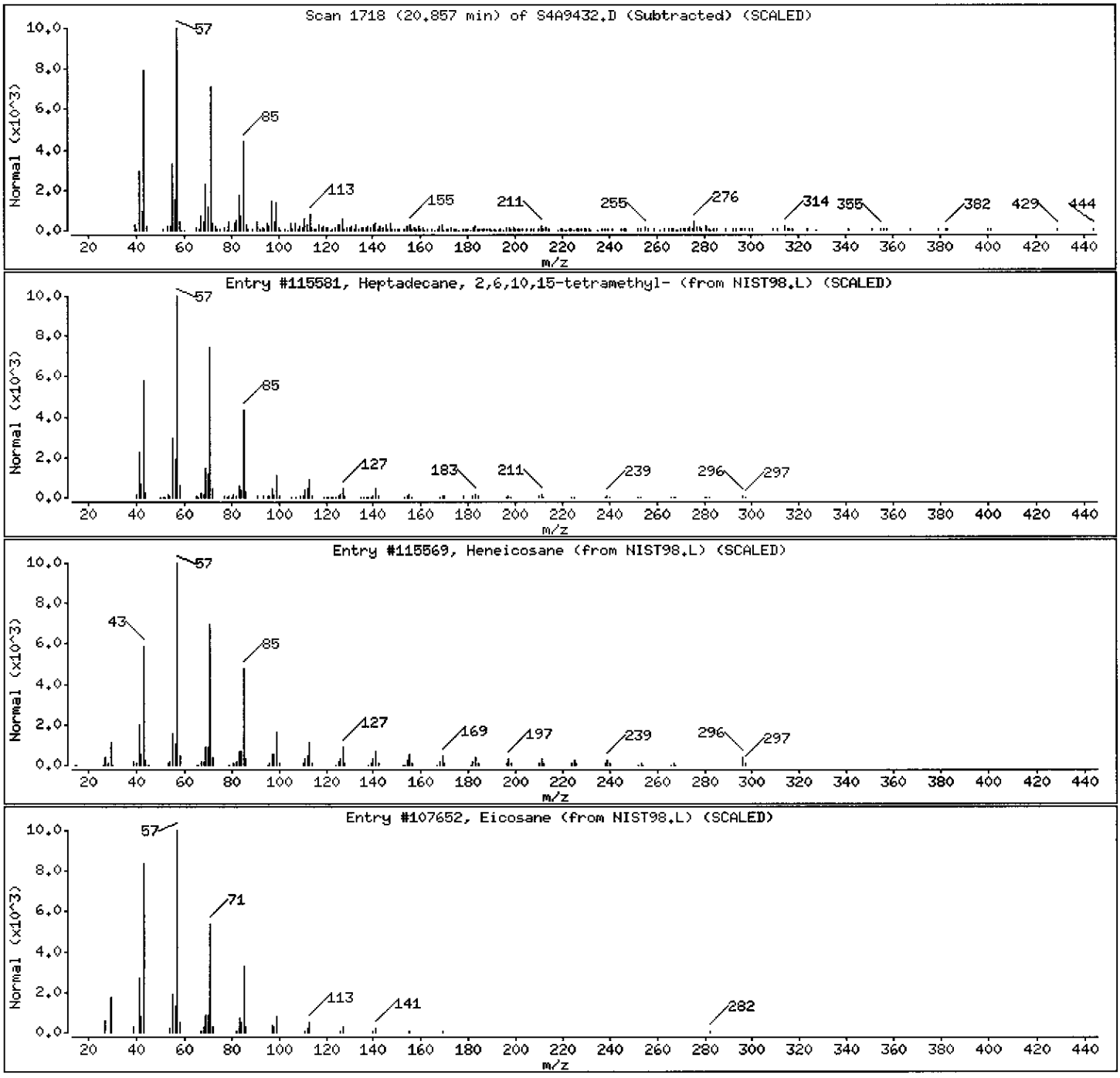
Client ID: SS10-S-D Instrument: S4.i

Sample Info: D0926-20A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST98.L	115581	96	C21H44	296
Heneicosane	629-94-7	NIST98.L	115569	95	C21H44	296
Eicosane	112-95-8	NIST98.L	107652	91	C20H42	282



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Date : 24-AUG-2005 18:23

Client ID: SS10-S-D

Instrument: S4.i

Sample Info: D0926-20A,,19468,,

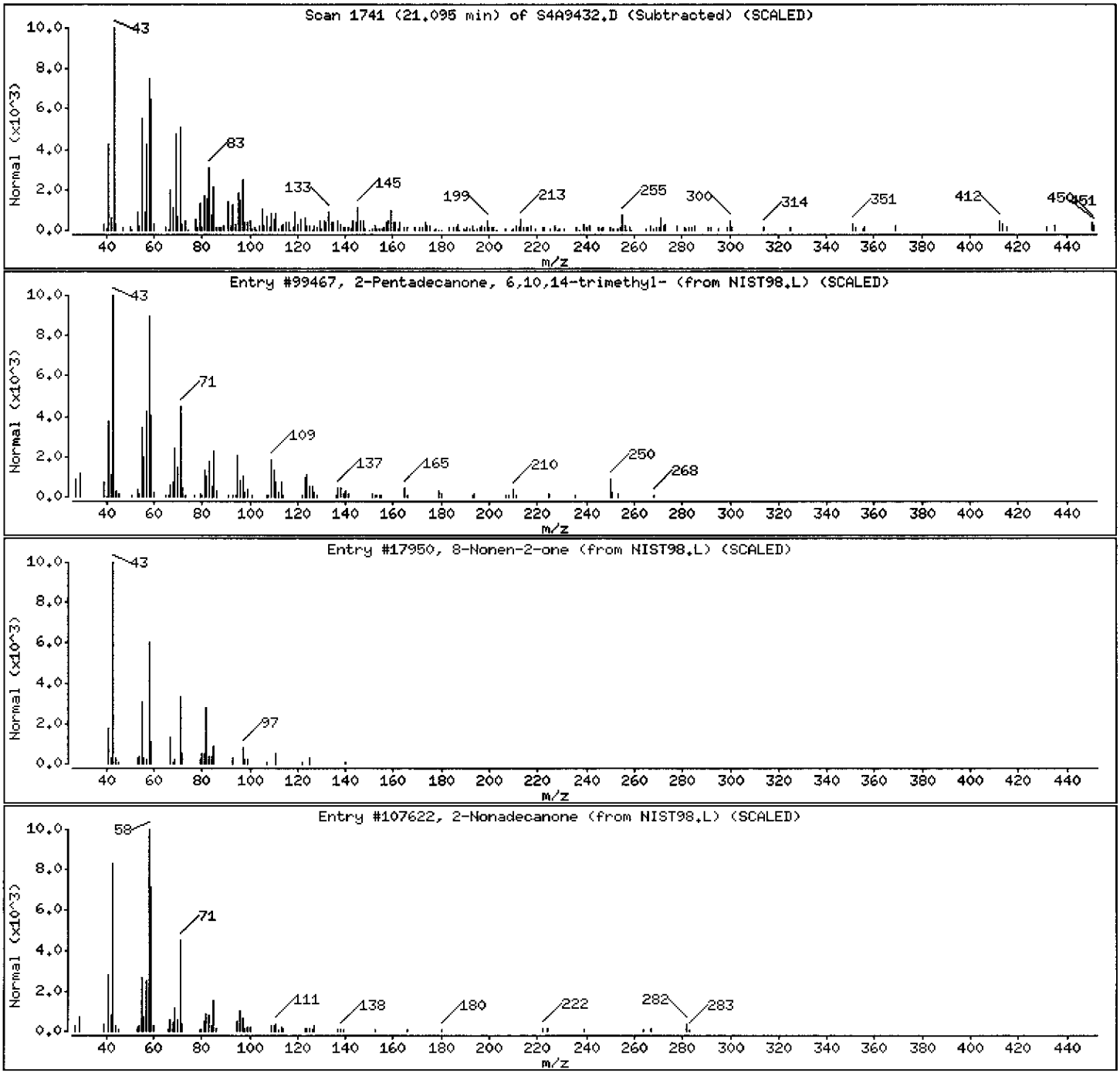
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Pentadecanone, 6,10,14-trimethyl-	502-69-2	NIST98.L	99467	59	C18H36O	268
8-Nonen-2-one	5009-32-5	NIST98.L	17950	53	C9H16O	140
2-Nonadecanone	629-66-3	NIST98.L	107622	53	C19H38O	282



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Date : 24-AUG-2005 18:23

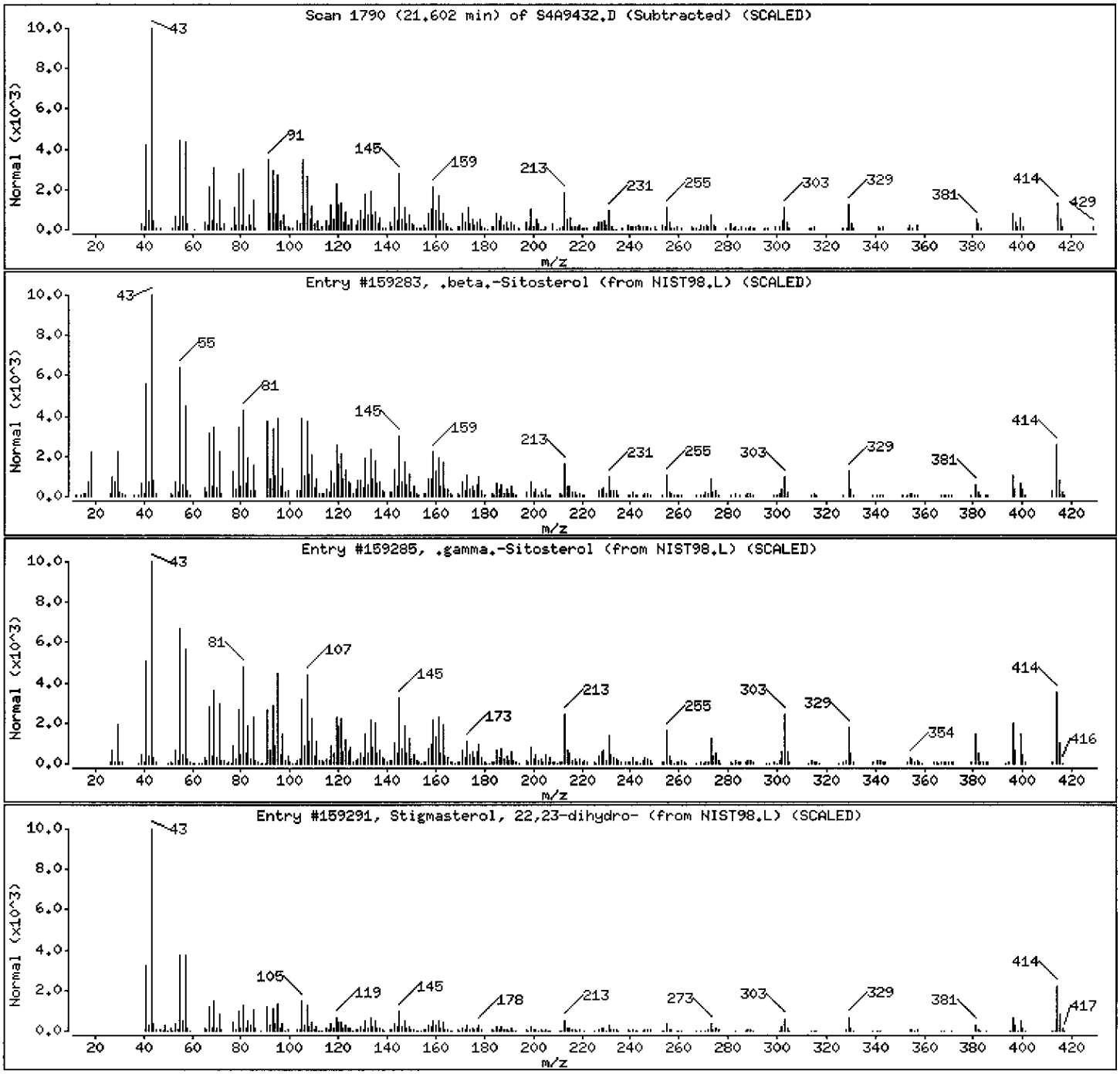
Client ID: SS10-S-D Instrument: S4.i

Sample Info: D0926-20A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.beta.-Sitosterol	83-46-5	NIST98.L	159283	98	C29H500	414
.gamma.-Sitosterol	83-47-6	NIST98.L	159285	95	C29H500	414
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST98.L	159291	87	C29H500	414



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Date : 24-AUG-2005 18:23

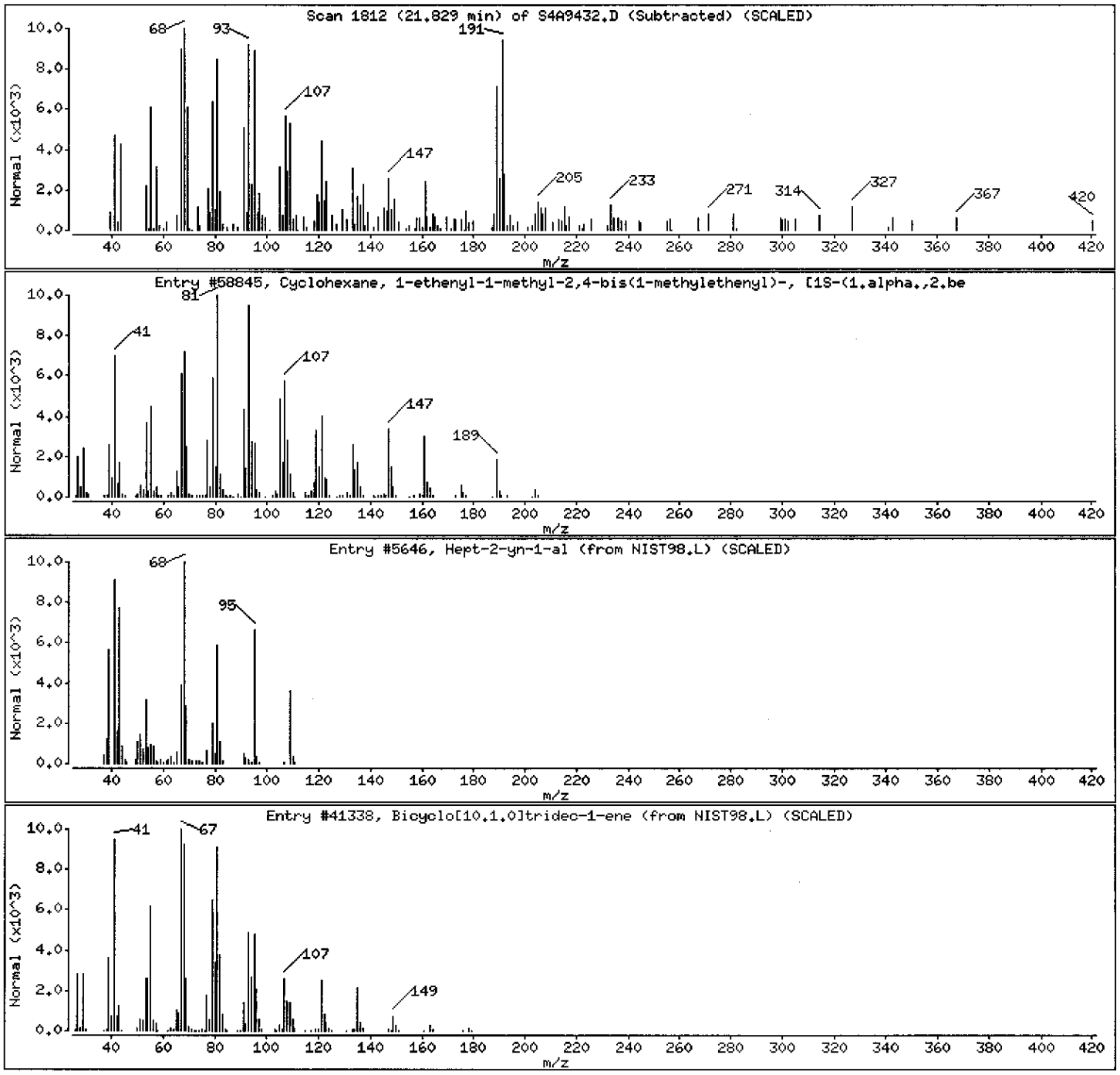
Client ID: SS10-S-D Instrument: S4.i

Sample Info: D0926-20A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclohexane, 1-ethenyl-1-methyl-2,4-bis(	515-13-9	NIST98.L	58845	64	C15H24	204
Hept-2-yn-1-al	1846-67-9	NIST98.L	5646	50	C7H10O	110
Bicyclo[10.1.0]tridec-1-ene	54766-91-5	NIST98.L	41338	49	C13H22	178



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Date : 24-AUG-2005 18:23

Client ID: SS10-S-D

Instrument: S4.i

Sample Info: D0926-20A,,19468,,

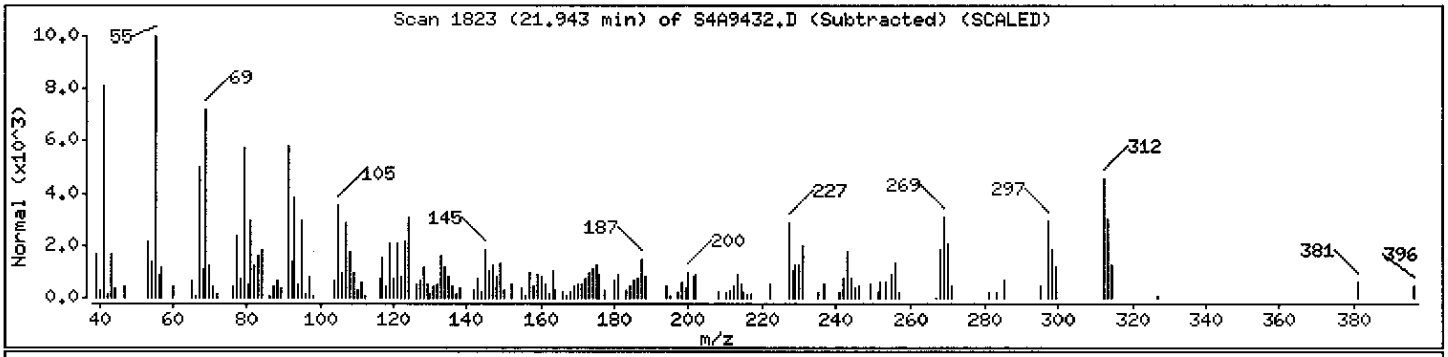
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9432.D

Date : 24-AUG-2005 18:23

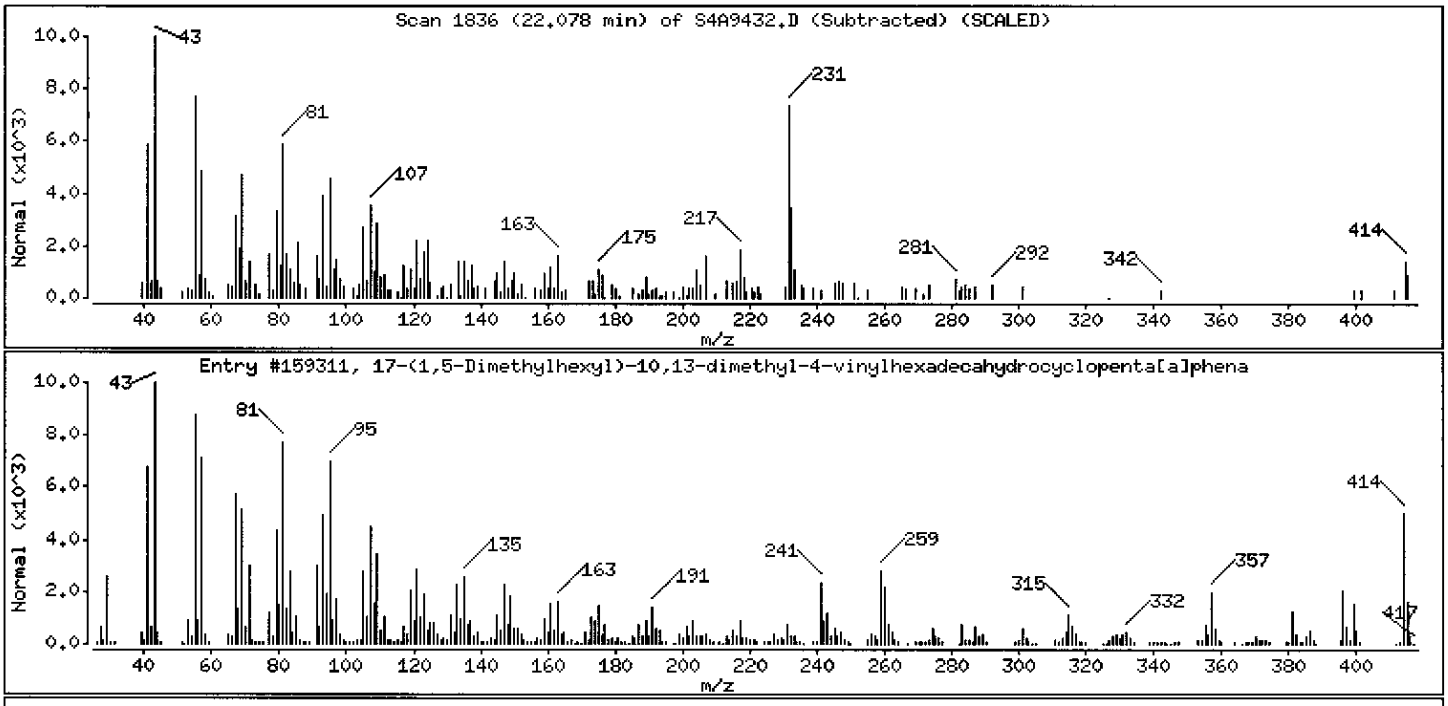
Client ID: SS10-S-D Instrument: S4.i

Sample Info: D0926-20A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
17-(1,5-Dimethylhexyl)-10,13-dimethyl-4-	1000210-86-9	NIST98.L	159311	64	C29H500	414



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Date : 24-AUG-2005 18:23

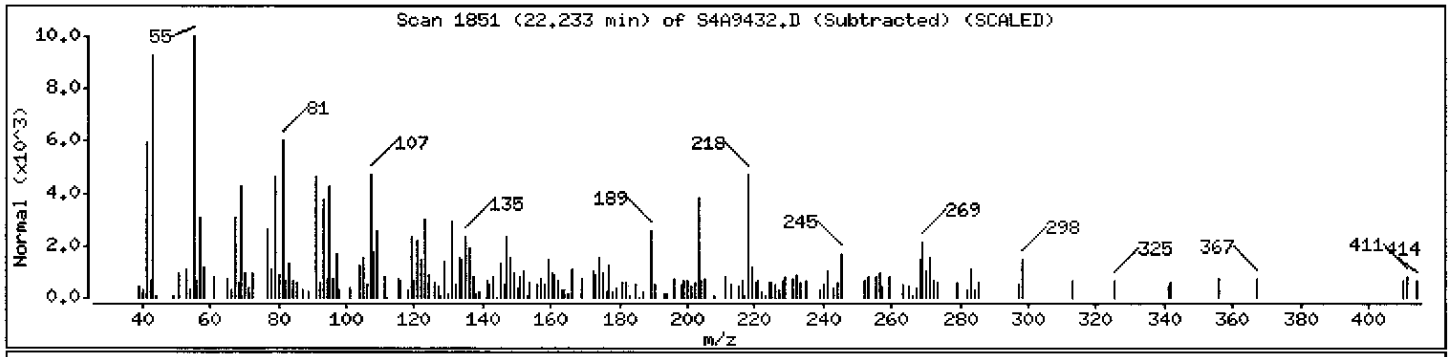
Client ID: SS10-S-D Instrument: S4.i

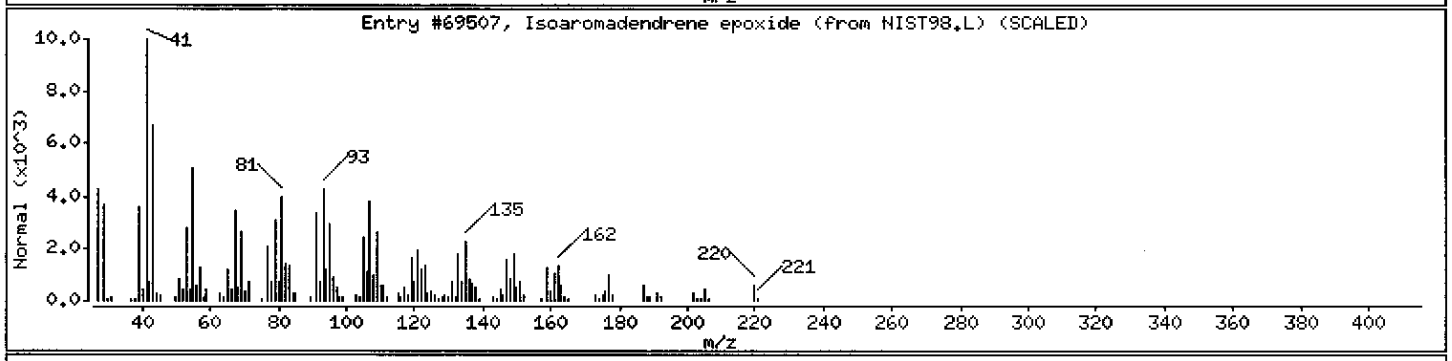
Sample Info: D0926-20A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Isoaromadendrene epoxide	1000159-36-6	NIST98.L	69507	41	C15H24O	220





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Date : 24-AUG-2005 18:23

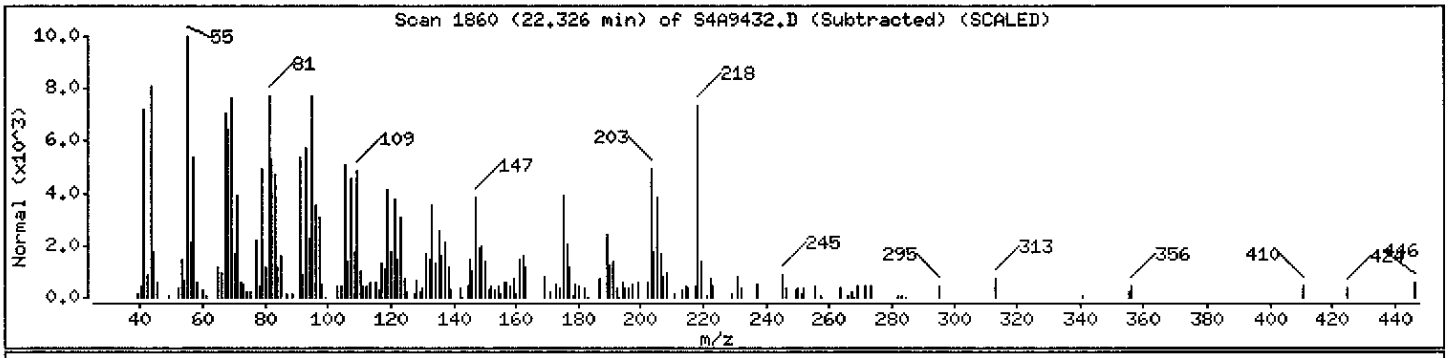
Client ID: SS10-S-D Instrument: S4.i

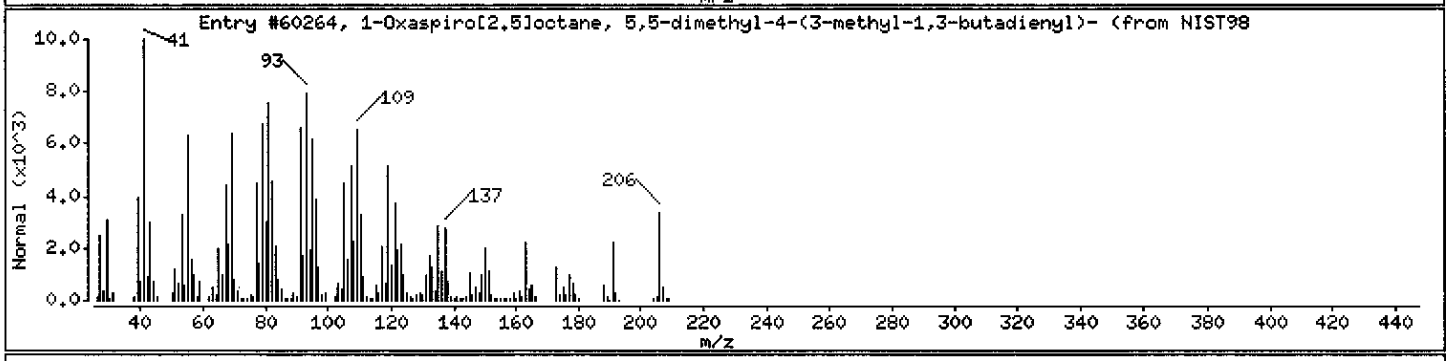
Sample Info: D0926-20A,,19468,,

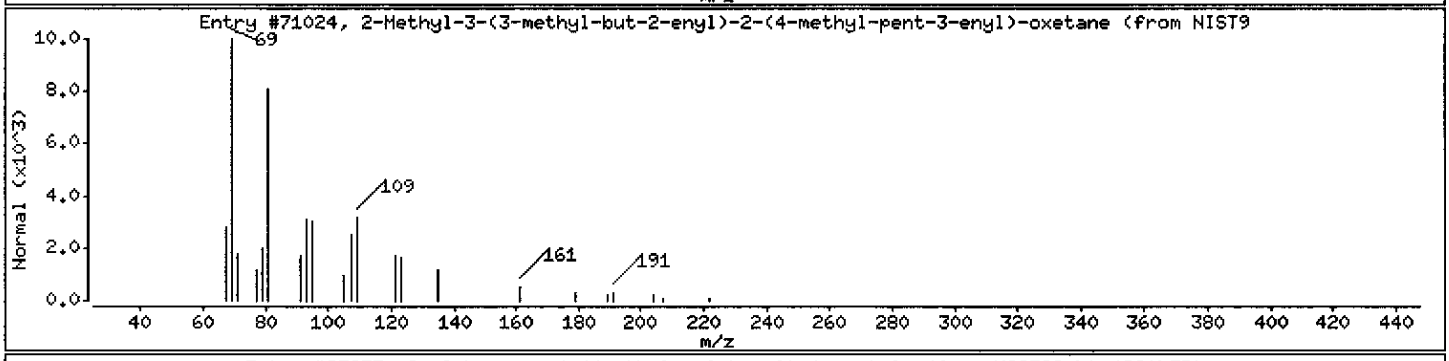
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

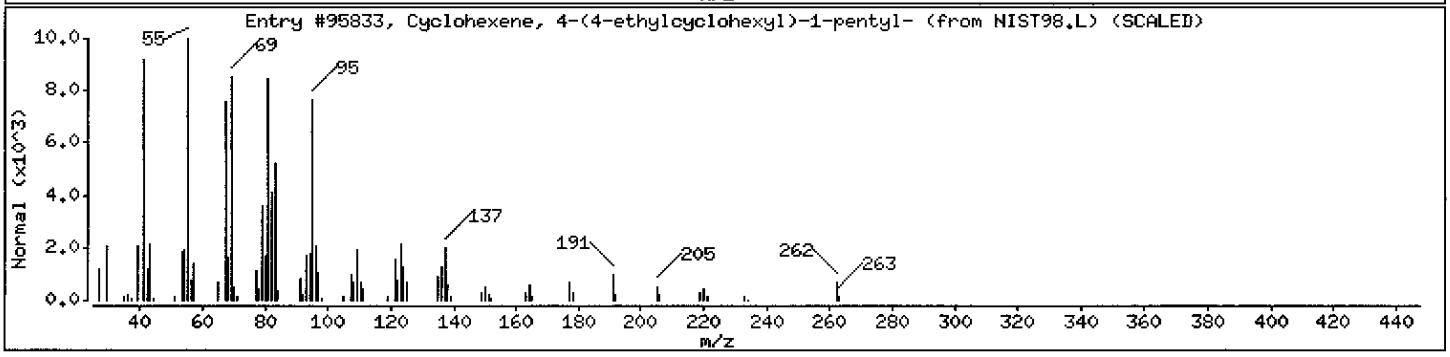
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Oxaspiro[2.5]octane, 5,5-dimethyl-4-(3	1000195-92-1	NIST98.L	60264	62	C14H220	206
2-Methyl-3-(3-methyl-but-2-enyl)-2-(4-me	1000144-10-2	NIST98.L	71024	46	C15H260	222
Cyclohexene, 4-(4-ethylcyclohexyl)-1-pen	301643-32-3	NIST98.L	95833	41	C19H34	262









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Date : 24-AUG-2005 18:23

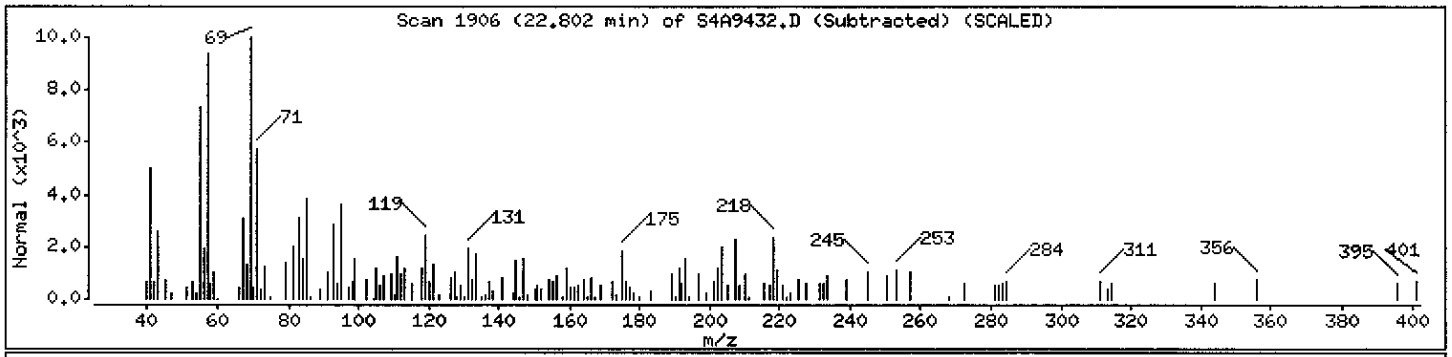
Client ID: SS10-S-D Instrument: S4.i

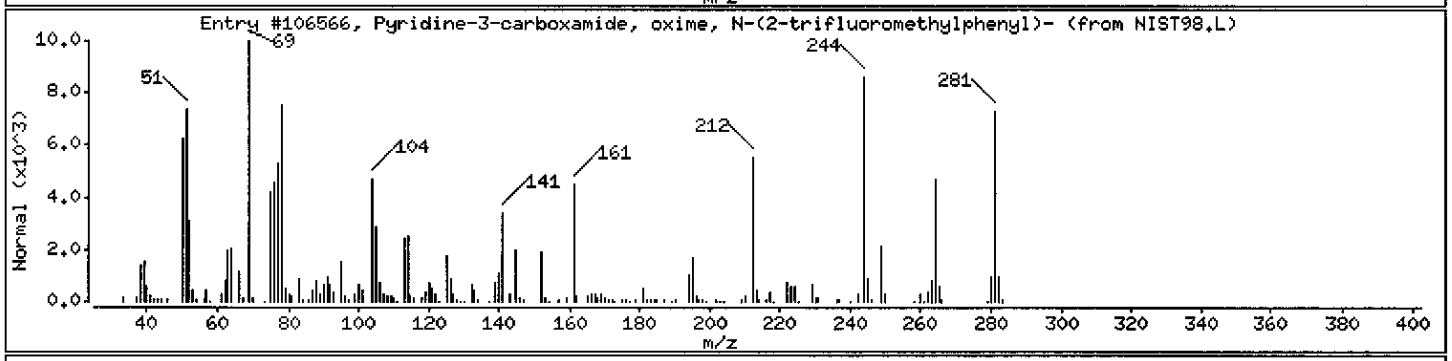
Sample Info: D0926-20A,,19468,,

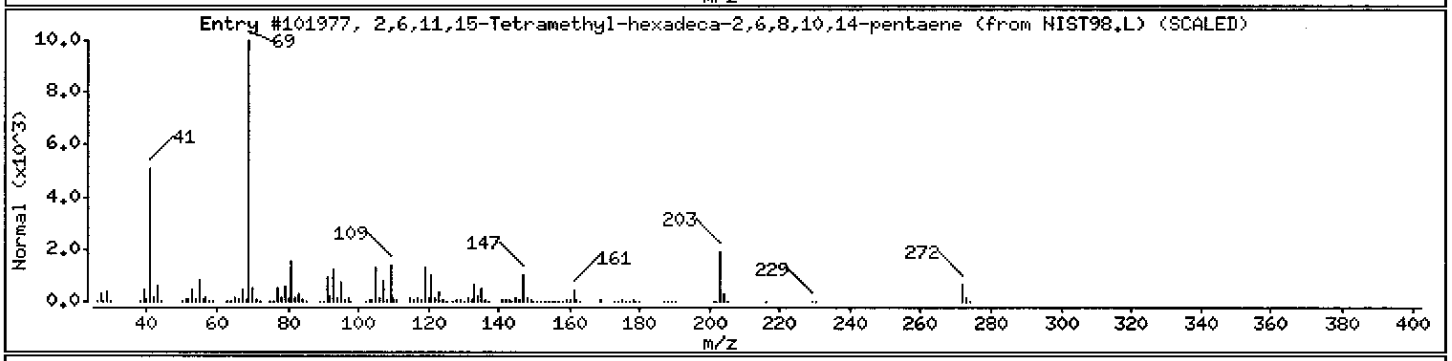
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pyridine-3-carboxamide, oxime, N-(2-trif	288246-53-7	NIST98.L	106566	93	C13H10F3N3O	281
2,6,11,15-Tetramethyl-hexadeca-2,6,8,10,	38259-79-9	NIST98.L	101977	50	C20H32	272







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Date : 24-AUG-2005 18:23

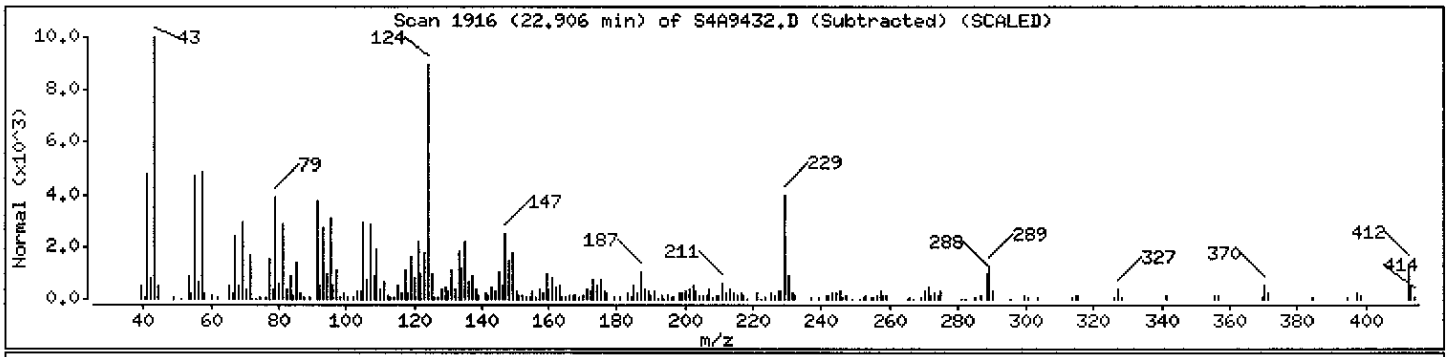
Client ID: SS10-S-D Instrument: S4.i

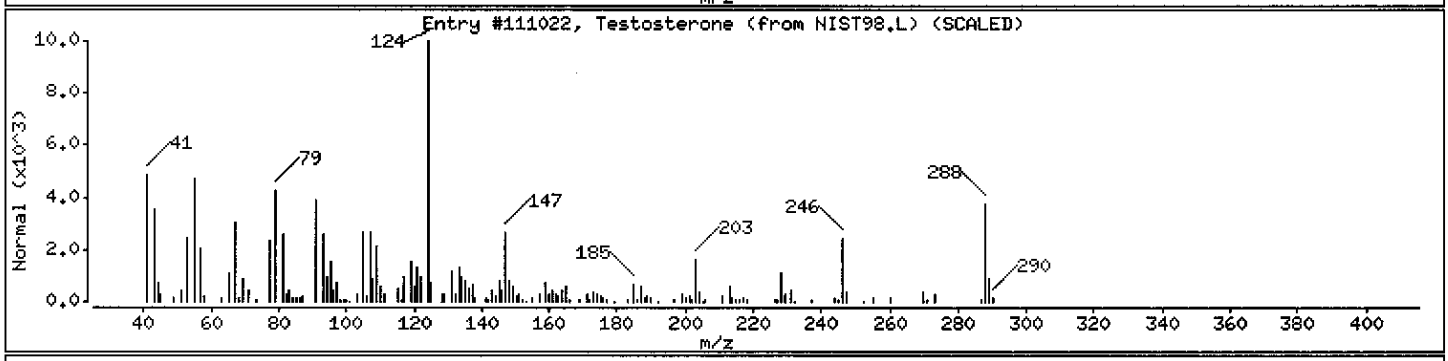
Sample Info: D0926-20A,,19468,,

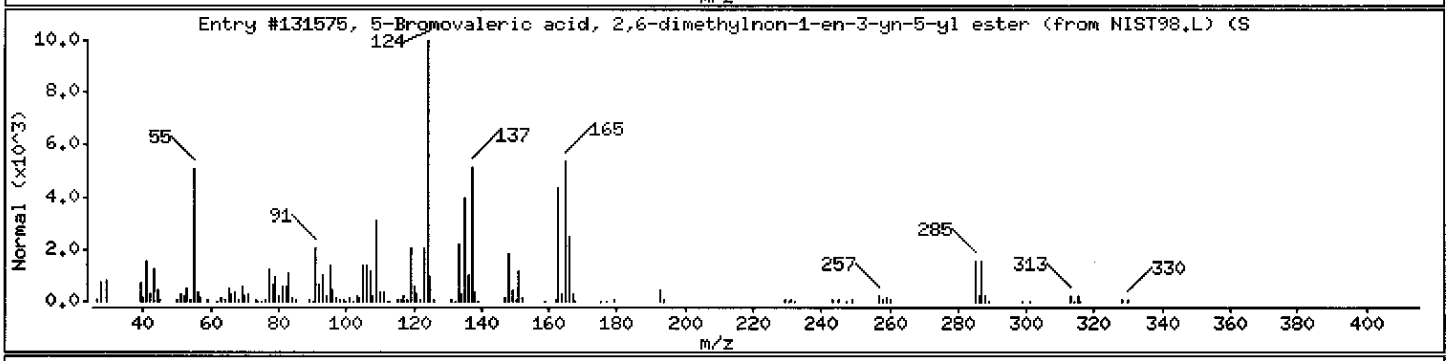
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

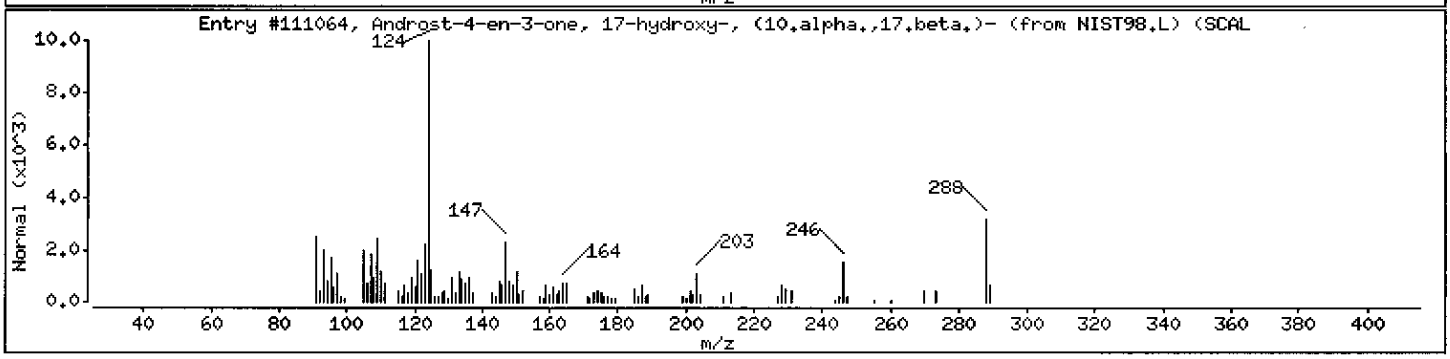
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Testosterone	58-22-0	NIST98.L	111022	90	C19H28O2	288
5-Bromovaleric acid, 2,6-dimethylnon-1-e	1000292-56-9	NIST98.L	131575	50	C16H25BrO2	328
Androst-4-en-3-one, 17-hydroxy-, (10.alp	604-39-7	NIST98.L	111064	46	C19H28O2	288









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9432.D

Date : 24-AUG-2005 18:23

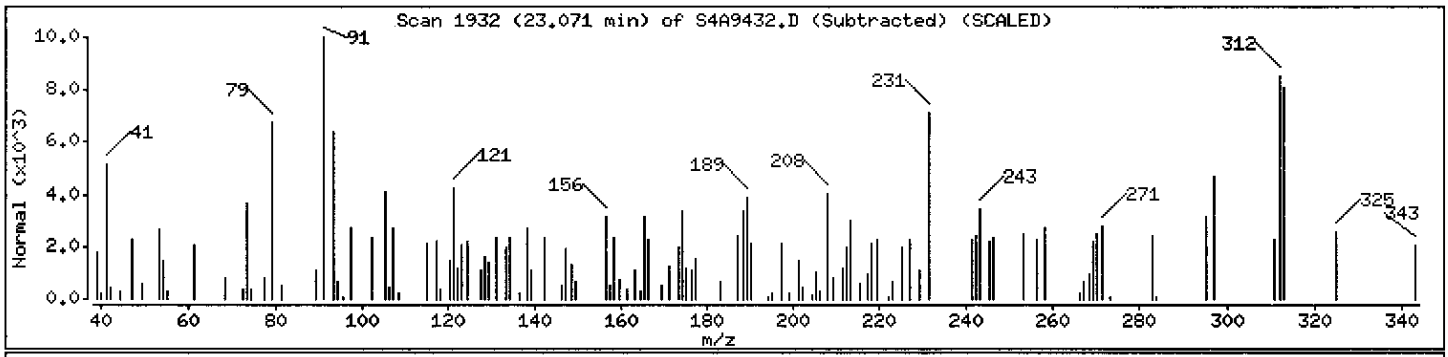
Client ID: SS10-S-D Instrument: S4.i

Sample Info: D0926-20A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9432.D

Date : 24-AUG-2005 18:23

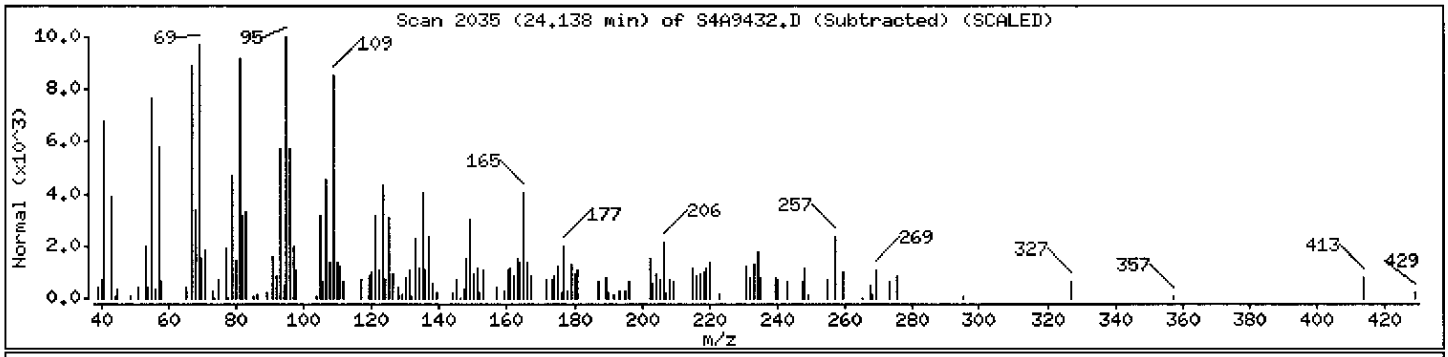
Client ID: SS10-S-D Instrument: S4.i

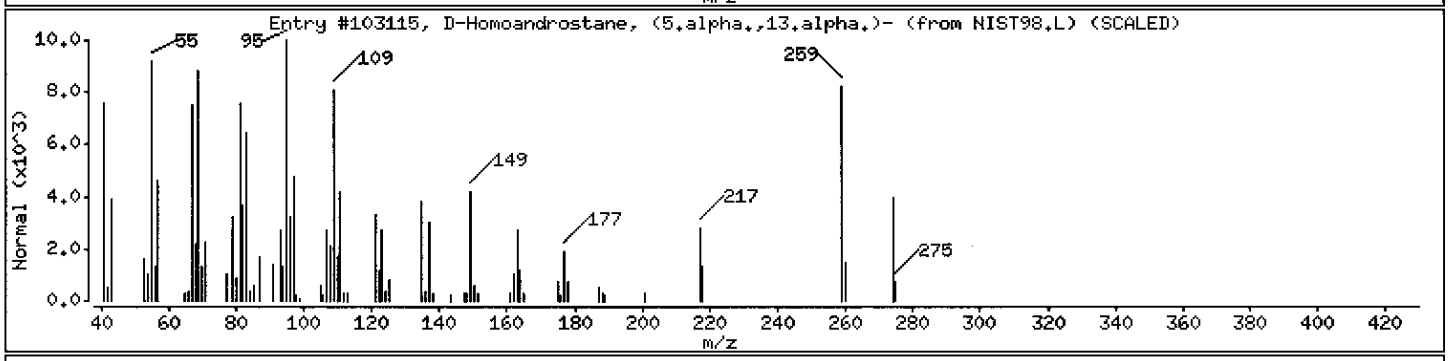
Sample Info: D0926-20A,,19468,,

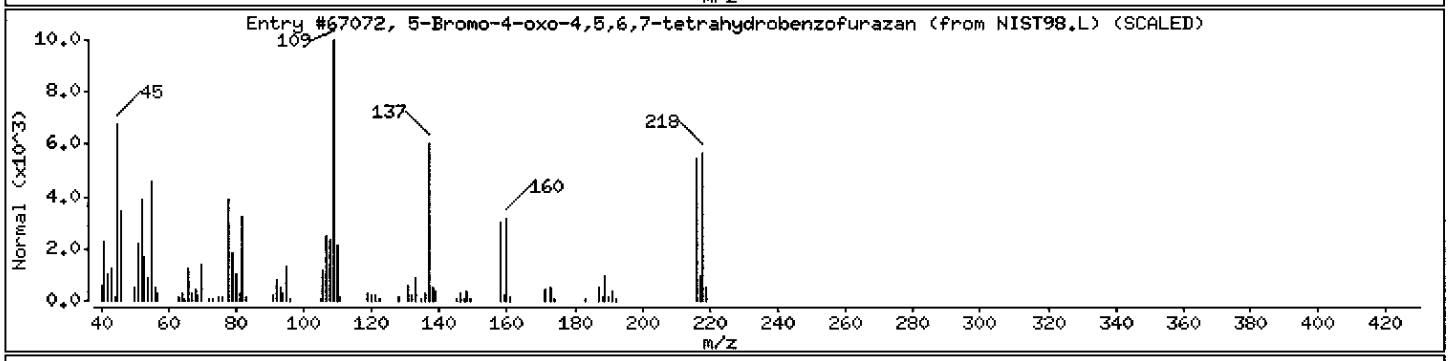
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
D-Homoandrostane, (5.alpha.,13.alpha.)-	54482-31-4	NIST98.L	103115	64	C20H34	274
5-Bromo-4-oxo-4,5,6,7-tetrahydrobenzofur	300574-36-1	NIST98.L	67072	56	C6H5BrN2O2	216







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Date : 24-AUG-2005 18:23

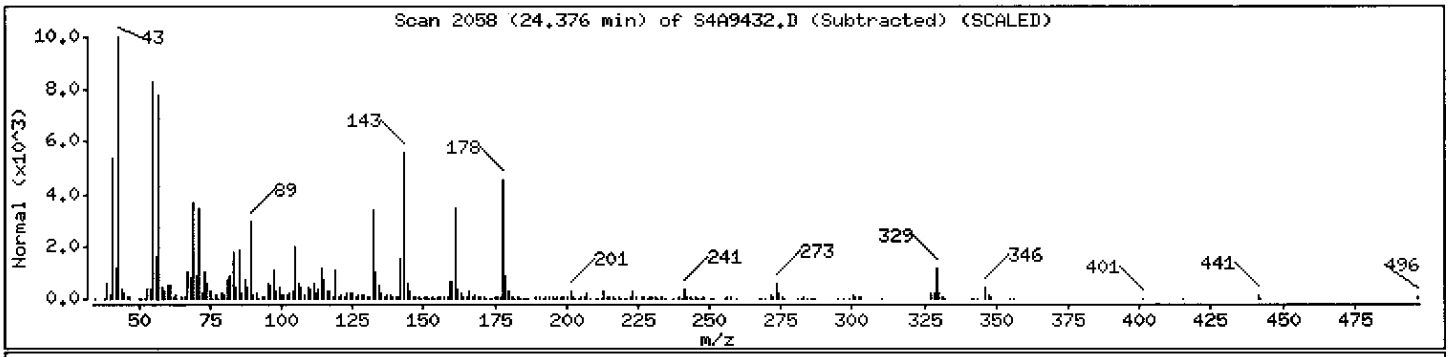
Client ID: SS10-S-D Instrument: S4.i

Sample Info: D0926-20A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SS10-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-18A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9436

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.0 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	940	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	940	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	940	U
83-32-9	Acenaphthene	380	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS10-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-18A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9436

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.0 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	940	U
100-02-7	4-Nitrophenol	940	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	940	U
534-52-1	4,6-Dinitro-2-methylphenol	940	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	940	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	59	JB
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SS10-S-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-18A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9436

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.0 Extraction: (Type) SONC

Number TICs found: 21

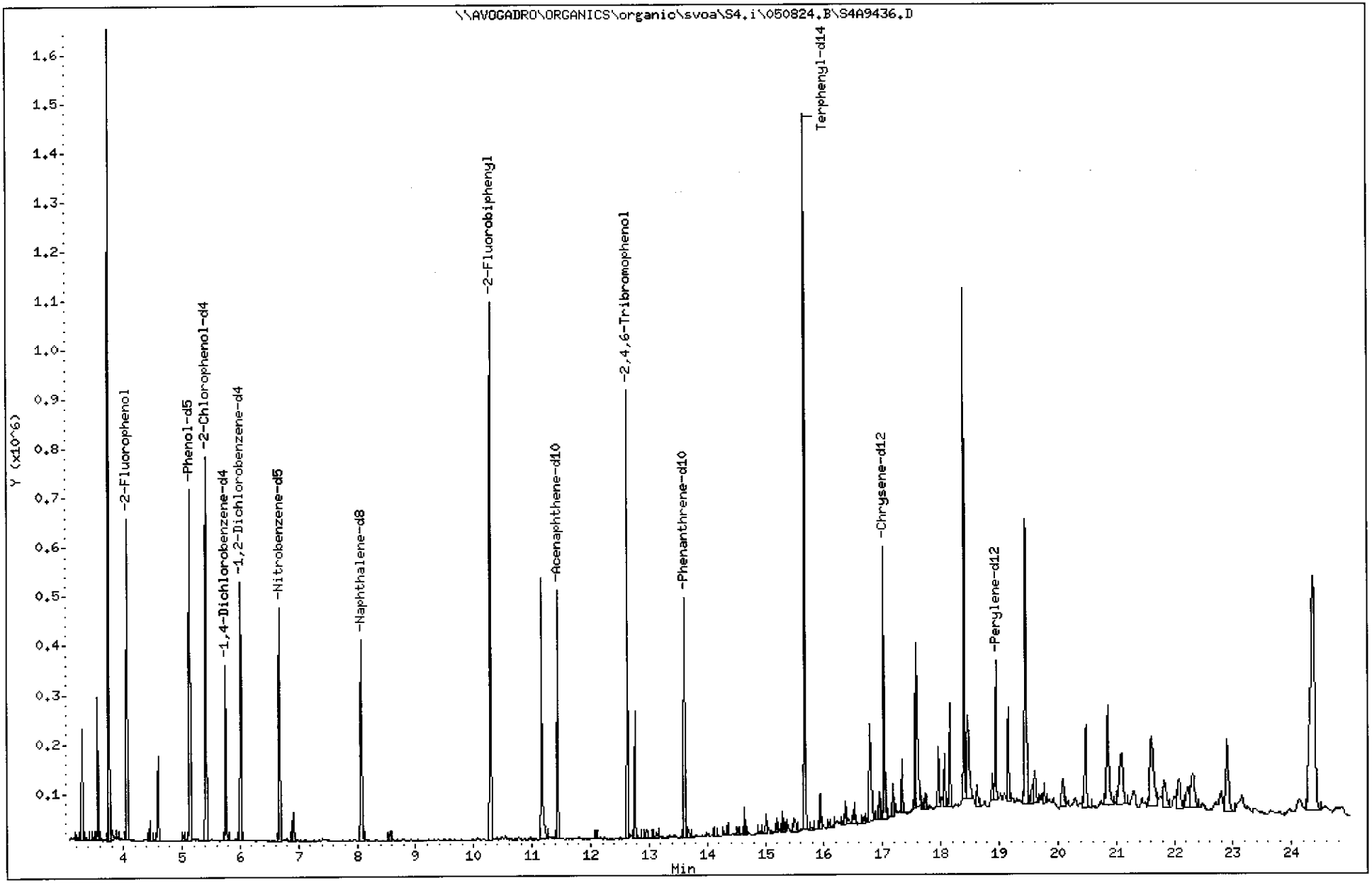
CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	78-40-0	TRIETHYL PHOSPHATE	6.90	120	NJ
2.	67860-04-2	OXIRANE, HEPTADECYL-	17.34	110	NJ
3.	1599-67-3	1-DOCOSENE	17.59	700	NJ
4.	7683-64-9	SQUALENE	18.06	250	NJ
5.	14811-95-1	1,19-EICOSADIENE	18.16	430	NJ
6.	629-96-9	1-EICOSANOL	18.46	840	NJ
7.	638-66-4	OCTADECANAL	18.62	140	NJ
8.	14811-95-1	1,19-EICOSADIENE	19.16	540	NJ
9.		UNKNOWN	19.57	190	J
10.		UNKNOWN	19.61	280	J
11.	14811-95-1	1,19-EICOSADIENE	19.77	130	NJ
12.	57-88-5	CHOLESTEROL	20.09	290	NJ
13.	67860-04-2	OXIRANE, HEPTADECYL-	20.48	690	NJ
14.		UNKNOWN	21.09	800	J
15.	83-46-5	.BETA.-SITOSTEROL	21.60	1200	NJ
16.		UNKNOWN	21.83	370	J
17.		UNKNOWN	22.08	370	J
18.		UNKNOWN	22.23	290	J
19.		UNKNOWN	22.32	560	J
20.	1058-61-3	STIGMAST-4-EN-3-ONE	22.91	900	NJ
21.		UNKNOWN	24.38	4200	JB
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9436.D
Date : 24-AUG-2005 20:34
Client ID: SS10-S-O
Sample Info: D0926-18A,,19468,,
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S4.i

Operator: AW SRC: LIMS
Column diameter: 0.25



Data File: S4A9436.D
Report Date: 31-Aug-2005 12:03

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9436.D
Lab Smp Id: D0926-18A Client Smp ID: SS10-S-O
Inj Date : 24-AUG-2005 20:34
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-18A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D ✓
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	12.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	4.058	4.048	(0.705)	176863	100.393	1900
$ 3	Phenol-d5	99	5.134	5.135	(0.892)	286626	113.863	2200
$ 6	2-Chlorophenol-d4	132	5.414	5.414	(0.941)	233220	109.829	2100
* 8	1,4-Dichlorobenzene-d4	152	5.755	5.755	(1.000)	63348	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	6.004	6.004	(1.043)	94162	64.0691	1200
$ 16	Nitrobenzene-d5	82	6.677	6.677	(0.827)	219539	73.5470	1400
* 23	Naphthalene-d8	136	8.074	8.074	(1.000)	260086	40.0000	
$ 33	2-Fluorobiphenyl	172	10.289	10.289	(0.900)	437034	89.2163	1700
* 41	Acenaphthene-d10	164	11.438	11.438	(1.000)	142576	40.0000	
$ 53	2,4,6-Tribromophenol	330	12.638	12.628	(0.929)	96226	158.231	3000
* 58	Phenanthrene-d10	188	13.611	13.611	(1.000)	231423	40.0000	
$ 65	Terphenyl-d14	244	15.671	15.671	(0.920)	502185	108.320	2100
* 69	Chrysene-d12	240	17.027	17.027	(1.000)	184466	40.0000	

Data File: S4A9436.D
Report Date: 31-Aug-2005 12:03

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
71 bis(2-Ethylhexyl)phthalate	149	16.954	16.954	(0.996)	14918	3.13731	59(a)
* 76 Perylene-d12	264	18.942	18.942	(1.000)	141560	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

08/31/05
KU

Data File: S4A9436.D
Report Date: 31-Aug-2005 12:03

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9436.D
Lab Smp Id: D0926-18A Client Smp ID: SS10-S-O
Inj Date : 24-AUG-2005 20:34
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-18A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	12.000	% Moisture

ISTD		RT	AREA	AMOUNT
* 8	1,4-Dichlorobenzene-d4	5.755	469022	40.000
* 41	Acenaphthene-d10	11.438	680147	40.000
* 58	Phenanthrene-d10	13.611	700550	40.000
* 69	Chrysene-d12	17.027	728376	40.000
* 76	Perylene-d12	18.942	440593	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9436.D
Report Date: 31-Aug-2005 12:03

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Triethyl phosphate					CAS #: 78-40-0		
6.904	75851	6.46886500	120	97	NIST98.L	44295	8
Cyclic Alkane					CAS #:		
11.158	825650	48.5571501	920	0		0	41
Cyclic Alkane					CAS #:		
12.763	258744	14.7737635	280	0		0	58
Straight-Chain Alkane					CAS #:		
15.009	73862	4.21737206	80	0		0	58
Straight-Chain Alkane					CAS #:		
15.940	111218	6.10772458	120	0		0	69
Cyclic Alkane					CAS #:		
16.789	450403	24.7346425	470	0		0	69
Straight-Chain Alkane					CAS #:		
17.182	87830	4.82333300	91	0		0	69
Oxirane, heptadecyl-					CAS #: 67860-04-2		
17.337	109192	5.99646337	110	94	NIST98.L	107629	69
Straight-Chain Alkane					CAS #:		
17.565	384304	21.1047042	400	0		0	69
1-Docosene					CAS #: 1599-67-3		
17.586	669442	36.7635397	700	97	NIST98.L	121981	69
Branched Alkane					CAS #:		
17.958	170245	9.34929212	180	0		0	69
Squalene					CAS #: 7683-64-9		
18.062	146201	13.2731115	250	91	NIST98.L	158503	76
1,19-Eicosadiene					CAS #: 14811-95-1		
18.155	252413	22.9157522	430	94	NIST98.L	105306	76
Branched Alkane					CAS #:		
18.403	1338198	121.490627	2300	0		0	76
1-Eicosanol					CAS #: 629-96-9		
18.455	489680	44.4564485	840	89	NIST98.L	116747	76

Data File: S4A9436.D
Report Date: 31-Aug-2005 12:03

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Octadecanal					CAS #: 638-66-4		
18.621	81154	7.36770670	140	87	NIST98.L	99445	76
Straight-Chain Alkane					CAS #:		
18.890	75562	6.86002728	130	0		0	76
1,19-Eicosadiene					CAS #: 14811-95-1		
19.159	312656	28.3850175	540	94	NIST98.L	105306	76
Straight-Chain Alkane					CAS #:		
19.449	1115391	101.262707	1900	0		0	76
Unknown					CAS #:		
19.573	108969	9.89293974	190	0		0	76
Unknown					CAS #:		
19.614	160228	14.5465770	280	0		0	76
1,19-Eicosadiene					CAS #: 14811-95-1		
19.770	74527	6.76606301	130	93	NIST98.L	105307	76
Cholesterol					CAS #: 57-88-5		
20.091	169284	15.3687417	290	90	NIST98.L	153157	76
Oxirane, heptadecyl-					CAS #: 67860-04-2		
20.484	403883	36.6672190	690	93	NIST98.L	107629	76
Straight-Chain Alkane					CAS #:		
20.856	589535	53.5219579	1000	0		0	76
Unknown					CAS #:		
21.094	465271	42.2404351	800	0		0	76
.beta.-Sitosterol					CAS #: 83-46-5		
21.602	684771	62.1681234	1200	97	NIST98.L	159282	76
Unknown					CAS #:		
21.829	216036	19.6132031	370	0		0	76
Unknown					CAS #:		
22.078	213882	19.4176485	370	0		0	76
Unknown					CAS #:		
22.233	167225	15.1818118	290	0		0	76

Data File: S4A9436.D
Report Date: 31-Aug-2005 12:03

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
22.316	325266	29.5298382	560	0		0	76
Stigmast-4-en-3-one				CAS #:	1058-61-3		
22.906	523400	47.5177772	900	97	NIST98.L	158845	76
Unknown				CAS #:			
24.376	2459411	223.281895	4200	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9436.D

Date : 24-AUG-2005 20:34

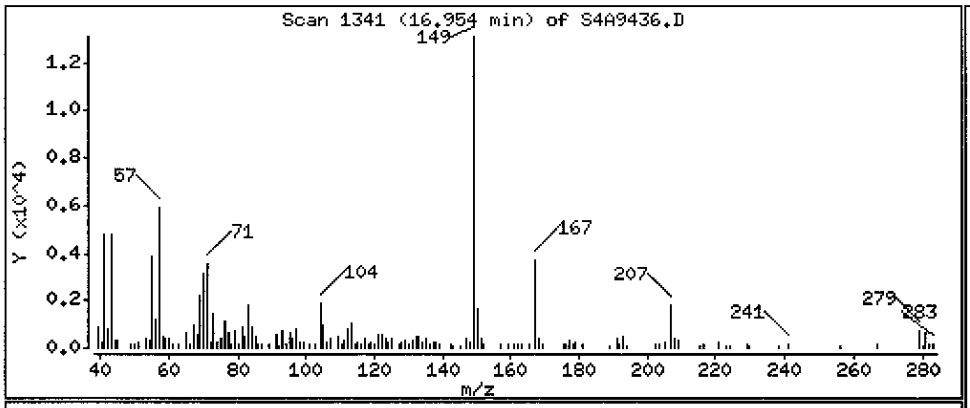
Client ID: SS10-S-0 Instrument: S4.i

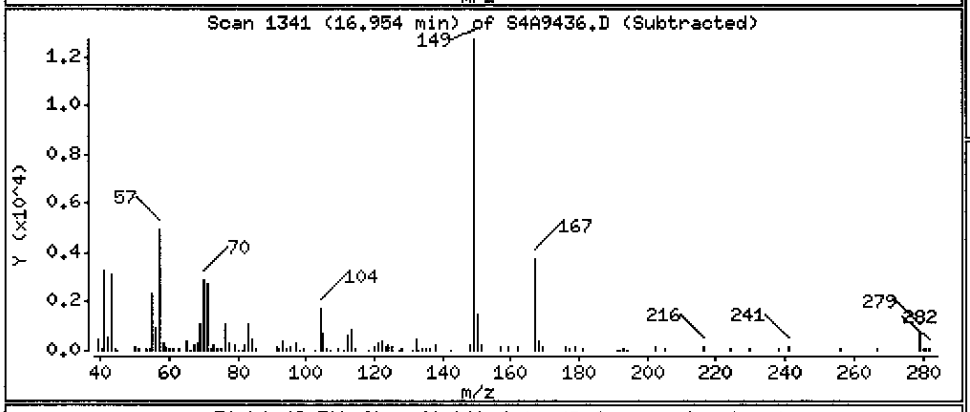
Sample Info: D0926-18A,,19468,,

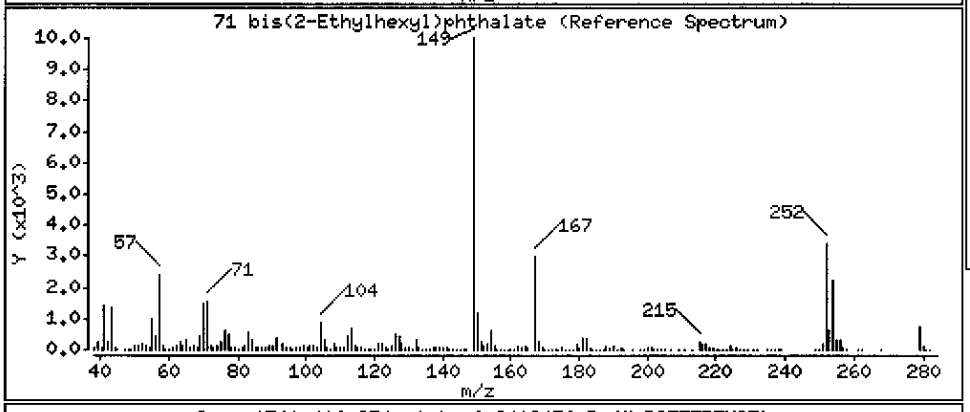
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

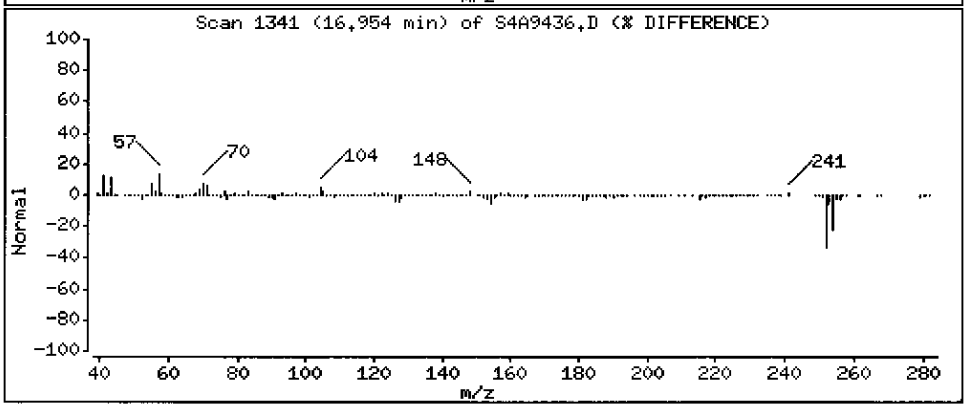
Column phase: DB-5MS Column diameter: 0.25

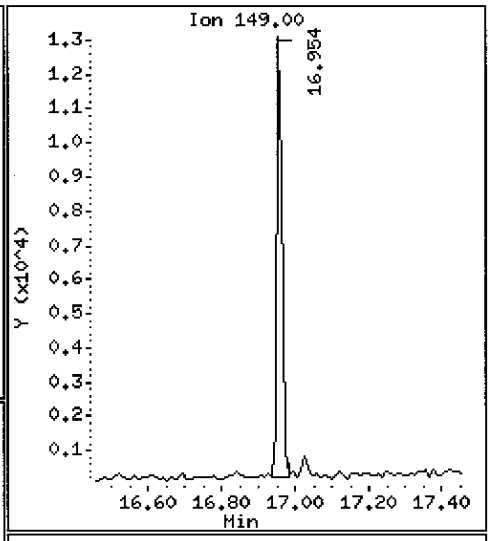
71 bis(2-Ethylhexyl)phthalate Concentration: 59 ug/Kg

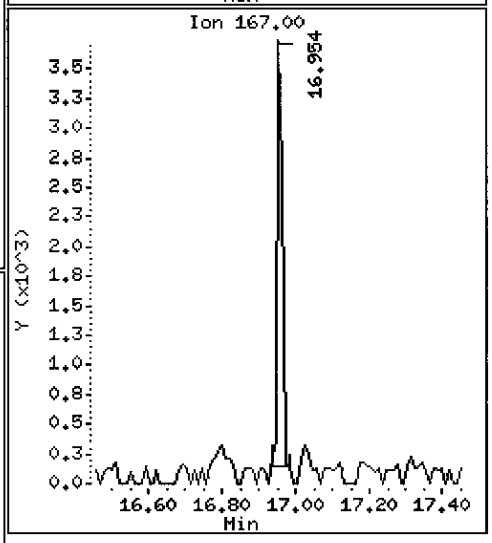












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9436.D

Date : 24-AUG-2005 20:34

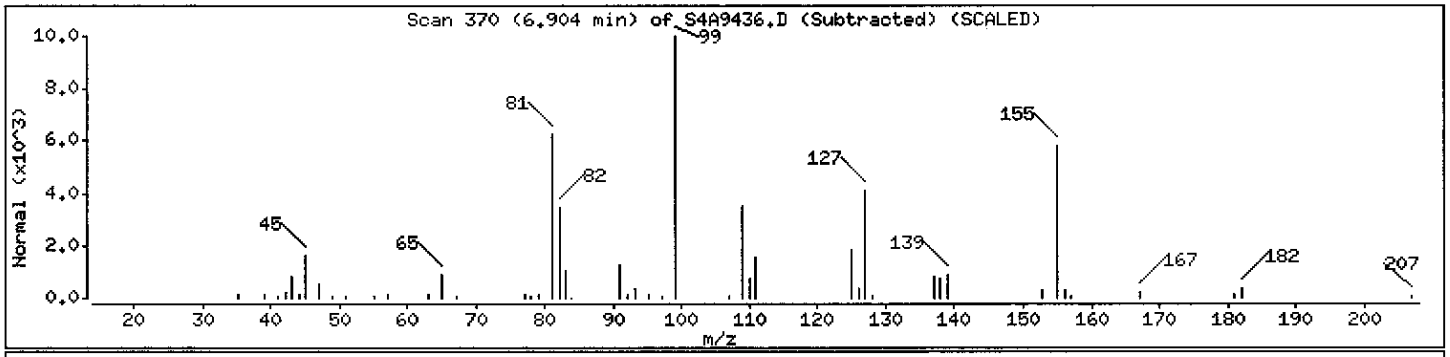
Client ID: SS10-S-0 Instrument: S4.i

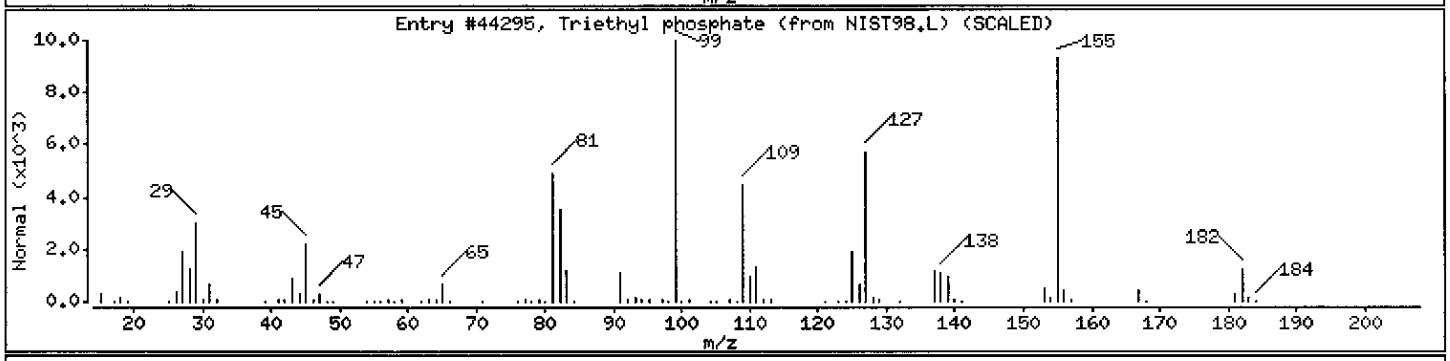
Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Triethyl phosphate	78-40-0	NIST98.L	44295	97	C6H15O4P	182





Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9436.D

Date : 24-AUG-2005 20:34

Client ID: SS10-S-O

Instrument: S4.i

Sample Info: D0926-18A,,19468,,

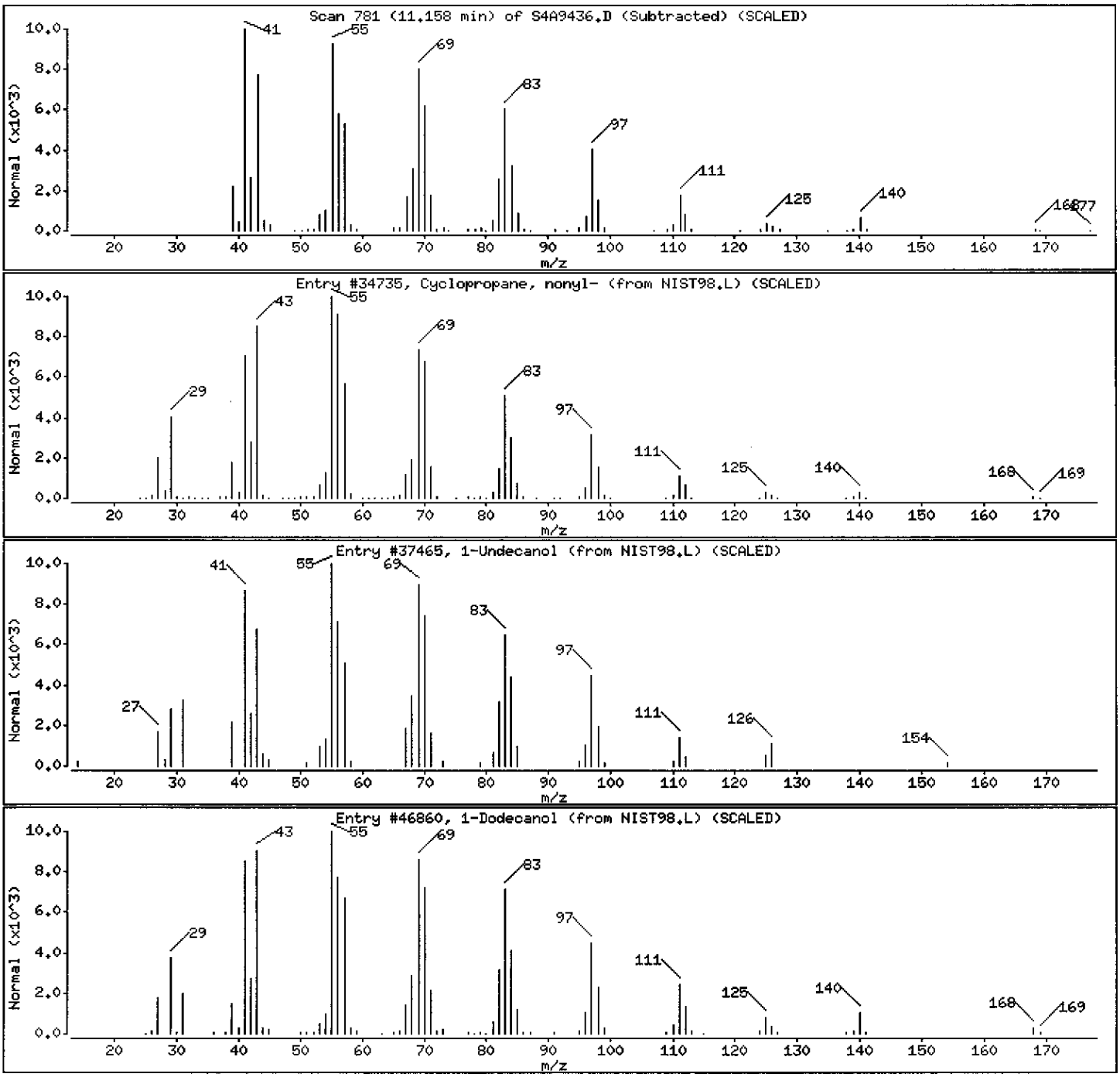
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclopropane, nonyl-	74663-85-7	NIST98.L	34735	93	C12H24	168
1-Undecanol	112-42-5	NIST98.L	37465	91	C11H240	172
1-Dodecanol	112-53-8	NIST98.L	46860	91	C12H260	186



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Date : 24-AUG-2005 20:34

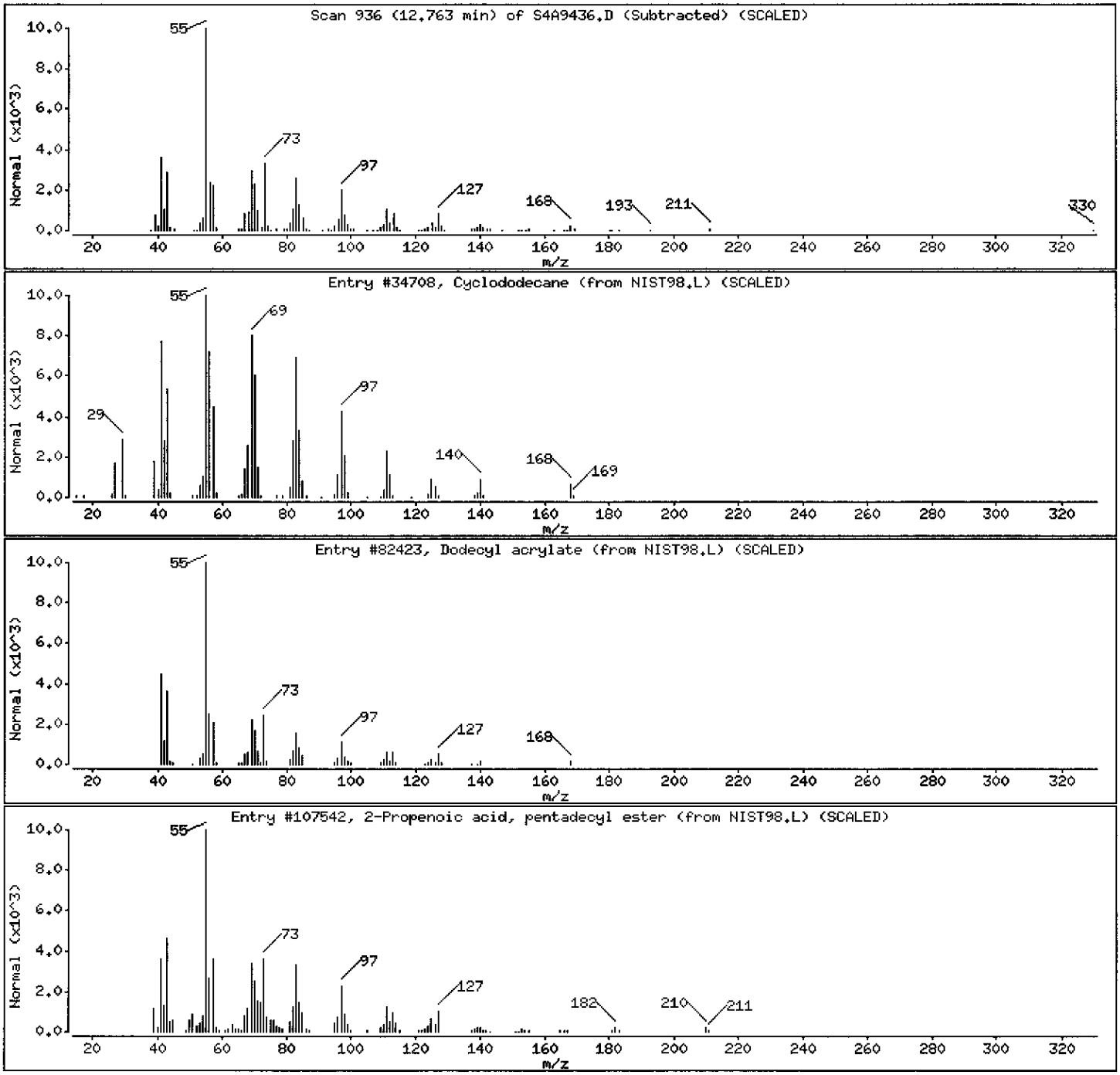
Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34708	92	C12H24	168
Dodecyl acrylate	2156-97-0	NIST98.L	82423	91	C15H2802	240
2-Propenoic acid, pentadecyl ester	43080-23-5	NIST98.L	107542	90	C18H3402	282



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Date : 24-AUG-2005 20:34

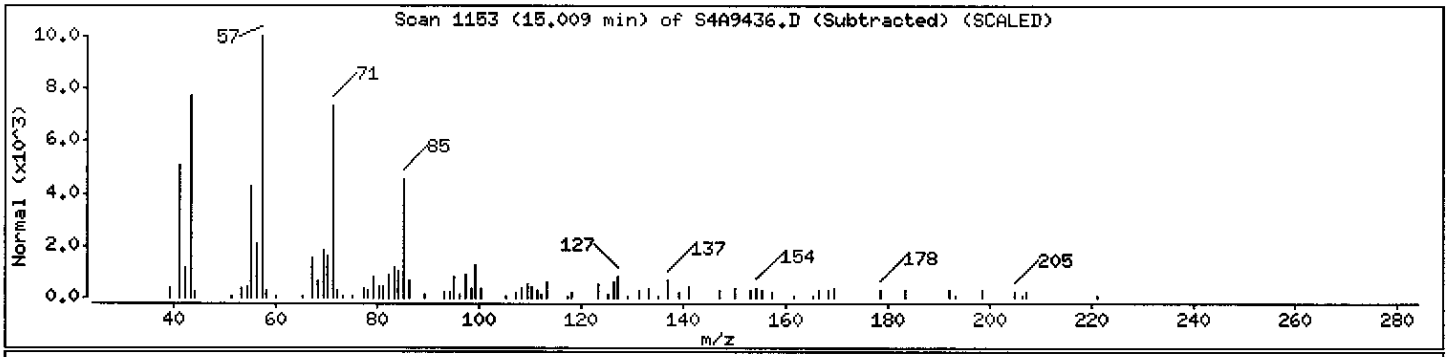
Client ID: SS10-S-0 Instrument: S4.i

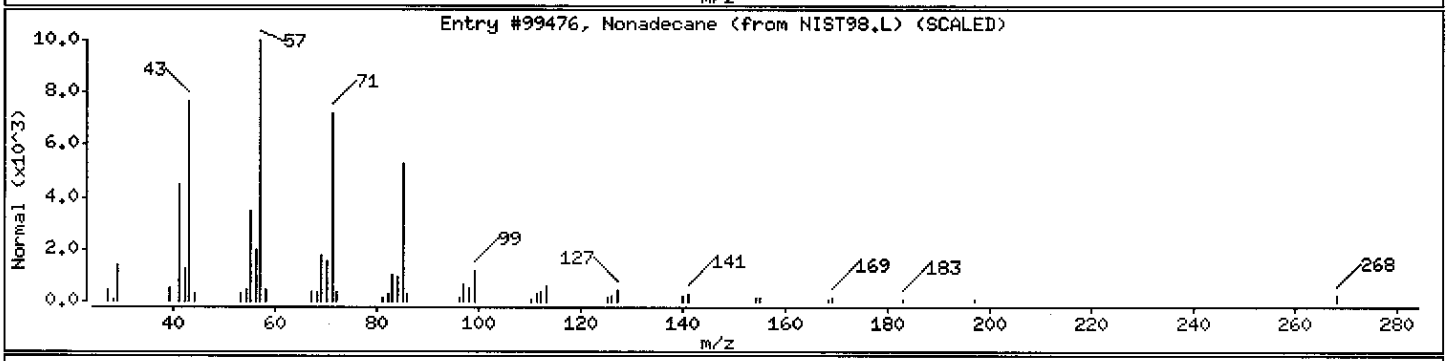
Sample Info: D0926-18A,,19468,,

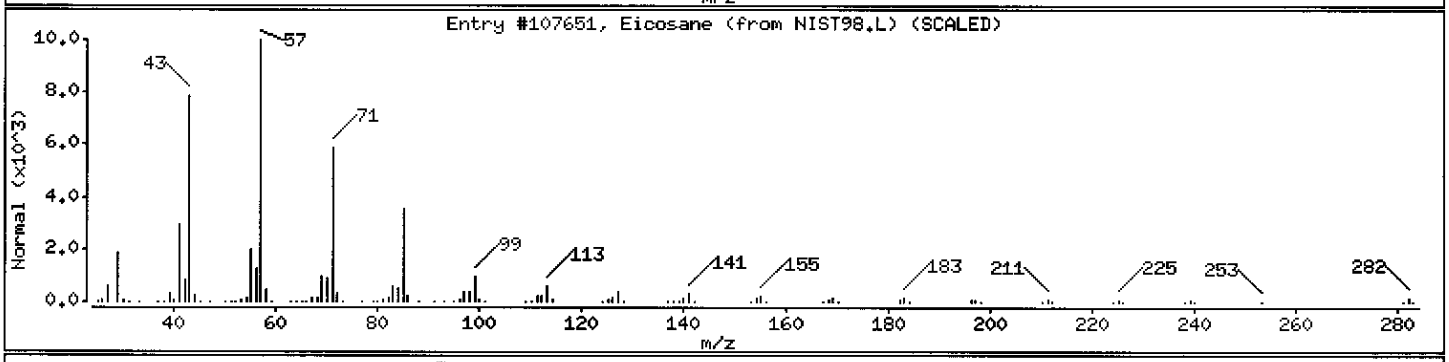
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

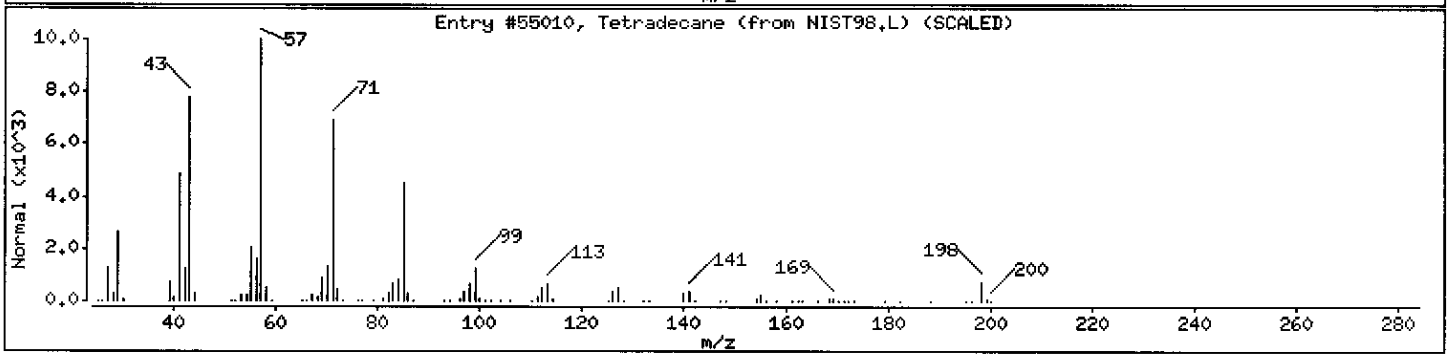
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Nonadecane	629-92-5	NIST98.L	99476	87	C19H40	268
Eicosane	112-95-8	NIST98.L	107651	86	C20H42	282
Tetradecane	629-59-4	NIST98.L	55010	86	C14H30	198









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Date : 24-AUG-2005 20:34

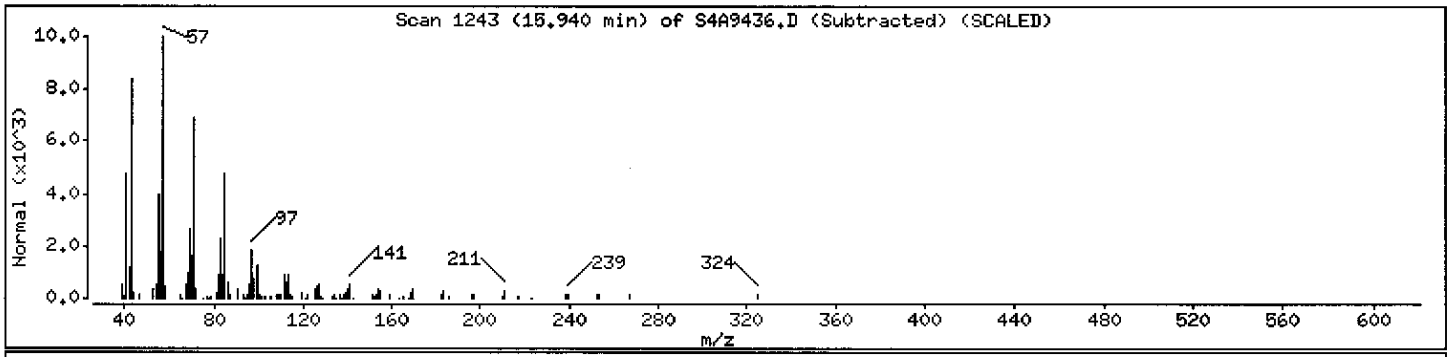
Client ID: SS10-S-0 Instrument: S4.i

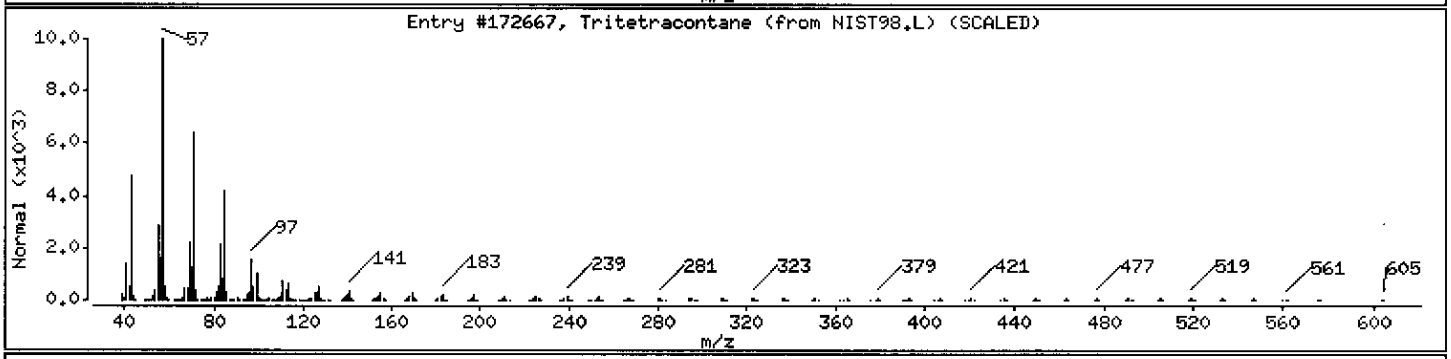
Sample Info: D0926-18A,,19468,,

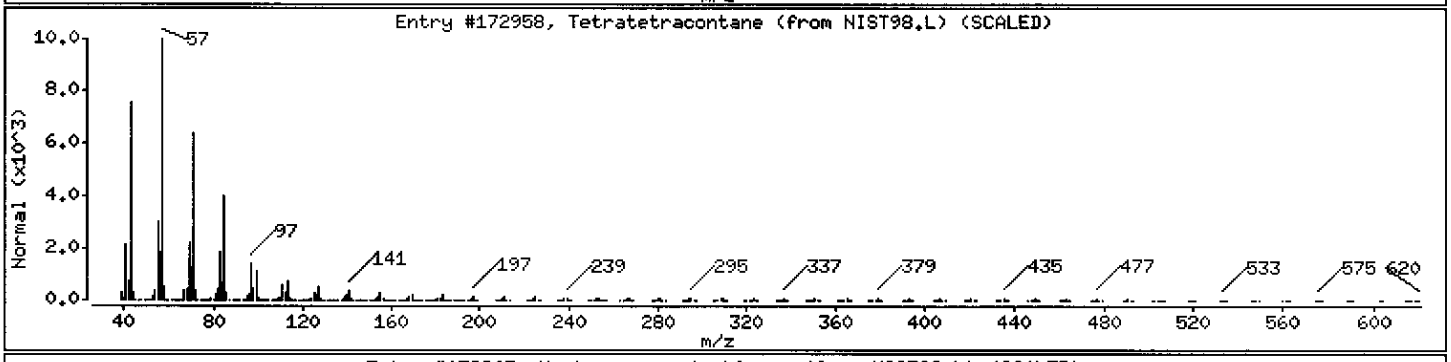
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

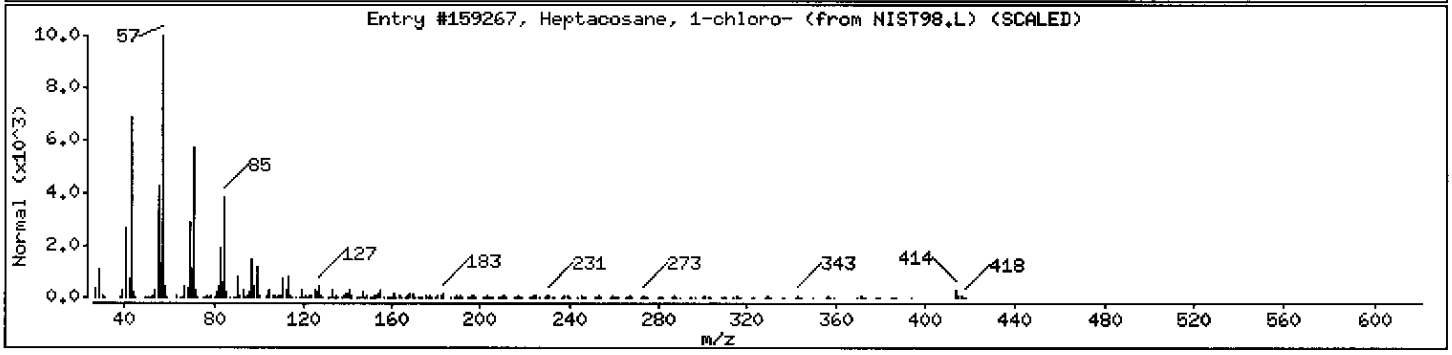
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Tritetracontane	7098-21-7	NIST98.L	172667	91	C43H88	605
Tetratetracontane	7098-22-8	NIST98.L	172958	91	C44H90	619
Heptacosane, 1-chloro-	62016-79-9	NIST98.L	159267	91	C27H55Cl	414









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Date : 24-AUG-2005 20:34

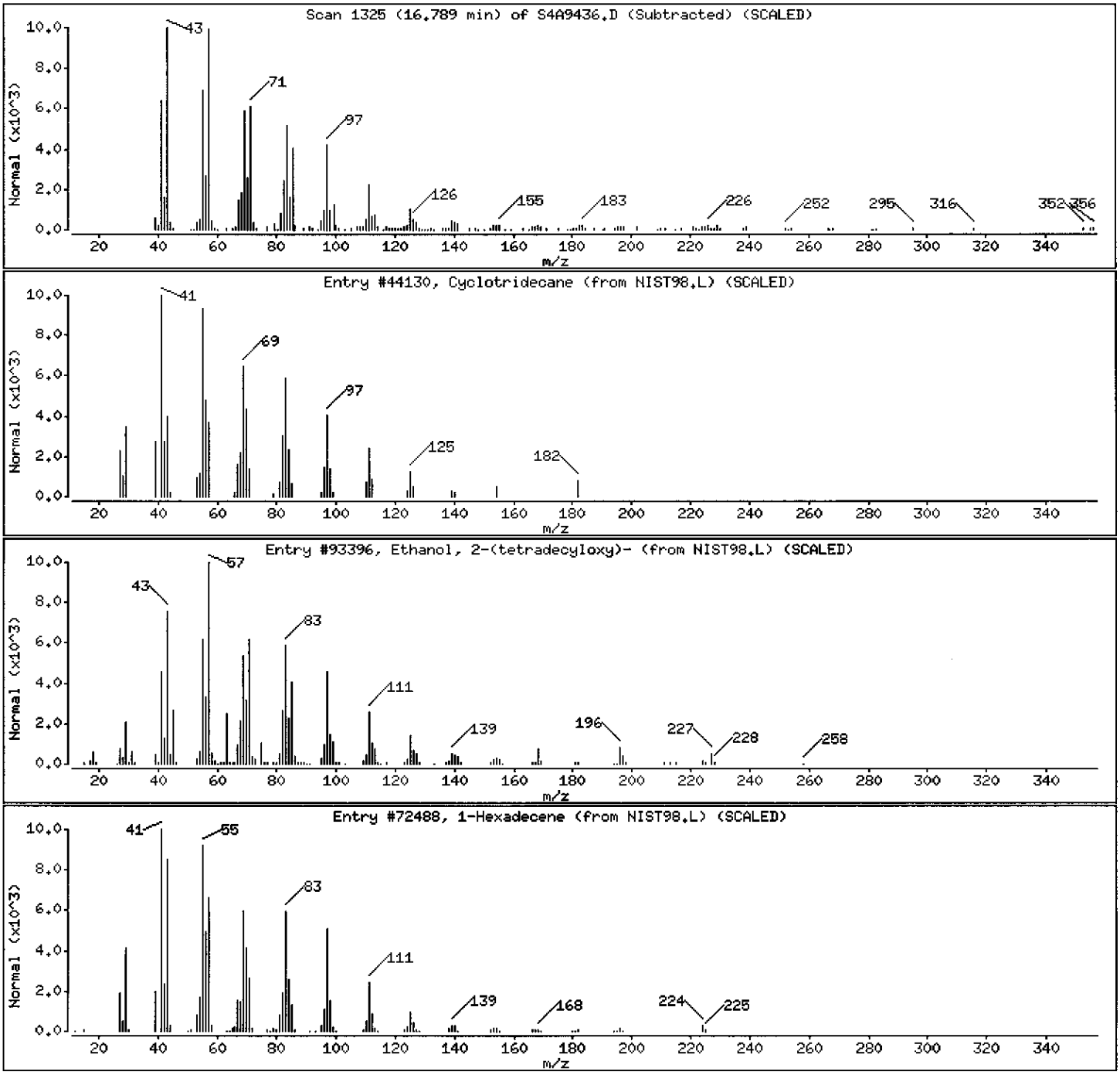
Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclotridecane	295-02-3	NIST98.L	44130	90	C13H26	182
Ethanol, 2-(tetradecyloxy)-	2136-70-1	NIST98.L	93396	90	C16H34O2	258
1-Hexadecene	629-73-2	NIST98.L	72488	86	C16H32	224



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Date : 24-AUG-2005 20:34

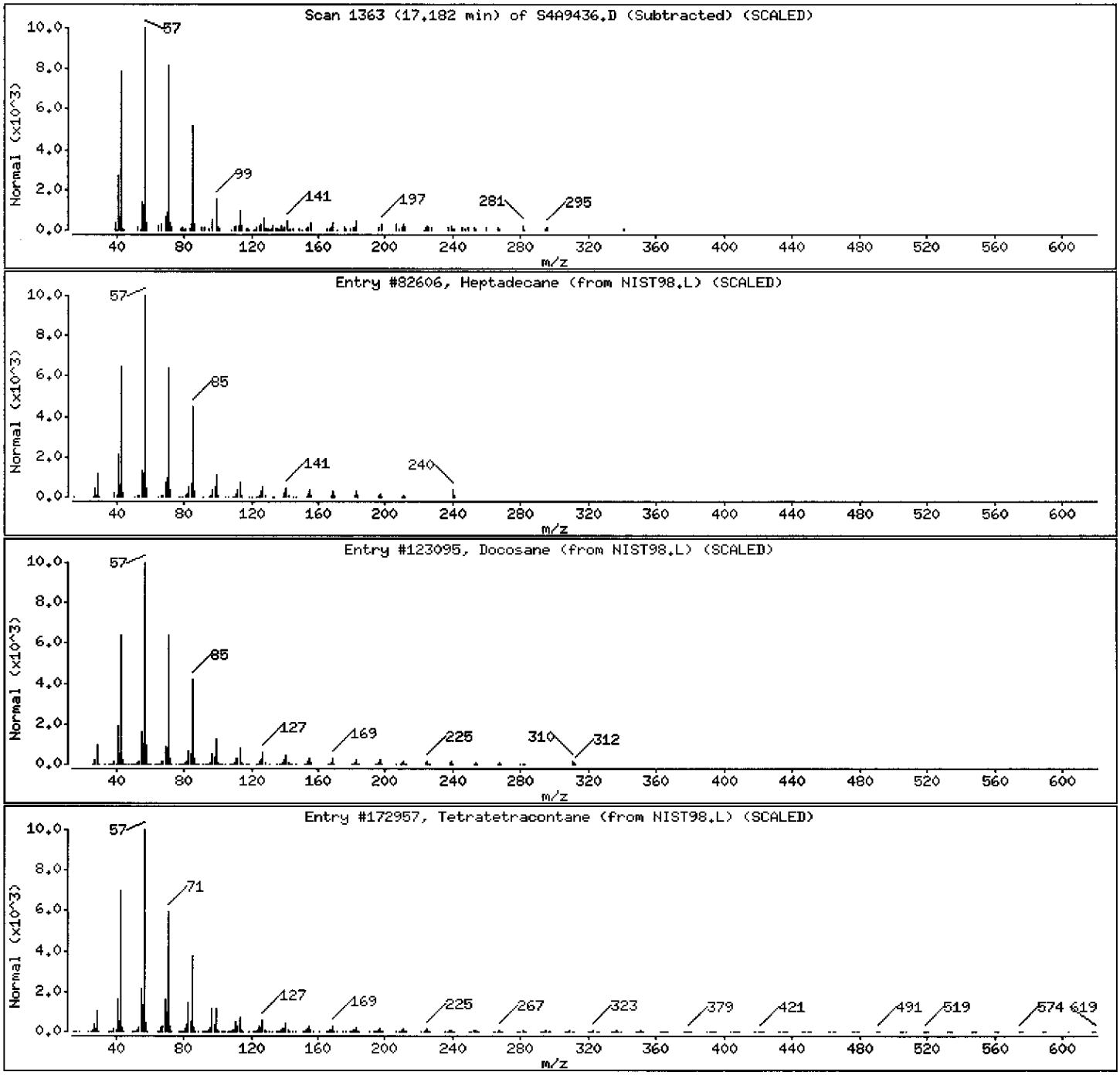
Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Heptadecane	629-78-7	NIST98.L	82606	90	C17H36	240
Docosane	629-97-0	NIST98.L	123095	87	C22H46	310
Tetratetracontane	7098-22-8	NIST98.L	172957	86	C44H90	619



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Date : 24-AUG-2005 20:34

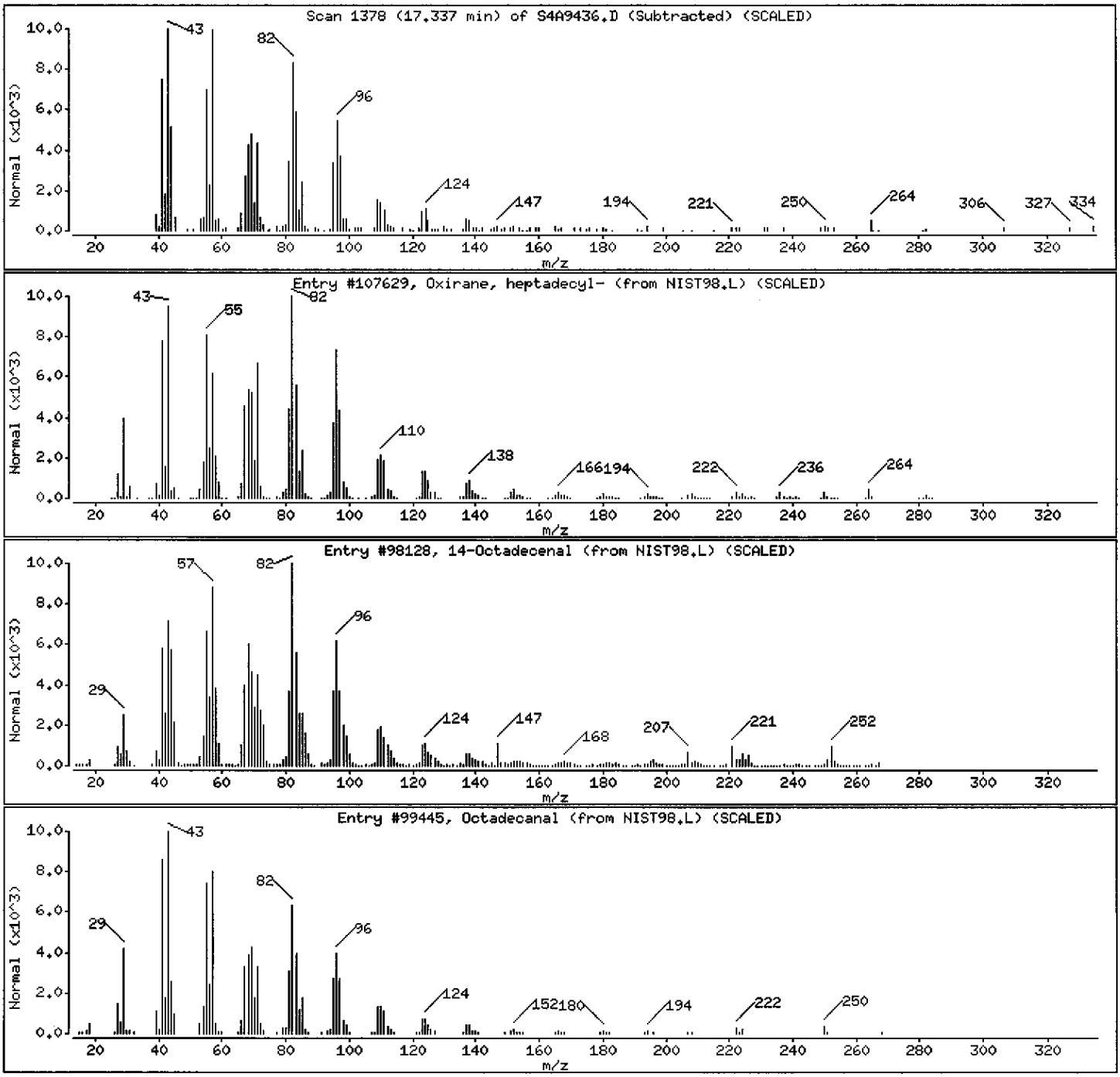
Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Oxirane, heptadecyl-	67860-04-2	NIST98.L	107629	94	C19H380	282
14-Octadecenal	56554-89-3	NIST98.L	98128	87	C18H340	266
Octadecanal	638-66-4	NIST98.L	99445	80	C18H360	268



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Date : 24-AUG-2005 20:34

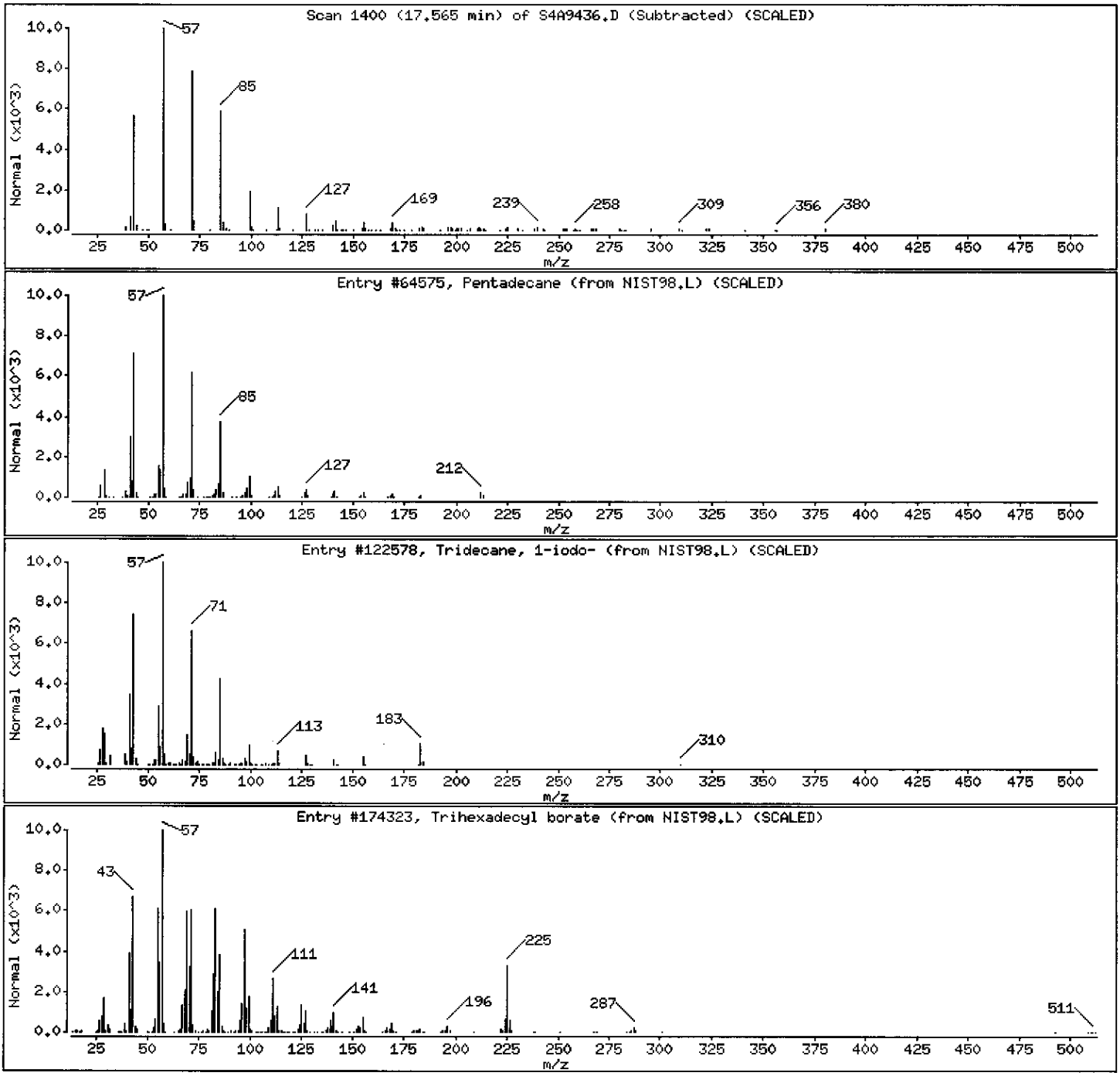
Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Pentadecane	629-62-9	NIST98.L	64575	91	C15H32	212
Tridecane, 1-iodo-	35599-77-0	NIST98.L	122578	91	C13H27I	310
Trihexadecyl borate	2665-11-4	NIST98.L	174323	90	C48H99BO3	735



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9436.D

Date : 24-AUG-2005 20:34

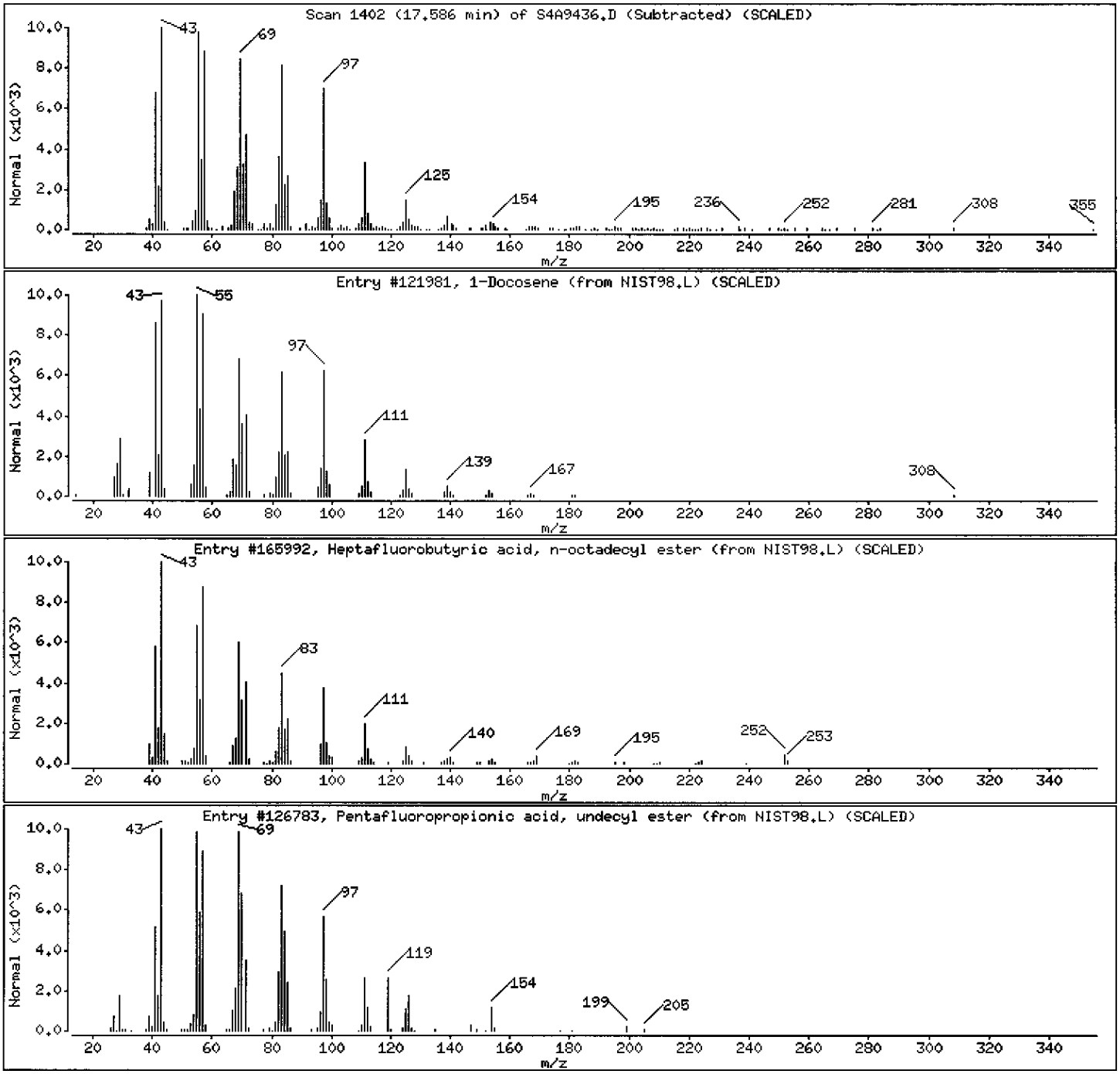
Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Docosene	1599-67-3	NIST98.L	121981	97	C22H44	308
Heptafluorobutyric acid, n-octadecyl est	400-57-7	NIST98.L	165992	81	C22H37F7O2	466
Pentafluoropropionic acid, undecyl ester	1000283-04-0	NIST98.L	126783	80	C14H23F5O2	318



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9436.D

Date : 24-AUG-2005 20:34

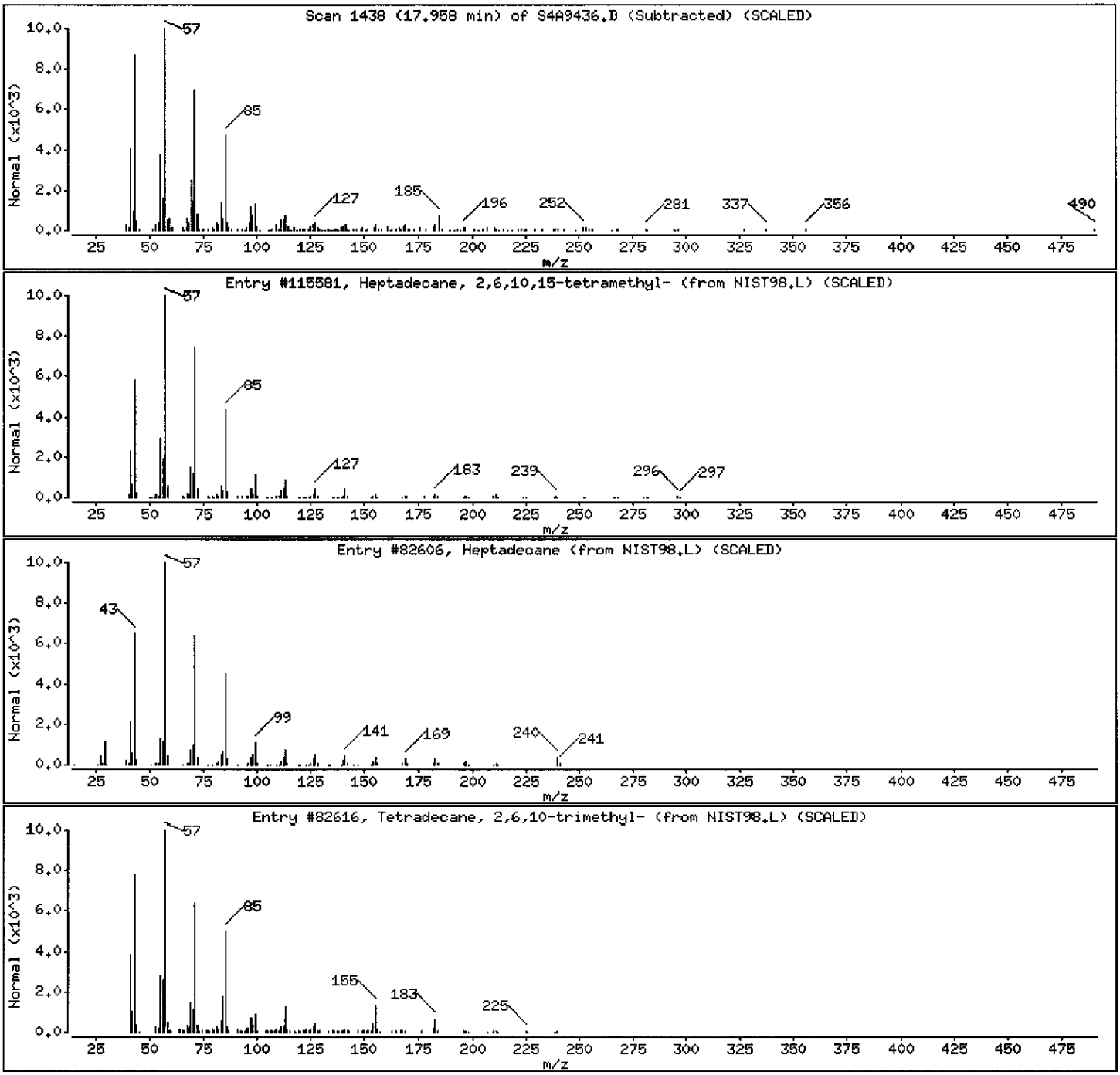
Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST98.L	115581	95	C21H44	296
Heptadecane	629-78-7	NIST98.L	82606	94	C17H36	240
Tetradecane, 2,6,10-trimethyl-	14905-56-7	NIST98.L	82616	87	C17H36	240



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Date : 24-AUG-2005 20:34

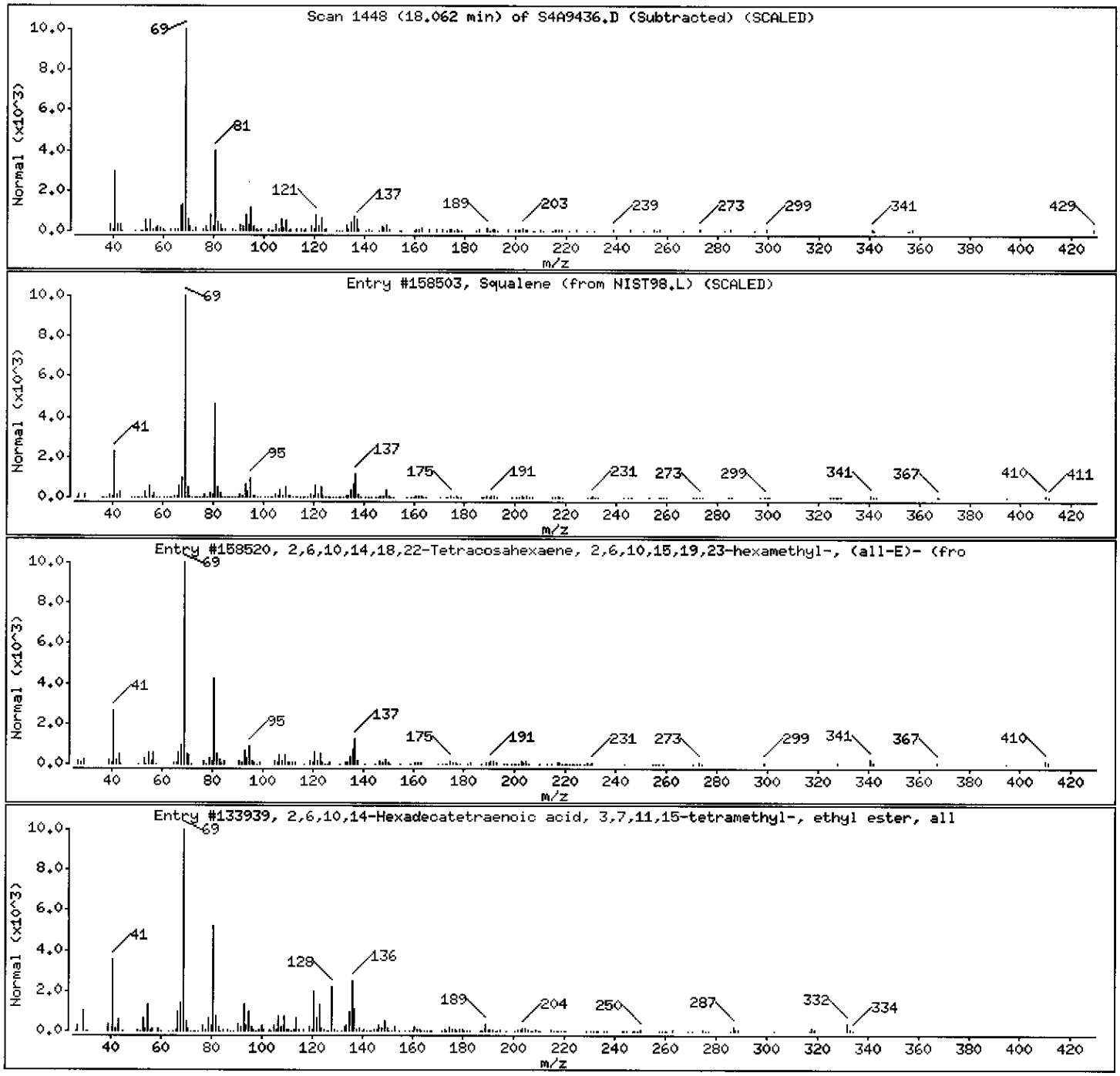
Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Squalene	7683-64-9	NIST98.L	158503	91	C30H50	410
2,6,10,14,18,22-Tetracosahexaene, 2,6,10	111-02-4	NIST98.L	158520	90	C30H50	410
2,6,10,14-Hexadecatetraenoic acid, 3,7,1	24035-35-6	NIST98.L	133939	83	C22H3602	332



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Date : 24-AUG-2005 20:34

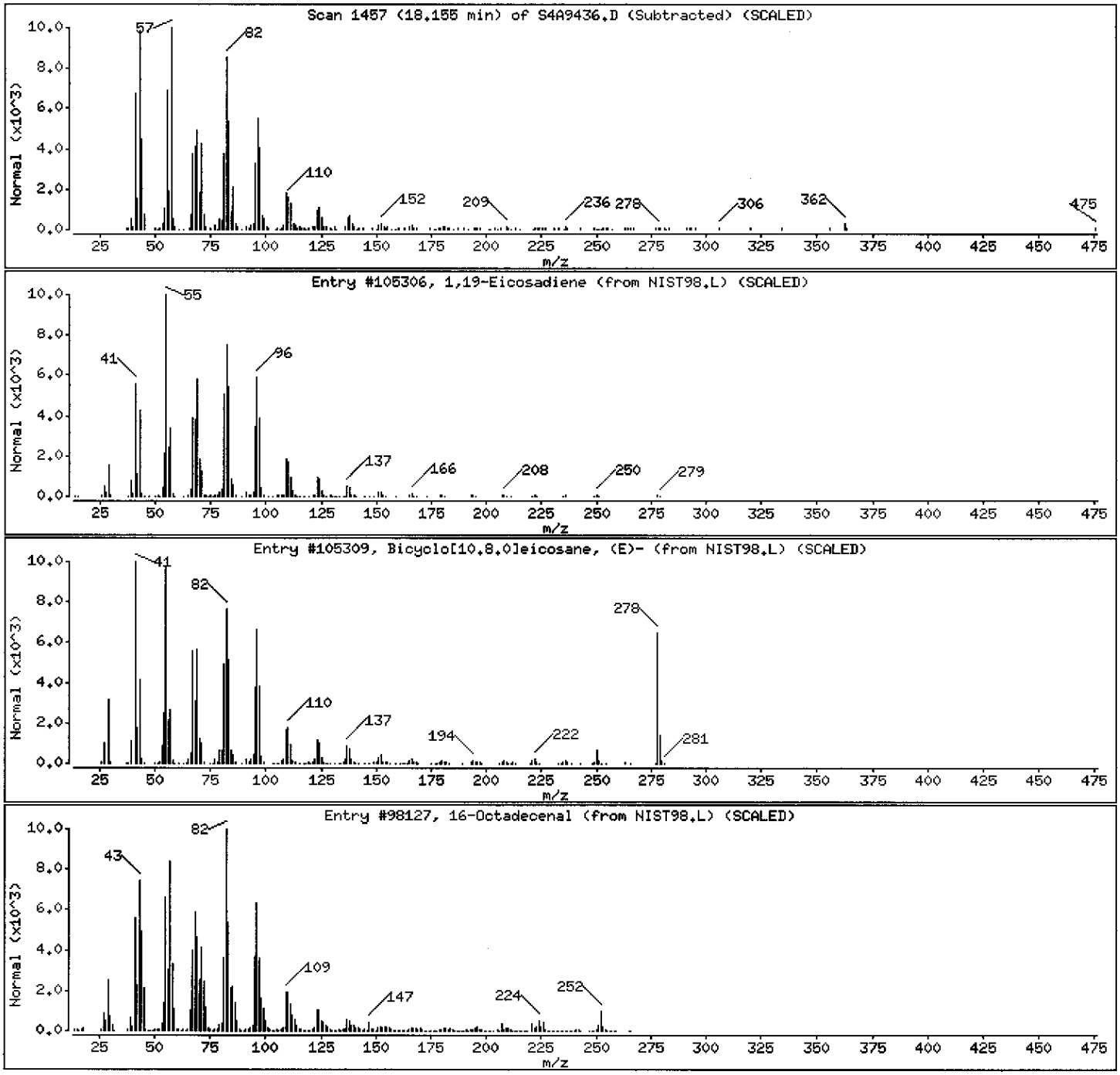
Client ID: SS10-S-O Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1,19-Eicosadiene	14811-95-1	NIST98.L	105306	94	C20H38	278
Bicyclo[10.8.0]eicosane, (E)-	1000155-85-0	NIST98.L	105309	87	C20H38	278
16-Octadecenal	56554-87-1	NIST98.L	98127	87	C18H34O	266



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Date : 24-AUG-2005 20:34

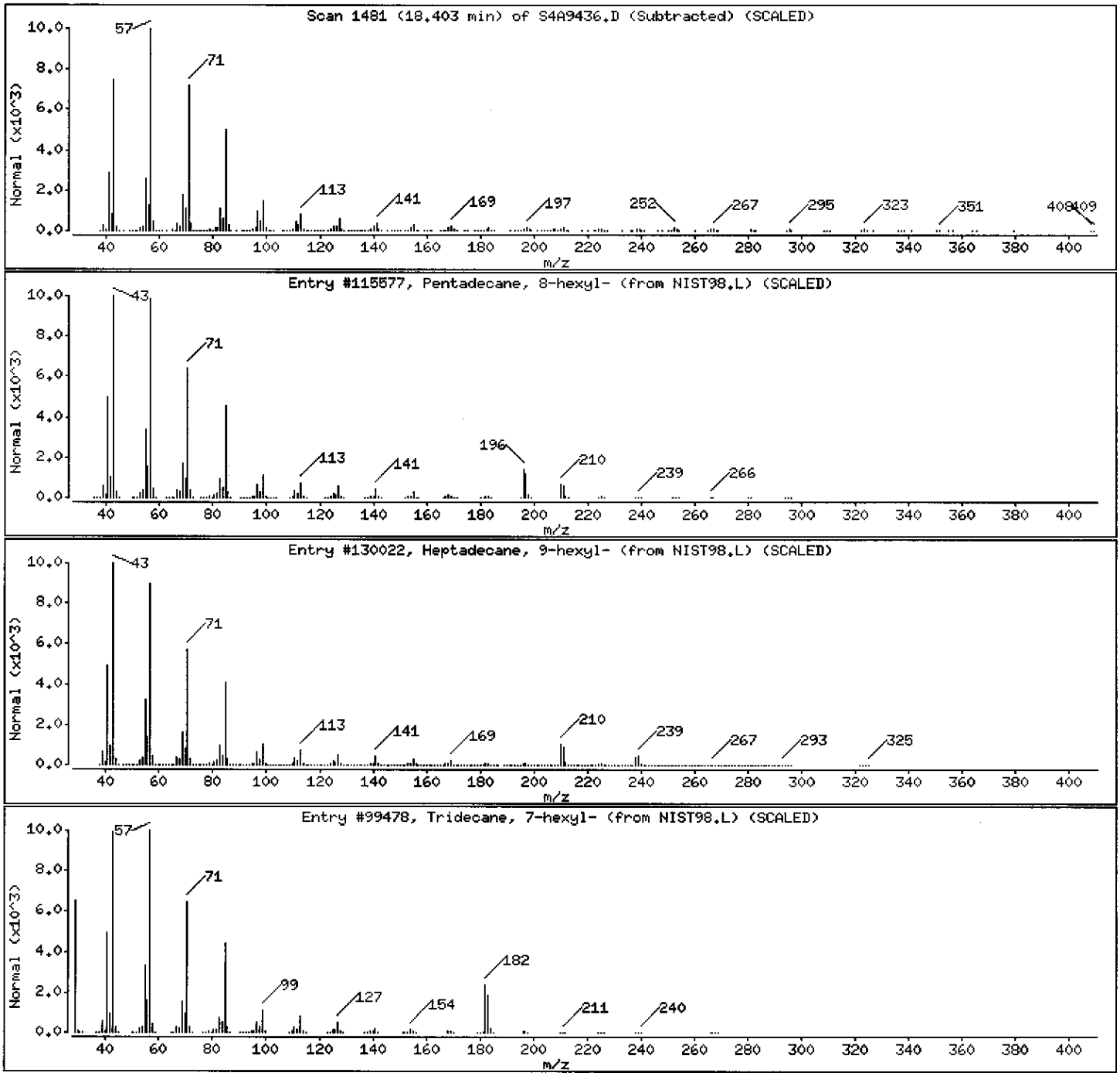
Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Pentadecane, 8-hexyl-	13475-75-7	NIST98.L	115577	94	C21H44	296
Heptadecane, 9-hexyl-	55124-79-3	NIST98.L	130022	94	C23H48	324
Tridecane, 7-hexyl-	7225-66-3	NIST98.L	99478	93	C19H40	268



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Date : 24-AUG-2005 20:34

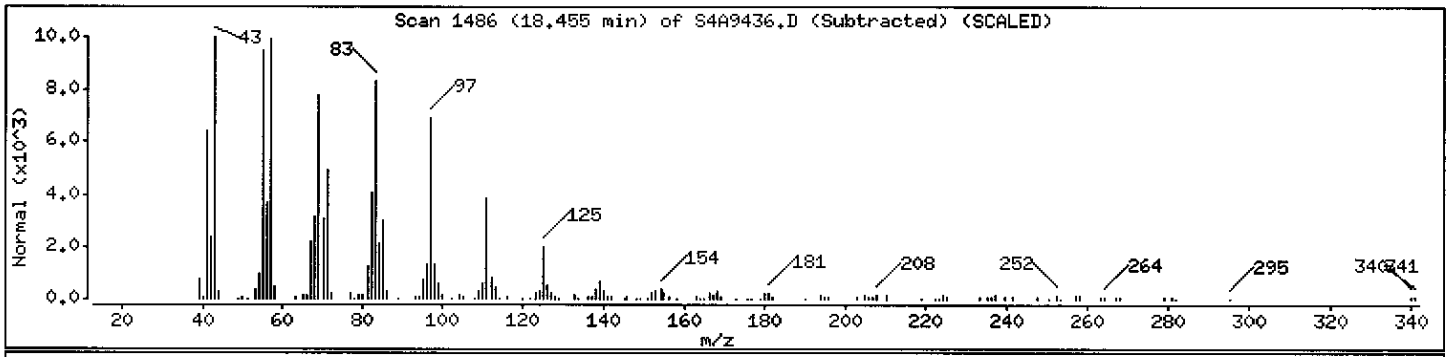
Client ID: SS10-S-O Instrument: S4.i

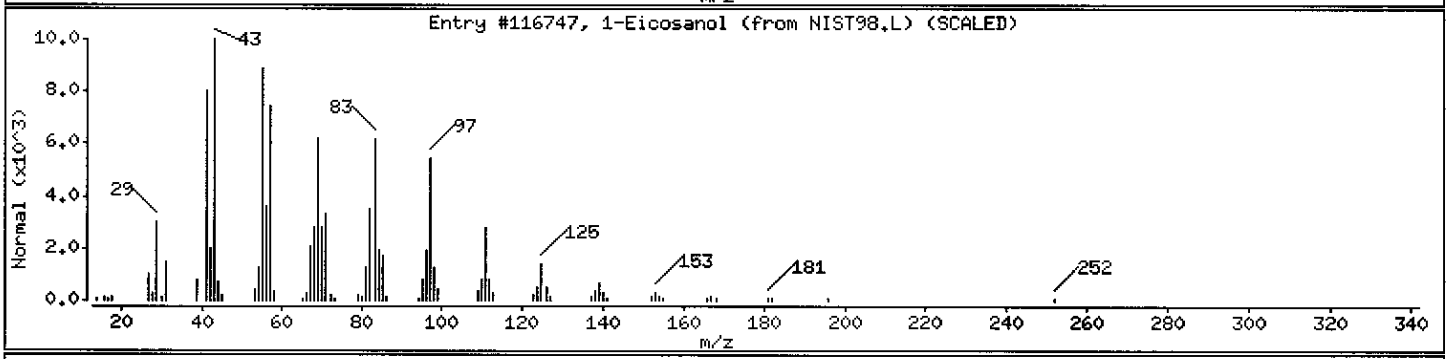
Sample Info: D0926-18A,,19468,,

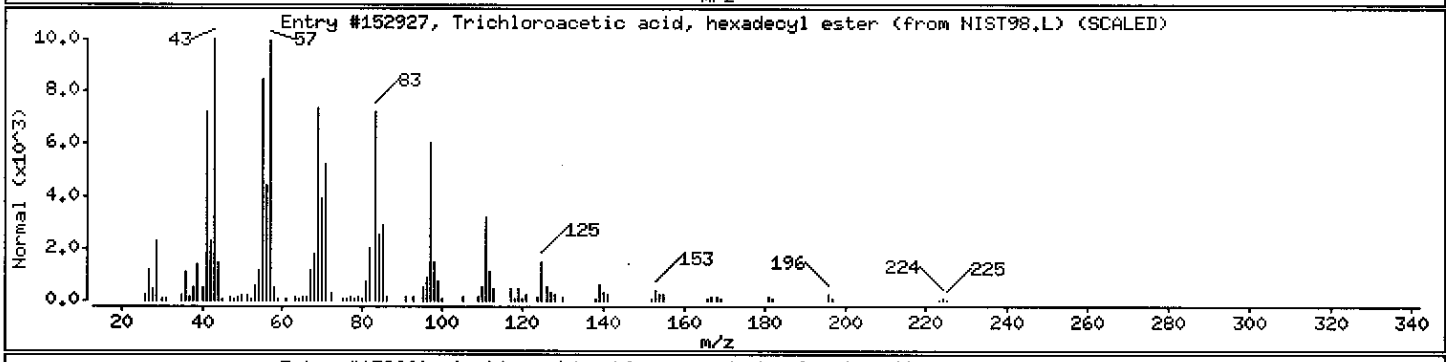
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

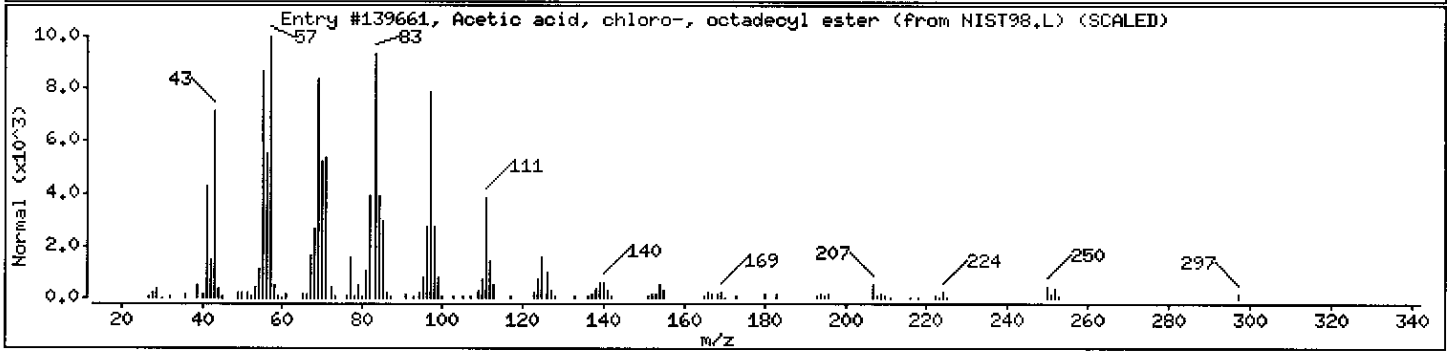
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Eicosanol	629-96-9	NIST98.L	116747	89	C20H42O	298
Trichloroacetic acid, hexadecyl ester	74339-54-1	NIST98.L	152927	87	C18H33Cl3O2	386
Acetic acid, chloro-, octadecyl ester	5348-82-3	NIST98.L	139661	87	C20H39ClO2	346









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Date : 24-AUG-2005 20:34

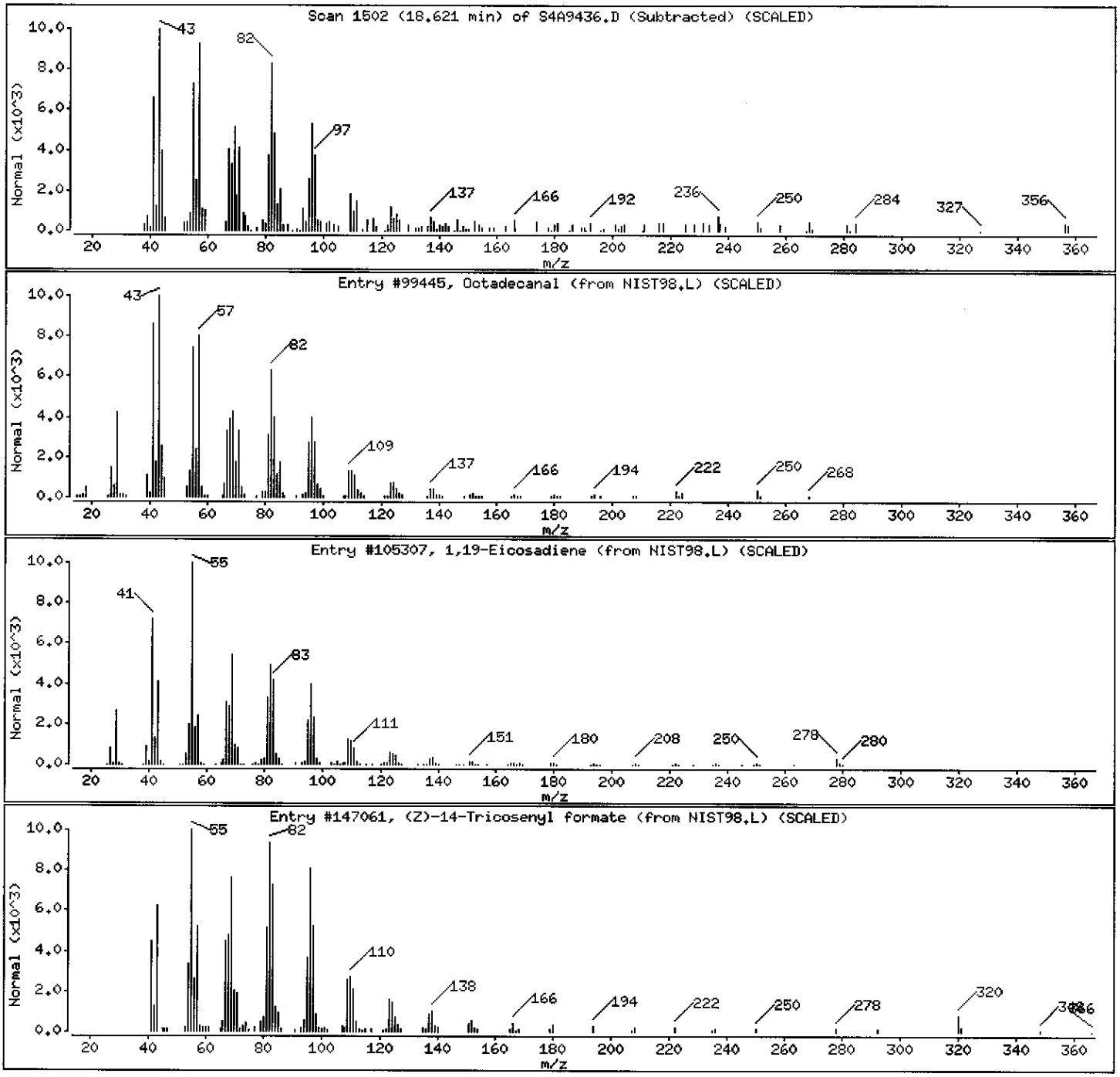
Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octadecanal	638-66-4	NIST98.L	99445	87	C18H36O	268
1,19-Eicosadiene	14811-95-1	NIST98.L	105307	62	C20H38	278
(Z)-14-Tricosenyl formate	77899-10-6	NIST98.L	147061	58	C24H46O2	366



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Date : 24-AUG-2005 20:34

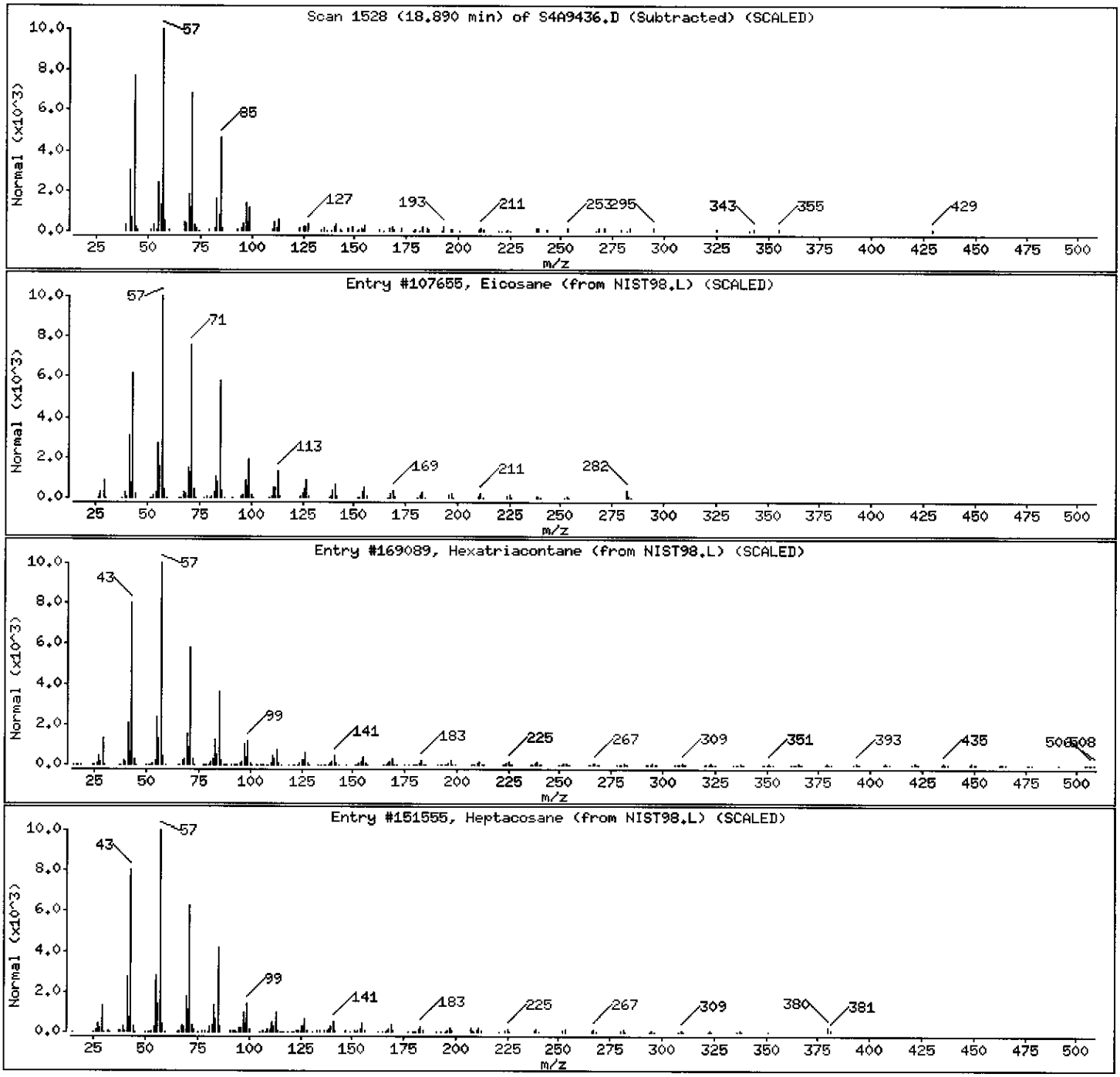
Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Eicosane	112-95-8	NIST98.L	107655	91	C20H42	282
Hexatriacontane	630-06-8	NIST98.L	169089	87	C36H74	507
Heptacosane	593-49-7	NIST98.L	151555	86	C27H56	380



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Date : 24-AUG-2005 20:34

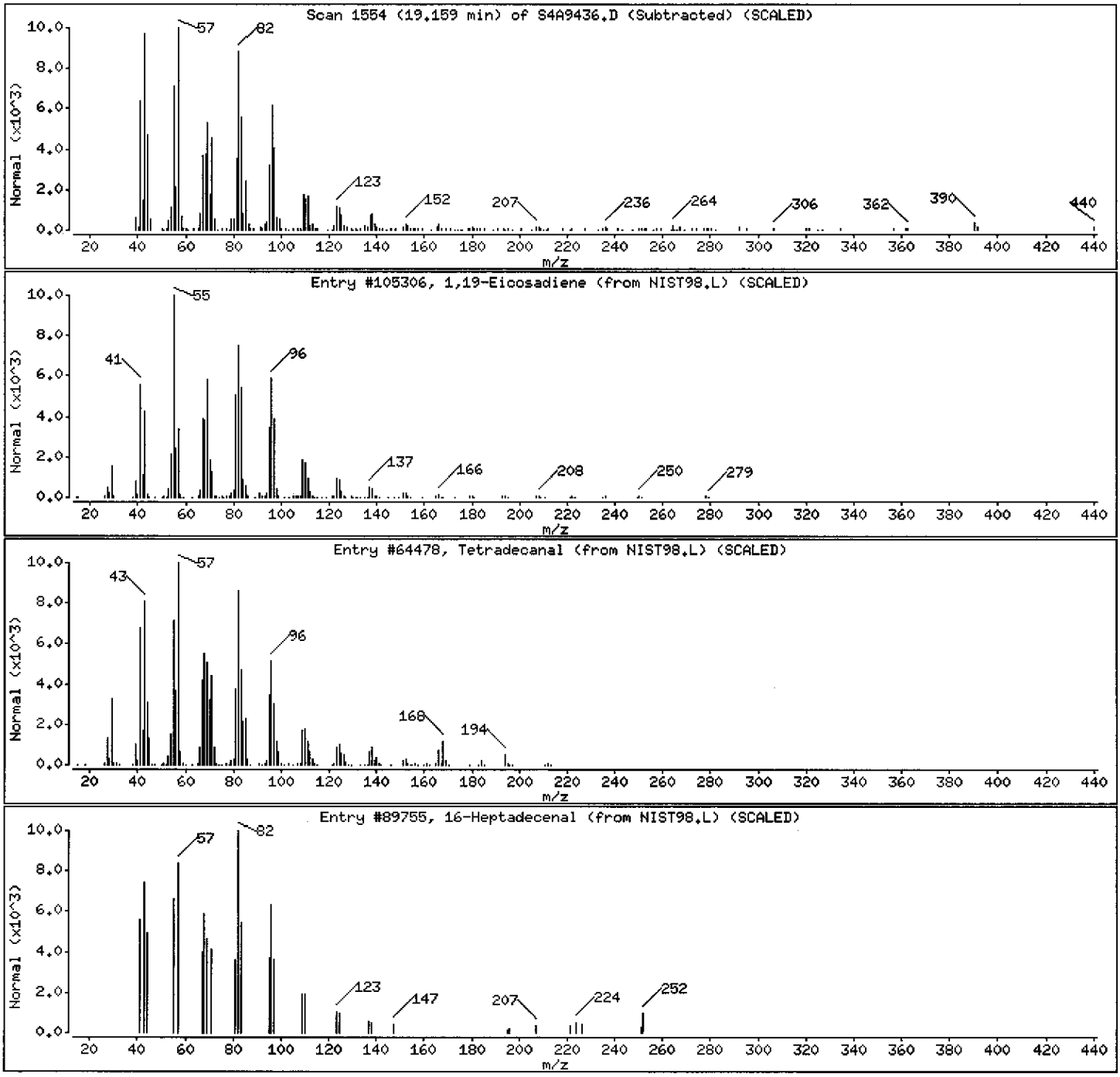
Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1,19-Eicosadiene	14811-95-1	NIST98.L	105306	94	C20H38	278
Tetradecanal	124-25-4	NIST98.L	64478	93	C14H28O	212
16-Heptadecenal	1000144-57-9	NIST98.L	89755	93	C17H32O	252



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Date : 24-AUG-2005 20:34

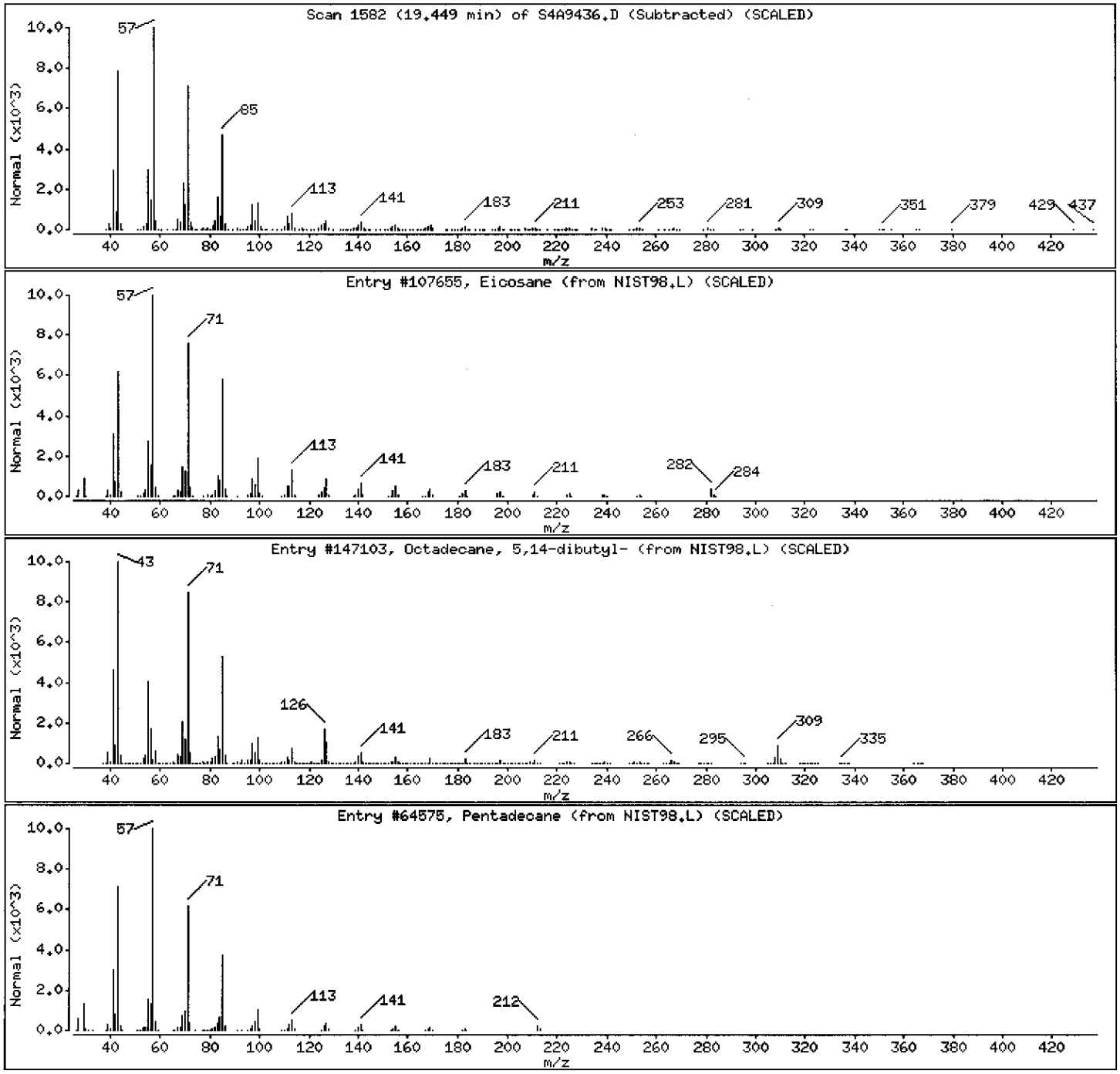
Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Eicosane	112-95-8	NIST98.L	107655	97	C20H42	282
Octadecane, 5,14-dibutyl-	55282-13-8	NIST98.L	147103	93	C26H54	366
Pentadecane	629-62-9	NIST98.L	64575	93	C15H32	212



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Date : 24-AUG-2005 20:34

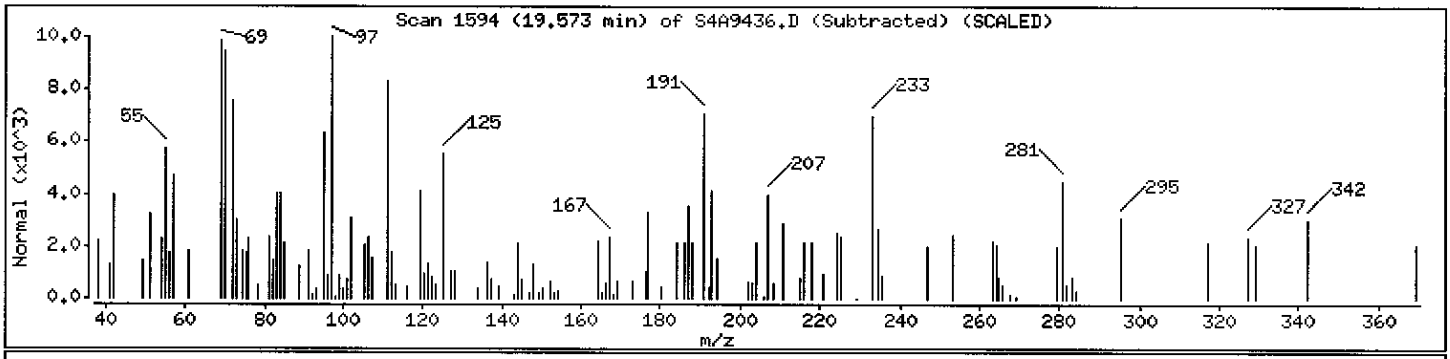
Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 24-AUG-2005 20:34

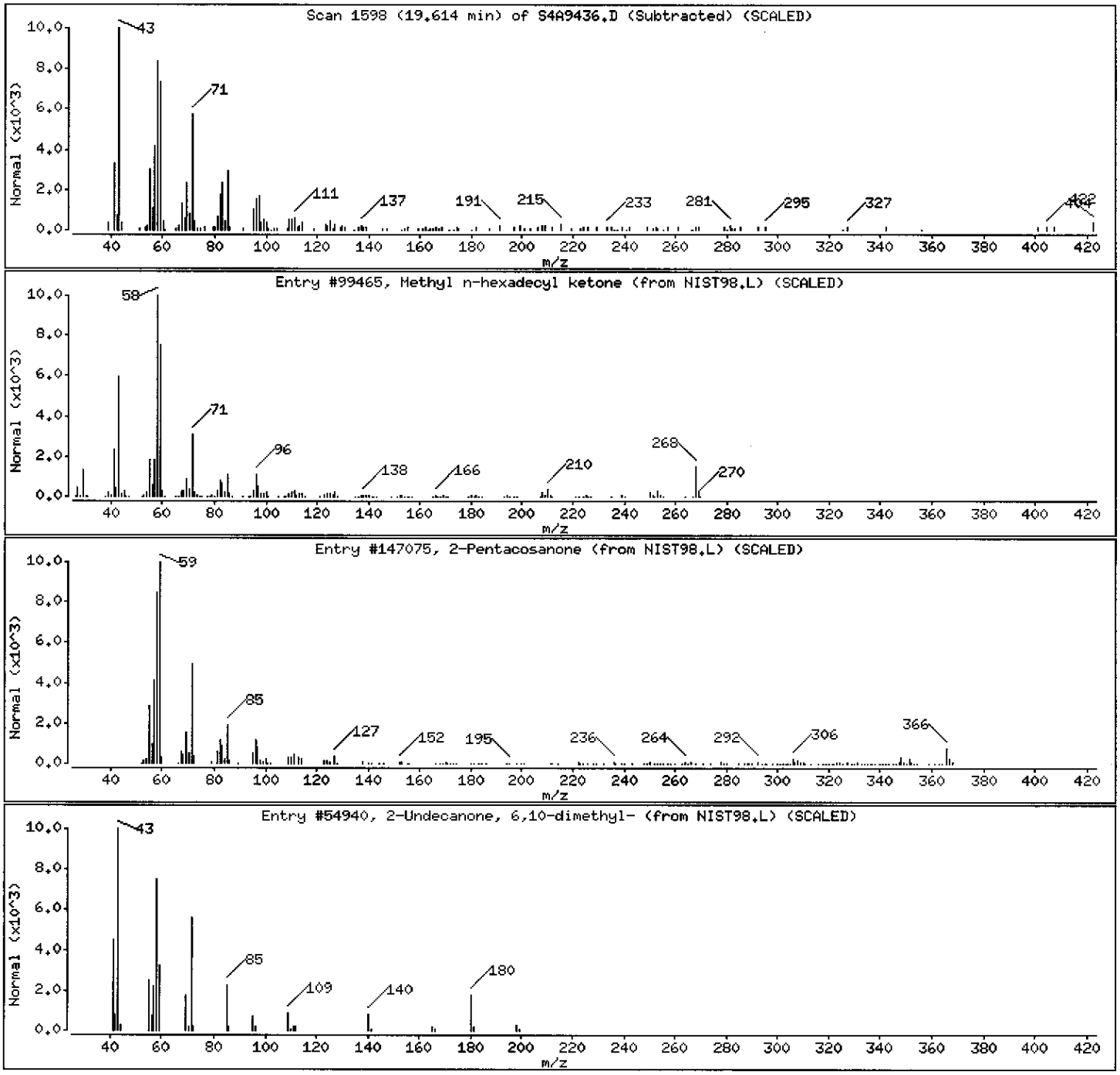
Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Methyl n-hexadecyl ketone	7373-13-9	NIST98.L	99465	64	C18H36O	268
2-Pentacosanone	75207-54-4	NIST98.L	147075	64	C25H50O	366
2-Undecanone, 6,10-dimethyl-	1604-34-8	NIST98.L	54940	40	C13H26O	198



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Date : 24-AUG-2005 20:34

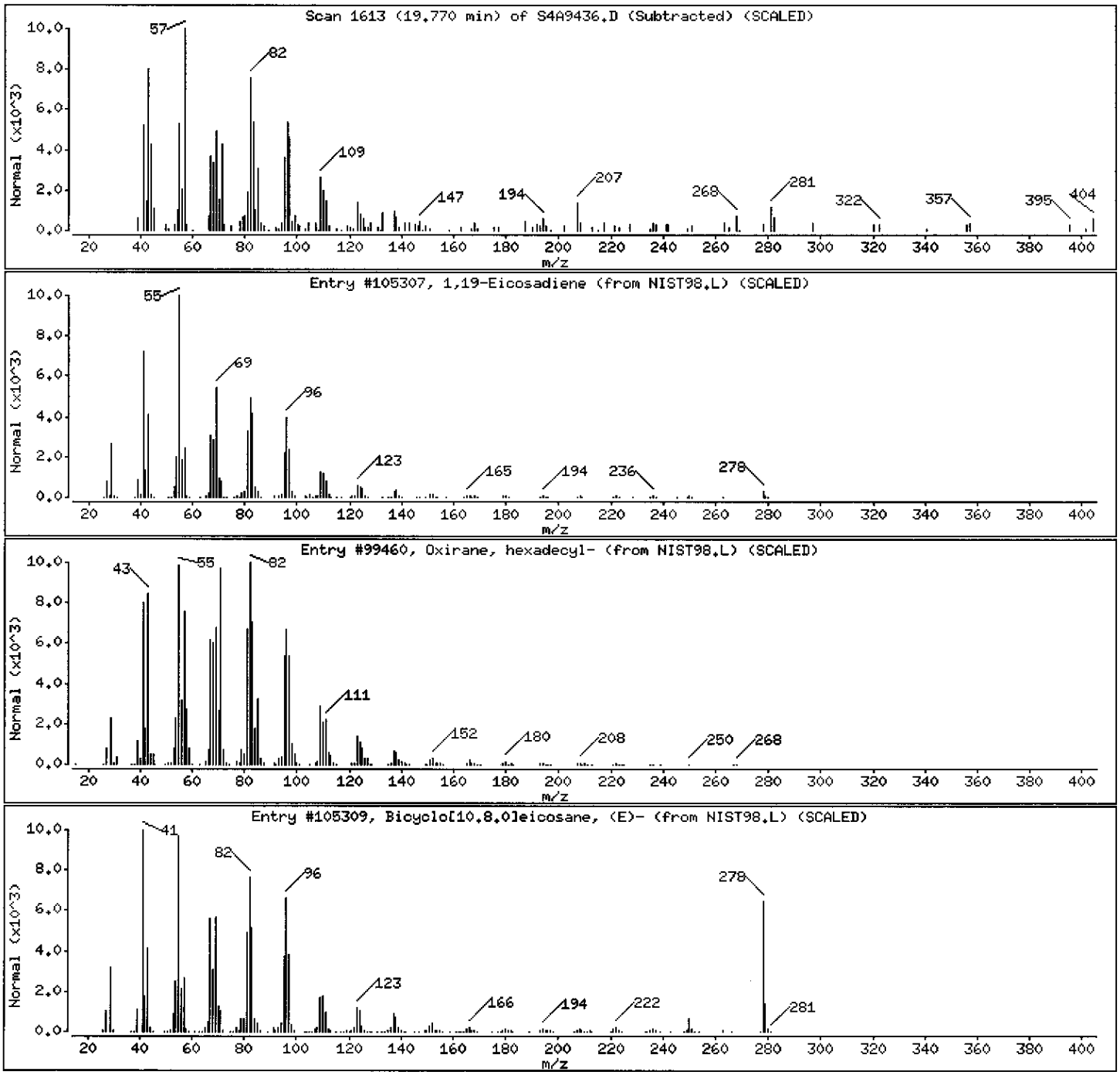
Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1,19-Eicosadiene	14811-95-1	NIST98.L	105307	93	C20H38	278
Oxirane, hexadecyl-	7390-81-0	NIST98.L	99460	86	C18H36O	268
Bicyclo[10.8.0]eicosane, (E)-	1000155-85-0	NIST98.L	105309	83	C20H38	278



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Date : 24-AUG-2005 20:34

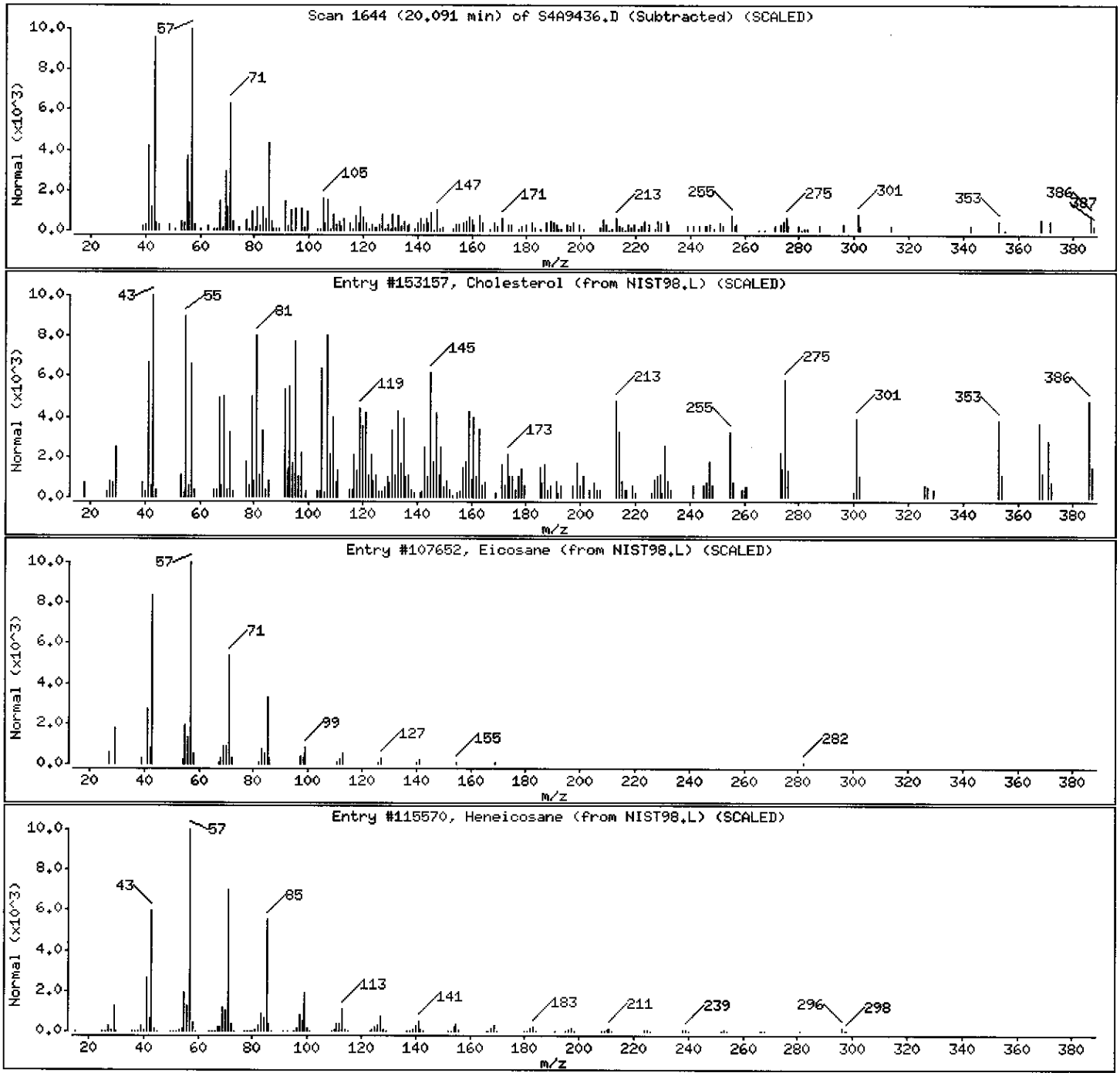
Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cholesterol	57-88-5	NIST98.L	153157	90	C27H460	386
Eicosane	112-95-8	NIST98.L	107652	83	C20H42	282
Heneicosane	629-94-7	NIST98.L	115570	64	C21H44	296



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Date : 24-AUG-2005 20:34

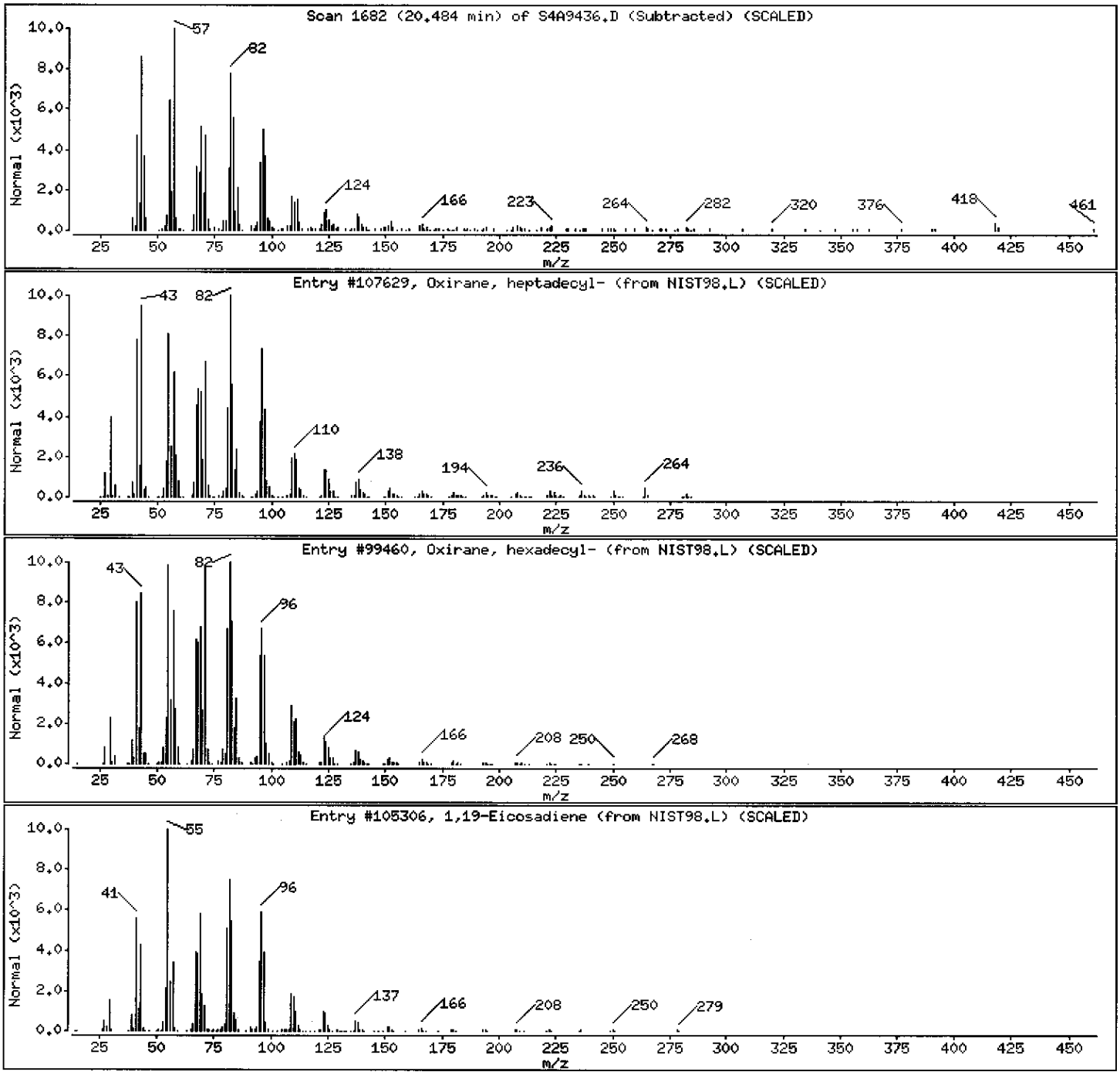
Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Oxirane, heptadecyl-	67860-04-2	NIST98.L	107629	93	C19H380	282
Oxirane, hexadecyl-	7390-81-0	NIST98.L	99460	91	C18H360	268
1,19-Eicosadiene	14811-95-1	NIST98.L	105306	87	C20H38	278



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Date : 24-AUG-2005 20:34

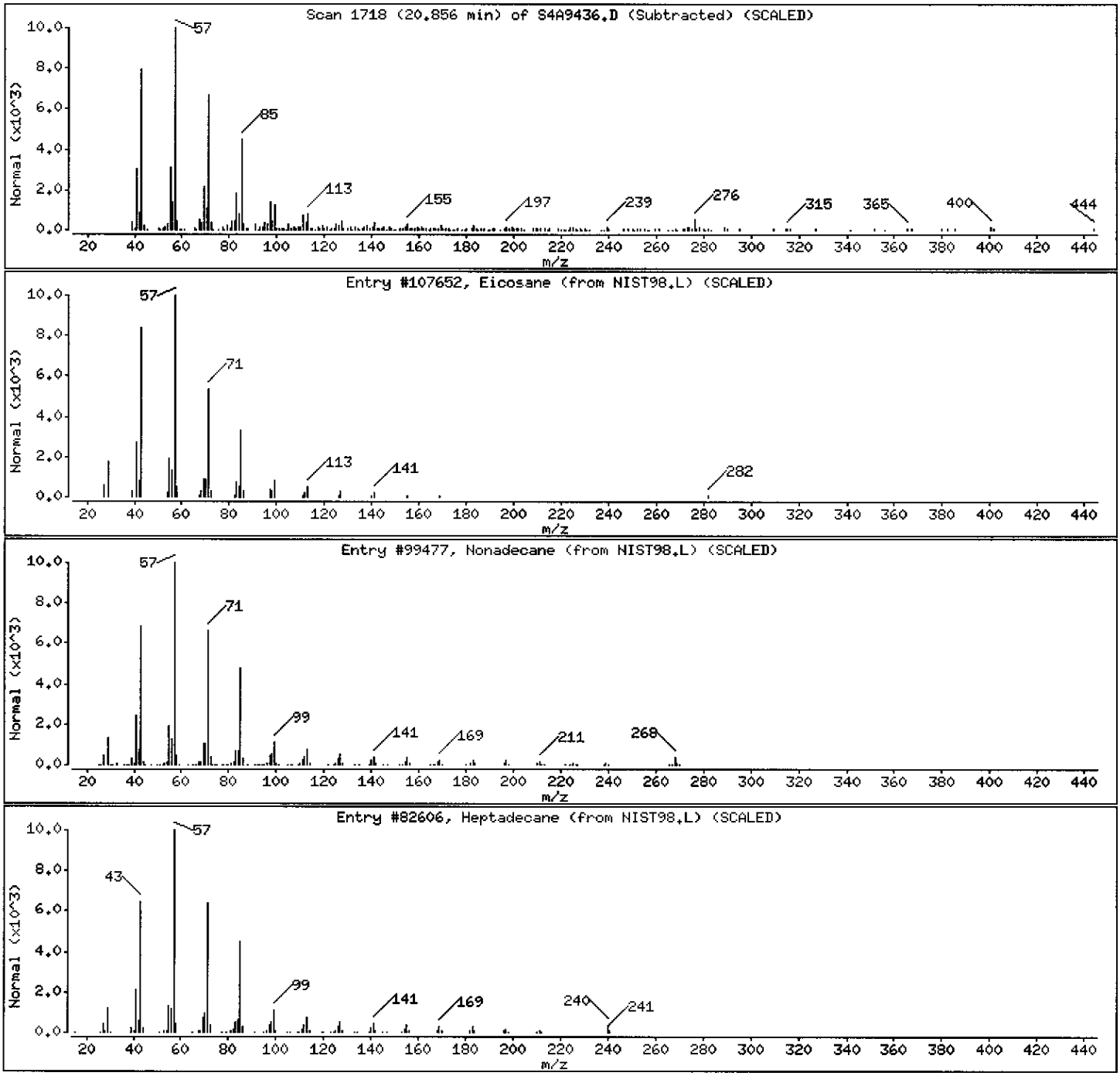
Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Eicosane	112-95-8	NIST98.L	107652	97	C20H42	282
Nonadecane	629-92-5	NIST98.L	99477	94	C19H40	268
Heptadecane	629-78-7	NIST98.L	82606	94	C17H36	240



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Date : 24-AUG-2005 20:34

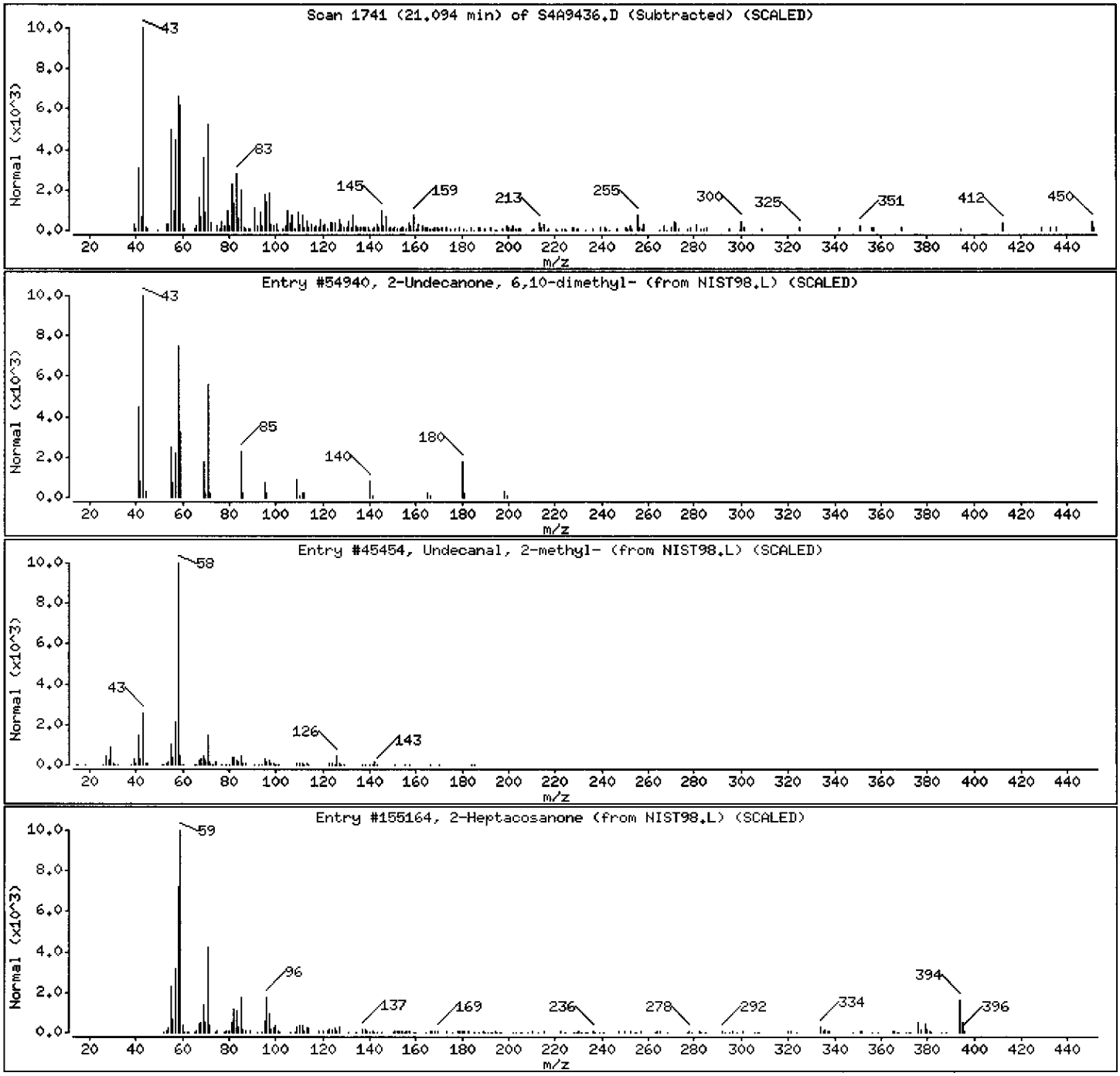
Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Undecanone, 6,10-dimethyl-	1604-34-8	NIST98.L	54940	59	C13H26O	198
Undecanal, 2-methyl-	110-41-8	NIST98.L	45454	50	C12H24O	184
2-Heptacosanone	7796-19-2	NIST98.L	155164	50	C27H54O	394



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Date : 24-AUG-2005 20:34

Client ID: SS10-S-O

Instrument: S4.i

Sample Info: D0926-18A,,19468,,

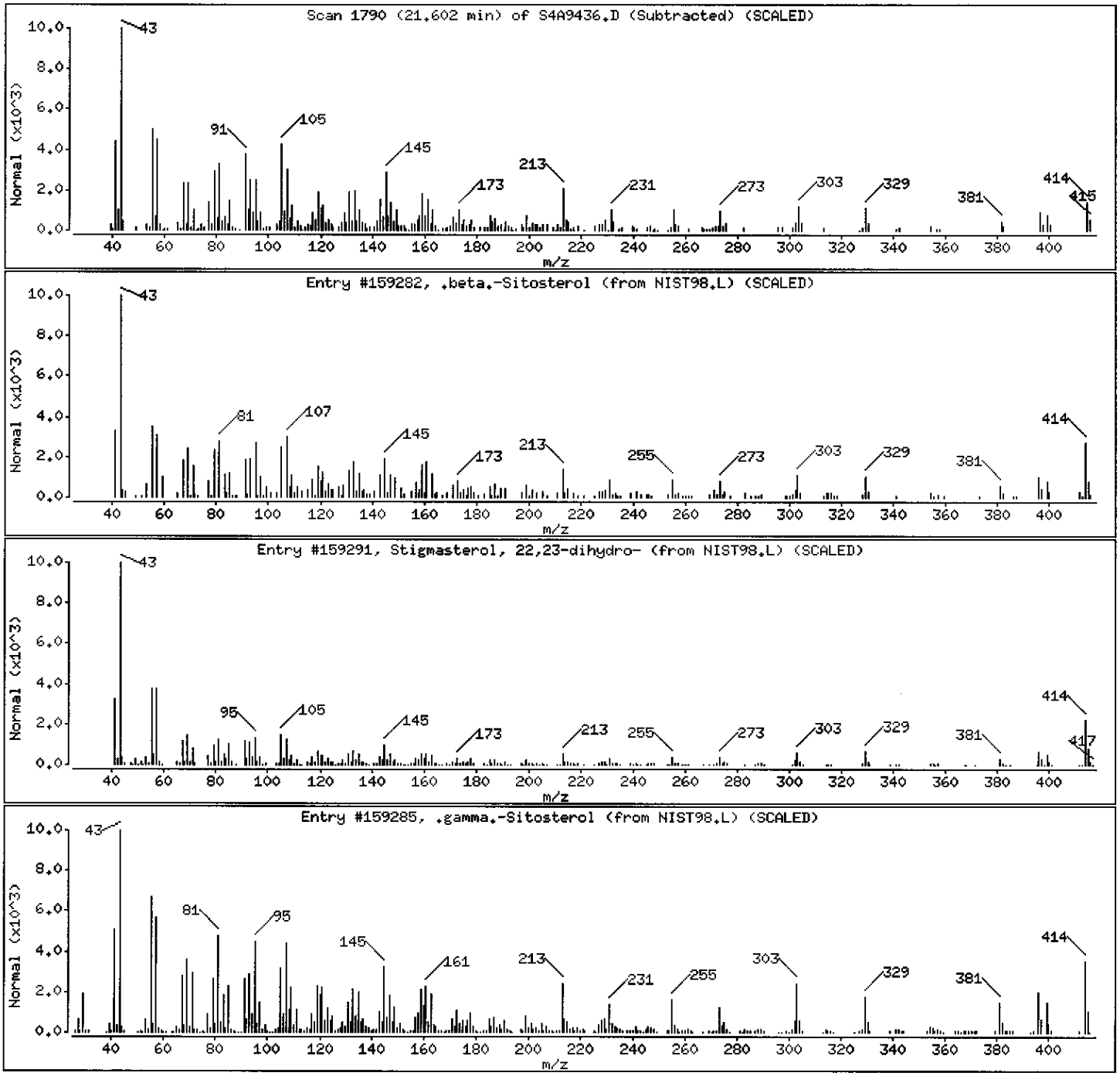
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.beta.-Sitosterol	83-46-5	NIST98.L	159282	97	C29H50O	414
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST98.L	159291	96	C29H50O	414
.gamma.-Sitosterol	83-47-6	NIST98.L	159285	95	C29H50O	414



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Date : 24-AUG-2005 20:34

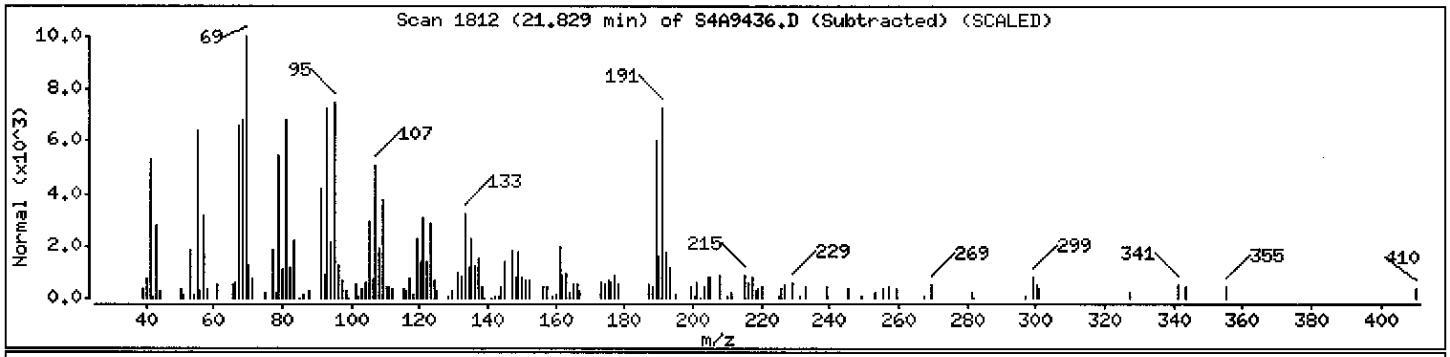
Client ID: SS10-S-0 Instrument: S4.i

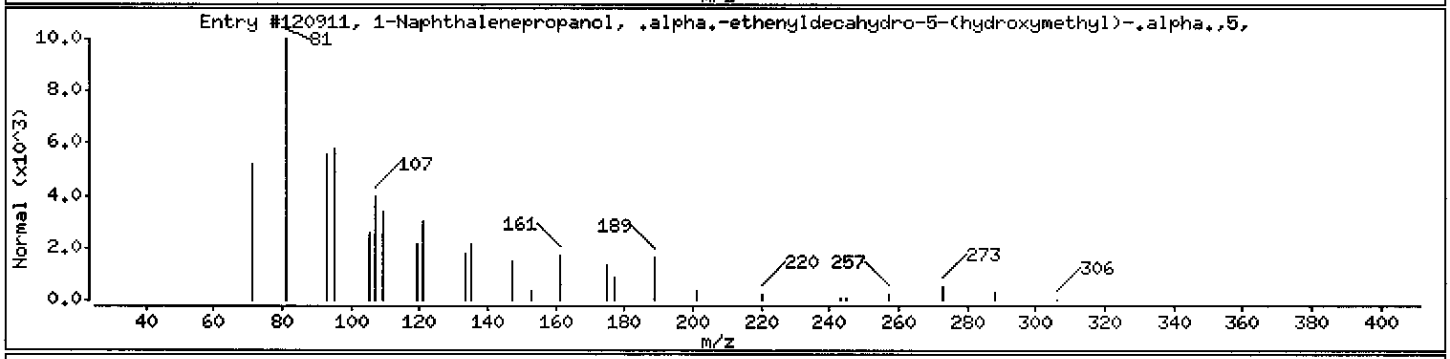
Sample Info: D0926-18A,,19468,,

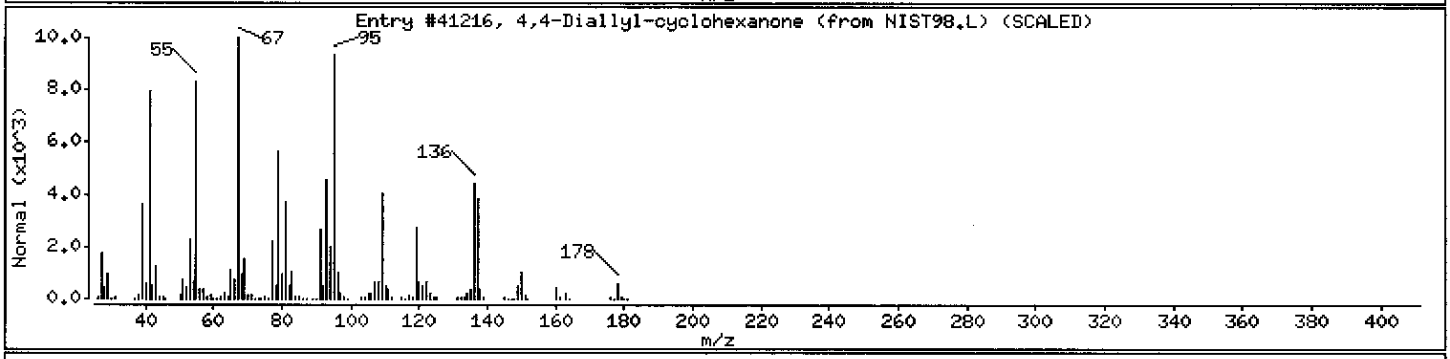
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Naphthalenepropanol, .alpha.-ethenylde	4549-12-6	NIST98.L	120911	52	C20H3402	306
4,4-Diallyl-cyclohexanone	1000186-50-2	NIST98.L	41216	41	C12H180	178







Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9436.D

Date : 24-AUG-2005 20:34

Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
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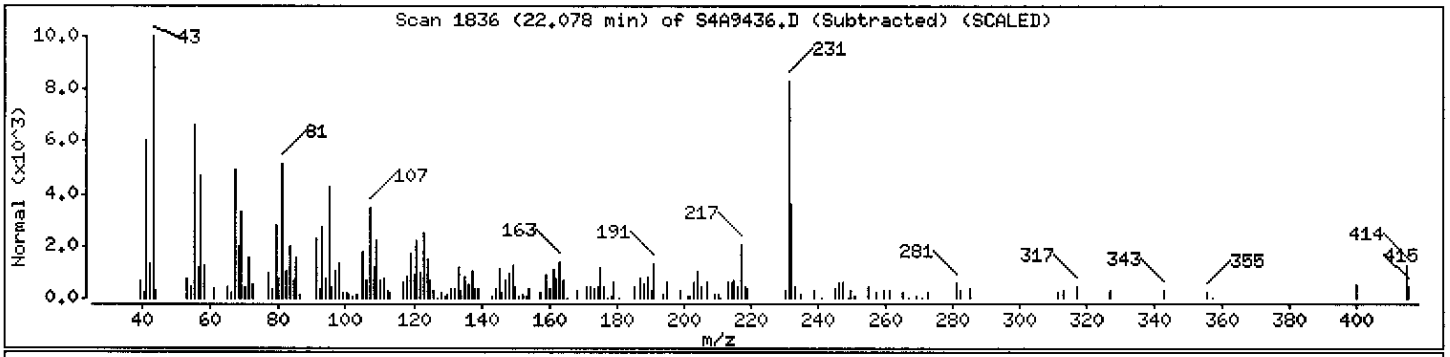
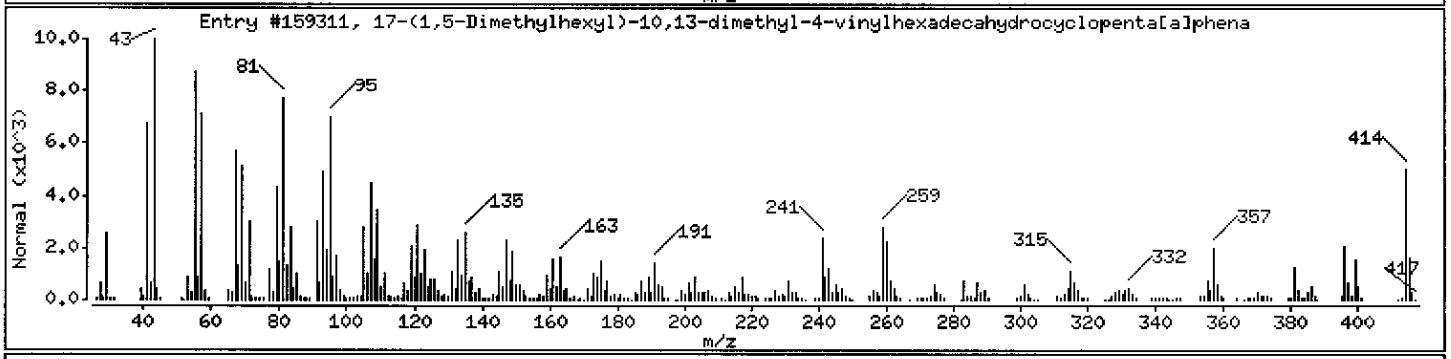




Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9436.D

Date : 24-AUG-2005 20:34

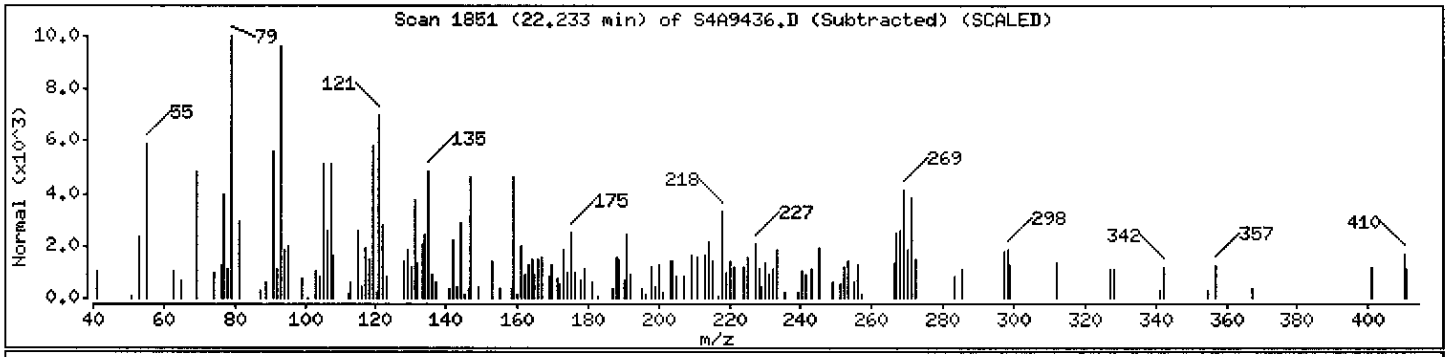
Client ID: SS10-S-0 Instrument: S4.i

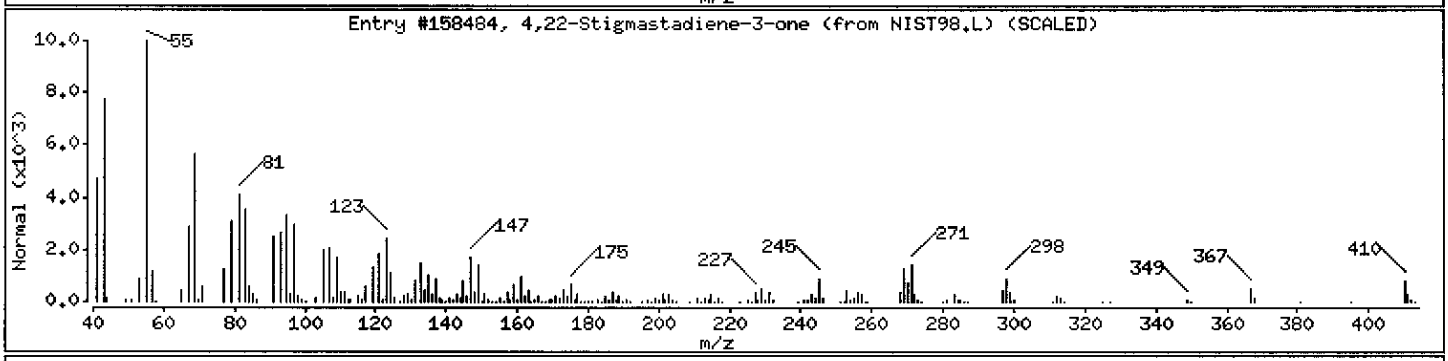
Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
4,22-Stigmastadiene-3-one	20817-72-5	NIST98.L	158484	46	C29H46O	410





Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9436.D

Date : 24-AUG-2005 20:34

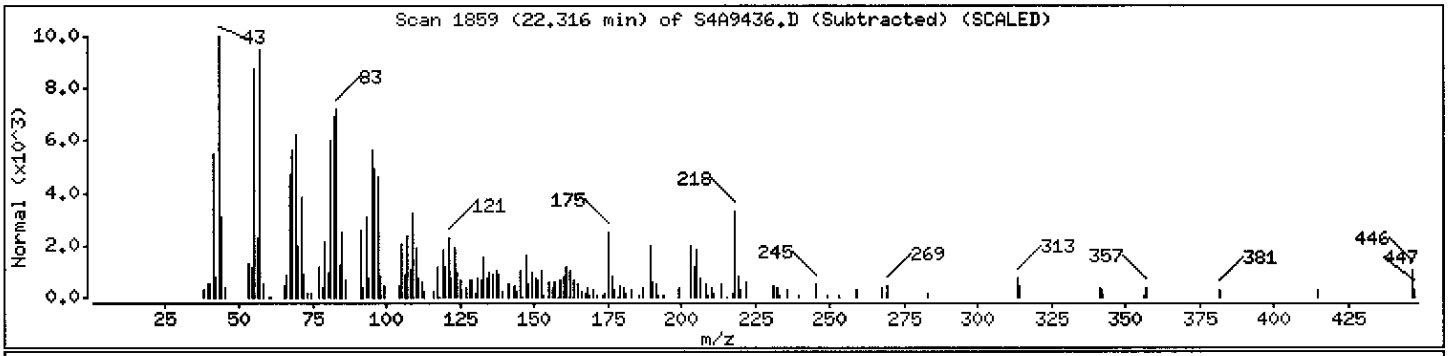
Client ID: SS10-S-0 Instrument: S4.i

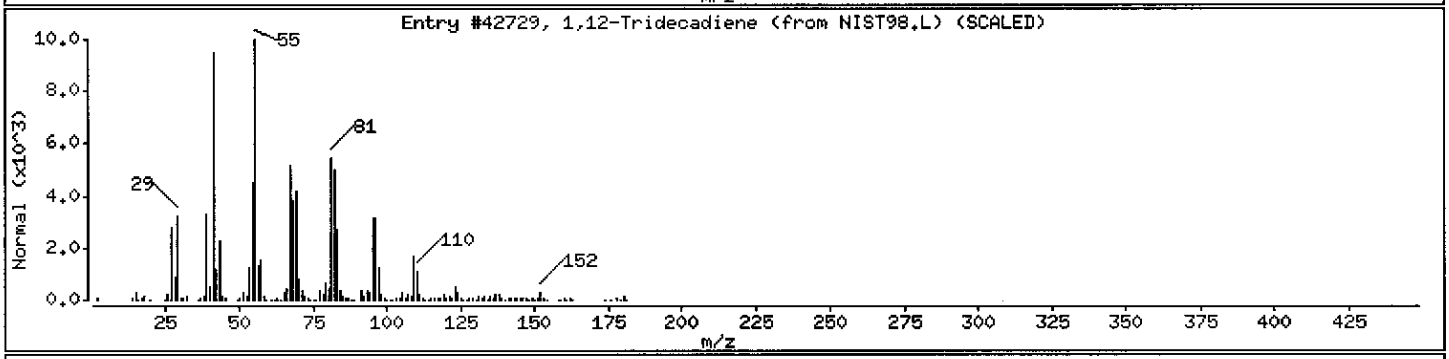
Sample Info: D0926-18A,,19468,,

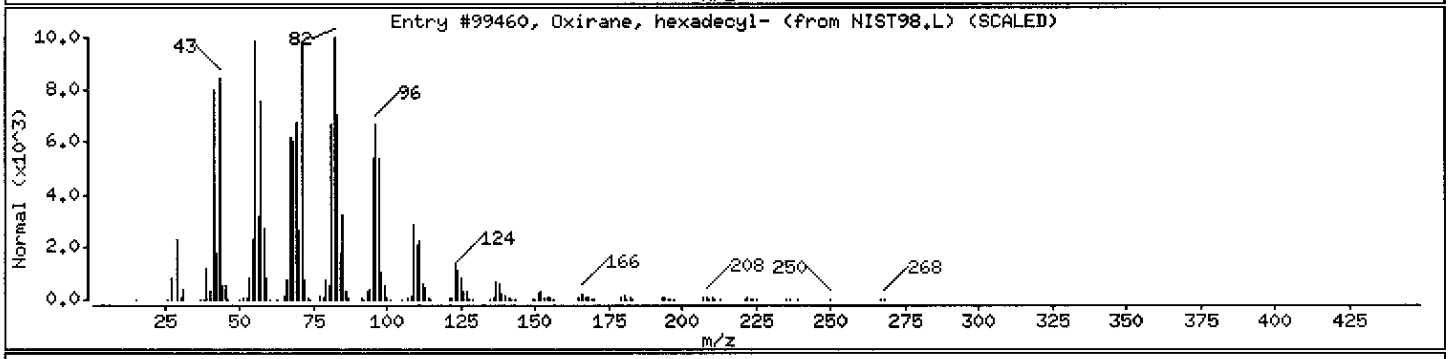
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1,12-Tridecadiene	21964-48-7	NIST98.L	42729	50	C13H24	180
Oxirane, hexadecyl-	7390-81-0	NIST98.L	99460	43	C18H360	268







Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9436.D

Date : 24-AUG-2005 20:34

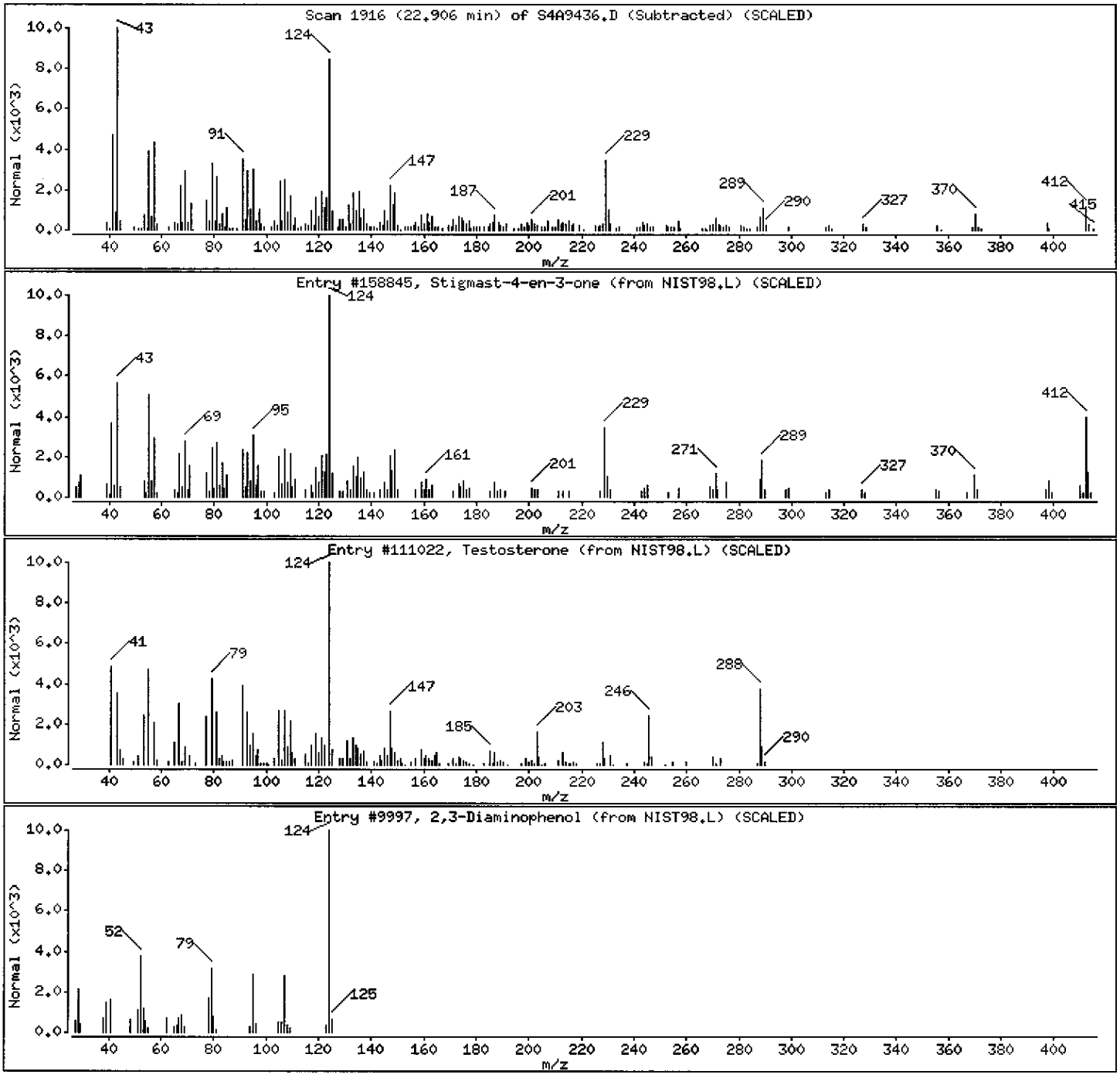
Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Stigmast-4-en-3-one	1058-61-3	NIST98.L	158845	97	C29H48O	412
Testosterone	58-22-0	NIST98.L	111022	90	C19H28O2	288
2,3-Diaminophenol	59649-56-8	NIST98.L	9997	43	C6H8N2O	124



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Date : 24-AUG-2005 20:34

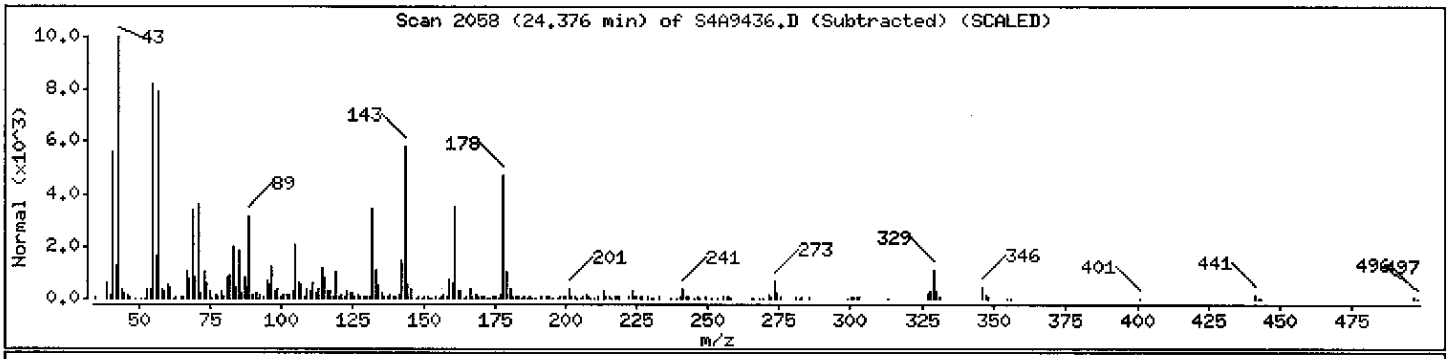
Client ID: SS10-S-0 Instrument: S4.i

Sample Info: D0926-18A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS11-S-M

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9435

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	370	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
98-86-2	Acetophenone	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
105-60-2	Caprolactam	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	930	U
92-52-4	1,1'-Biphenyl	370	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	930	U
131-11-3	Dimethylphthalate	370	U
606-20-2	2,6-Dinitrotoluene	370	U
208-96-8	Acenaphthylene	370	U
99-09-2	3-Nitroaniline	930	U
83-32-9	Acenaphthene	370	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS11-S-M

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9435

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	930	U
100-02-7	4-Nitrophenol	930	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
86-73-7	Fluorene	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
100-01-6	4-Nitroaniline	930	U
534-52-1	4,6-Dinitro-2-methylphenol	930	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
1912-24-9	Atrazine	370	U
87-86-5	Pentachlorophenol	930	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
86-74-8	Carbazole	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)phthalate	56	JB
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenzo(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SS11-S-M

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9435

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

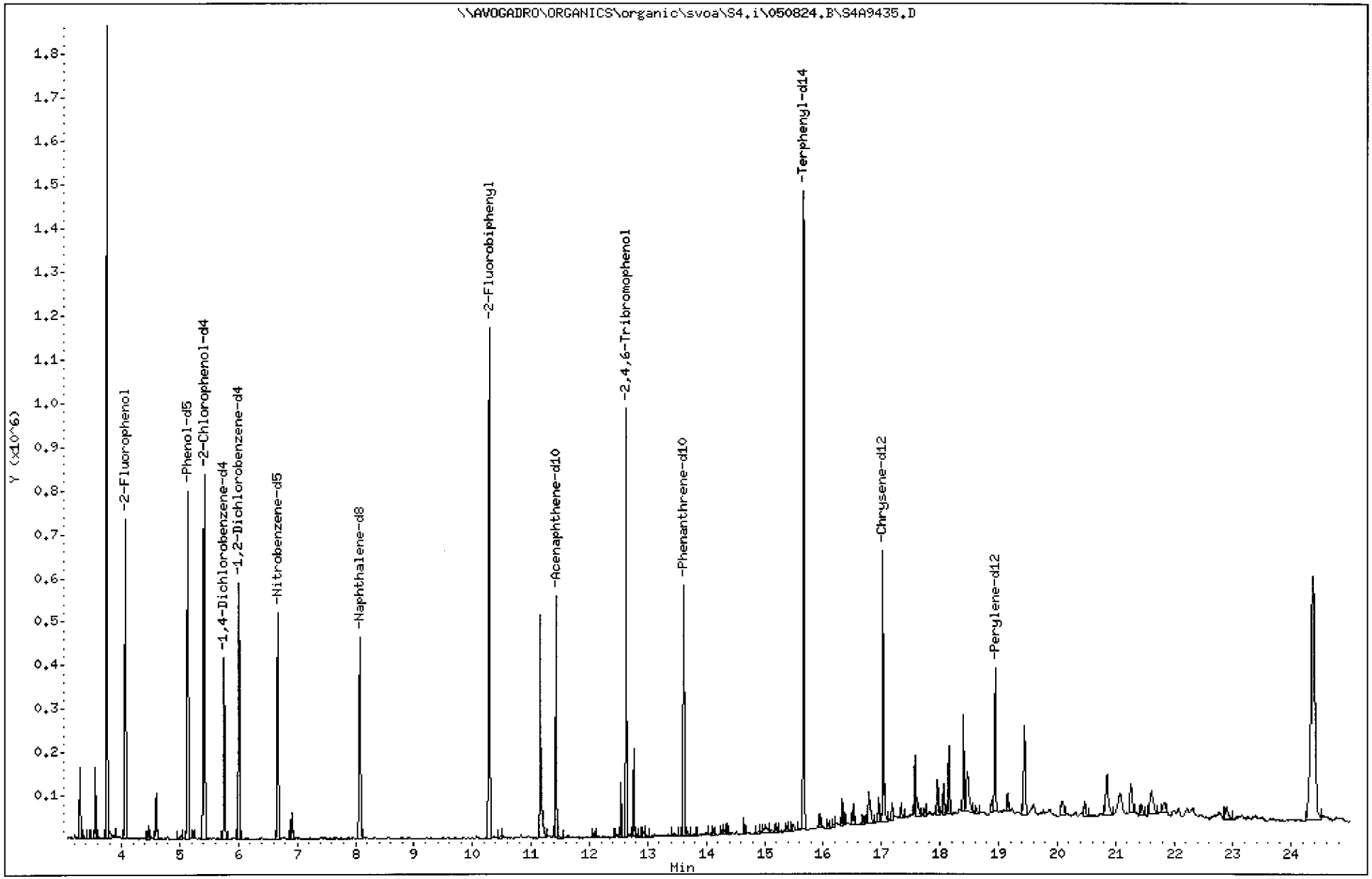
GPC Cleanup: (Y/N) Y pH: 5.7 Extraction: (Type) SONC

Number TICs found: 15

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	78-40-0	TRIETHYL PHOSPHATE	6.90	100	NJ
2.		UNKNOWN	12.55	140	J
3.	112-88-9	1-OCTADECENE	17.60	110	NJ
4.	7683-64-9	SQUALENE	18.06	140	NJ
5.	14811-95-1	1,19-EICOSADIENE	18.15	280	NJ
6.	112-92-5	1-OCTADECANOL	18.46	440	NJ
7.		UNKNOWN	19.16	88	J
8.		UNKNOWN	20.09	140	J
9.	638-66-4	OCTADECANAL	20.47	110	NJ
10.		UNKNOWN	21.27	240	J
11.		UNKNOWN	21.44	100	J
12.	83-47-6	.GAMMA.-SITOSTEROL	21.61	330	NJ
13.		UNKNOWN	21.83	96	J
14.		UNKNOWN	22.90	160	J
15.		UNKNOWN	24.38	3500	JB
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9435.D
Date : 24-AUG-2005 20:01
Client ID: SS11-S-M
Instrument: S4.i
Sample Info: D0926-19A,,19468,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9435.D
Report Date: 31-Aug-2005 11:58

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9435.D
Lab Smp Id: D0926-19A Client Smp ID: SS11-S-M
Inj Date : 24-AUG-2005 20:01
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-19A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	11.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	4.058	4.048	(0.705)	194295	95.6425	1800
$ 3	Phenol-d5	99	5.134	5.135	(0.892)	310114	106.835	2000
$ 6	2-Chlorophenol-d4	132	5.414	5.414	(0.941)	254772	104.047	1900
* 8	1,4-Dichlorobenzene-d4	152	5.755	5.755	(1.000)	73048	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	6.004	6.004	(1.043)	104616	61.7299	1200
$ 16	Nitrobenzene-d5	82	6.677	6.677	(0.827)	237894	69.5198	1300
* 23	Naphthalene-d8	136	8.074	8.074	(1.000)	298157	40.0000	
$ 33	2-Fluorobiphenyl	172	10.289	10.289	(0.900)	466423	84.0317	1600
* 41	Acenaphthene-d10	164	11.438	11.438	(1.000)	161552	40.0000	
$ 53	2,4,6-Tribromophenol	330	12.628	12.628	(0.928)	101715	146.421	2700
* 58	Phenanthrene-d10	188	13.611	13.611	(1.000)	264355	40.0000	
$ 65	Terphenyl-d14	244	15.681	15.671	(0.921)	549829	102.237	1900
* 69	Chrysene-d12	240	17.027	17.027	(1.000)	213984	40.0000	

Data File: S4A9435.D
Report Date: 31-Aug-2005 11:58

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
71 bis(2-Ethylhexyl)phthalate	149	16.954	16.954	(0.996)	16496	2.99061	56(a)
* 76 Perylene-d12	264	18.942	18.942	(1.000)	165967	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

08/31/05 AW

Data File: S4A9435.D
Report Date: 31-Aug-2005 11:58

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9435.D
Lab Smp Id: D0926-19A Client Smp ID: SS11-S-M
Inj Date : 24-AUG-2005 20:01
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-19A,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	11.000	% Moisture

ISTD		RT	AREA	AMOUNT
* 8	1,4-Dichlorobenzene-d4	5.755	559531	40.000
* 41	Acenaphthene-d10	11.438	788765	40.000
* 58	Phenanthrene-d10	13.611	805821	40.000
* 69	Chrysene-d12	17.027	839256	40.000
* 76	Perylene-d12	18.942	527203	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9435.D
Report Date: 31-Aug-2005 11:58

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Triethyl phosphate				CAS #: 78-40-0			
6.904	76185	5.44634703	100	96	NIST98.L	44293	8
Cyclic Alkane				CAS #:			
11.158	772865	39.1936762	730	0		0	41
Unknown				CAS #:			
12.545	146793	7.28663065	140	0		0	58
Cyclic Alkane				CAS #:			
12.763	211066	10.4770662	200	0		0	58
Straight-Chain Alkane				CAS #:			
16.778	181875	8.66839200	160	0		0	69
Straight-Chain Alkane				CAS #:			
17.565	151895	7.23950737	140	0		0	69
1-Octadecene				CAS #: 112-88-9			
17.596	124807	5.94845911	110	95	NIST98.L	89783	69
Branched Alkane				CAS #:			
17.958	113519	5.41045879	100	0		0	69
Squalene				CAS #: 7683-64-9			
18.062	97837	7.42309888	140	91	NIST98.L	158503	76
1,19-Eicosadiene				CAS #: 14811-95-1			
18.155	194814	14.7809478	280	95	NIST98.L	105306	76
Branched Alkane				CAS #:			
18.403	322974	24.5047164	460	0		0	76
1-Octadecanol				CAS #: 112-92-5			
18.455	312160	23.6842355	440	90	NIST98.L	100814	76
Unknown				CAS #:			
19.159	61730	4.68358488	88	0		0	76
Straight-Chain Alkane				CAS #:			
19.449	383070	29.0643263	540	0		0	76
Unknown				CAS #:			
20.090	95625	7.25526979	140	0		0	76

Data File: S4A9435.D
Report Date: 31-Aug-2005 11:58

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Octadecanal				CAS #: 638-66-4			
20.473	78268	5.93835771	110	91	NIST98.L	99445	76
Branched Alkane				CAS #:			
20.856	302744	22.9698238	430	0		0	76
Unknown				CAS #:			
21.270	168461	12.7814902	240	0		0	76
Unknown				CAS #:			
21.436	71441	5.42037887	100	0		0	76
.gamma.-Sitosterol				CAS #: 83-47-6			
21.612	228751	17.3558193	330	92	NIST98.L	159285	76
Unknown				CAS #:			
21.829	67797	5.14390093	96	0		0	76
Unknown				CAS #:			
22.895	111761	8.47954204	160	0		0	76
Unknown				CAS #:			
24.375	2428196	184.232336	3500	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9435.D

Date : 24-AUG-2005 20:01

Client ID: SS11-S-M

Instrument: S4.i

Sample Info: D0926-19A,,19468,,

Volume Injected (uL): 2.0

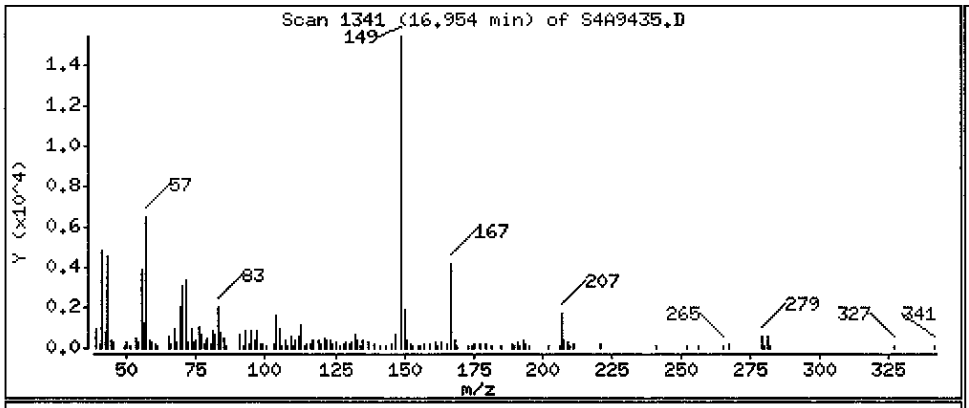
Operator: AW SRC: LIMS

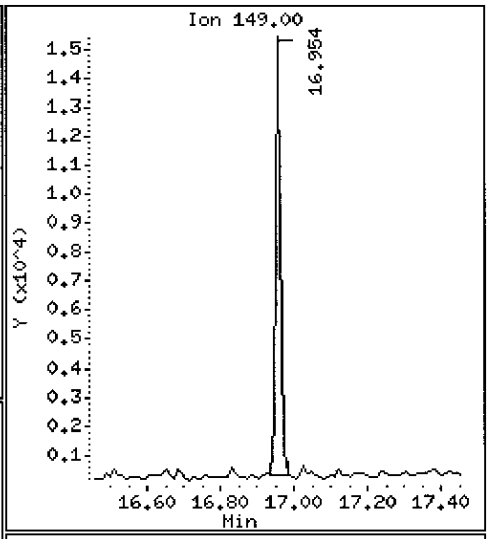
Column phase: DB-5MS

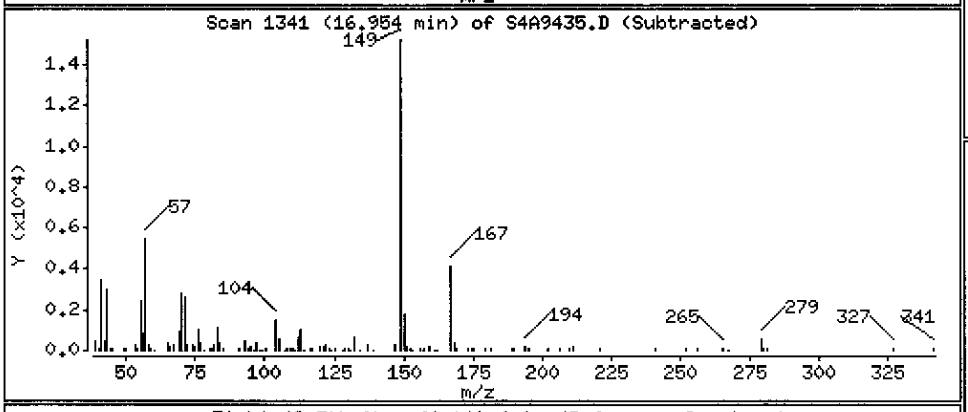
Column diameter: 0.25

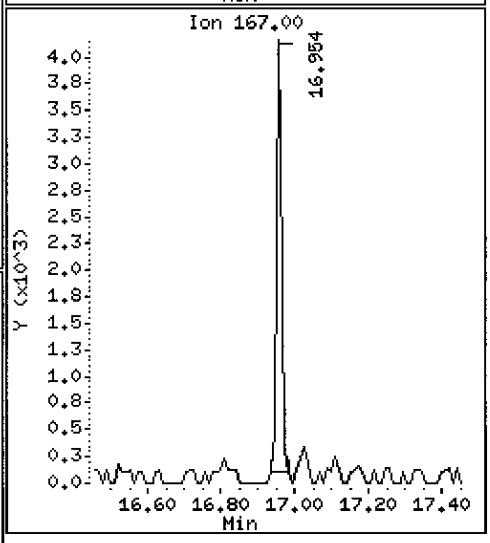
71 bis(2-Ethylhexyl)phthalate

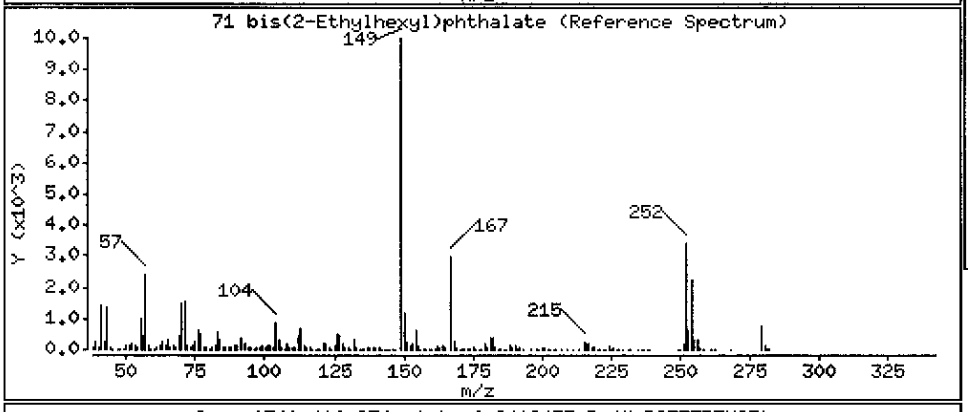
Concentration: 56 ug/Kg

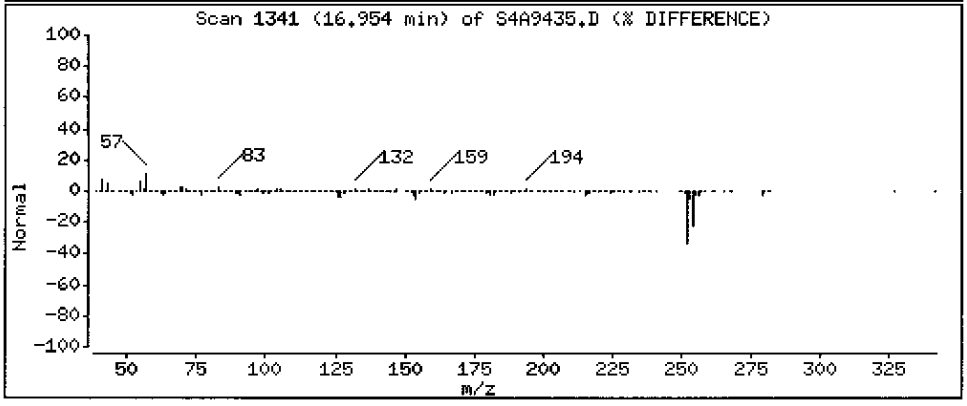












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Date : 24-AUG-2005 20:01

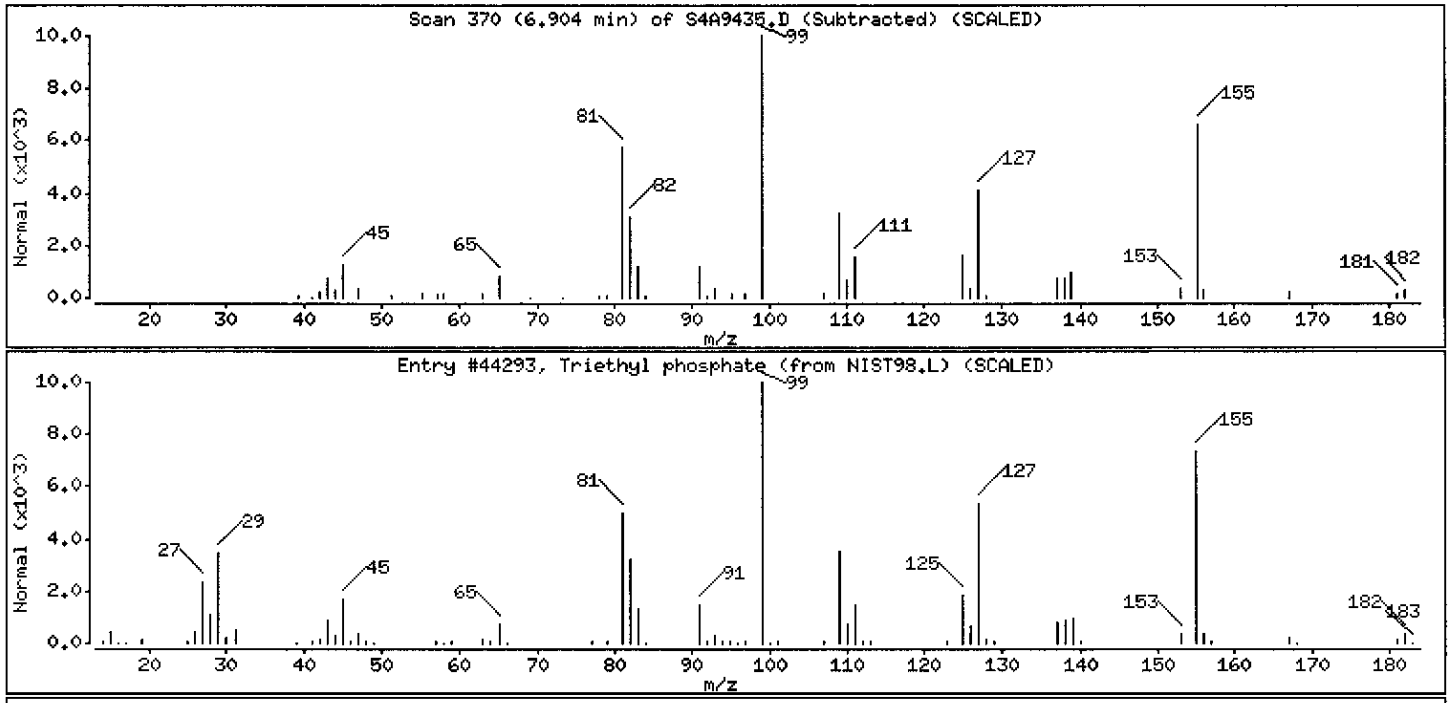
Client ID: SS11-S-M Instrument: S4.i

Sample Info: D0926-19A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Triethyl phosphate	78-40-0	NIST98.L	44293	96	C6H15O4P	182



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Date : 24-AUG-2005 20:01

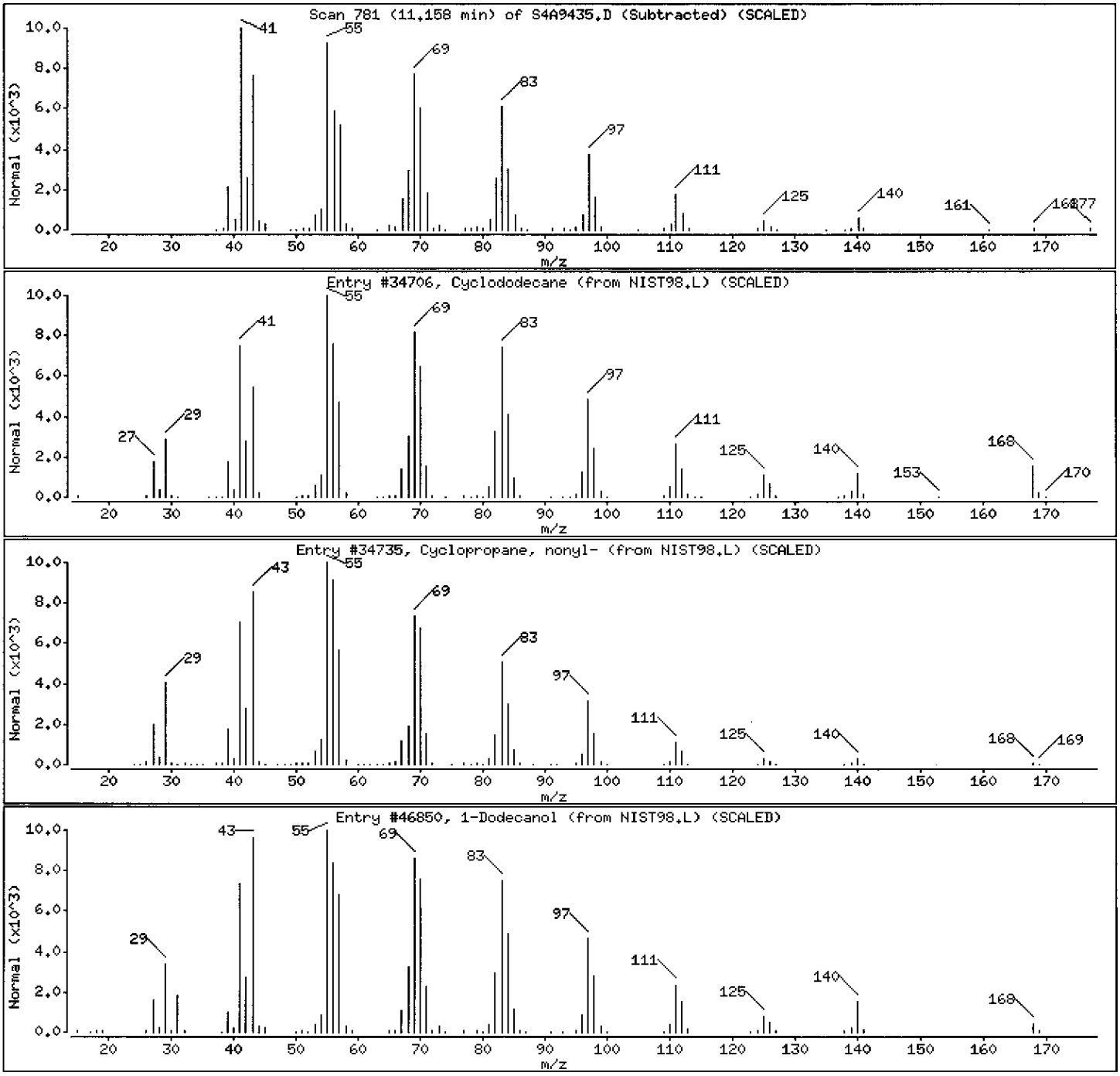
Client ID: SS11-S-M Instrument: S4.i

Sample Info: D0926-19A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34706	97	C12H24	168
Cyclopropane, nonyl-	74663-85-7	NIST98.L	34735	93	C12H24	168
1-Dodecanol	112-53-8	NIST98.L	46850	91	C12H26O	186



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Date : 24-AUG-2005 20:01

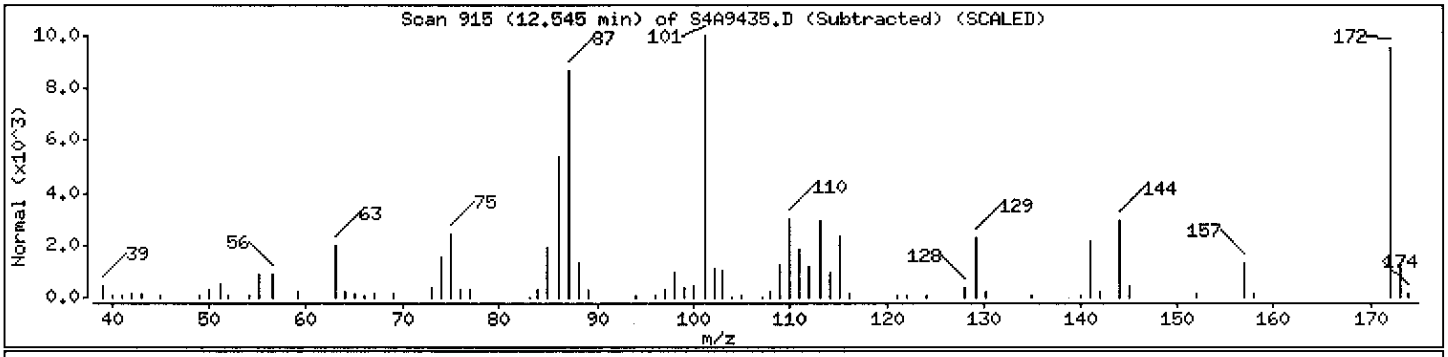
Client ID: SS11-S-M Instrument: S4.i

Sample Info: D0926-19A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 24-AUG-2005 20:01

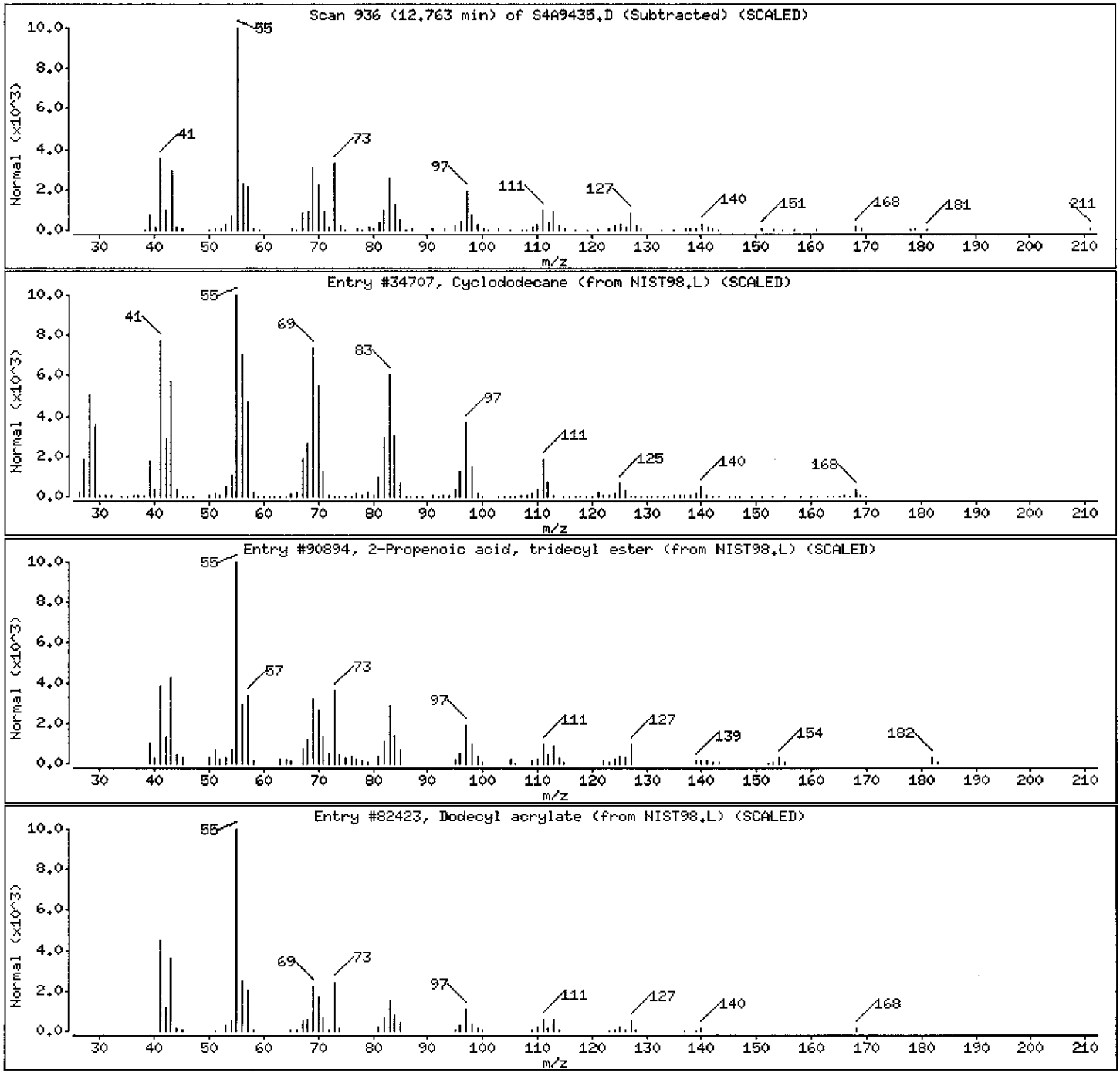
Client ID: SS11-S-M Instrument: S4.i

Sample Info: D0926-19A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34707	93	C12H24	168
2-Propenoic acid, tridecyl ester	3076-04-8	NIST98.L	90894	91	C16H30O2	254
Dodecyl acrylate	2156-97-0	NIST98.L	82423	91	C15H28O2	240



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Date : 24-AUG-2005 20:01

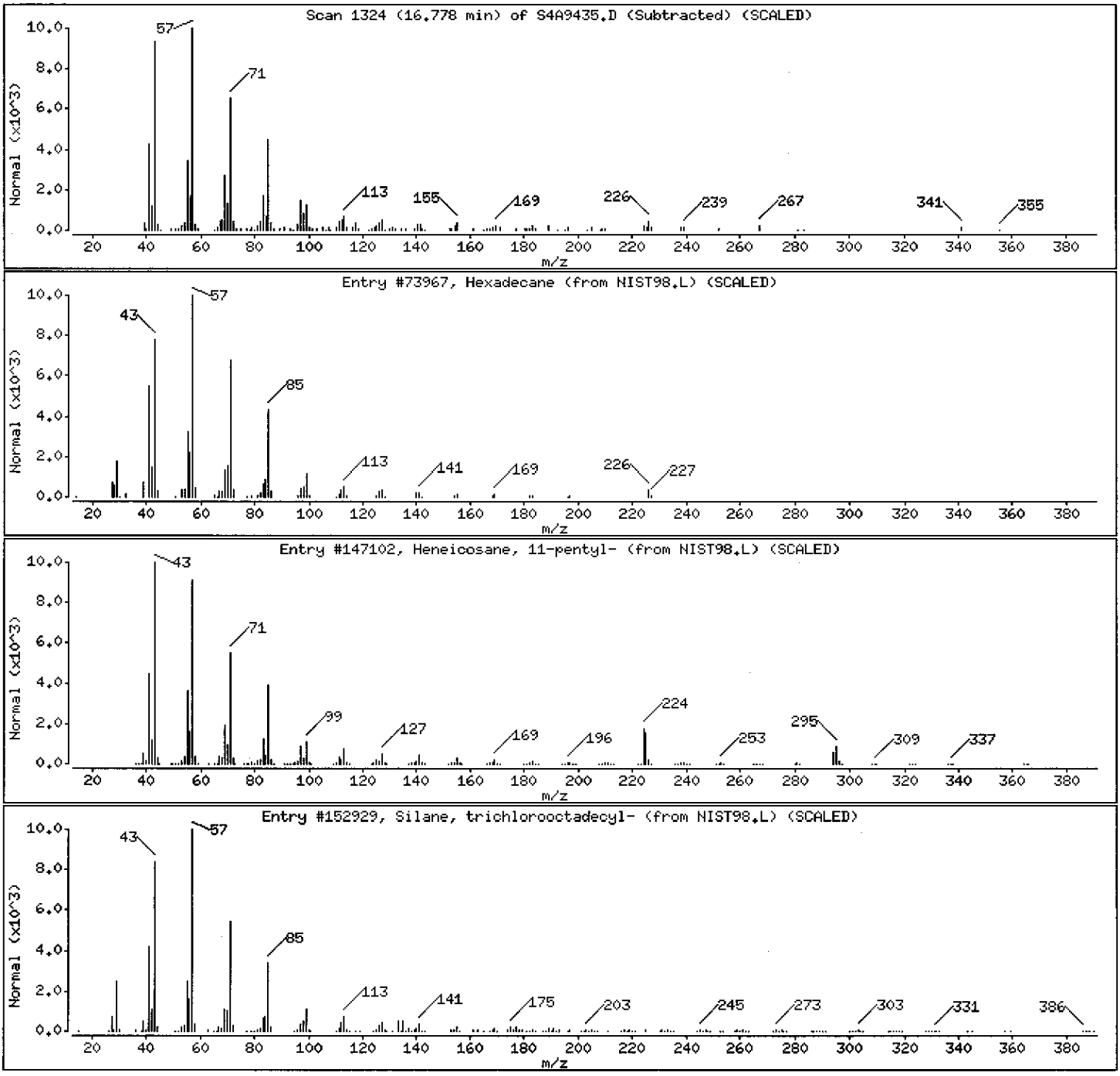
Client ID: SS11-S-M Instrument: S4.i

Sample Info: D0926-19A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Hexadecane	544-76-3	NIST98.L	73967	96	C16H34	226
Heneicosane, 11-pentyl-	14739-72-1	NIST98.L	147102	87	C26H54	366
Silane, trichlorooctadecyl-	112-04-9	NIST98.L	152929	83	C18H37Cl3Si	386



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Date : 24-AUG-2005 20:01

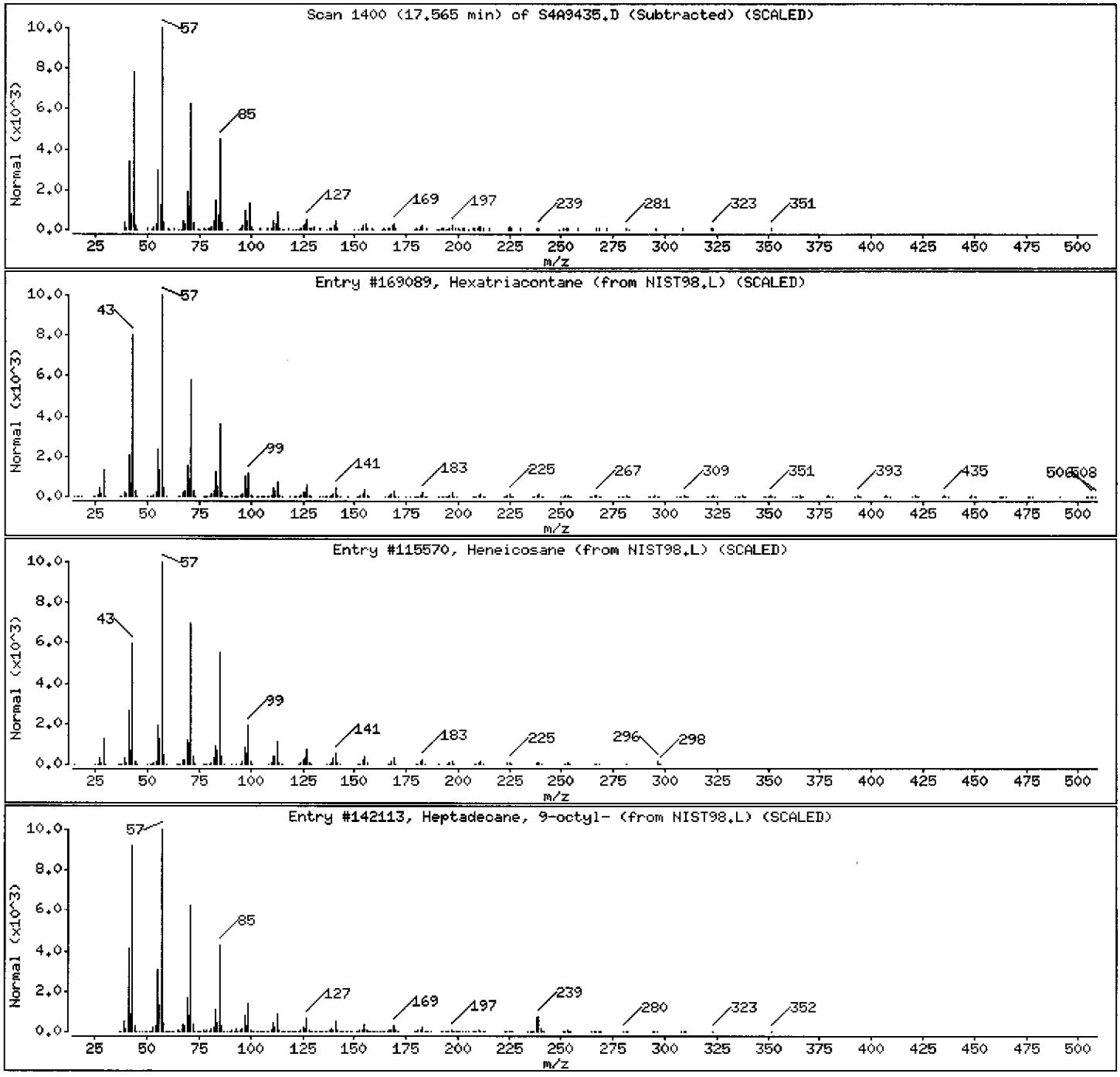
Client ID: SS11-S-M Instrument: S4.i

Sample Info: D0926-19A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Hexatriacontane	630-06-8	NIST98.L	169089	91	C36H74	507
Heneicosane	629-94-7	NIST98.L	115570	91	C21H44	296
Heptadecane, 9-octyl-	7225-64-1	NIST98.L	142113	91	C25H52	352



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Date : 24-AUG-2005 20:01

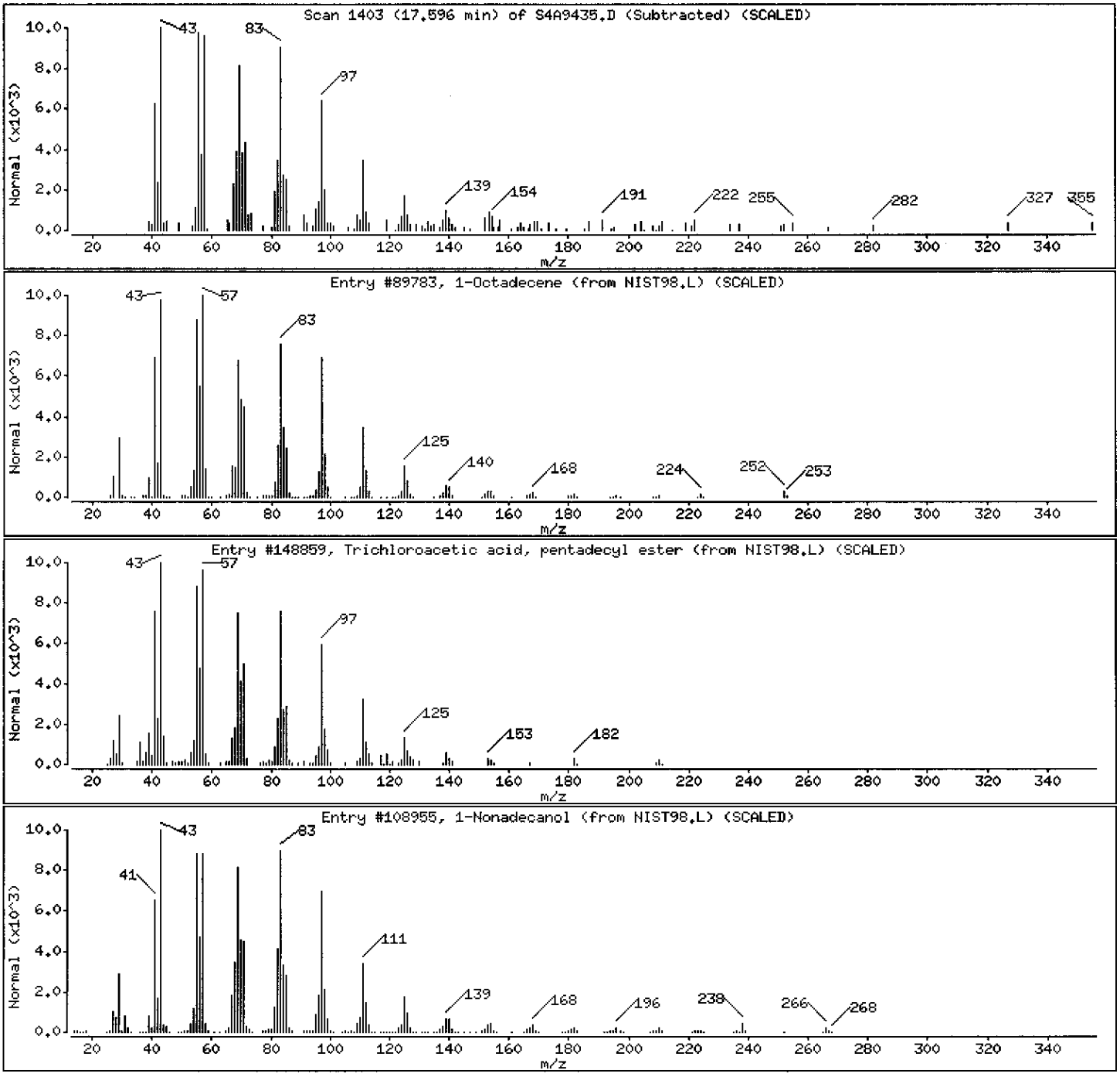
Client ID: SS11-S-M Instrument: S4.i

Sample Info: D0926-19A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Octadecene	112-88-9	NIST98.L	89783	95	C18H36	252
Trichloroacetic acid, pentadecyl ester	74339-53-0	NIST98.L	148859	93	C17H31Cl3O2	372
1-Nonadecanol	1454-84-8	NIST98.L	108955	91	C19H40O	284



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Date : 24-AUG-2005 20:01

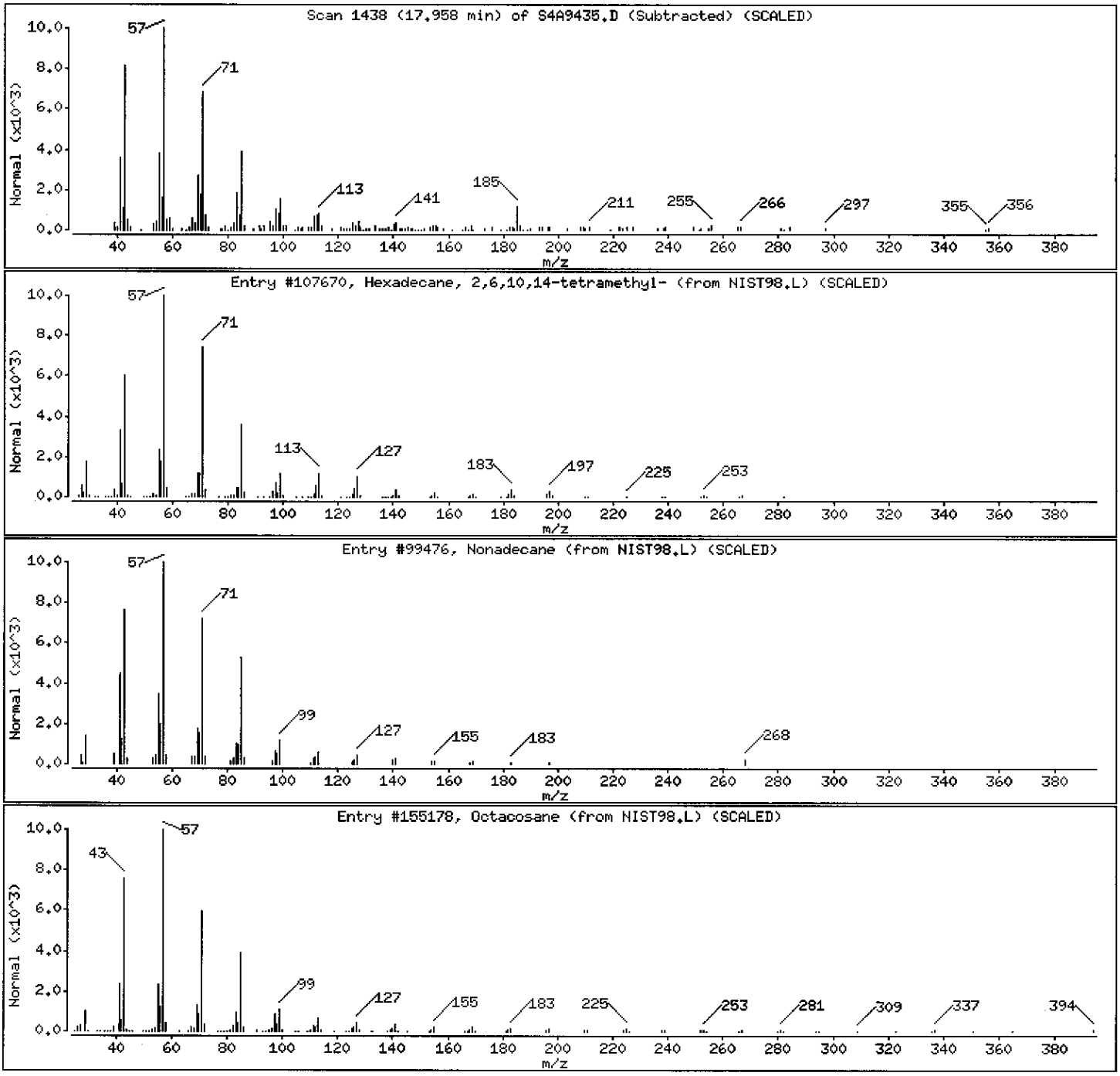
Client ID: SS11-S-M Instrument: S4.i

Sample Info: D0926-19A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST98.L	107670	91	C20H42	282
Nonadecane	629-92-5	NIST98.L	99476	83	C19H40	268
Octacosane	630-02-4	NIST98.L	155178	83	C28H58	394



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Date : 24-AUG-2005 20:01

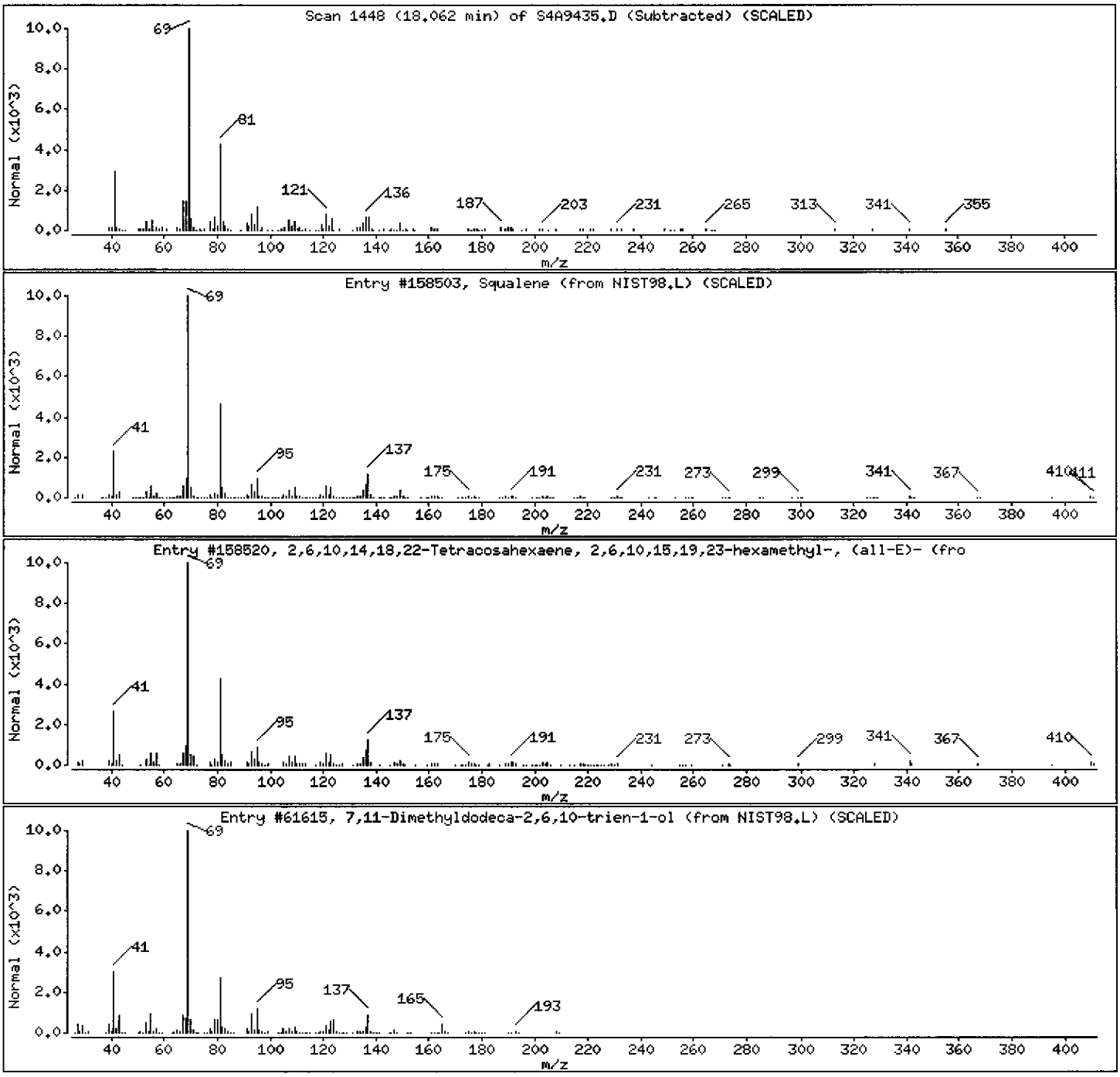
Client ID: SS11-S-M Instrument: S4.i

Sample Info: D0926-19A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Squalene	7683-64-9	NIST98.L	158503	91	C30H50	410
2,6,10,14,18,22-Tetracosahexaene, 2,6,10	111-02-4	NIST98.L	158520	90	C30H50	410
7,11-Dimethyldodeca-2,6,10-trien-1-ol	125529-10-4	NIST98.L	61615	80	C14H240	208



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Date : 24-AUG-2005 20:01

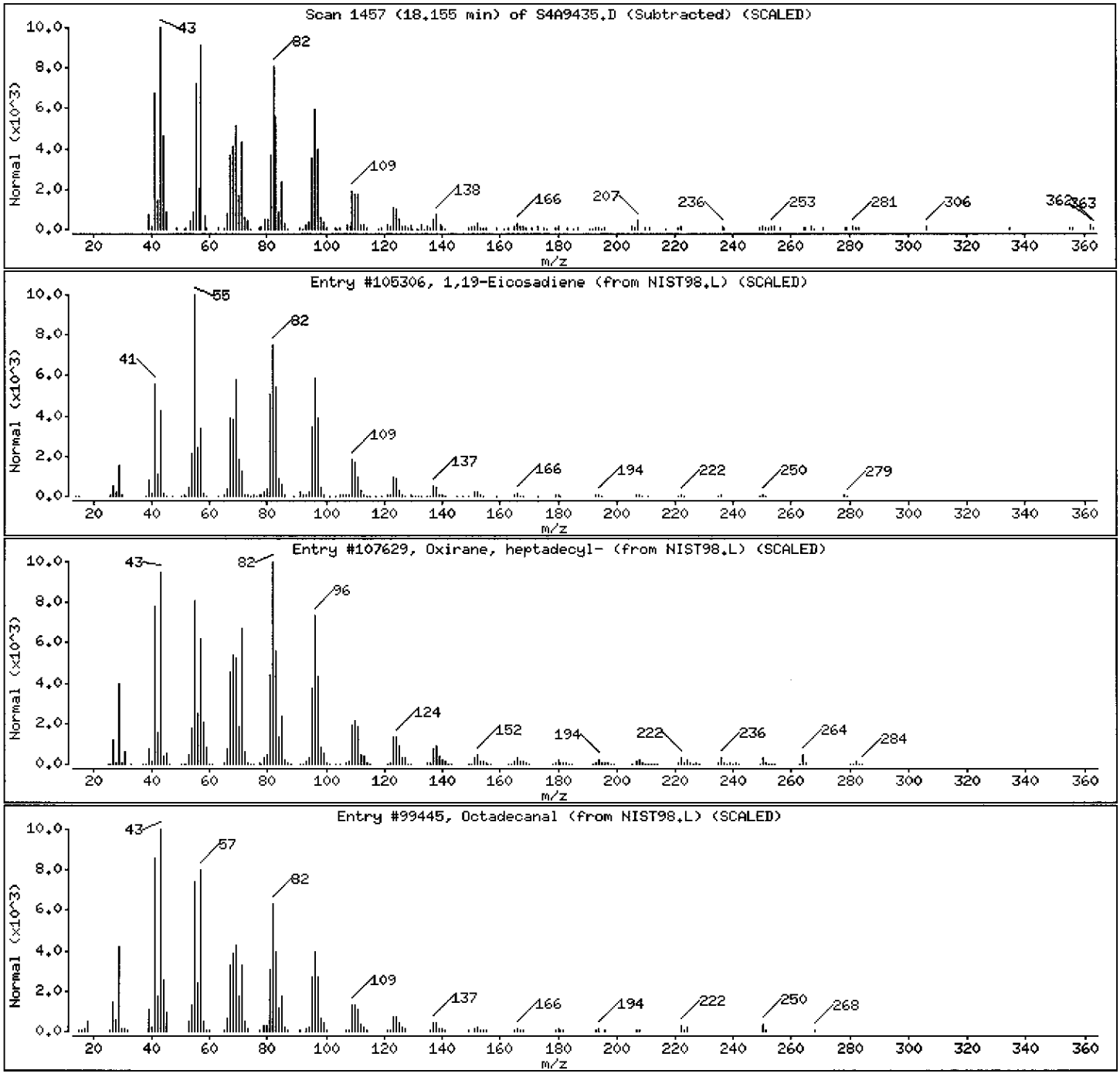
Client ID: SS11-S-M Instrument: S4.i

Sample Info: D0926-19A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1,19-Eicosadiene	14811-95-1	NIST98.L	105306	95	C20H38	278
Oxirane, heptadecyl-	67860-04-2	NIST98.L	107629	94	C19H38O	282
Octadecanal	638-66-4	NIST98.L	99445	91	C18H36O	268



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Date : 24-AUG-2005 20:01

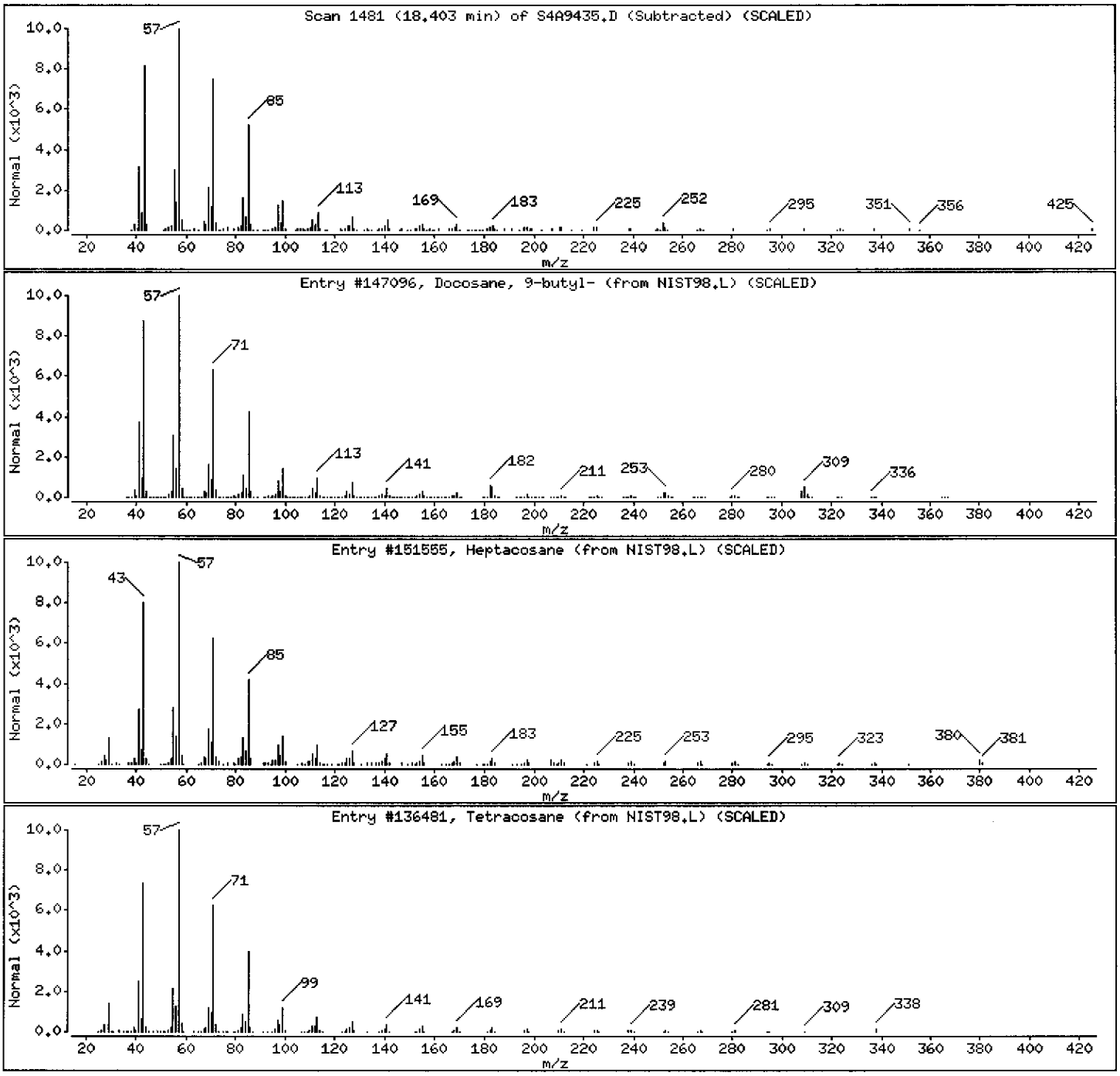
Client ID: SS11-S-M Instrument: S4.i

Sample Info: D0926-19A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Docosane, 9-butyl-	55282-14-9	NIST98.L	147096	91	C26H54	366
Heptacosane	593-49-7	NIST98.L	151555	91	C27H56	380
Tetracosane	646-31-1	NIST98.L	136481	90	C24H50	338



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9435.D

Date : 24-AUG-2005 20:01

Client ID: SS11-S-M

Instrument: S4.i

Sample Info: D0926-19A,,19468,,

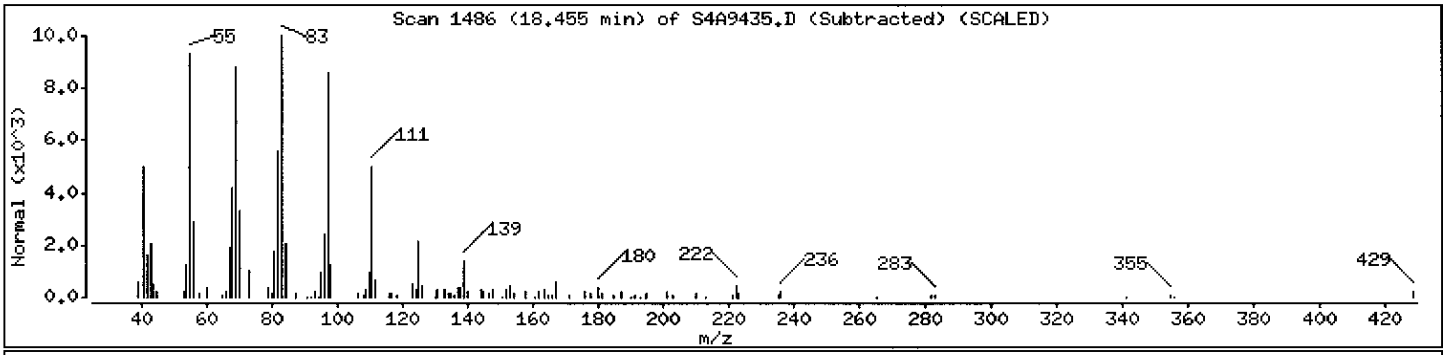
Volume Injected (uL): 2.0

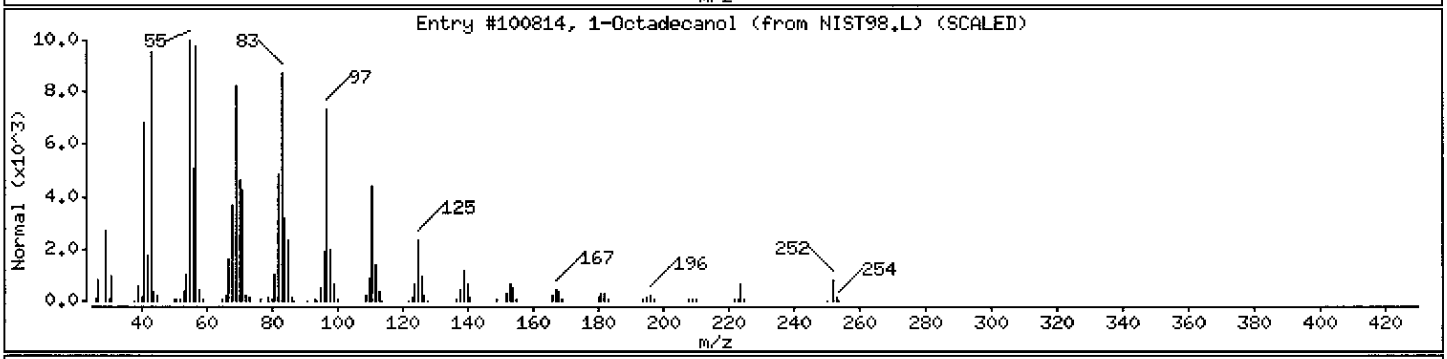
Operator: AW SRC: LIMS

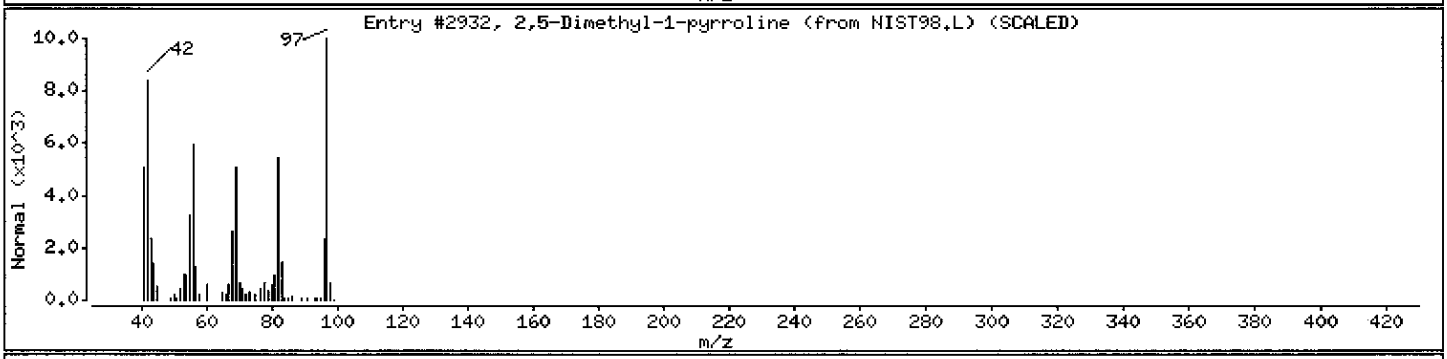
Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Octadecanol	112-92-5	NIST98.L	100814	90	C18H38O	270
2,5-Dimethyl-1-pyrroline	822-64-0	NIST98.L	2932	46	C6H11N	97







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Date : 24-AUG-2005 20:01

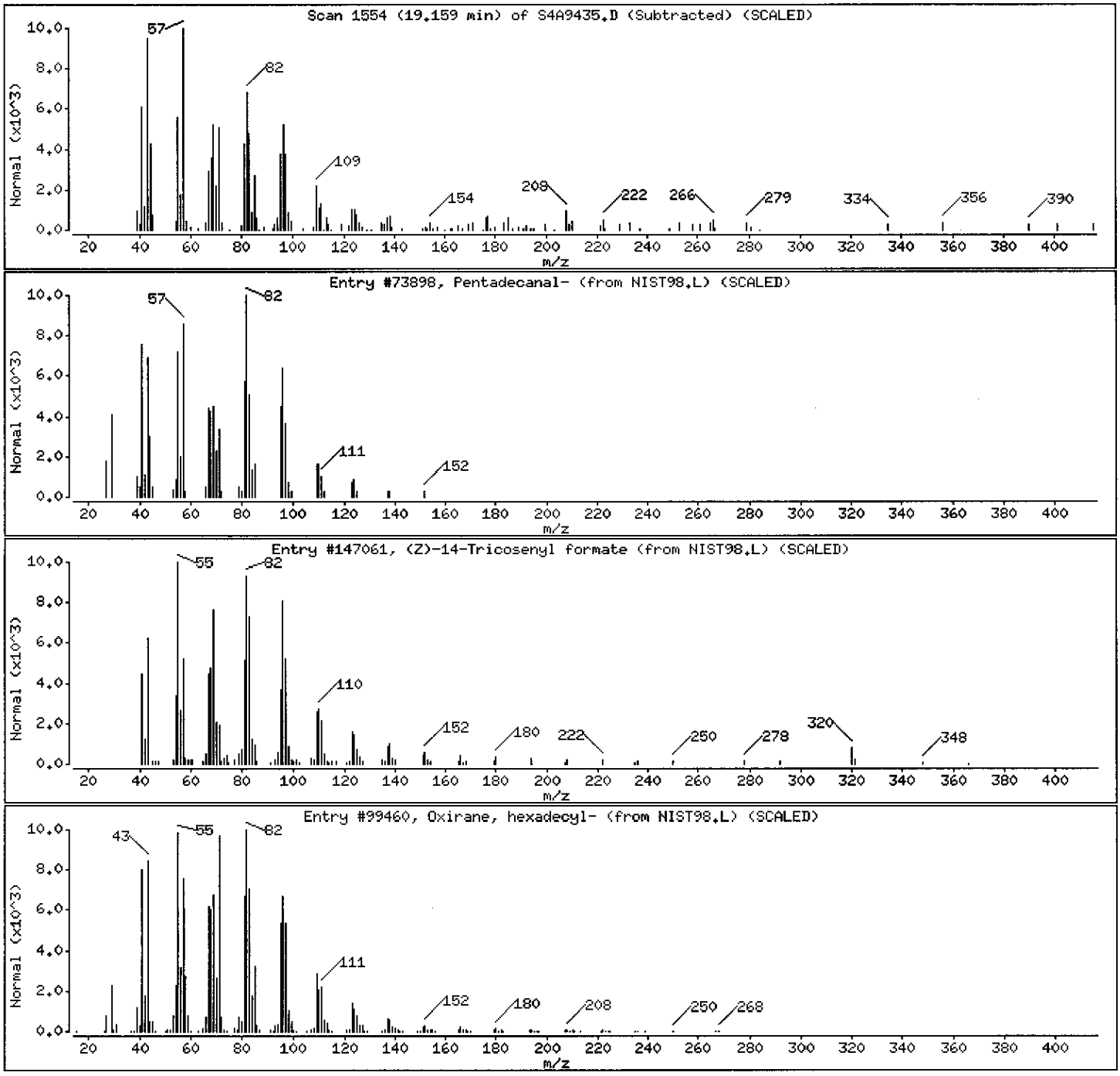
Client ID: SS11-S-M Instrument: S4.i

Sample Info: D0926-19A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Pentadecanal-	2765-11-9	NIST98.L	73898	68	C15H30O	226
(Z)-14-Tricosenyl formate	77899-10-6	NIST98.L	147061	60	C24H46O2	366
Oxirane, hexadecyl-	7390-81-0	NIST98.L	99460	58	C18H36O	268



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Date : 24-AUG-2005 20:01

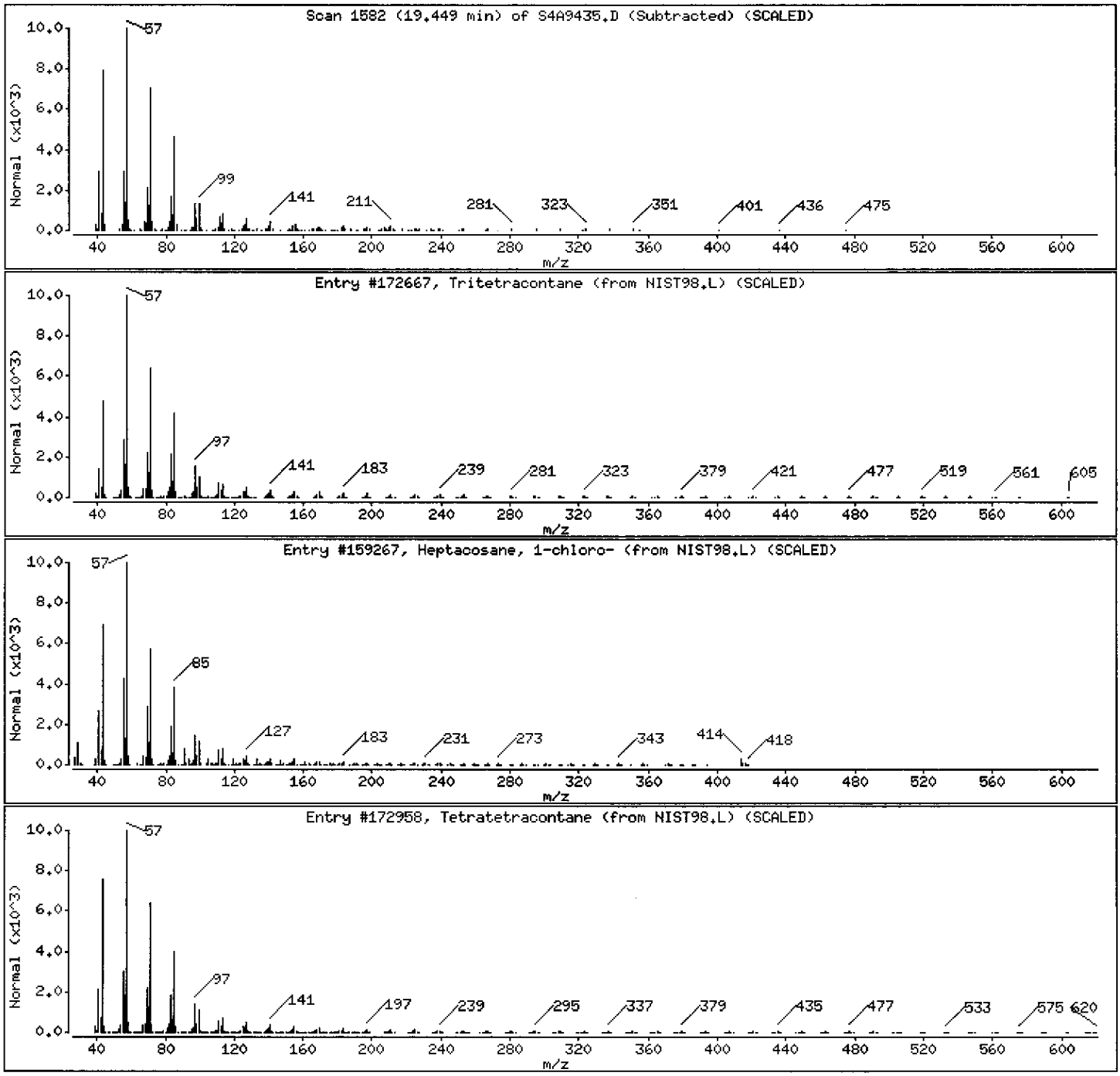
Client ID: SS11-S-M Instrument: S4.i

Sample Info: D0926-19A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-Chain Alkane						
Tritetracontane	7098-21-7	NIST98.L	172667	90	C43H88	605
Heptacosane, 1-chloro-	62016-79-9	NIST98.L	159267	90	C27H55Cl	414
Tetratetracontane	7098-22-8	NIST98.L	172958	90	C44H90	619



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Date : 24-AUG-2005 20:01

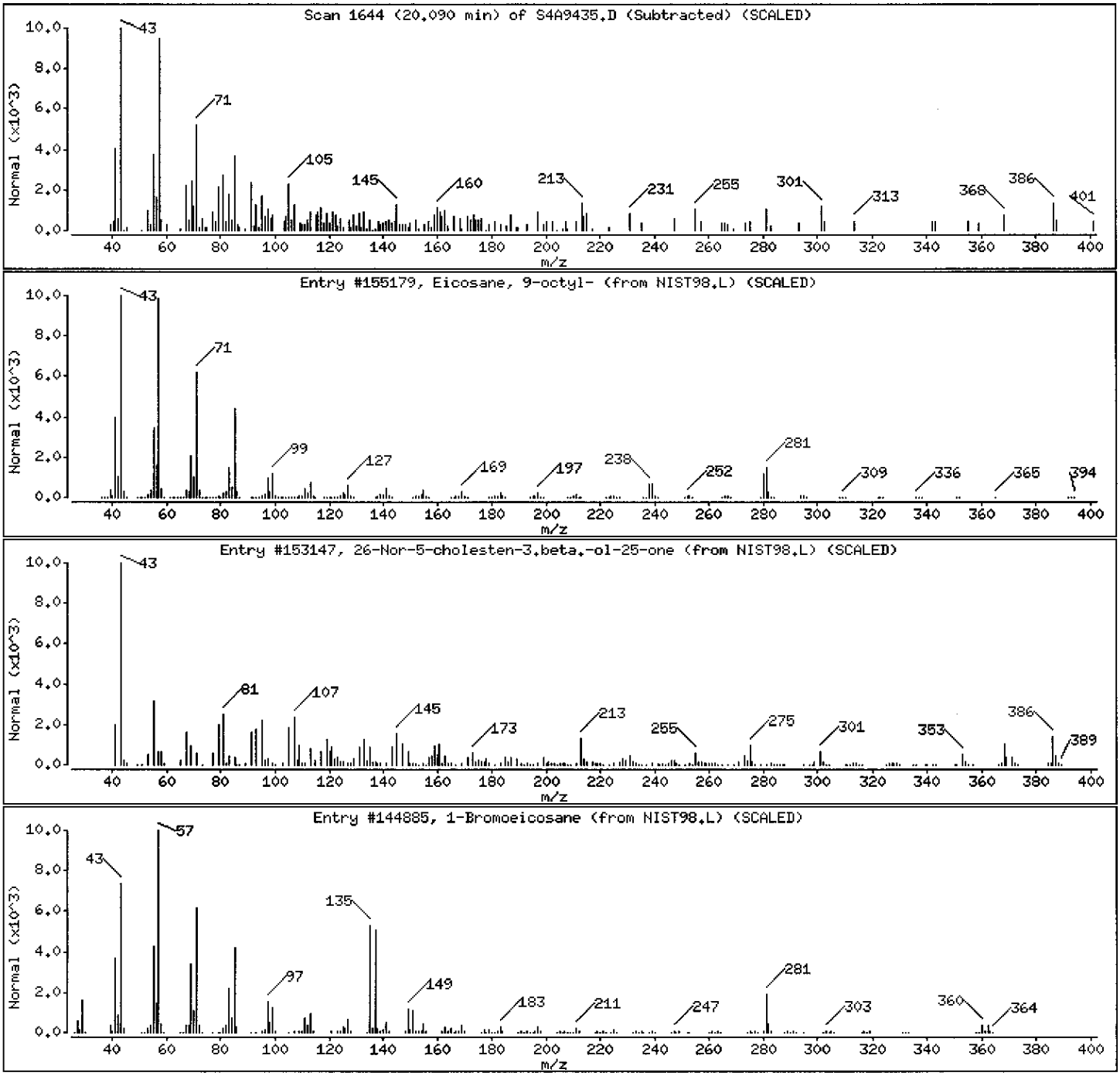
Client ID: SS11-S-M Instrument: S4.i

Sample Info: D0926-19A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Eicosane, 9-octyl-	13475-77-9	NIST98.L	155179	49	C28H58	394
26-Nor-5-cholesten-3.beta.-ol-25-one	7494-34-0	NIST98.L	153147	44	C26H42O2	386
1-Bromoeicosane	4276-49-7	NIST98.L	144885	43	C20H41Br	360



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Date : 24-AUG-2005 20:01

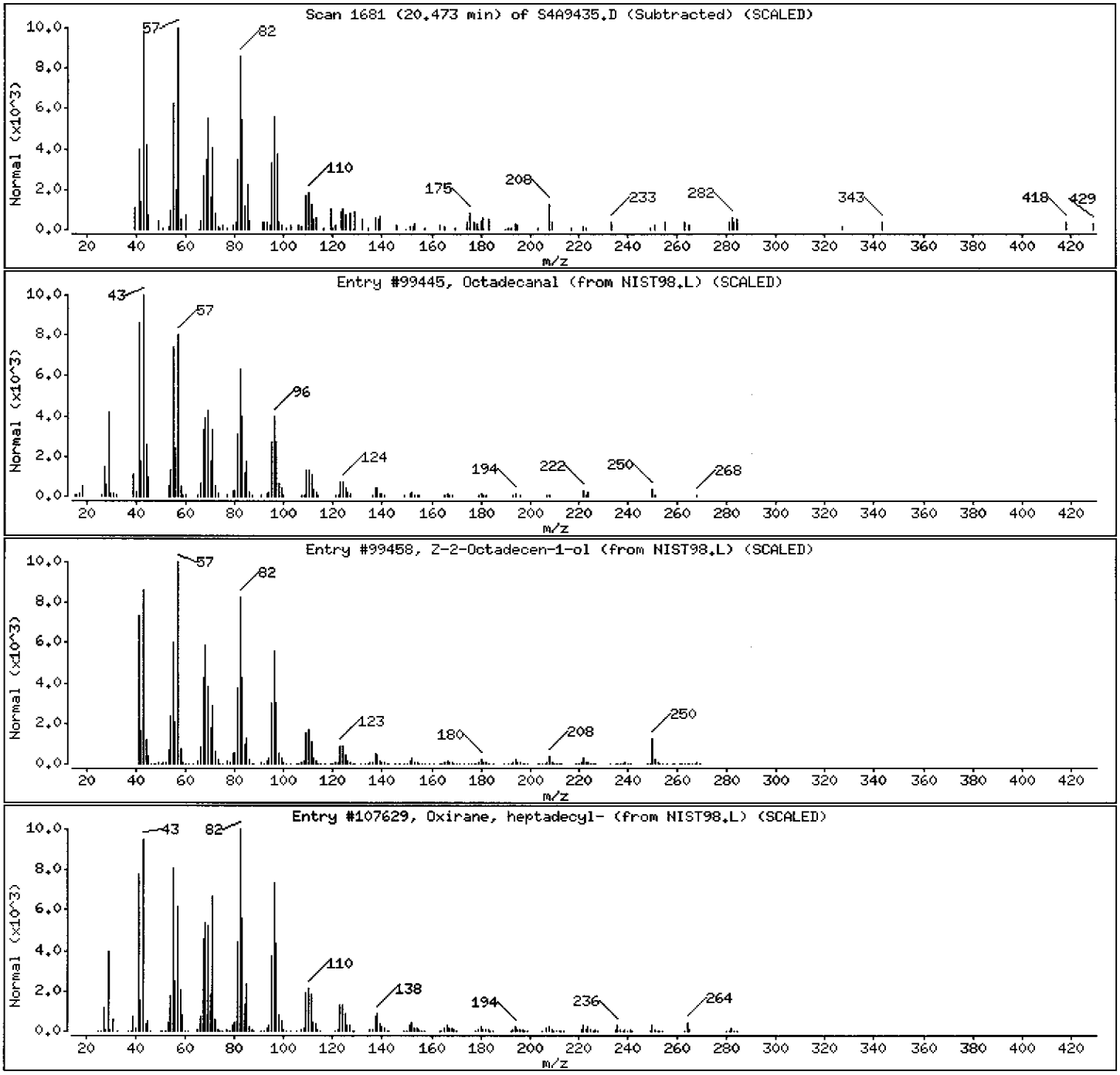
Client ID: SS11-S-M Instrument: S4.i

Sample Info: D0926-19A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octadecanal	638-66-4	NIST98.L	99445	91	C18H36O	268
Z-2-Octadecen-1-ol	1000131-11-0	NIST98.L	99458	64	C18H36O	268
Oxirane, heptadecyl-	67860-04-2	NIST98.L	107629	62	C19H38O	282



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9435.D

Date : 24-AUG-2005 20:01

Client ID: SS11-S-M

Instrument: S4.i

Sample Info: D0926-19A,,19468,,

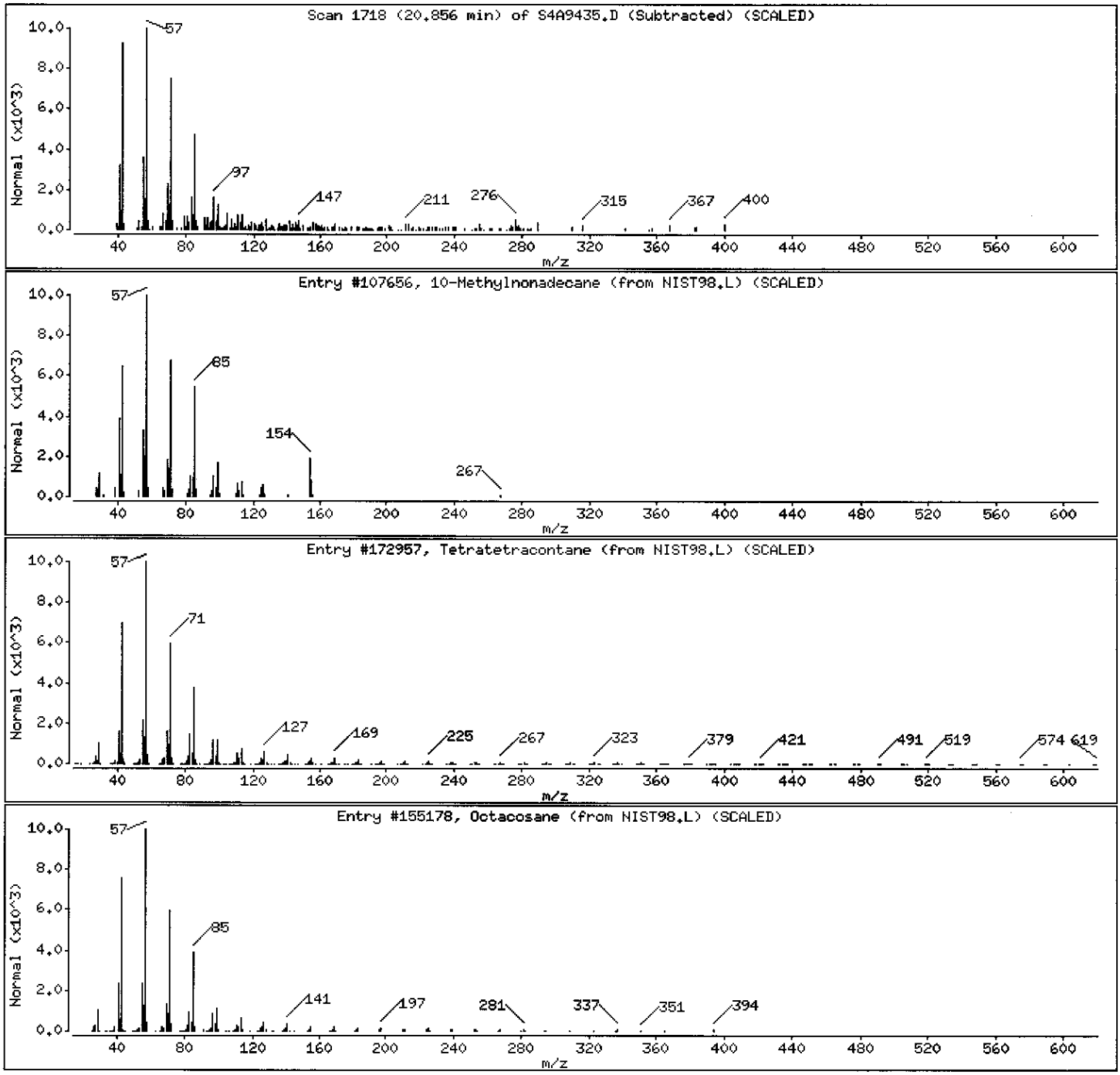
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
10-Methylnonadecane	56862-62-5	NIST98.L	107656	90	C20H42	282
Tetratetracontane	7098-22-8	NIST98.L	172957	90	C44H90	619
Octacosane	630-02-4	NIST98.L	155178	90	C28H58	394



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Date : 24-AUG-2005 20:01

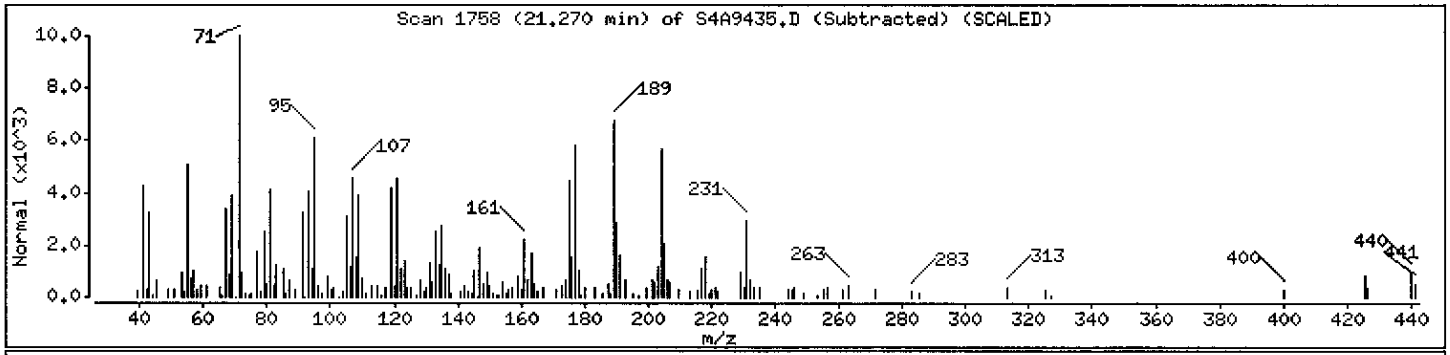
Client ID: SS11-S-M Instrument: S4.i

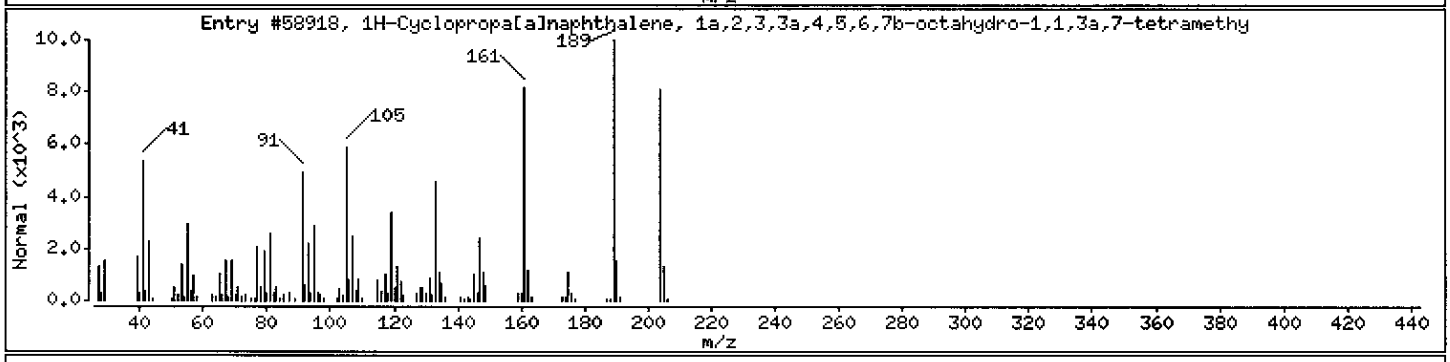
Sample Info: D0926-19A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1H-Cyclopropa[a]naphthalene, 1a,2,3,3a,4	489-29-2	NIST98.L	58918	43	C15H24	204





Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9435.D

Date : 24-AUG-2005 20:01

Client ID: SS11-S-M

Instrument: S4.i

Sample Info: D0926-19A,,19468,,

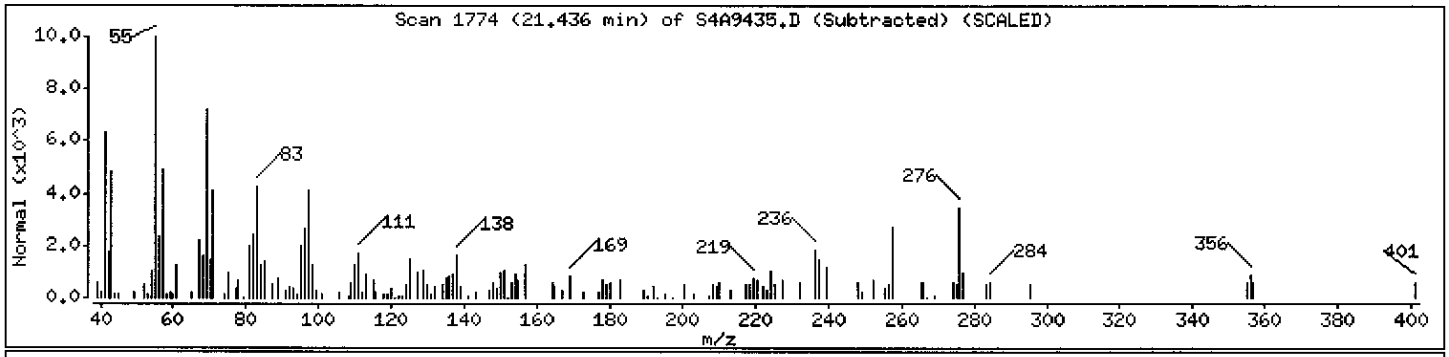
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9435.D

Date : 24-AUG-2005 20:01

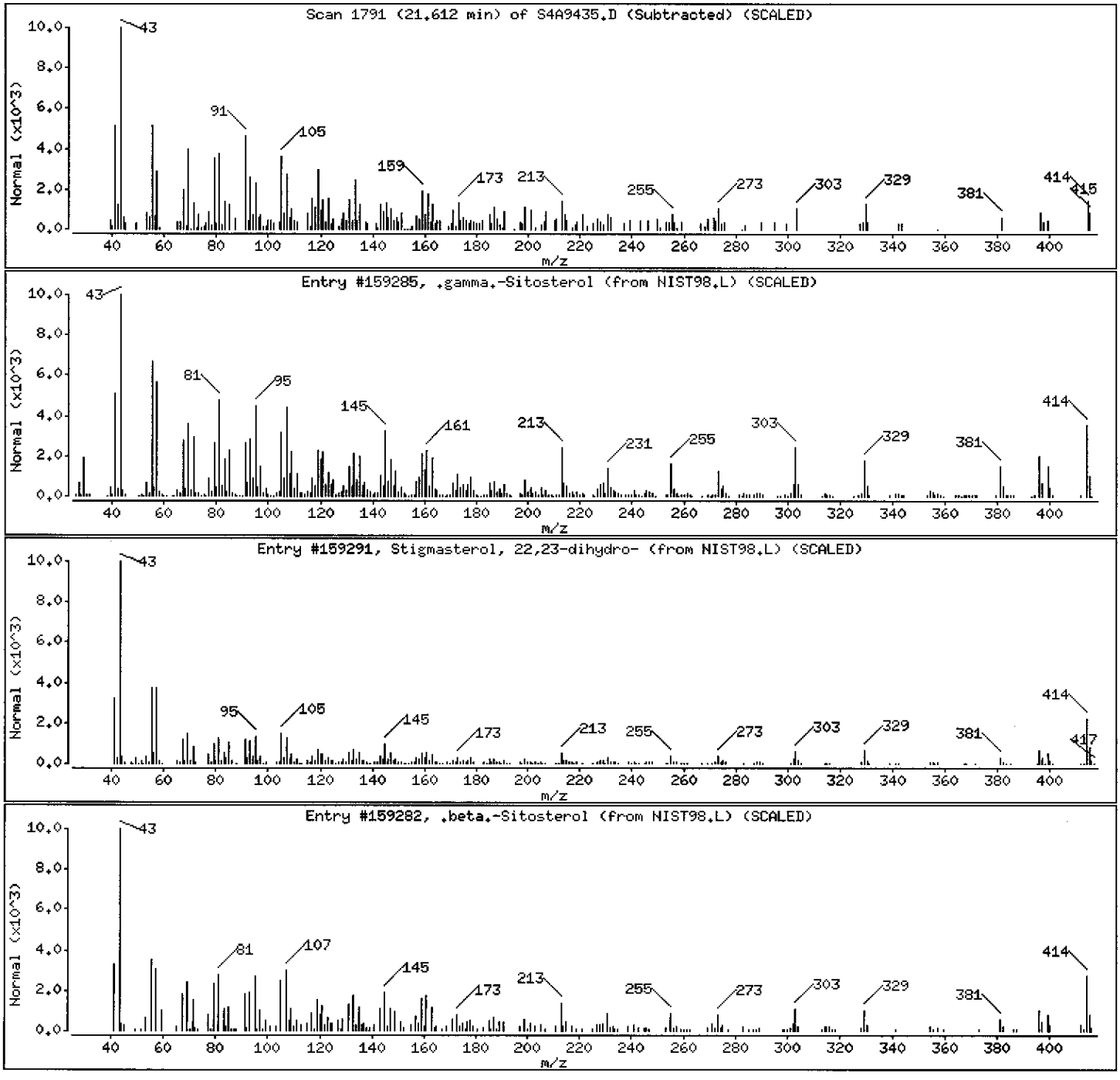
Client ID: SS11-S-M Instrument: S4.i

Sample Info: D0926-19A,,19468,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.gamma.-Sitosterol	83-47-6	NIST98.L	159285	92	C29H500	414
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST98.L	159291	86	C29H500	414
.beta.-Sitosterol	83-46-5	NIST98.L	159282	86	C29H500	414



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Date : 24-AUG-2005 20:01

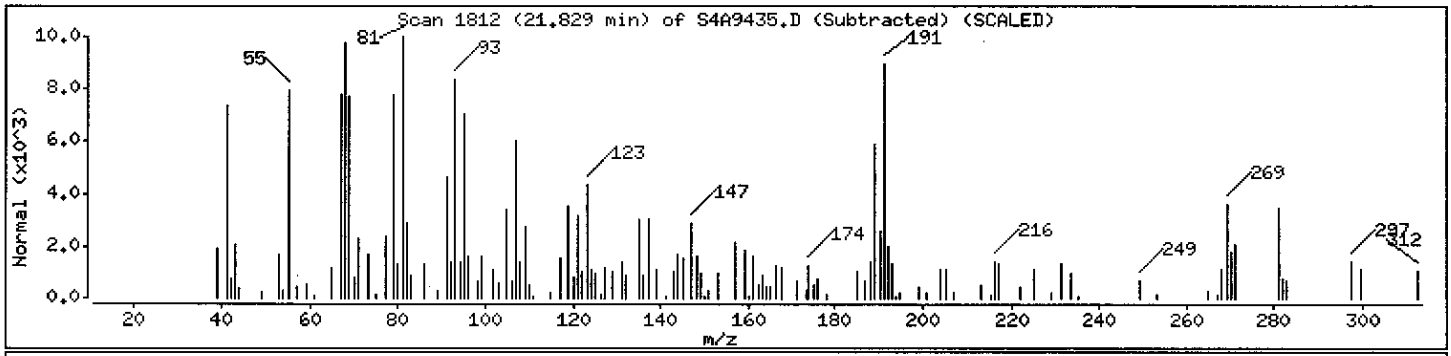
Client ID: SS11-S-M Instrument: S4.i

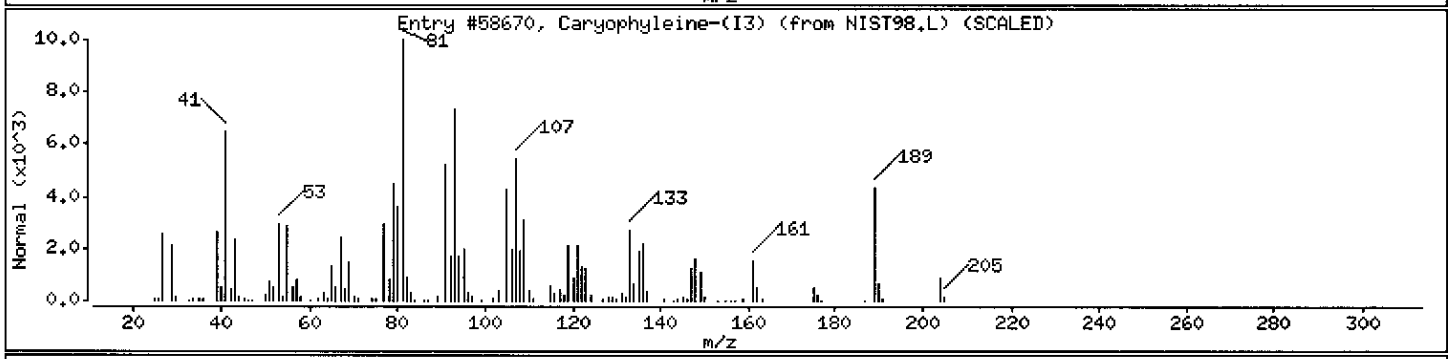
Sample Info: D0926-19A,,19468,,

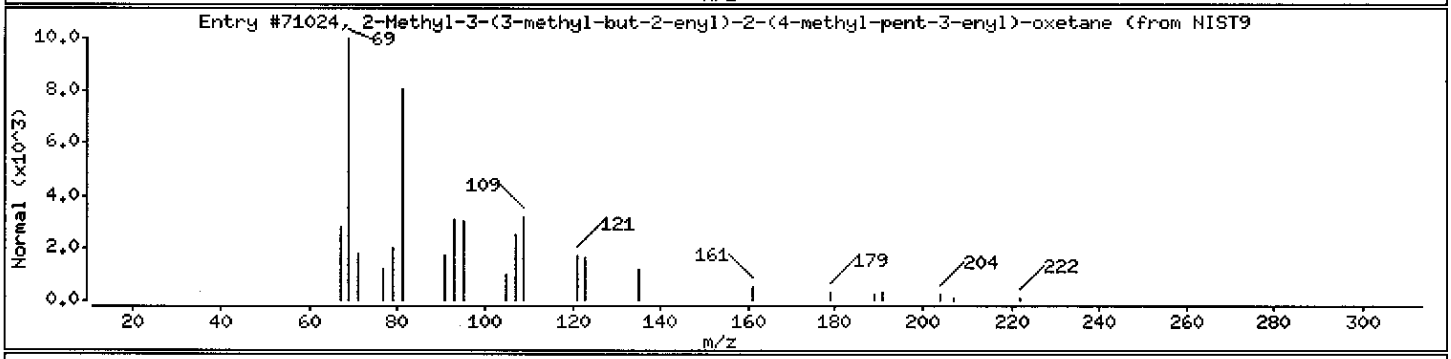
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

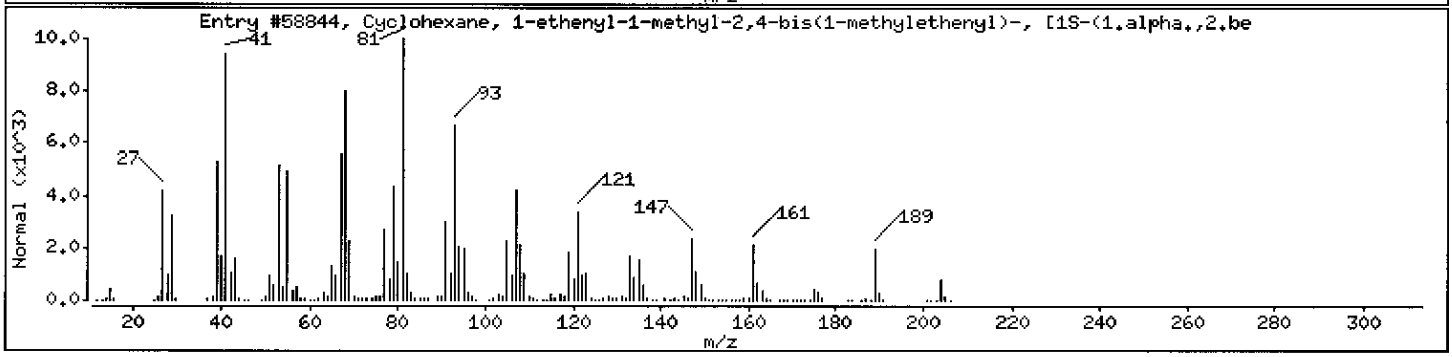
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Caryophyleine-(I3)	136296-37-2	NIST98.L	58670	46	C15H24	204
2-Methyl-3-(3-methyl-but-2-enyl)-2-(4-me	1000144-10-2	NIST98.L	71024	46	C15H260	222
Cyclohexane, 1-ethenyl-1-methyl-2,4-bis(	515-13-9	NIST98.L	58844	46	C15H24	204









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Date : 24-AUG-2005 20:01

Client ID: SS11-S-M

Instrument: S4.i

Sample Info: D0926-19A,,19468,,

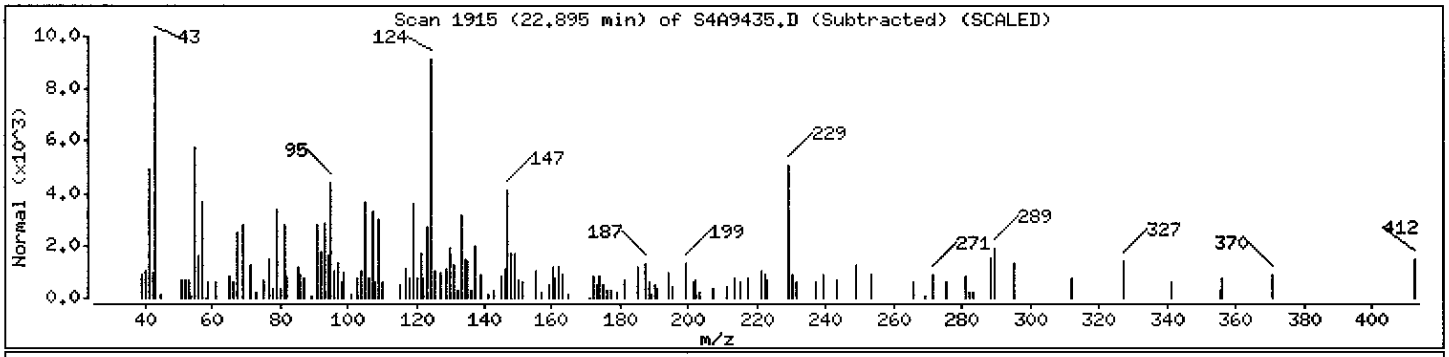
Volume Injected (uL): 2.0

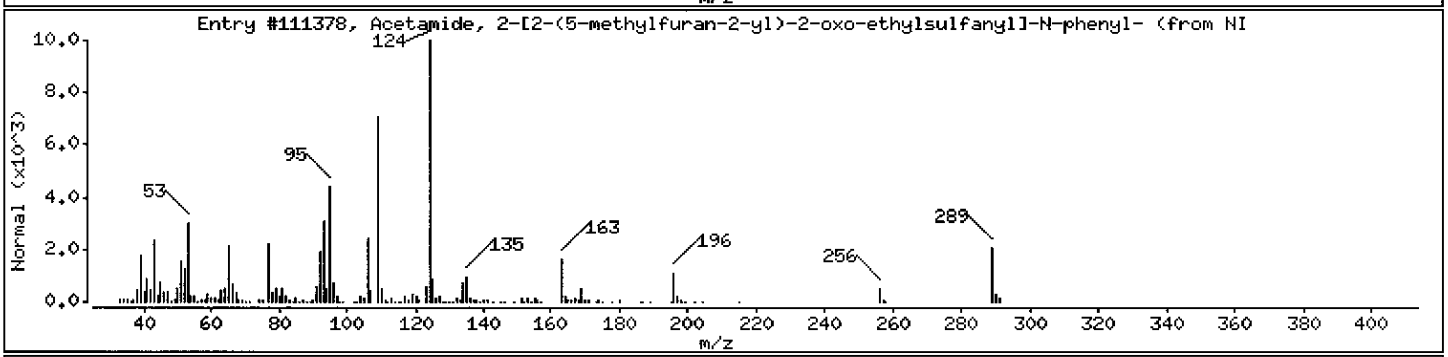
Operator: AW SRC: LIMS

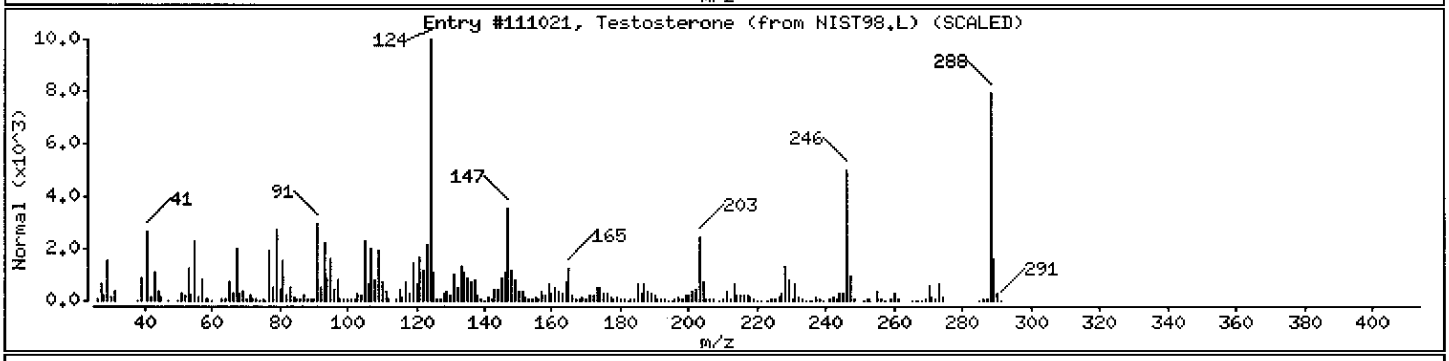
Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Acetamide, 2-[2-(5-methylfuran-2-yl)-2-o	1000259-79-3	NIST98.L	111378	45	C15H15NO3S	289
Testosterone	58-22-0	NIST98.L	111021	42	C19H28O2	288







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Date : 24-AUG-2005 20:01

Client ID: SS11-S-M

Instrument: S4.i

Sample Info: D0926-19A,,19468,,

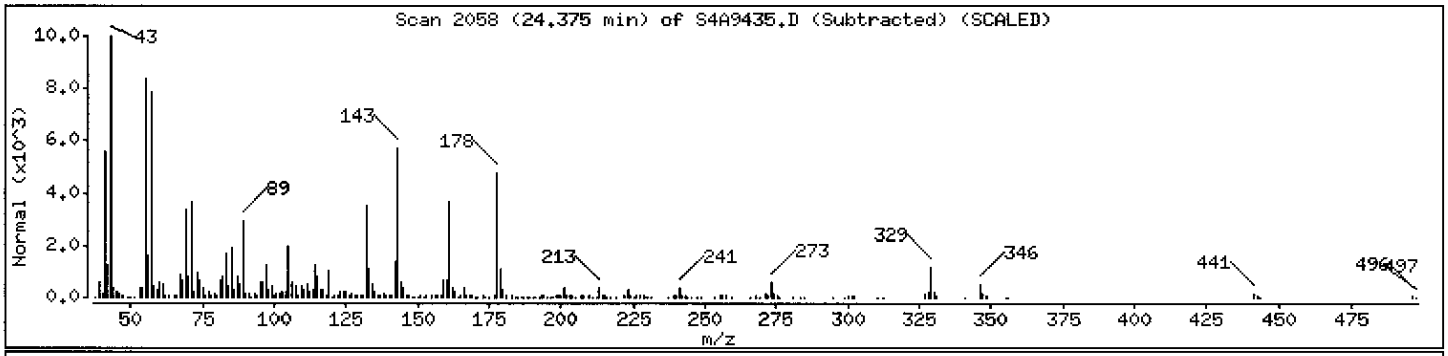
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: S4 Calibration Date(s): 08/19/05 08/19/05

Calibration Times: 1139 1415

LAB FILE ID: RRF20 = S4A9358 RRF50 = S4A9356A
RRF80 = S4A9359 RRF120= S4A9360 RRF160= S4A9357

COMPOUND		RRF20	RRF50	RRF80	RRF120	RRF160	$\overline{RRF}$	% RSD
Benzaldehyde		0.496	0.438	0.674	0.749	0.985	0.668	32.6
Phenol	*	1.631	2.000	1.741	1.727	1.905	1.801	8.3*
bis(2-Chloroethyl)Ether	*	1.219	1.433	1.272	1.271	1.381	1.315	6.7*
2-Chlorophenol	*	1.254	1.495	1.318	1.352	1.444	1.373	7.0*
2-Methylphenol	*	1.161	1.419	1.231	1.230	1.330	1.274	7.9*
2,2'-oxybis(1-Chloropropane)		1.788	2.160	1.866	1.823	1.991	1.926	7.9
Acetophenone		1.888	2.249	2.012	2.037	2.216	2.080	7.2
4-Methylphenol	*	1.219	1.498	1.307	1.316	1.454	1.359	8.4*
N-Nitroso-di-n-propylamine	*	0.980	1.172	1.037	1.036	1.117	1.068	7.1*
Hexachloroethane	*	0.603	0.714	0.634	0.619	0.676	0.649	6.9*
Nitrobenzene	*	0.409	0.479	0.431	0.427	0.473	0.444	6.9*
Isophorone	*	0.676	0.778	0.713	0.709	0.770	0.729	5.9*
2-Nitrophenol	*	0.164	0.194	0.181	0.180	0.196	0.183	7.1*
2,4-Dimethylphenol	*	0.186	0.307	0.219	0.239	0.287	0.248	19.9*
bis(2-Chloroethoxy)methane	*	0.382	0.454	0.405	0.409	0.447	0.419	7.2*
2,4-Dichlorophenol	*	0.249	0.303	0.270	0.270	0.297	0.278	7.9*
Naphthalene	*	0.955	1.138	1.020	1.027	1.120	1.052	7.2*
4-Chloroaniline		0.263	0.185	0.235	0.243	0.064	0.198	40.5
Hexachlorobutadiene		0.152	0.181	0.166	0.168	0.181	0.170	7.2
Caprolactam		0.100	0.119	0.108	0.106	0.116	0.110	7.1
4-Chloro-3-Methylphenol	*	0.286	0.348	0.312	0.309	0.343	0.320	8.0*
2-Methylnaphthalene	*	0.627	0.745	0.681	0.681	0.739	0.695	7.0*
Hexachlorocyclopentadiene		0.169	0.310	0.249	0.271	0.345	0.269	24.9
2,4,6-Trichlorophenol	*	0.295	0.358	0.306	0.297	0.348	0.321	9.3*
2,4,5-Trichlorophenol	*		0.437	0.415	0.407	0.440	0.425	3.9*
1,1'-Biphenyl		1.384	1.669	1.532	1.516	1.670	1.554	7.7
2-Chloronaphthalene	*	1.074	1.274	1.163	1.167	1.288	1.193	7.4*
2-Nitroaniline			0.470	0.437	0.427	0.473	0.452	5.2
Dimethylphthalate		1.216	1.437	1.319	1.318	1.433	1.345	6.9
2,6-Dinitrotoluene	*	0.258	0.312	0.291	0.297	0.318	0.295	7.9*
Acenaphthylene	*	1.658	1.994	1.826	1.822	2.019	1.864	7.9*
3-Nitroaniline			0.327	0.312	0.310	0.322	0.318	2.5
Acenaphthene	*	1.090	1.322	1.201	1.190	1.354	1.231	8.7*
2,4-Dinitrophenol			0.120	0.133	0.148	0.159	0.140	12.4
4-Nitrophenol			0.233	0.215	0.210	0.234	0.223	5.4
Dibenzofuran	*	1.544	1.836	1.698	1.697	1.878	1.731	7.6*

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

6D

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: S4 Calibration Date(s): 08/19/05 08/19/05

Calibration Times: 1139 1415

LAB FILE ID: RRF20 = S4A9358 RRF50 = S4A9356A
RRF80 = S4A9359 RRF120= S4A9360 RRF160= S4A9357

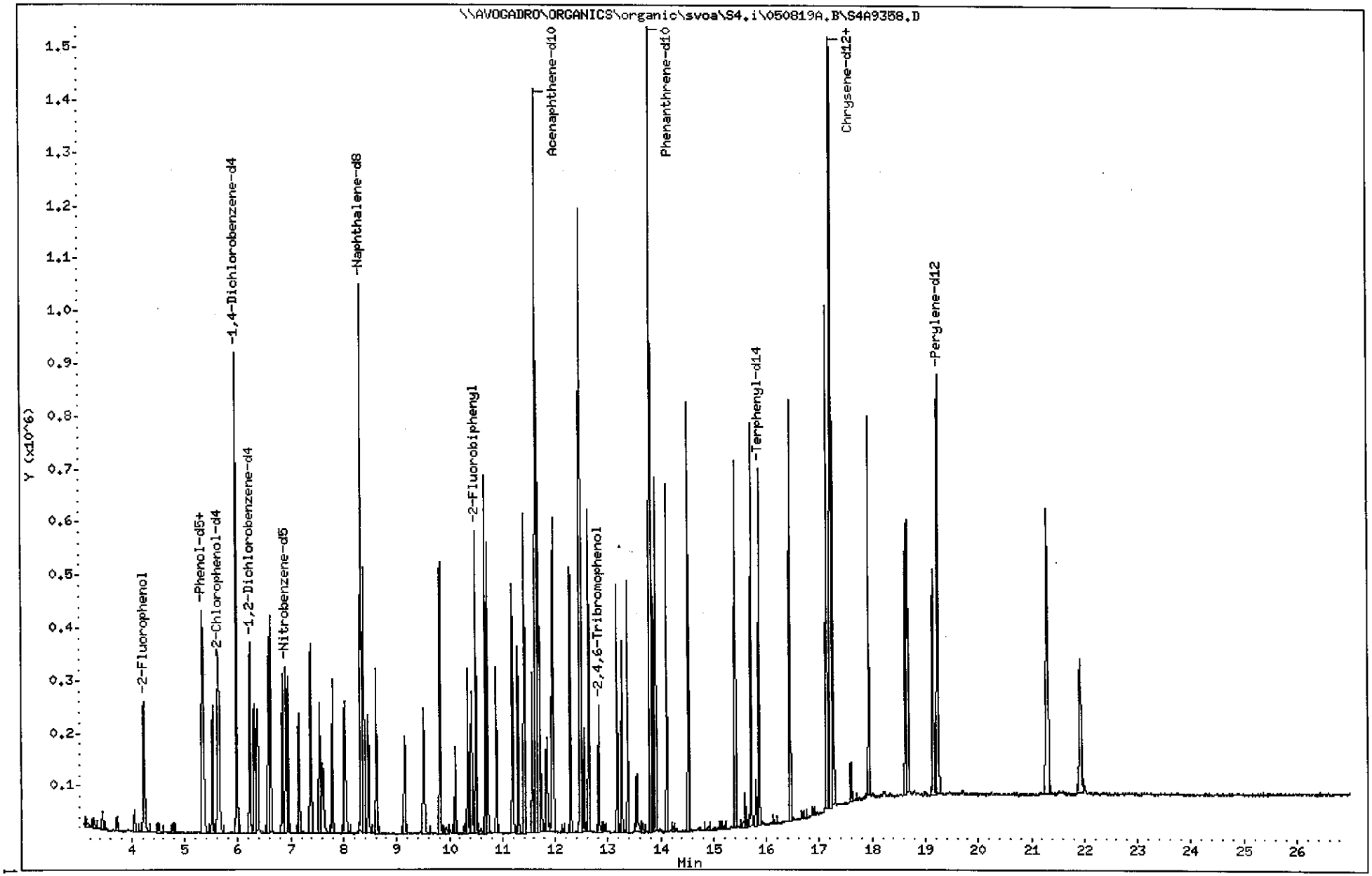
COMPOUND		RRF20	RRF50	RRF80	RRF120	RRF160	$\overline{RRF}$	% RSD
2,4-Dinitrotoluene	*	0.350	0.421	0.401	0.406	0.434	0.402	8.0*
Diethylphthalate		1.292	1.544	1.387	1.387	1.485	1.419	6.9
Fluorene	*	1.309	1.598	1.470	1.506	1.674	1.511	9.2*
4-Chlorophenyl-phenylether	*	0.586	0.701	0.650	0.668	0.733	0.668	8.3*
4-Nitroaniline			0.377	0.345	0.340	0.379	0.360	5.7
4,6-Dinitro-2-methylphenol			0.121	0.123	0.129	0.142	0.129	7.5
N-Nitrosodiphenylamine (1)		0.520	0.595	0.547	0.554	0.557	0.555	4.8
4-Bromophenyl-phenylether	*	0.190	0.227	0.206	0.210	0.232	0.213	8.0*
Hexachlorobenzene	*	0.187	0.218	0.196	0.202	0.226	0.206	7.9*
Atrazine		0.185	0.153	0.185	0.193	0.141	0.171	13.4
Pentachlorophenol	*		0.104	0.092	0.097	0.118	0.103	11.3*
Phenanthrene	*	1.089	1.310	1.166	1.202	1.356	1.225	8.8*
Anthracene	*	1.029	1.249	1.105	1.125	1.256	1.153	8.5*
Carbazole		0.976	1.134	1.008	0.989	1.139	1.049	7.7
Di-n-butylphthalate		1.306	1.573	1.400	1.433	1.639	1.470	9.2
Fluoranthene	*	1.079	1.279	1.169	1.187	1.337	1.210	8.3*
Pyrene	*	1.329	1.567	1.417	1.420	1.553	1.457	6.9*
Butylbenzylphthalate		0.665	0.778	0.701	0.711	0.766	0.724	6.5
3,3'-Dichlorobenzidine		0.301	0.349	0.305	0.316	0.284	0.311	7.8
Benzo(a)anthracene	*	1.172	1.387	1.256	1.289	1.423	1.305	7.7*
Chrysene	*	1.076	1.280	1.180	1.219	1.308	1.213	7.5*
bis(2-Ethylhexyl)phthalate		0.899	1.099	0.986	1.003	1.089	1.015	8.1
Di-n-octylphthalate		1.927	2.224	2.107	2.165	2.347	2.154	7.2
Benzo(b)fluoranthene	*	1.456	1.771	1.648	1.549	1.791	1.643	8.7*
Benzo(k)fluoranthene	*	1.407	1.601	1.532	1.727	1.732	1.600	8.6*
Benzo(a)pyrene	*	1.210	1.372	1.323	1.341	1.378	1.325	5.1*
Indeno(1,2,3-cd)pyrene	*	1.454	1.688	1.621	1.666	1.798	1.645	7.6*
Dibenzo(a,h)anthracene	*	1.223	1.450	1.405	1.454	1.562	1.419	8.7*
Benzo(g,h,i)perylene	*	1.186	1.368	1.286	1.311	1.405	1.311	6.4*
Nitrobenzene-d5	*	0.418	0.488	0.444	0.441	0.480	0.454	6.4*
2-Fluorobiphenyl	*	1.285	1.531	1.420	1.422	1.556	1.443	7.5*
Terphenyl-d14	*	0.934	1.082	0.984	1.009	1.123	1.026	7.4*
Phenol-d5	*	1.619	1.950	1.748	1.731	1.918	1.793	7.7*
2-Fluorophenol	*	1.144	1.394	1.220	1.194	1.313	1.253	8.0*
2,4,6-Tribromophenol		0.088	0.105	0.083	0.082	0.113	0.094	15.1
2-Chlorophenol-d4	*	1.323	1.570	1.396	1.396	1.514	1.440	6.9*
1,2-Dichlorobenzene-d4	*	0.894	1.031	0.929	0.920	0.996	0.954	6.0*

(1) Cannot be separated from Diphenylamine
* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050819A.B\S4A9358.D
Date : 19-AUG-2005 12:57
Client ID: SSTD0204P
Sample Info: SSTD0204P,SSTD0204P

Instrument: S4.i

Operator: AW SRC: AW
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9358.D
Report Date: 25-Aug-2005 13:50

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050819A.B\S4A9358.D
Lab Smp Id: SSTD0204P Client Smp ID: SSTD0204P
Inj Date : 19-AUG-2005 12:57
Operator : AW SRC: AW Inst ID: S4.i
Smp Info : SSTD0204P,SSTD0204P
Misc Info : 1,1,,3 | OLM
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050819A.B\s4_olm4_2_S.m
Meth Date : 19-Aug-2005 15:04 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 11:39 Cal File: S4A9356A.D
Als bottle: 12 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
$	1 2-Fluorophenol	112	4.224	4.224	(0.707)	103286	20.0000	18
	2 Benzaldehyde	77	5.321	5.321	(0.891)	44805	20.0000	16
$	3 Phenol-d5	99	5.331	5.331	(0.893)	146228	20.0000	18
	4 Phenol	94	5.352	5.352	(0.896)	147299	20.0000	18
	5 bis(2-Chloroethyl)Ether	93	5.517	5.517	(0.924)	110108	20.0000	18
$	6 2-Chlorophenol-d4	132	5.621	5.621	(0.941)	119477	20.0000	18
	7 2-Chlorophenol	128	5.642	5.642	(0.945)	113241	20.0000	18
*	8 1,4-Dichlorobenzene-d4	152	5.973	5.973	(1.000)	180607	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	6.232	6.232	(1.043)	80708	20.0000	18
	10 2-Methylphenol	108	6.314	6.314	(1.057)	104868	20.0000	18
	11 2,2'-oxybis(1-Chloropropane)	45	6.366	6.377	(1.066)	161446	20.0000	18
	12 Acetophenone	105	6.625	6.625	(1.109)	170534	20.0000	18
	13 4-Methylphenol	108	6.573	6.573	(1.101)	110082	20.0000	18
	14 N-Nitroso-di-n-propylamine	70	6.594	6.604	(1.104)	88509	20.0000	18
	15 Hexachloroethane	117	6.842	6.842	(1.146)	54464	20.0000	18
$	16 Nitrobenzene-d5	82	6.904	6.915	(0.829)	156230	20.0000	18
	17 Nitrobenzene	77	6.946	6.946	(0.834)	152970	20.0000	18
	18 Isophorone	82	7.380	7.380	(0.886)	252746	20.0000	18
	19 2-Nitrophenol	139	7.546	7.546	(0.906)	61142	20.0000	18
	20 2,4-Dimethylphenol	107	7.598	7.598	(0.912)	69450	20.0000	14
	21 bis(2-Chloroethoxy)methane	93	7.784	7.794	(0.934)	142805	20.0000	18
	22 2,4-Dichlorophenol	162	8.022	8.022	(0.963)	93158	20.0000	18
*	23 Naphthalene-d8	136	8.333	8.333	(1.000)	747721	40.0000	
	24 Naphthalene	128	8.374	8.384	(1.005)	356980	20.0000	18
	25 4-Chloroaniline	127	8.467	8.467	(1.016)	98299	20.0000	31
	26 Hexachlorobutadiene	225	8.623	8.623	(1.035)	56751	20.0000	18

Data File: S4A9358.D
Report Date: 25-Aug-2005 13:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	27 Caprolactam	113	9.150	9.192	(1.098)	37300	20.0000	18
	28 4-Chloro-3-Methylphenol	107	9.513	9.513	(1.142)	107086	20.0000	18
	29 2-Methylnaphthalene	142	9.823	9.823	(1.179)	234524	20.0000	18
	30 Hexachlorocyclopentadiene	237	10.113	10.113	(0.868)	34174	20.0000	12
	31 2,4,6-Trichlorophenol	196	10.341	10.351	(0.888)	59725	20.0000	18
	32 2,4,5-Trichlorophenol	196	10.413	10.423	(0.894)	72941	20.0000	16
$	33 2-Fluorobiphenyl	172	10.496	10.506	(0.901)	260456	20.0000	18
	34 1,1'-Biphenyl	154	10.682	10.682	(0.917)	280478	20.0000	18
	35 2-Chloronaphthalene	162	10.713	10.724	(0.920)	217641	20.0000	18
	36 2-Nitroaniline	65	10.889	10.889	(0.935)	81183	20.0000	17
	37 Dimethylphthalate	163	11.189	11.200	(0.961)	246425	20.0000	18
	38 2,6-Dinitrotoluene	165	11.293	11.303	(0.970)	52352	20.0000	17
	39 Acenaphthylene	152	11.417	11.417	(0.980)	335943	20.0000	18
	40 3-Nitroaniline	138	11.562	11.572	(0.993)	52858	20.0000	16
*	41 Acenaphthene-d10	164	11.645	11.645	(1.000)	405283	40.0000	
	42 Acenaphthene	153	11.697	11.696	(1.004)	220805	20.0000	17
	43 2,4-Dinitrophenol	184	11.738	11.748	(1.008)	15961	20.0000	11
	44 4-Nitrophenol	109	11.841	11.841	(1.017)	38597	20.0000	16
	45 Dibenzofuran	168	11.966	11.966	(1.028)	312791	20.0000	18
	46 2,4-Dinitrotoluene	165	11.935	11.945	(1.025)	70978	20.0000	17
	47 Diethylphthalate	149	12.297	12.297	(1.056)	261879	20.0000	18
	48 Fluorene	166	12.483	12.483	(1.072)	265160	20.0000	17
	49 4-Chlorophenyl-phenylether	204	12.473	12.473	(1.071)	118833	20.0000	17
	50 4-Nitroaniline	138	12.493	12.504	(1.073)	56266	20.0000	15
	51 4,6-Dinitro-2-methylphenol	198	12.545	12.556	(0.909)	28641	20.0000	13
	52 N-Nitrosodiphenylamine	169	12.638	12.649	(0.915)	173437	20.0000	19
$	53 2,4,6-Tribromophenol	330	12.825	12.835	(0.929)	29261	20.0000	17
	54 4-Bromophenyl-phenylether	248	13.177	13.177	(0.954)	63204	20.0000	18
	55 Hexachlorobenzene	284	13.270	13.270	(0.961)	62204	20.0000	18
	56 Atrazine	200	13.373	13.384	(0.969)	61822	20.0000	23
	57 Pentachlorophenol	266	13.539	13.539	(0.981)	23465	20.0000	13
*	58 Phenanthrene-d10	188	13.808	13.808	(1.000)	666734	40.0000	
	59 Phenanthrene	178	13.839	13.839	(1.002)	363137	20.0000	17
	60 Anthracene	178	13.901	13.911	(1.007)	343142	20.0000	17
	61 Carbazole	167	14.108	14.118	(1.022)	325509	20.0000	18
	62 Di-n-butylphthalate	149	14.522	14.522	(1.052)	435300	20.0000	17
	63 Fluoranthene	202	15.402	15.412	(1.115)	359707	20.0000	18
	64 Pyrene	202	15.702	15.712	(0.911)	378382	20.0000	18
$	65 Terphenyl-d14	244	15.868	15.868	(0.921)	265999	20.0000	18
	66 Butylbenzylphthalate	149	16.447	16.447	(0.954)	189287	20.0000	18
	67 3,3'-Dichlorobenzidine	252	17.151	17.151	(0.995)	85663	20.0000	19
	68 Benzo(a)anthracene	228	17.213	17.224	(0.999)	333916	20.0000	18
*	69 Chrysene-d12	240	17.234	17.234	(1.000)	569605	40.0000	
	70 Chrysene	228	17.265	17.265	(1.002)	306579	20.0000	18
	71 bis(2-Ethylhexyl)phthalate	149	17.141	17.141	(0.995)	256101	20.0000	17
	72 Di-n-octylphthalate	149	17.927	17.938	(0.932)	423856	20.0000	18
	73 Benzo(b)fluoranthene	252	18.631	18.641	(0.968)	320275	20.0000	17

Data File: S4A9358.D
Report Date: 25-Aug-2005 13:50

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
74 Benzo(k)fluoranthene	252	18.673	18.683	(0.970)	309488	20.0000	18
75 Benzo(a)pyrene	252	19.149	19.159	(0.995)	266058	20.0000	18
* 76 Perylene-d12	264	19.242	19.242	(1.000)	439849	40.0000	
77 Indeno(1,2,3-cd)pyrene	276	21.302	21.322	(1.107)	319784	20.0000	18
78 Dibenzo(a,h)anthracene	278	21.302	21.322	(1.107)	268935	20.0000	17
79 Benzo(g,h,i)perylene	276	21.923	21.943	(1.139)	260874	20.0000	18

08/25/05
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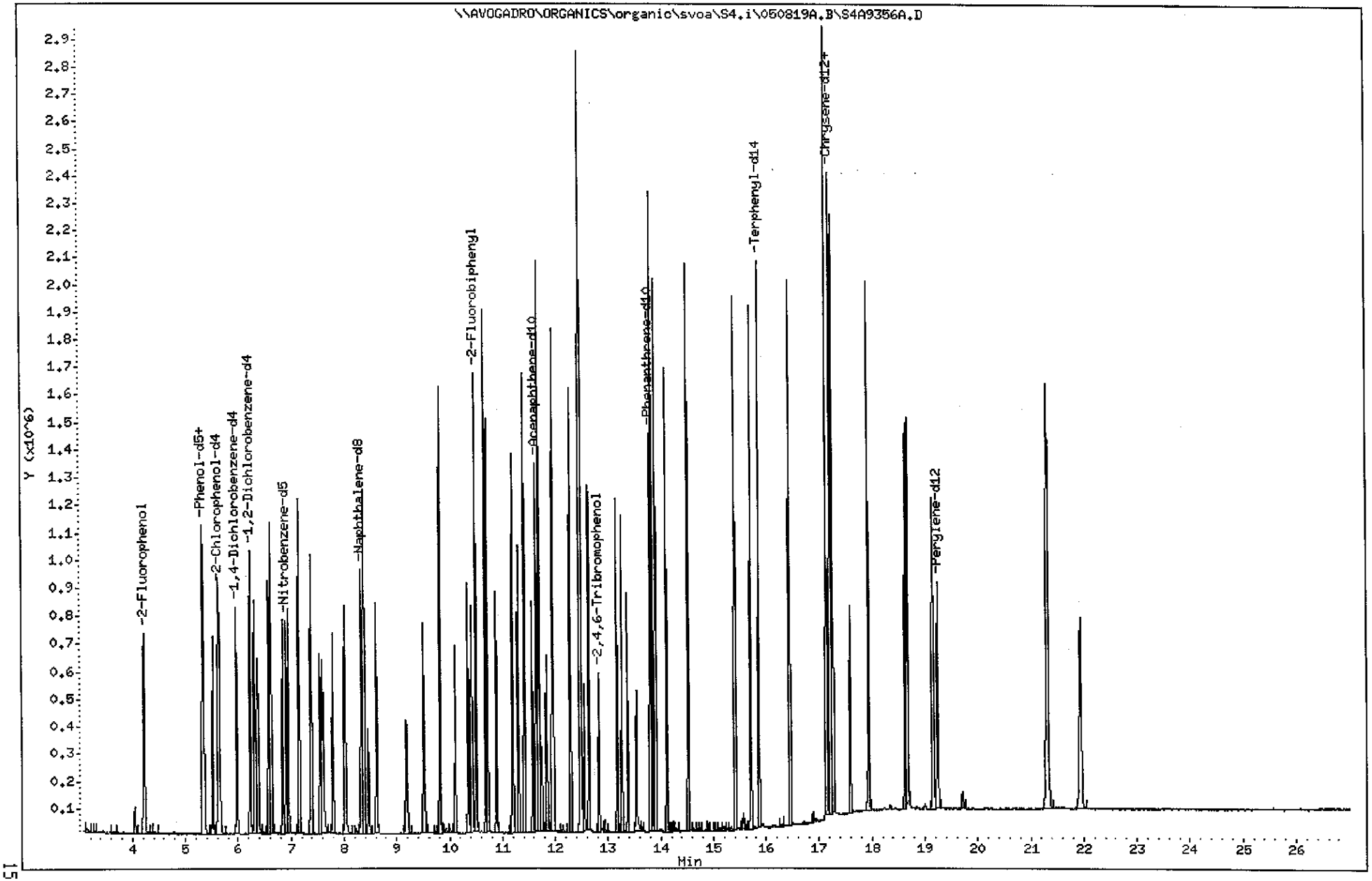
Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050819A.B\S4A9356A.D
Date : 19-AUG-2005 11:39
Client ID: SSTD0504P
Sample Info: SSTD0504P,SSTD0504P

Instrument: S4.i

Operator: AW SRC: AW
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9356A.D
Report Date: 25-Aug-2005 13:50

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050819A.B\S4A9356A.D
Lab Smp Id: SSTD0504P Client Smp ID: SSTD0504P
Inj Date : 19-AUG-2005 11:39
Operator : AW SRC: AW Inst ID: S4.i
Smp Info : SSTD0504P,SSTD0504P
Misc Info : 2,2,,3 | OLM
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050819A.B\s4_olm4_2_S.m
Meth Date : 19-Aug-2005 15:04 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 11:39 Cal File: S4A9356A.D
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	1 2-Fluorophenol	112	4.224	4.224	(0.707)	286327	50.0000	50
	2 Benzaldehyde	77	5.321	5.321	(0.891)	89937	50.0000	50
$	3 Phenol-d5	99	5.331	5.331	(0.893)	400736	50.0000	50
	4 Phenol	94	5.352	5.352	(0.896)	410892	50.0000	50
	5 bis(2-Chloroethyl)Ether	93	5.517	5.517	(0.924)	294366	50.0000	50
$	6 2-Chlorophenol-d4	132	5.621	5.621	(0.941)	322548	50.0000	50
	7 2-Chlorophenol	128	5.642	5.642	(0.945)	307073	50.0000	50
*	8 1,4-Dichlorobenzene-d4	152	5.973	5.973	(1.000)	164364	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	6.232	6.232	(1.043)	211865	50.0000	50
	10 2-Methylphenol	108	6.314	6.314	(1.057)	291470	50.0000	50
	11 2,2'-oxybis(1-Chloropropane)	45	6.377	6.377	(1.068)	443856	50.0000	50
	12 Acetophenone	105	6.625	6.625	(1.109)	462149	50.0000	50
	13 4-Methylphenol	108	6.573	6.573	(1.101)	307696	50.0000	50
	14 N-Nitroso-di-n-propylamine	70	6.604	6.604	(1.106)	240731	50.0000	50
	15 Hexachloroethane	117	6.842	6.842	(1.146)	146595	50.0000	50
$	16 Nitrobenzene-d5	82	6.915	6.915	(0.830)	413897	50.0000	50
	17 Nitrobenzene	77	6.946	6.946	(0.834)	406532	50.0000	50
	18 Isophorone	82	7.380	7.380	(0.886)	660042	50.0000	50
	19 2-Nitrophenol	139	7.546	7.546	(0.906)	164665	50.0000	50
	20 2,4-Dimethylphenol	107	7.598	7.598	(0.912)	260305	50.0000	50
	21 bis(2-Chloroethoxy)methane	93	7.794	7.794	(0.935)	385767	50.0000	50
	22 2,4-Dichlorophenol	162	8.022	8.022	(0.963)	257316	50.0000	50
*	23 Naphthalene-d8	136	8.333	8.333	(1.000)	679038	40.0000	
	24 Naphthalene	128	8.384	8.384	(1.006)	965579	50.0000	50
	25 4-Chloroaniline	127	8.467	8.467	(1.016)	156946	50.0000	50
	26 Hexachlorobutadiene	225	8.623	8.623	(1.035)	153387	50.0000	50

Data File: S4A9356A.D
Report Date: 25-Aug-2005 13:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	27 Caprolactam	113	9.192	9.192	(1.103)	101209	50.0000	50
	28 4-Chloro-3-Methylphenol	107	9.513	9.513	(1.142)	295576	50.0000	50
	29 2-Methylnaphthalene	142	9.823	9.823	(1.179)	632537	50.0000	50
	30 Hexachlorocyclopentadiene	237	10.113	10.113	(0.868)	142924	50.0000	50
	31 2,4,6-Trichlorophenol	196	10.351	10.351	(0.889)	164870	50.0000	50
	32 2,4,5-Trichlorophenol	196	10.423	10.423	(0.895)	201548	50.0000	50
$	33 2-Fluorobiphenyl	172	10.506	10.506	(0.902)	705461	50.0000	50
	34 1,1'-Biphenyl	154	10.682	10.682	(0.917)	769005	50.0000	50
	35 2-Chloronaphthalene	162	10.724	10.724	(0.921)	587139	50.0000	50
	36 2-Nitroaniline	65	10.889	10.889	(0.935)	216543	50.0000	50
	37 Dimethylphthalate	163	11.200	11.200	(0.962)	662079	50.0000	50
	38 2,6-Dinitrotoluene	165	11.303	11.303	(0.971)	143561	50.0000	50
	39 Acenaphthylene	152	11.417	11.417	(0.980)	919043	50.0000	50
	40 3-Nitroaniline	138	11.572	11.572	(0.994)	150782	50.0000	50
*	41 Acenaphthene-d10	164	11.645	11.645	(1.000)	368671	40.0000	
	42 Acenaphthene	153	11.696	11.696	(1.004)	609341	50.0000	50
	43 2,4-Dinitrophenol	184	11.748	11.748	(1.009)	55175	50.0000	50
	44 4-Nitrophenol	109	11.841	11.841	(1.017)	107411	50.0000	50
	45 Dibenzofuran	168	11.966	11.966	(1.028)	846137	50.0000	50
	46 2,4-Dinitrotoluene	165	11.945	11.945	(1.026)	194212	50.0000	50
	47 Diethylphthalate	149	12.297	12.297	(1.056)	711663	50.0000	50
	48 Fluorene	166	12.483	12.483	(1.072)	736252	50.0000	50
	49 4-Chlorophenyl-phenylether	204	12.473	12.473	(1.071)	323242	50.0000	50
	50 4-Nitroaniline	138	12.504	12.504	(1.074)	173908	50.0000	50
	51 4,6-Dinitro-2-methylphenol	198	12.556	12.556	(0.909)	92283	50.0000	50
	52 N-Nitrosodiphenylamine	169	12.649	12.649	(0.916)	454131	50.0000	50
$	53 2,4,6-Tribromophenol	330	12.835	12.835	(0.930)	80130	50.0000	50
	54 4-Bromophenyl-phenylether	248	13.177	13.177	(0.954)	173490	50.0000	50
	55 Hexachlorobenzene	284	13.270	13.270	(0.961)	166249	50.0000	50
	56 Atrazine	200	13.384	13.384	(0.969)	117085	50.0000	50
	57 Pentachlorophenol	266	13.539	13.539	(0.981)	79641	50.0000	50
*	58 Phenanthrene-d10	188	13.808	13.808	(1.000)	610837	40.0000	
	59 Phenanthrene	178	13.839	13.839	(1.002)	999921	50.0000	50
	60 Anthracene	178	13.911	13.911	(1.007)	953651	50.0000	50
	61 Carbazole	167	14.118	14.118	(1.022)	865584	50.0000	50
	62 Di-n-butylphthalate	149	14.522	14.522	(1.052)	1201402	50.0000	50
	63 Fluoranthene	202	15.412	15.412	(1.116)	976357	50.0000	50
	64 Pyrene	202	15.712	15.712	(0.912)	1054833	50.0000	50
$	65 Terphenyl-d14	244	15.868	15.868	(0.921)	728020	50.0000	50
	66 Butylbenzylphthalate	149	16.447	16.447	(0.954)	523865	50.0000	50
	67 3,3'-Dichlorobenzidine	252	17.151	17.151	(0.995)	234980	50.0000	50
	68 Benzo(a)anthracene	228	17.224	17.224	(0.999)	933463	50.0000	50
*	69 Chrysene-d12	240	17.234	17.234	(1.000)	538408	40.0000	
	70 Chrysene	228	17.265	17.265	(1.002)	861672	50.0000	50
	71 bis(2-Ethylhexyl)phthalate	149	17.141	17.141	(0.995)	739797	50.0000	50
	72 Di-n-octylphthalate	149	17.938	17.938	(0.932)	1194136	50.0000	50
	73 Benzo(b)fluoranthene	252	18.641	18.641	(0.969)	951160	50.0000	50

Data File: S4A9356A.D
Report Date: 25-Aug-2005 13:50

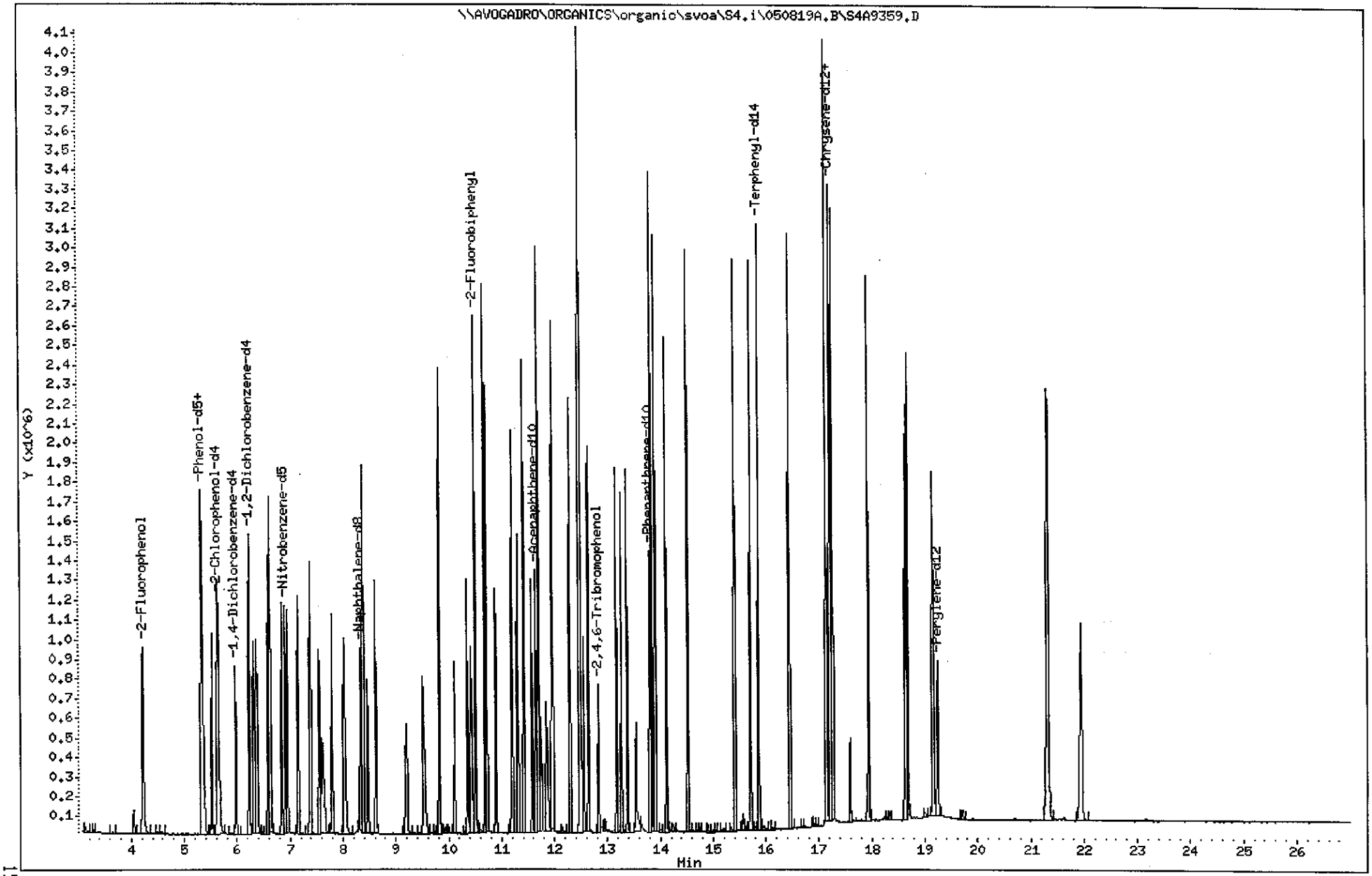
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	74 Benzo(k)fluoranthene	252	18.683	18.683	(0.971)	859719	50.0000	50
	75 Benzo(a)pyrene	252	19.159	19.159	(0.996)	736794	50.0000	50
*	76 Perylene-d12	264	19.242	19.242	(1.000)	429575	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	21.322	21.322	(1.108)	906425	50.0000	50
	78 Dibenzo(a,h)anthracene	278	21.322	21.322	(1.108)	778461	50.0000	50
	79 Benzo(g,h,i)perylene	276	21.943	21.943	(1.140)	734457	50.0000	50

08/25/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050819A.B\S4A9359.D
Date : 19-AUG-2005 13:33
Client ID: SSTD0804P
Sample Info: SSTD0804P,SSTD0804P

Instrument: S4.i

Operator: AW SRC: AW
Column phase: DB-5MS
Column diameter: 0.25



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Data File: S4A9359.D
Report Date: 25-Aug-2005 13:50

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050819A.B\S4A9359.D
Lab Smp Id: SSTD0804P Client Smp ID: SSTD0804P
Inj Date : 19-AUG-2005 13:33
Operator : AW SRC: AW Inst ID: S4.i
Smp Info : SSTD0804P,SSTD0804P
Misc Info : 1,3,,3 | OLM
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050819A.B\s4_olm4_2_S.m
Meth Date : 19-Aug-2005 15:04 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 11:39 Cal File: S4A9356A.D
Als bottle: 13 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	1 2-Fluorophenol	112	4.224	4.224	(0.707)	414641	80.0000	77
	2 Benzaldehyde	77	5.321	5.321	(0.891)	229147	80.0000	83
$	3 Phenol-d5	99	5.331	5.331	(0.893)	594069	80.0000	77
	4 Phenol	94	5.352	5.352	(0.896)	591709	80.0000	77
	5 bis(2-Chloroethyl)Ether	93	5.517	5.517	(0.924)	432457	80.0000	77
$	6 2-Chlorophenol-d4	132	5.621	5.621	(0.941)	474512	80.0000	77
	7 2-Chlorophenol	128	5.652	5.642	(0.946)	448103	80.0000	77
*	8 1,4-Dichlorobenzene-d4	152	5.973	5.973	(1.000)	169958	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	6.232	6.232	(1.043)	315892	80.0000	77
	10 2-Methylphenol	108	6.314	6.314	(1.057)	418535	80.0000	77
	11 2,2'-oxybis(1-Chloropropane)	45	6.377	6.377	(1.068)	634119	80.0000	76
	12 Acetophenone	105	6.635	6.625	(1.111)	684057	80.0000	77
	13 4-Methylphenol	108	6.583	6.573	(1.102)	444140	80.0000	76
	14 N-Nitroso-di-n-propylamine	70	6.604	6.604	(1.106)	352555	80.0000	77
	15 Hexachloroethane	117	6.842	6.842	(1.146)	215375	80.0000	77
$	16 Nitrobenzene-d5	82	6.915	6.915	(0.830)	617892	80.0000	78
	17 Nitrobenzene	77	6.946	6.946	(0.834)	598723	80.0000	77
	18 Isophorone	82	7.380	7.380	(0.886)	990855	80.0000	78
	19 2-Nitrophenol	139	7.556	7.546	(0.907)	252258	80.0000	79
	20 2,4-Dimethylphenol	107	7.598	7.598	(0.912)	304100	80.0000	70
	21 bis(2-Chloroethoxy)methane	93	7.795	7.794	(0.935)	563284	80.0000	77
	22 2,4-Dichlorophenol	162	8.022	8.022	(0.963)	375762	80.0000	77
*	23 Naphthalene-d8	136	8.333	8.333	(1.000)	695168	40.0000	
	24 Naphthalene	128	8.384	8.384	(1.006)	1418047	80.0000	77
	25 4-Chloroaniline	127	8.467	8.467	(1.016)	326976	80.0000	100
	26 Hexachlorobutadiene	225	8.623	8.623	(1.035)	231488	80.0000	78

Data File: S4A9359.D
Report Date: 25-Aug-2005 13:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	27 Caprolactam	113	9.202	9.192	(1.104)	150375	80.0000	78
	28 4-Chloro-3-Methylphenol	107	9.513	9.513	(1.142)	433676	80.0000	77
	29 2-Methylnaphthalene	142	9.823	9.823	(1.179)	946420	80.0000	78
	30 Hexachlorocyclopentadiene	237	10.113	10.113	(0.868)	186179	80.0000	74
	31 2,4,6-Trichlorophenol	196	10.351	10.351	(0.889)	229348	80.0000	75
	32 2,4,5-Trichlorophenol	196	10.423	10.423	(0.895)	310562	80.0000	77
$	33 2-Fluorobiphenyl	172	10.506	10.506	(0.902)	1062742	80.0000	78
	34 1,1'-Biphenyl	154	10.682	10.682	(0.917)	1146134	80.0000	78
	35 2-Chloronaphthalene	162	10.724	10.724	(0.921)	870573	80.0000	78
	36 2-Nitroaniline	65	10.889	10.889	(0.935)	326829	80.0000	76
	37 Dimethylphthalate	163	11.200	11.200	(0.962)	987344	80.0000	78
	38 2,6-Dinitrotoluene	165	11.303	11.303	(0.971)	218003	80.0000	79
	39 Acenaphthylene	152	11.417	11.417	(0.980)	1366632	80.0000	78
	40 3-Nitroaniline	138	11.572	11.572	(0.994)	233662	80.0000	78
*	41 Acenaphthene-d10	164	11.645	11.645	(1.000)	374153	40.0000	
	42 Acenaphthene	153	11.697	11.696	(1.004)	898885	80.0000	77
	43 2,4-Dinitrophenol	184	11.748	11.748	(1.009)	99192	80.0000	77
	44 4-Nitrophenol	109	11.852	11.841	(1.018)	161065	80.0000	76
	45 Dibenzofuran	168	11.966	11.966	(1.028)	1270318	80.0000	78
	46 2,4-Dinitrotoluene	165	11.945	11.945	(1.026)	300196	80.0000	80
	47 Diethylphthalate	149	12.297	12.297	(1.056)	1037594	80.0000	78
	48 Fluorene	166	12.483	12.483	(1.072)	1099802	80.0000	78
	49 4-Chlorophenyl-phenylether	204	12.473	12.473	(1.071)	486148	80.0000	78
	50 4-Nitroaniline	138	12.504	12.504	(1.074)	257926	80.0000	75
	51 4,6-Dinitro-2-methylphenol	198	12.556	12.556	(0.909)	156341	80.0000	77
	52 N-Nitrosodiphenylamine	169	12.649	12.649	(0.916)	694226	80.0000	79
$	53 2,4,6-Tribromophenol	330	12.835	12.835	(0.930)	105042	80.0000	68
	54 4-Bromophenyl-phenylether	248	13.177	13.177	(0.954)	261719	80.0000	77
	55 Hexachlorobenzene	284	13.270	13.270	(0.961)	248705	80.0000	76
	56 Atrazine	200	13.384	13.384	(0.969)	234599	80.0000	89
	57 Pentachlorophenol	266	13.539	13.539	(0.981)	116520	80.0000	70
*	58 Phenanthrene-d10	188	13.808	13.808	(1.000)	634412	40.0000	
	59 Phenanthrene	178	13.839	13.839	(1.002)	1479097	80.0000	76
	60 Anthracene	178	13.911	13.911	(1.007)	1401465	80.0000	76
	61 Carbazole	167	14.118	14.118	(1.022)	1278886	80.0000	76
	62 Di-n-butylphthalate	149	14.522	14.522	(1.052)	1776018	80.0000	76
	63 Fluoranthene	202	15.412	15.412	(1.116)	1483378	80.0000	77
	64 Pyrene	202	15.712	15.712	(0.912)	1579635	80.0000	77
$	65 Terphenyl-d14	244	15.868	15.868	(0.921)	1097726	80.0000	76
	66 Butylbenzylphthalate	149	16.447	16.447	(0.954)	782149	80.0000	77
	67 3,3'-Dichlorobenzidine	252	17.151	17.151	(0.995)	339561	80.0000	79
	68 Benzo(a)anthracene	228	17.224	17.224	(0.999)	1400157	80.0000	77
*	69 Chrysene-d12	240	17.234	17.234	(1.000)	557551	40.0000	
	70 Chrysene	228	17.265	17.265	(1.002)	1316191	80.0000	78
	71 bis(2-Ethylhexyl)phthalate	149	17.141	17.141	(0.995)	1099535	80.0000	77
	72 Di-n-octylphthalate	149	17.938	17.938	(0.932)	1804628	80.0000	78
	73 Benzo(b)fluoranthene	252	18.642	18.641	(0.969)	1411248	80.0000	79

Data File: S4A9359.D
Report Date: 25-Aug-2005 13:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	74 Benzo(k)fluoranthene	252	18.683	18.683	(0.971)	1312717	80.0000	78
	75 Benzo(a)pyrene	252	19.159	19.159	(0.996)	1133659	80.0000	80
*	76 Perylene-d12	264	19.242	19.242	(1.000)	428297	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	21.322	21.322	(1.108)	1388118	80.0000	79
	78 Dibenzo(a,h)anthracene	278	21.333	21.322	(1.109)	1203646	80.0000	80
	79 Benzo(g,h,i)perylene	276	21.954	21.943	(1.141)	1101960	80.0000	78

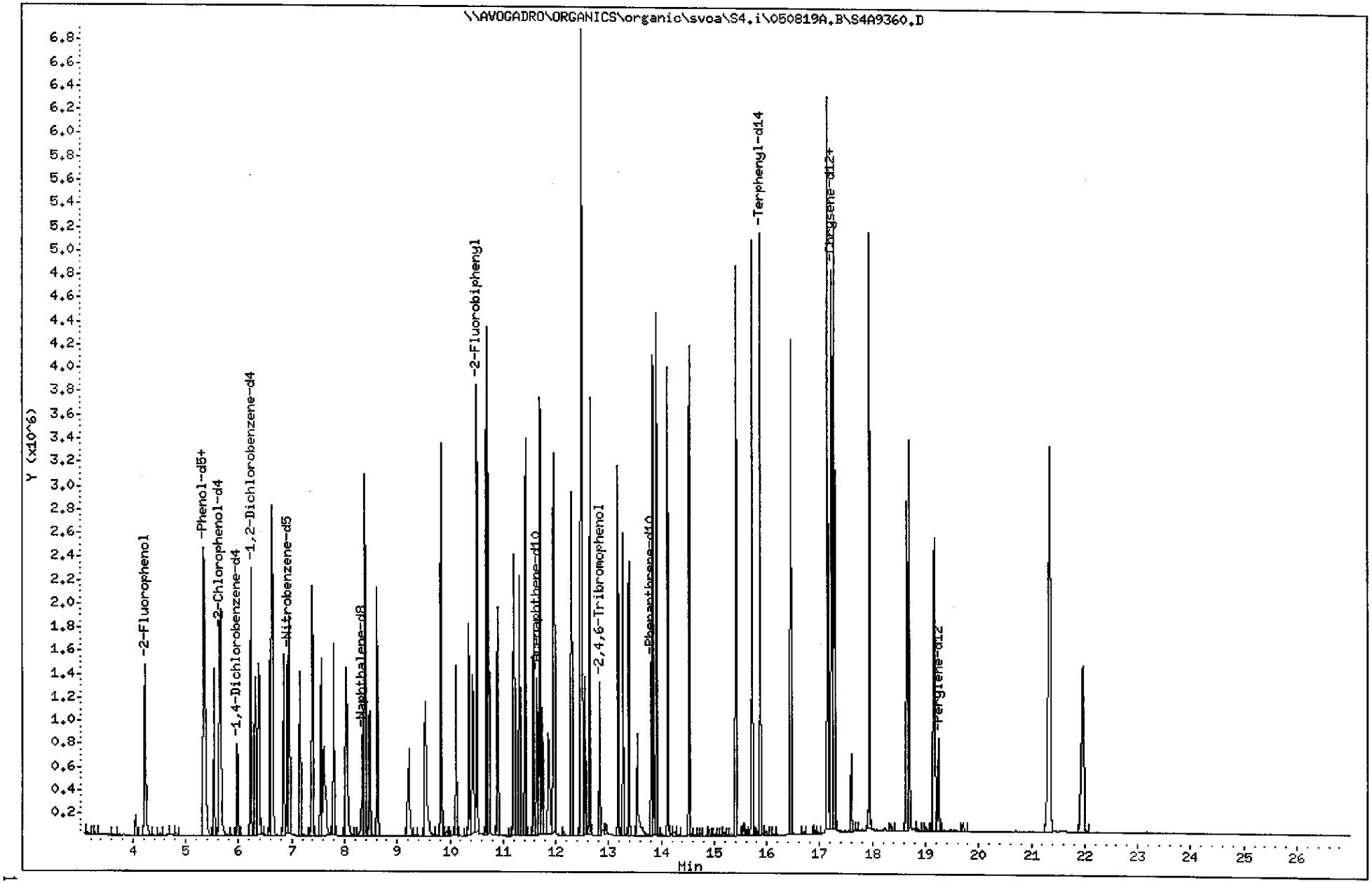
8/25/05
AU

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050819A.B\S4A9360.D
Date : 19-AUG-2005 14:15
Client ID: SSTD1204P
Sample Info: SSTD1204P,SSTD1204P

Instrument: S4.i

Operator: AW SRC: AW
Column diameter: 0.25

Column phase: DB-5MS



1600

Data File: S4A9360.D
Report Date: 25-Aug-2005 13:50

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050819A.B\S4A9360.D
Lab Smp Id: SSTD1204P Client Smp ID: SSTD1204P
Inj Date : 19-AUG-2005 14:15
Operator : AW SRC: AW Inst ID: S4.i
Smp Info : SSTD1204P,SSTD1204P
Misc Info : 1,4,,3 | OLM
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050819A.B\s4_olm4_2_S.m
Meth Date : 19-Aug-2005 15:04 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 11:39 Cal File: S4A9356A.D
Als bottle: 14 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	1	2-Fluorophenol	112	4.224	4.224	(0.707)	609169	120.000	110
	2	Benzaldehyde	77	5.331	5.321	(0.893)	382194	120.000	130
$	3	Phenol-d5	99	5.342	5.331	(0.894)	883228	120.000	120
	4	Phenol	94	5.362	5.352	(0.898)	881268	120.000	120
	5	bis(2-Chloroethyl)Ether	93	5.528	5.517	(0.925)	648497	120.000	120
$	6	2-Chlorophenol-d4	132	5.631	5.621	(0.943)	712137	120.000	120
	7	2-Chlorophenol	128	5.652	5.642	(0.946)	689914	120.000	120
*	8	1,4-Dichlorobenzene-d4	152	5.973	5.973	(1.000)	170066	40.0000	
$	9	1,2-Dichlorobenzene-d4	152	6.232	6.232	(1.043)	469406	120.000	120
	10	2-Methylphenol	108	6.314	6.314	(1.057)	627512	120.000	120
	11	2,2'-oxybis(1-Chloropropane)	45	6.377	6.377	(1.068)	930328	120.000	110
	12	Acetophenone	105	6.635	6.625	(1.111)	1039514	120.000	120
	13	4-Methylphenol	108	6.584	6.573	(1.102)	671229	120.000	120
	14	N-Nitroso-di-n-propylamine	70	6.615	6.604	(1.107)	528549	120.000	120
	15	Hexachloroethane	117	6.853	6.842	(1.147)	315962	120.000	110
$	16	Nitrobenzene-d5	82	6.925	6.915	(0.830)	923874	120.000	120
	17	Nitrobenzene	77	6.956	6.946	(0.834)	894652	120.000	120
	18	Isophorone	82	7.391	7.380	(0.886)	1485096	120.000	120
	19	2-Nitrophenol	139	7.556	7.546	(0.906)	376016	120.000	120
	20	2,4-Dimethylphenol	107	7.608	7.598	(0.912)	500894	120.000	120
	21	bis(2-Chloroethoxy)methane	93	7.795	7.794	(0.934)	856115	120.000	120
	22	2,4-Dichlorophenol	162	8.033	8.022	(0.963)	565699	120.000	120
*	23	Naphthalene-d8	136	8.343	8.333	(1.000)	697746	40.0000	
	24	Naphthalene	128	8.384	8.384	(1.005)	2150540	120.000	120
	25	4-Chloroaniline	127	8.478	8.467	(1.016)	508193	120.000	150
	26	Hexachlorobutadiene	225	8.623	8.623	(1.033)	350916	120.000	120

Data File: S4A9360.D
Report Date: 25-Aug-2005 13:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	27 Caprolactam	113	9.223	9.192	(1.105)	222842	120.000	120
	28 4-Chloro-3-Methylphenol	107	9.523	9.513	(1.141)	647584	120.000	120
	29 2-Methylnaphthalene	142	9.823	9.823	(1.177)	1425068	120.000	120
	30 Hexachlorocyclopentadiene	237	10.113	10.113	(0.868)	311184	120.000	120
	31 2,4,6-Trichlorophenol	196	10.351	10.351	(0.889)	341449	120.000	110
	32 2,4,5-Trichlorophenol	196	10.424	10.423	(0.895)	466967	120.000	110
$	33 2-Fluorobiphenyl	172	10.506	10.506	(0.902)	1633131	120.000	120
	34 1,1'-Biphenyl	154	10.693	10.682	(0.918)	1741379	120.000	120
	35 2-Chloronaphthalene	162	10.724	10.724	(0.921)	1340003	120.000	120
	36 2-Nitroaniline	65	10.900	10.889	(0.936)	490138	120.000	110
	37 Dimethylphthalate	163	11.210	11.200	(0.963)	1513286	120.000	120
	38 2,6-Dinitrotoluene	165	11.314	11.303	(0.972)	340581	120.000	120
	39 Acenaphthylene	152	11.428	11.417	(0.981)	2091915	120.000	120
	40 3-Nitroaniline	138	11.583	11.572	(0.995)	356187	120.000	120
*	41 Acenaphthene-d10	164	11.645	11.645	(1.000)	382771	40.0000	
	42 Acenaphthene	153	11.707	11.696	(1.005)	1366343	120.000	120
	43 2,4-Dinitrophenol	184	11.748	11.748	(1.009)	170496	120.000	130
	44 4-Nitrophenol	109	11.852	11.841	(1.018)	241632	120.000	110
	45 Dibenzofuran	168	11.976	11.966	(1.028)	1948175	120.000	120
	46 2,4-Dinitrotoluene	165	11.955	11.945	(1.027)	466296	120.000	120
	47 Diethylphthalate	149	12.307	12.297	(1.057)	1592968	120.000	120
	48 Fluorene	166	12.483	12.483	(1.072)	1729878	120.000	120
	49 4-Chlorophenyl-phenylether	204	12.483	12.473	(1.072)	767238	120.000	120
	50 4-Nitroaniline	138	12.514	12.504	(1.075)	390645	120.000	110
	51 4,6-Dinitro-2-methylphenol	198	12.566	12.556	(0.910)	246713	120.000	120
	52 N-Nitrosodiphenylamine	169	12.649	12.649	(0.916)	1061368	120.000	120
$	53 2,4,6-Tribromophenol	330	12.835	12.835	(0.930)	156165	120.000	100
	54 4-Bromophenyl-phenylether	248	13.177	13.177	(0.954)	402169	120.000	120
	55 Hexachlorobenzene	284	13.270	13.270	(0.961)	386838	120.000	120
	56 Atrazine	200	13.394	13.384	(0.970)	370082	120.000	140
	57 Pentachlorophenol	266	13.539	13.539	(0.981)	185025	120.000	110
*	58 Phenanthrene-d10	188	13.808	13.808	(1.000)	638489	40.0000	
	59 Phenanthrene	178	13.849	13.839	(1.003)	2302071	120.000	120
	60 Anthracene	178	13.912	13.911	(1.007)	2155020	120.000	120
	61 Carbazole	167	14.119	14.118	(1.022)	1893453	120.000	110
	62 Di-n-butylphthalate	149	14.533	14.522	(1.052)	2744172	120.000	120
	63 Fluoranthene	202	15.412	15.412	(1.116)	2274372	120.000	120
	64 Pyrene	202	15.713	15.712	(0.912)	2401261	120.000	120
$	65 Terphenyl-d14	244	15.868	15.868	(0.921)	1705683	120.000	120
	66 Butylbenzylphthalate	149	16.458	16.447	(0.955)	1202995	120.000	120
	67 3,3'-Dichlorobenzidine	252	17.162	17.151	(0.996)	535046	120.000	120
	68 Benzo(a)anthracene	228	17.224	17.224	(0.999)	2180385	120.000	120
*	69 Chrysene-d12	240	17.234	17.234	(1.000)	563752	40.0000	
	70 Chrysene	228	17.275	17.265	(1.002)	2062085	120.000	120
	71 bis(2-Ethylhexyl)phthalate	149	17.141	17.141	(0.995)	1695640	120.000	120
	72 Di-n-octylphthalate	149	17.938	17.938	(0.932)	2779868	120.000	120
	73 Benzo(b)fluoranthene	252	18.652	18.641	(0.969)	1989367	120.000	110

Data File: S4A9360.D
Report Date: 25-Aug-2005 13:50

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
74 Benzo(k)fluoranthene	252	18.693	18.683	(0.971)	2217789	120.000	130
75 Benzo(a)pyrene	252	19.169	19.159	(0.996)	1721964	120.000	120
* 76 Perylene-d12	264	19.242	19.242	(1.000)	428060	40.0000	
77 Indeno(1,2,3-cd)pyrene	276	21.343	21.322	(1.109)	2139491	120.000	120
78 Dibenzo(a,h)anthracene	278	21.353	21.322	(1.110)	1867050	120.000	120
79 Benzo(g,h,i)perylene	276	21.974	21.943	(1.142)	1683629	120.000	120

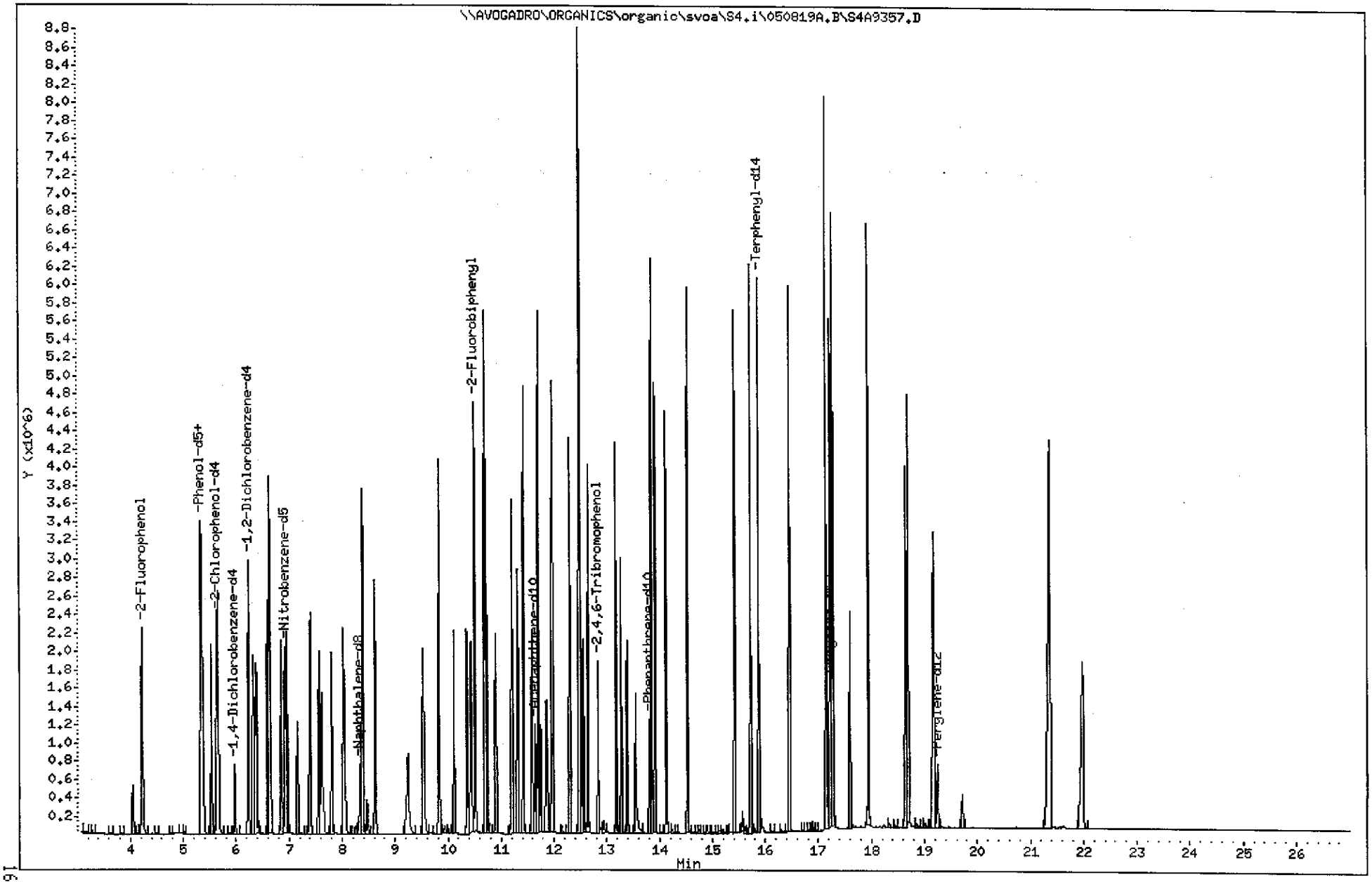
08/25/05
KJ

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050819A.B\S4A9357.D
Date : 19-AUG-2005 12:23
Client ID: SSTD1604P
Sample Info: SSTD1604P,SSTD1604P

Instrument: S4.i

Operator: AW SRC: AW
Column diameter: 0.25

Column phase: DB-5MS



1604

Data File: S4A9357.D
Report Date: 25-Aug-2005 13:50

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050819A.B\S4A9357.D
Lab Smp Id: SSTD1604P Client Smp ID: SSTD1604P
Inj Date : 19-AUG-2005 12:23
Operator : AW SRC: AW Inst ID: S4.i
Smp Info : SSTD1604P,SSTD1604P
Misc Info : 1,5,,3 | OLM
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050819A.B\s4_olm4_2_S.m
Meth Date : 19-Aug-2005 15:04 mtl Quant Type: ISTD
Cal Date : 19-AUG-2005 11:39 Cal File: S4A9356A.D
Als bottle: 11 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
$	1 2-Fluorophenol	112	4.224	4.224	(0.707)	819838	160.000	160
	2 Benzaldehyde	77	5.331	5.321	(0.893)	615125	160.000	220(A)
$	3 Phenol-d5	99	5.341	5.331	(0.894)	1197404	160.000	160
	4 Phenol	94	5.362	5.352	(0.898)	1189146	160.000	160
	5 bis(2-Chloroethyl)Ether	93	5.528	5.517	(0.925)	862228	160.000	160
$	6 2-Chlorophenol-d4	132	5.631	5.621	(0.943)	944959	160.000	160
	7 2-Chlorophenol	128	5.652	5.642	(0.946)	901576	160.000	160
*	8 1,4-Dichlorobenzene-d4	152	5.973	5.973	(1.000)	156055	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	6.232	6.232	(1.043)	621498	160.000	160
	10 2-Methylphenol	108	6.325	6.314	(1.059)	830036	160.000	150
	11 2,2'-oxybis(1-Chloropropane)	45	6.377	6.377	(1.068)	1243101	160.000	150
	12 Acetophenone	105	6.646	6.625	(1.113)	1383539	160.000	160
	13 4-Methylphenol	108	6.594	6.573	(1.104)	907351	160.000	160
	14 N-Nitroso-di-n-propylamine	70	6.625	6.604	(1.109)	696980	160.000	160
	15 Hexachloroethane	117	6.853	6.842	(1.147)	422184	160.000	160
$	16 Nitrobenzene-d5	82	6.925	6.915	(0.830)	1207458	160.000	160
	17 Nitrobenzene	77	6.966	6.946	(0.835)	1188658	160.000	160
	18 Isophorone	82	7.401	7.380	(0.887)	1934821	160.000	160
	19 2-Nitrophenol	139	7.556	7.546	(0.906)	492438	160.000	160(A)
	20 2,4-Dimethylphenol	107	7.608	7.598	(0.912)	720527	160.000	150
	21 bis(2-Chloroethoxy)methane	93	7.805	7.794	(0.935)	1123098	160.000	160
	22 2,4-Dichlorophenol	162	8.033	8.022	(0.963)	747036	160.000	160
*	23 Naphthalene-d8	136	8.343	8.333	(1.000)	628573	40.0000	
	24 Naphthalene	128	8.384	8.384	(1.005)	2815864	160.000	160
	25 4-Chloroaniline	127	8.467	8.467	(1.015)	161197	160.000	82
	26 Hexachlorobutadiene	225	8.623	8.623	(1.033)	455633	160.000	160(A)

Data File: S4A9357.D
Report Date: 25-Aug-2005 13:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	27 Caprolactam	113	9.243	9.192	(1.108)	292229	160.000	160
	28 4-Chloro-3-Methylphenol	107	9.523	9.513	(1.141)	862590	160.000	160
	29 2-Methylnaphthalene	142	9.834	9.823	(1.179)	1859106	160.000	160
	30 Hexachlorocyclopentadiene	237	10.113	10.113	(0.868)	473259	160.000	170(A)
	31 2,4,6-Trichlorophenol	196	10.361	10.351	(0.890)	477034	160.000	160
	32 2,4,5-Trichlorophenol	196	10.434	10.423	(0.896)	603719	160.000	160(A)
$	33 2-Fluorobiphenyl	172	10.506	10.506	(0.902)	2134432	160.000	160(A)
	34 1,1'-Biphenyl	154	10.693	10.682	(0.918)	2290408	160.000	160(A)
	35 2-Chloronaphthalene	162	10.734	10.724	(0.922)	1767348	160.000	160(A)
	36 2-Nitroaniline	65	10.900	10.889	(0.936)	648728	160.000	160(A)
	37 Dimethylphthalate	163	11.210	11.200	(0.963)	1966127	160.000	160
	38 2,6-Dinitrotoluene	165	11.314	11.303	(0.972)	436792	160.000	160(A)
	39 Acenaphthylene	152	11.427	11.417	(0.981)	2768828	160.000	160(A)
	40 3-Nitroaniline	138	11.583	11.572	(0.995)	441526	160.000	160
*	41 Acenaphthene-d10	164	11.645	11.645	(1.000)	342923	40.0000	
	42 Acenaphthene	153	11.707	11.696	(1.005)	1856685	160.000	160(A)
	43 2,4-Dinitrophenol	184	11.759	11.748	(1.010)	218310	160.000	180(A)
	44 4-Nitrophenol	109	11.862	11.841	(1.019)	320378	160.000	160(A)
	45 Dibenzofuran	168	11.976	11.966	(1.028)	2575458	160.000	160(A)
	46 2,4-Dinitrotoluene	165	11.955	11.945	(1.027)	595529	160.000	160(A)
	47 Diethylphthalate	149	12.307	12.297	(1.057)	2036355	160.000	160
	48 Fluorene	166	12.494	12.483	(1.073)	2295533	160.000	160(A)
	49 4-Chlorophenyl-phenylether	204	12.483	12.473	(1.072)	1005594	160.000	160(A)
	50 4-Nitroaniline	138	12.525	12.504	(1.076)	519611	160.000	160(A)
	51 4,6-Dinitro-2-methylphenol	198	12.566	12.556	(0.910)	321227	160.000	170(A)
	52 N-Nitrosodiphenylamine	169	12.649	12.649	(0.916)	1256350	160.000	150
$	53 2,4,6-Tribromophenol	330	12.835	12.835	(0.930)	255098	160.000	170(A)
	54 4-Bromophenyl-phenylether	248	13.177	13.177	(0.954)	523535	160.000	160(A)
	55 Hexachlorobenzene	284	13.280	13.270	(0.962)	511178	160.000	160(A)
	56 Atrazine	200	13.394	13.384	(0.970)	318006	160.000	150
	57 Pentachlorophenol	266	13.539	13.539	(0.981)	267199	160.000	170(A)
*	58 Phenanthrene-d10	188	13.808	13.808	(1.000)	564371	40.0000	
	59 Phenanthrene	178	13.849	13.839	(1.003)	3061857	160.000	160(A)
	60 Anthracene	178	13.922	13.911	(1.008)	2835489	160.000	160(A)
	61 Carbazole	167	14.119	14.118	(1.022)	2570502	160.000	160(A)
	62 Di-n-butylphthalate	149	14.533	14.522	(1.052)	3699051	160.000	160(A)
	63 Fluoranthene	202	15.412	15.412	(1.116)	3019382	160.000	160(A)
	64 Pyrene	202	15.712	15.712	(0.911)	3177635	160.000	160
$	65 Terphenyl-d14	244	15.868	15.868	(0.920)	2297719	160.000	160(A)
	66 Butylbenzylphthalate	149	16.458	16.447	(0.954)	1567092	160.000	160
	67 3,3'-Dichlorobenzidine	252	17.161	17.151	(0.995)	581288	160.000	140
	68 Benzo(a)anthracene	228	17.224	17.224	(0.999)	2911315	160.000	160(A)
*	69 Chrysene-d12	240	17.244	17.234	(1.000)	511527	40.0000	
	70 Chrysene	228	17.275	17.265	(1.002)	2675485	160.000	160(A)
	71 bis(2-Ethylhexyl)phthalate	149	17.141	17.141	(0.994)	2227227	160.000	160
	72 Di-n-octylphthalate	149	17.938	17.938	(0.932)	3717463	160.000	160(A)
	73 Benzo(b)fluoranthene	252	18.652	18.641	(0.969)	2835743	160.000	160(A)

Data File: S4A9357.D
Report Date: 25-Aug-2005 13:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	74 Benzo(k)fluoranthene	252	18.693	18.683	(0.971)	2742645	160.000	170(A)
	75 Benzo(a)pyrene	252	19.169	19.159	(0.996)	2182909	160.000	160(A)
*	76 Perylene-d12	264	19.252	19.242	(1.000)	395899	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	21.353	21.322	(1.109)	2847916	160.000	170(A)
	78 Dibenzo(a,h)anthracene	278	21.364	21.322	(1.110)	2473791	160.000	170(A)
	79 Benzo(g,h,i)perylene	276	21.985	21.943	(1.142)	2224748	160.000	160(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

08/25/05
AW

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: S4 Calibration Date: 08/24/05 Time: 1500

Lab File ID: S4A9426 Init. Calib. Date(s): 08/19/05 08/19/05

EPA Sample No.(SSTD050##): SSTD0504T Init. Calib. Times: 1139 1415

GC Column: DB-5MS ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D	
Benzaldehyde	0.668	0.304		-54.5		
Phenol	1.801	1.598	0.800	-11.3	25.0	
bis(2-Chloroethyl)Ether	1.315	1.172	0.700	-10.9	25.0	
2-Chlorophenol	1.373	1.301	0.800	-5.2	25.0	
2-Methylphenol	1.274	1.188	0.700	-6.8	25.0	
2,2'-oxybis(1-Chloropropane)	1.926	1.479		-23.2		
Acetophenone	2.080	1.998		-3.9		
4-Methylphenol	1.359	1.302	0.600	-4.2	25.0	
N-Nitroso-di-n-propylamine	1.068	0.976	0.500	-8.6	25.0	
Hexachloroethane	0.649	0.682	0.300	5.1	25.0	
Nitrobenzene	0.444	0.446	0.200	0.5	25.0	
Isophorone	0.729	0.679	0.400	-6.9	25.0	
2-Nitrophenol	0.183	0.174	0.100	-4.9	25.0	
2,4-Dimethylphenol	0.248	0.333	0.200	34.3	25.0	<-
bis(2-Chloroethoxy)methane	0.419	0.387	0.300	-7.6	25.0	
2,4-Dichlorophenol	0.278	0.277	0.200	-0.4	25.0	
Naphthalene	1.052	0.999	0.700	-5.0	25.0	
4-Chloroaniline	0.198	0.138		-30.3		
Hexachlorobutadiene	0.170	0.189		11.2		
Caprolactam	0.110	0.102		-7.3		
4-Chloro-3-Methylphenol	0.320	0.326	0.200	1.9	25.0	
2-Methylnaphthalene	0.695	0.690	0.400	-0.7	25.0	
Hexachlorocyclopentadiene	0.269	0.295		9.7		
2,4,6-Trichlorophenol	0.321	0.342	0.200	6.5	25.0	
2,4,5-Trichlorophenol	0.425	0.383	0.200	-9.9	25.0	
1,1'-Biphenyl	1.554	1.478		-4.9		
2-Chloronaphthalene	1.193	1.101	0.800	-7.7	25.0	
2-Nitroaniline	0.452	0.444		-1.8		
Dimethylphthalate	1.345	1.315		-2.2		
2,6-Dinitrotoluene	0.295	0.292	0.200	-1.0	25.0	
Acenaphthylene	1.864	1.776	0.900	-4.7	25.0	
3-Nitroaniline	0.318	0.287		-9.7		
Acenaphthene	1.231	1.153	0.900	-6.3	25.0	
2,4-Dinitrophenol	0.140	0.128		-8.6		
4-Nitrophenol	0.223	0.264		18.4		
Dibenzofuran	1.731	1.673	0.800	-3.4	25.0	

All other compounds must meet a minimum RRF of 0.010.

7D

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: S4 Calibration Date: 08/24/05 Time: 1500

Lab File ID: S4A9426 Init. Calib. Date(s): 08/19/05 08/19/05

EPA Sample No.(SSTD050##): SSTD0504T Init. Calib. Times: 1139 1415

GC Column: DB-5MS ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
2,4-Dinitrotoluene	0.402	0.416	0.200	3.5	25.0
Diethylphthalate	1.419	1.420		0.1	
Fluorene	1.511	1.518	0.900	0.5	25.0
4-Chlorophenyl-phenylether	0.668	0.694	0.400	3.9	25.0
4-Nitroaniline	0.360	0.323		-10.3	
4,6-Dinitro-2-methylphenol	0.129	0.125		-3.1	
N-Nitrosodiphenylamine(1)	0.555	0.509		-8.3	
4-Bromophenyl-phenylether	0.213	0.214	0.100	0.5	25.0
Hexachlorobenzene	0.206	0.206	0.100	0.0	25.0
Atrazine	0.171	0.124		-27.5	
Pentachlorophenol	0.103	0.102	0.050	-1.0	25.0
Phenanthrene	1.225	1.185	0.700	-3.3	25.0
Anthracene	1.153	1.132	0.700	-1.8	25.0
Carbazole	1.049	0.994		-5.2	
Di-n-butylphthalate	1.470	1.419		-3.5	
Fluoranthene	1.210	1.209	0.600	-0.1	25.0
Pyrene	1.457	1.389	0.600	-4.7	25.0
Butylbenzylphthalate	0.724	0.698		-3.6	
3,3'-Dichlorobenzidine	0.311	0.330		6.1	
Benzo(a)anthracene	1.305	1.260	0.800	-3.4	25.0
Chrysene	1.213	1.180	0.700	-2.7	25.0
bis(2-Ethylhexyl)phthalate	1.015	1.031		1.6	
Di-n-octylphthalate	2.154	2.057		-4.5	
Benzo(b)fluoranthene	1.643	1.531	0.700	-6.8	25.0
Benzo(k)fluoranthene	1.600	1.615	0.700	0.9	25.0
Benzo(a)pyrene	1.325	1.272	0.700	-4.0	25.0
Indeno(1,2,3-cd)pyrene	1.645	1.578	0.500	-4.1	25.0
Dibenzo(a,h)anthracene	1.419	1.363	0.400	-3.9	25.0
Benzo(g,h,i)perylene	1.311	1.235	0.500	-5.8	25.0
Nitrobenzene-d5	0.454	0.459	0.200	1.1	25.0
2-Fluorobiphenyl	1.443	1.374	0.700	-4.8	25.0
Terphenyl-d14	1.026	1.005	0.500	-2.0	25.0
Phenol-d5	1.793	1.589	0.800	-11.4	25.0
2-Fluorophenol	1.253	1.112	0.600	-11.3	25.0
2,4,6-Tribromophenol	0.094	0.105		11.7	
2-Chlorophenol-d4	1.440	1.341	0.800	-6.9	25.0
1,2-Dichlorobenzene-d4	0.954	0.928	0.400	-2.7	25.0

(1) Cannot be separated from Diphenylamine

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: S4 Calibration Date: 08/25/05 Time: 0940

Lab File ID: S4A9451 Init. Calib. Date(s): 08/19/05 08/19/05

EPA Sample No.(SSTD050##): SSTD0504U Init. Calib. Times: 1139 1415

GC Column: DB-5MS ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D	
Benzaldehyde	0.668	0.305		-54.3		
Phenol	1.801	1.563	0.800	-13.2	25.0	
bis(2-Chloroethyl)Ether	1.315	1.130	0.700	-14.1	25.0	
2-Chlorophenol	1.373	1.260	0.800	-8.2	25.0	
2-Methylphenol	1.274	1.210	0.700	-5.0	25.0	
2,2'-oxybis(1-Chloropropane)	1.926	1.439		-25.3		
Acetophenone	2.080	2.034		-2.2		
4-Methylphenol	1.359	1.310	0.600	-3.6	25.0	
N-Nitroso-di-n-propylamine	1.068	1.013	0.500	-5.1	25.0	
Hexachloroethane	0.649	0.700	0.300	7.9	25.0	
Nitrobenzene	0.444	0.456	0.200	2.7	25.0	
Isophorone	0.729	0.684	0.400	-6.2	25.0	
2-Nitrophenol	0.183	0.170	0.100	-7.1	25.0	
2,4-Dimethylphenol	0.248	0.335	0.200	35.1	25.0	<-
bis(2-Chloroethoxy)methane	0.419	0.379	0.300	-9.5	25.0	
2,4-Dichlorophenol	0.278	0.279	0.200	0.4	25.0	
Naphthalene	1.052	1.008	0.700	-4.2	25.0	
4-Chloroaniline	0.198	0.142		-28.3		
Hexachlorobutadiene	0.170	0.200		17.6		
Caprolactam	0.110	0.100		-9.1		
4-Chloro-3-Methylphenol	0.320	0.339	0.200	5.9	25.0	
2-Methylnaphthalene	0.695	0.686	0.400	-1.3	25.0	
Hexachlorocyclopentadiene	0.269	0.173		-35.7		
2,4,6-Trichlorophenol	0.321	0.356	0.200	10.9	25.0	
2,4,5-Trichlorophenol	0.425	0.398	0.200	-6.4	25.0	
1,1'-Biphenyl	1.554	1.469		-5.5		
2-Chloronaphthalene	1.193	1.145	0.800	-4.0	25.0	
2-Nitroaniline	0.452	0.458		1.3		
Dimethylphthalate	1.345	1.363		1.3		
2,6-Dinitrotoluene	0.295	0.298	0.200	1.0	25.0	
Acenaphthylene	1.864	1.803	0.900	-3.3	25.0	
3-Nitroaniline	0.318	0.295		-7.2		
Acenaphthene	1.231	1.166	0.900	-5.3	25.0	
2,4-Dinitrophenol	0.140	0.086		-38.6		
4-Nitrophenol	0.223	0.274		22.9		
Dibenzofuran	1.731	1.678	0.800	-3.1	25.0	

All other compounds must meet a minimum RRF of 0.010.

7D
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: S4 Calibration Date: 08/25/05 Time: 0940

Lab File ID: S4A9451 Init. Calib. Date(s): 08/19/05 08/19/05

EPA Sample No.(SSTD050##): SSTD0504U Init. Calib. Times: 1139 1415

GC Column: DB-5MS ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
2,4-Dinitrotoluene	0.402	0.424	0.200	5.5	25.0
Diethylphthalate	1.419	1.479		4.2	
Fluorene	1.511	1.530	0.900	1.3	25.0
4-Chlorophenyl-phenylether	0.668	0.709	0.400	6.1	25.0
4-Nitroaniline	0.360	0.355		-1.4	
4,6-Dinitro-2-methylphenol	0.129	0.097		-24.8	
N-Nitrosodiphenylamine(1)	0.555	0.499		-10.1	
4-Bromophenyl-phenylether	0.213	0.212	0.100	-0.5	25.0
Hexachlorobenzene	0.206	0.210	0.100	1.9	25.0
Atrazine	0.171	0.130		-24.0	
Pentachlorophenol	0.103	0.093	0.050	-9.7	25.0
Phenanthrene	1.225	1.177	0.700	-3.9	25.0
Anthracene	1.153	1.101	0.700	-4.5	25.0
Carbazole	1.049	0.999		-4.8	
Di-n-butylphthalate	1.470	1.428		-2.9	
Fluoranthene	1.210	1.169	0.600	-3.4	25.0
Pyrene	1.457	1.400	0.600	-3.9	25.0
Butylbenzylphthalate	0.724	0.703		-2.9	
3,3'-Dichlorobenzidine	0.311	0.355		14.1	
Benzo(a)anthracene	1.305	1.239	0.800	-5.1	25.0
Chrysene	1.213	1.152	0.700	-5.0	25.0
bis(2-Ethylhexyl)phthalate	1.015	1.002		-1.3	
Di-n-octylphthalate	2.154	2.050		-4.8	
Benzo(b)fluoranthene	1.643	1.496	0.700	-8.9	25.0
Benzo(k)fluoranthene	1.600	1.554	0.700	-2.9	25.0
Benzo(a)pyrene	1.325	1.224	0.700	-7.6	25.0
Indeno(1,2,3-cd)pyrene	1.645	1.452	0.500	-11.7	25.0
Dibenzo(a,h)anthracene	1.419	1.250	0.400	-11.9	25.0
Benzo(g,h,i)perylene	1.311	1.099	0.500	-16.2	25.0
Nitrobenzene-d5	0.454	0.471	0.200	3.7	25.0
2-Fluorobiphenyl	1.443	1.424	0.700	-1.3	25.0
Terphenyl-d14	1.026	1.027	0.500	0.1	25.0
Phenol-d5	1.793	1.577	0.800	-12.0	25.0
2-Fluorophenol	1.253	1.055	0.600	-15.8	25.0
2,4,6-Tribromophenol	0.094	0.105		11.7	
2-Chlorophenol-d4	1.440	1.306	0.800	-9.3	25.0
1,2-Dichlorobenzene-d4	0.954	0.948	0.400	-0.6	25.0

(1) Cannot be separated from Diphenylamine
All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: S4 Calibration Date: 08/31/05 Time: 1113

Lab File ID: S4A9521 Init. Calib. Date(s): 08/19/05 08/19/05

EPA Sample No.(SSTD050##): SSTD0504X Init. Calib. Times: 1139 1415

GC Column: DB-5MS ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D	
Benzaldehyde	0.668	0.203		-69.6		
Phenol	1.801	1.776	0.800	-1.4	25.0	
bis(2-Chloroethyl)Ether	1.315	1.275	0.700	-3.0	25.0	
2-Chlorophenol	1.373	1.405	0.800	2.3	25.0	
2-Methylphenol	1.274	1.251	0.700	-1.8	25.0	
2,2'-oxybis(1-Chloropropane)	1.926	1.948		1.1		
Acetophenone	2.080	1.991		-4.3		
4-Methylphenol	1.359	1.348	0.600	-0.8	25.0	
N-Nitroso-di-n-propylamine	1.068	1.001	0.500	-6.3	25.0	
Hexachloroethane	0.649	0.607	0.300	-6.5	25.0	
Nitrobenzene	0.444	0.407	0.200	-8.3	25.0	
Isophorone	0.729	0.643	0.400	-11.8	25.0	
2-Nitrophenol	0.183	0.196	0.100	7.1	25.0	
2,4-Dimethylphenol	0.248	0.331	0.200	33.5	25.0	<-
bis(2-Chloroethoxy)methane	0.419	0.408	0.300	-2.6	25.0	
2,4-Dichlorophenol	0.278	0.289	0.200	4.0	25.0	
Naphthalene	1.052	1.077	0.700	2.4	25.0	
4-Chloroaniline	0.198	0.110		-44.4		
Hexachlorobutadiene	0.170	0.186		9.4		
Caprolactam	0.110	0.113		2.7		
4-Chloro-3-Methylphenol	0.320	0.321	0.200	0.3	25.0	
2-Methylnaphthalene	0.695	0.706	0.400	1.6	25.0	
Hexachlorocyclopentadiene	0.269	0.281		4.5		
2,4,6-Trichlorophenol	0.321	0.364	0.200	13.4	25.0	
2,4,5-Trichlorophenol	0.425	0.426	0.200	0.2	25.0	
1,1'-Biphenyl	1.554	1.617		4.1		
2-Chloronaphthalene	1.193	1.236	0.800	3.6	25.0	
2-Nitroaniline	0.452	0.432		-4.4		
Dimethylphthalate	1.345	1.446		7.5		
2,6-Dinitrotoluene	0.295	0.318	0.200	7.8	25.0	
Acenaphthylene	1.864	1.978	0.900	6.1	25.0	
3-Nitroaniline	0.318	0.322		1.3		
Acenaphthene	1.231	1.306	0.900	6.1	25.0	
2,4-Dinitrophenol	0.140	0.147		5.0		
4-Nitrophenol	0.223	0.182		-18.4		
Dibenzofuran	1.731	1.825	0.800	5.4	25.0	

All other compounds must meet a minimum RRF of 0.010.

7D
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: S4 Calibration Date: 08/31/05 Time: 1113

Lab File ID: S4A9521 Init. Calib. Date(s): 08/19/05 08/19/05

EPA Sample No.(SSTD050##): SSTD0504X Init. Calib. Times: 1139 1415

GC Column: DB-5MS ID: 0.25 (mm)

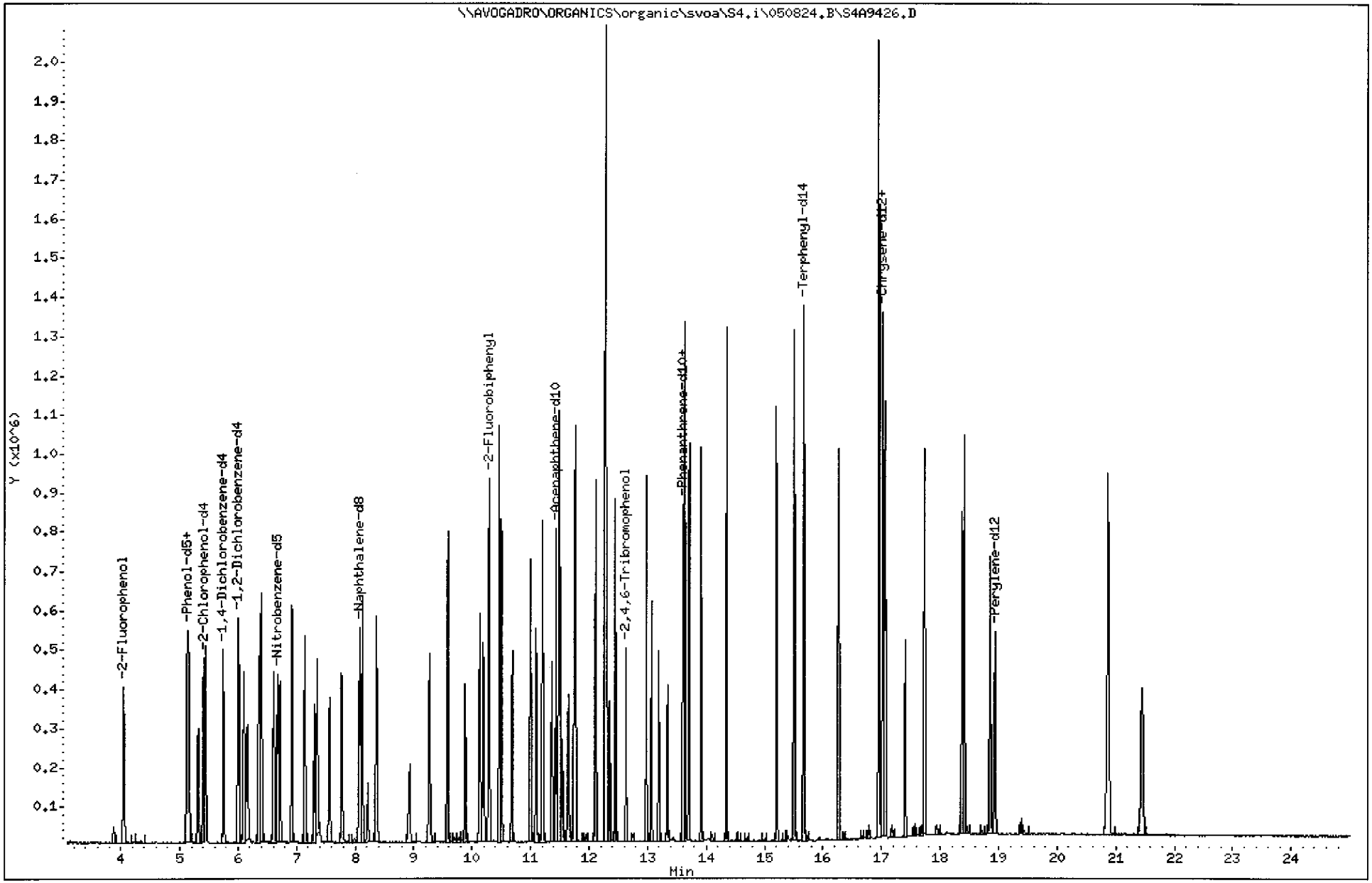
COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
2,4-Dinitrotoluene	0.402	0.456	0.200	13.4	25.0
Diethylphthalate	1.419	1.467		3.4	
Fluorene	1.511	1.525	0.900	0.9	25.0
4-Chlorophenyl-phenylether	0.668	0.706	0.400	5.7	25.0
4-Nitroaniline	0.360	0.355		-1.4	
4,6-Dinitro-2-methylphenol	0.129	0.133		3.1	
N-Nitrosodiphenylamine(1)	0.555	0.523		-5.8	
4-Bromophenyl-phenylether	0.213	0.231	0.100	8.5	25.0
Hexachlorobenzene	0.206	0.237	0.100	15.0	25.0
Atrazine	0.171	0.102		-40.4	
Pentachlorophenol	0.103	0.109	0.050	5.8	25.0
Phenanthrene	1.225	1.221	0.700	-0.3	25.0
Anthracene	1.153	1.145	0.700	-0.7	25.0
Carbazole	1.049	1.055		0.6	
Di-n-butylphthalate	1.470	1.366		-7.1	
Fluoranthene	1.210	1.233	0.600	1.9	25.0
Pyrene	1.457	1.468	0.600	0.8	25.0
Butylbenzylphthalate	0.724	0.679		-6.2	
3,3'-Dichlorobenzidine	0.311	0.336		8.0	
Benzo(a)anthracene	1.305	1.325	0.800	1.5	25.0
Chrysene	1.213	1.224	0.700	0.9	25.0
bis(2-Ethylhexyl)phthalate	1.015	0.947		-6.7	
Di-n-octylphthalate	2.154	1.852		-14.0	
Benzo(b)fluoranthene	1.643	1.679	0.700	2.2	25.0
Benzo(k)fluoranthene	1.600	1.551	0.700	-3.1	25.0
Benzo(a)pyrene	1.325	1.297	0.700	-2.1	25.0
Indeno(1,2,3-cd)pyrene	1.645	1.625	0.500	-1.2	25.0
Dibenzo(a,h)anthracene	1.419	1.359	0.400	-4.2	25.0
Benzo(g,h,i)perylene	1.311	1.280	0.500	-2.4	25.0
Nitrobenzene-d5	0.454	0.430	0.200	-5.3	25.0
2-Fluorobiphenyl	1.443	1.506	0.700	4.4	25.0
Terphenyl-d14	1.026	1.083	0.500	5.6	25.0
Phenol-d5	1.793	1.705	0.800	-4.9	25.0
2-Fluorophenol	1.253	1.325	0.600	5.7	25.0
2,4,6-Tribromophenol	0.094	0.124		31.9	
2-Chlorophenol-d4	1.440	1.489	0.800	3.4	25.0
1,2-Dichlorobenzene-d4	0.954	0.980	0.400	2.7	25.0

(1) Cannot be separated from Diphenylamine
All other compounds must meet a minimum RRF of 0.010.

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9426.D
Date : 24-AUG-2005 15:00
Client ID: SSTD0504T
Sample Info: SSTD0504T,SSTD0504T

Instrument: S4.i

Operator: AW SRC: AW
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9426.D
Report Date: 25-Aug-2005 09:13

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9426.D
Lab Smp Id: SSTD0504T Client Smp ID: SSTD0504T
Inj Date : 24-AUG-2005 15:00
Operator : AW SRC: AW Inst ID: S4.i
Smp Info : SSTD0504T,SSTD0504T
Misc Info : 2,2,,3 | OLM
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	1	2-Fluorophenol	112	4.048	4.048	(0.703)	125411	50.0000	44
	2	Benzaldehyde	77	5.124	5.124	(0.890)	34256	50.0000	23
$	3	Phenol-d5	99	5.135	5.135	(0.892)	179198	50.0000	44
	4	Phenol	94	5.155	5.155	(0.896)	180138	50.0000	44
	5	bis(2-Chloroethyl)Ether	93	5.321	5.321	(0.924)	132114	50.0000	45
$	6	2-Chlorophenol-d4	132	5.414	5.414	(0.941)	151164	50.0000	47
	7	2-Chlorophenol	128	5.435	5.435	(0.944)	146672	50.0000	47
*	8	1,4-Dichlorobenzene-d4	152	5.755	5.755	(1.000)	90191	40.0000	
$	9	1,2-Dichlorobenzene-d4	152	6.004	6.004	(1.043)	104623	50.0000	49
	10	2-Methylphenol	108	6.097	6.097	(1.059)	133888	50.0000	47
	11	2,2'-oxybis(1-Chloropropane)	45	6.159	6.159	(1.070)	166713	50.0000	38
	12	Acetophenone	105	6.397	6.397	(1.111)	225226	50.0000	48
	13	4-Methylphenol	108	6.346	6.346	(1.103)	146770	50.0000	48
	14	N-Nitroso-di-n-propylamine	70	6.387	6.387	(1.110)	110079	50.0000	46
	15	Hexachloroethane	117	6.604	6.604	(1.147)	76944	50.0000	53
$	16	Nitrobenzene-d5	82	6.677	6.677	(0.827)	211846	50.0000	51
	17	Nitrobenzene	77	6.718	6.718	(0.832)	206022	50.0000	50
	18	Isophorone	82	7.143	7.143	(0.885)	313262	50.0000	47
	19	2-Nitrophenol	139	7.308	7.308	(0.905)	80497	50.0000	48
	20	2,4-Dimethylphenol	107	7.349	7.349	(0.910)	153519	50.0000	67
	21	bis(2-Chloroethoxy)methane	93	7.556	7.556	(0.936)	178657	50.0000	46
	22	2,4-Dichlorophenol	162	7.774	7.774	(0.963)	128004	50.0000	50
*	23	Naphthalene-d8	136	8.074	8.074	(1.000)	369165	40.0000	
	24	Naphthalene	128	8.126	8.126	(1.006)	460772	50.0000	47
	25	4-Chloroaniline	127	8.219	8.219	(1.018)	63786	50.0000	35
	26	Hexachlorobutadiene	225	8.364	8.364	(1.036)	87031	50.0000	56

Data File: S4A9426.D
Report Date: 25-Aug-2005 09:13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	27 Caprolactam	113	8.933	8.933	(1.106)	47016	50.0000	46
	28 4-Chloro-3-Methylphenol	107	9.264	9.264	(1.147)	150423	50.0000	51
	29 2-Methylnaphthalene	142	9.585	9.585	(1.187)	318625	50.0000	50
	30 Hexachlorocyclopentadiene	237	9.885	9.885	(0.864)	80179	50.0000	55
	31 2,4,6-Trichlorophenol	196	10.123	10.123	(0.885)	92919	50.0000	53
	32 2,4,5-Trichlorophenol	196	10.196	10.196	(0.891)	103850	50.0000	45
$	33 2-Fluorobiphenyl	172	10.289	10.289	(0.900)	372960	50.0000	48
	34 1,1'-Biphenyl	154	10.465	10.465	(0.915)	401121	50.0000	48
	35 2-Chloronaphthalene	162	10.496	10.496	(0.918)	298870	50.0000	46
	36 2-Nitroaniline	65	10.682	10.682	(0.934)	120497	50.0000	49
	37 Dimethylphthalate	163	11.003	11.003	(0.962)	356998	50.0000	49
	38 2,6-Dinitrotoluene	165	11.107	11.107	(0.971)	79310	50.0000	49
	39 Acenaphthylene	152	11.210	11.210	(0.980)	482056	50.0000	48
	40 3-Nitroaniline	138	11.365	11.365	(0.994)	77959	50.0000	45
*	41 Acenaphthene-d10	164	11.438	11.438	(1.000)	217104	40.0000	
	42 Acenaphthene	153	11.490	11.490	(1.005)	312801	50.0000	47
	43 2,4-Dinitrophenol	184	11.541	11.541	(1.009)	34823	50.0000	46
	44 4-Nitrophenol	109	11.645	11.645	(1.018)	71529	50.0000	59 (H)
	45 Dibenzofuran	168	11.759	11.759	(1.028)	454129	50.0000	48
	46 2,4-Dinitrotoluene	165	11.748	11.748	(1.027)	113026	50.0000	52
	47 Diethylphthalate	149	12.111	12.111	(1.059)	385253	50.0000	50
	48 Fluorene	166	12.287	12.287	(1.074)	412066	50.0000	50
	49 4-Chlorophenyl-phenylether	204	12.276	12.276	(1.073)	188344	50.0000	52
	50 4-Nitroaniline	138	12.307	12.307	(1.076)	87584	50.0000	45
	51 4,6-Dinitro-2-methylphenol	198	12.359	12.359	(0.903)	57851	50.0000	48
	52 N-Nitrosodiphenylamine	169	12.452	12.452	(0.910)	235996	50.0000	46
$	53 2,4,6-Tribromophenol	330	12.628	12.628	(0.923)	48771	50.0000	56
	54 4-Bromophenyl-phenylether	248	12.980	12.980	(0.949)	99169	50.0000	50 (H)
	55 Hexachlorobenzene	284	13.073	13.073	(0.955)	95542	50.0000	50
	56 Atrazine	200	13.197	13.197	(0.964)	57731	50.0000	36
	57 Pentachlorophenol	266	13.342	13.342	(0.975)	47363	50.0000	50
*	58 Phenanthrene-d10	188	13.611	13.611	(1.000)	371192	40.0000	(H)
	59 Phenanthrene	178	13.642	13.642	(0.997)	549806	50.0000	48 (H)
	60 Anthracene	178	13.715	13.715	(1.002)	525119	50.0000	49
	61 Carbazole	167	13.922	13.922	(1.017)	461016	50.0000	47
	62 Di-n-butylphthalate	149	14.346	14.346	(1.048)	658346	50.0000	48
	63 Fluoranthene	202	15.205	15.205	(1.111)	560909	50.0000	50
	64 Pyrene	202	15.505	15.505	(0.911)	586831	50.0000	48
$	65 Terphenyl-d14	244	15.671	15.671	(0.920)	424777	50.0000	49
	66 Butylbenzylphthalate	149	16.271	16.271	(0.956)	294815	50.0000	48
	67 3,3'-Dichlorobenzidine	252	16.954	16.954	(0.996)	139477	50.0000	53
	68 Benzo(a)anthracene	228	17.017	17.017	(0.999)	532593	50.0000	48
*	69 Chrysene-d12	240	17.027	17.027	(1.000)	338027	40.0000	
	70 Chrysene	228	17.068	17.068	(1.002)	498633	50.0000	49
	71 bis(2-Ethylhexyl)phthalate	149	16.954	16.954	(0.996)	435671	50.0000	51
	72 Di-n-octylphthalate	149	17.741	17.741	(0.937)	662082	50.0000	48
	73 Benzo(b)fluoranthene	252	18.372	18.372	(0.970)	492917	50.0000	47

Data File: S4A9426.D
Report Date: 25-Aug-2005 09:13

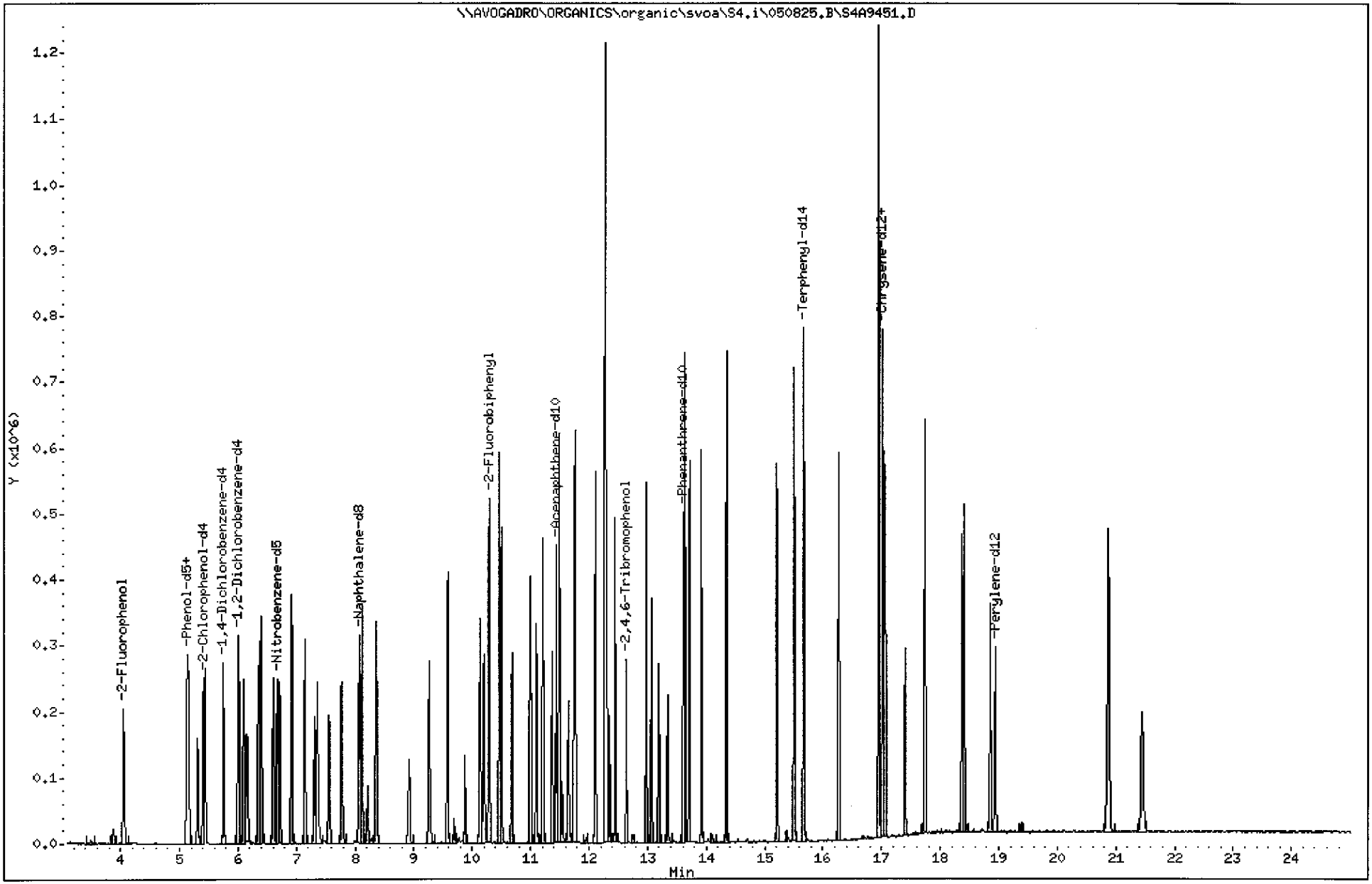
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
74 Benzo(k)fluoranthene	252	18.414	18.414	(0.972)	519885	50.0000	50
75 Benzo(a)pyrene	252	18.859	18.859	(0.996)	409585	50.0000	48
* 76 Perylene-d12	264	18.942	18.942	(1.000)	257506	40.0000	
77 Indeno(1,2,3-cd)pyrene	276	20.877	20.877	(1.102)	507972	50.0000	48
78 Dibenzo(a,h)anthracene	278	20.877	20.877	(1.102)	438833	50.0000	48
79 Benzo(g,h,i)perylene	276	21.457	21.457	(1.133)	397369	50.0000	47

QC Flag Legend

H - Operator selected an alternate compound hit.

08/31/05
#2

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9451.D
Date : 25-AUG-2005 09:40
Client ID: SSTD0504U
Instrument: S4.i
Sample Info: SSTD0504U,SSTD0504U
Operator: AW SRC: AW
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9451.D
Report Date: 25-Aug-2005 10:08

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9451.D
Lab Smp Id: SSTD0504U Client Smp ID: SSTD0504U
Inj Date : 25-AUG-2005 09:40
Operator : AW SRC: AW Inst ID: S4.i
Smp Info : SSTD0504U,SSTD0504U
Misc Info : 2,2,,3 | OLM
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\s4_olm4_2_S.m
Meth Date : 25-Aug-2005 10:08 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 09:40 Cal File: S4A9451.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	1 2-Fluorophenol	112	4.048	4.048	(0.703)	62694	50.0000	42
	2 Benzaldehyde	77	5.124	5.124	(0.890)	18155	50.0000	23
$	3 Phenol-d5	99	5.135	5.135	(0.892)	93733	50.0000	44
	4 Phenol	94	5.155	5.155	(0.896)	92920	50.0000	43
	5 bis(2-Chloroethyl)Ether	93	5.311	5.311	(0.923)	67179	50.0000	43
$	6 2-Chlorophenol-d4	132	5.414	5.414	(0.941)	77653	50.0000	45
	7 2-Chlorophenol	128	5.435	5.435	(0.944)	74915	50.0000	46
*	8 1,4-Dichlorobenzene-d4	152	5.755	5.755	(1.000)	47557	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	6.004	6.004	(1.043)	56364	50.0000	50
	10 2-Methylphenol	108	6.097	6.097	(1.059)	71907	50.0000	47
	11 2,2'-oxybis(1-Chloropropane)	45	6.149	6.149	(1.068)	85559	50.0000	37
	12 Acetophenone	105	6.397	6.397	(1.111)	120935	50.0000	49
	13 4-Methylphenol	108	6.346	6.346	(1.103)	77902	50.0000	48
	14 N-Nitroso-di-n-propylamine	70	6.377	6.377	(1.108)	60196	50.0000	47
	15 Hexachloroethane	117	6.604	6.604	(1.147)	41623	50.0000	54
$	16 Nitrobenzene-d5	82	6.677	6.677	(0.827)	119219	50.0000	52
	17 Nitrobenzene	77	6.708	6.708	(0.831)	115397	50.0000	51
	18 Isophorone	82	7.143	7.143	(0.885)	173090	50.0000	47
	19 2-Nitrophenol	139	7.308	7.308	(0.905)	43063	50.0000	47
	20 2,4-Dimethylphenol	107	7.349	7.349	(0.910)	84862	50.0000	68
	21 bis(2-Chloroethoxy)methane	93	7.546	7.546	(0.935)	96056	50.0000	45
	22 2,4-Dichlorophenol	162	7.774	7.774	(0.963)	70725	50.0000	50
*	23 Naphthalene-d8	136	8.074	8.074	(1.000)	202544	40.0000	
	24 Naphthalene	128	8.115	8.115	(1.005)	255271	50.0000	48
	25 4-Chloroaniline	127	8.219	8.219	(1.018)	35903	50.0000	36
	26 Hexachlorobutadiene	225	8.364	8.364	(1.036)	50576	50.0000	59

Data File: S4A9451.D
Report Date: 25-Aug-2005 10:08

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	27 Caprolactam	113	8.923	8.923	(1.105)	25334	50.0000	45
	28 4-Chloro-3-Methylphenol	107	9.264	9.264	(1.147)	85870	50.0000	53
	29 2-Methylnaphthalene	142	9.585	9.585	(1.187)	173641	50.0000	49
	30 Hexachlorocyclopentadiene	237	9.885	9.885	(0.864)	26506	50.0000	32
	31 2,4,6-Trichlorophenol	196	10.123	10.123	(0.885)	54456	50.0000	55
	32 2,4,5-Trichlorophenol	196	10.196	10.196	(0.891)	60966	50.0000	47
$	33 2-Fluorobiphenyl	172	10.289	10.289	(0.900)	218011	50.0000	49
	34 1,1'-Biphenyl	154	10.465	10.465	(0.915)	224780	50.0000	47
	35 2-Chloronaphthalene	162	10.496	10.496	(0.918)	175294	50.0000	48
	36 2-Nitroaniline	65	10.682	10.682	(0.934)	70150	50.0000	51
	37 Dimethylphthalate	163	11.003	11.003	(0.962)	208623	50.0000	51
	38 2,6-Dinitrotoluene	165	11.096	11.096	(0.970)	45556	50.0000	50
	39 Acenaphthylene	152	11.210	11.210	(0.980)	275980	50.0000	48
	40 3-Nitroaniline	138	11.365	11.365	(0.994)	45201	50.0000	46
*	41 Acenaphthene-d10	164	11.438	11.438	(1.000)	122445	40.0000	
	42 Acenaphthene	153	11.490	11.490	(1.005)	178452	50.0000	47
	43 2,4-Dinitrophenol	184	11.541	11.541	(1.009)	13168	50.0000	31
	44 4-Nitrophenol	109	11.645	11.645	(1.018)	41864	50.0000	61
	45 Dibenzofuran	168	11.759	11.759	(1.028)	256776	50.0000	48
	46 2,4-Dinitrotoluene	165	11.748	11.748	(1.027)	64849	50.0000	53
	47 Diethylphthalate	149	12.111	12.111	(1.059)	226355	50.0000	52
	48 Fluorene	166	12.276	12.276	(1.073)	234112	50.0000	51
	49 4-Chlorophenyl-phenylether	204	12.276	12.276	(1.073)	108580	50.0000	53
	50 4-Nitroaniline	138	12.307	12.307	(1.076)	54265	50.0000	49
	51 4,6-Dinitro-2-methylphenol	198	12.359	12.359	(0.908)	26181	50.0000	38(T)
	52 N-Nitrosodiphenylamine	169	12.452	12.452	(0.915)	134326	50.0000	45
$	53 2,4,6-Tribromophenol	330	12.628	12.628	(0.928)	28285	50.0000	56
	54 4-Bromophenyl-phenylether	248	12.980	12.980	(0.954)	57179	50.0000	50
	55 Hexachlorobenzene	284	13.073	13.073	(0.960)	56479	50.0000	51
	56 Atrazine	200	13.197	13.197	(0.970)	35000	50.0000	38
	57 Pentachlorophenol	266	13.342	13.342	(0.980)	24987	50.0000	45
*	58 Phenanthrene-d10	188	13.611	13.611	(1.000)	215506	40.0000	
	59 Phenanthrene	178	13.642	13.642	(1.002)	317021	50.0000	48
	60 Anthracene	178	13.715	13.715	(1.008)	296656	50.0000	48
	61 Carbazole	167	13.922	13.922	(1.023)	269015	50.0000	48
	62 Di-n-butylphthalate	149	14.346	14.346	(1.054)	384795	50.0000	49
	63 Fluoranthene	202	15.216	15.216	(1.118)	314855	50.0000	48
	64 Pyrene	202	15.505	15.505	(0.911)	332709	50.0000	48
$	65 Terphenyl-d14	244	15.671	15.671	(0.920)	243960	50.0000	50
	66 Butylbenzylphthalate	149	16.271	16.271	(0.956)	166901	50.0000	48
	67 3,3'-Dichlorobenzidine	252	16.954	16.954	(0.996)	84450	50.0000	57
	68 Benzo(a)anthracene	228	17.017	17.017	(0.999)	294245	50.0000	47
*	69 Chrysene-d12	240	17.027	17.027	(1.000)	190057	40.0000	
	70 Chrysene	228	17.068	17.068	(1.002)	273779	50.0000	48
	71 bis(2-Ethylhexyl)phthalate	149	16.954	16.954	(0.996)	237956	50.0000	49
	72 Di-n-octylphthalate	149	17.731	17.731	(0.936)	350718	50.0000	48
	73 Benzo(b)fluoranthene	252	18.372	18.372	(0.970)	255883	50.0000	46

Data File: S4A9451.D
Report Date: 25-Aug-2005 10:08

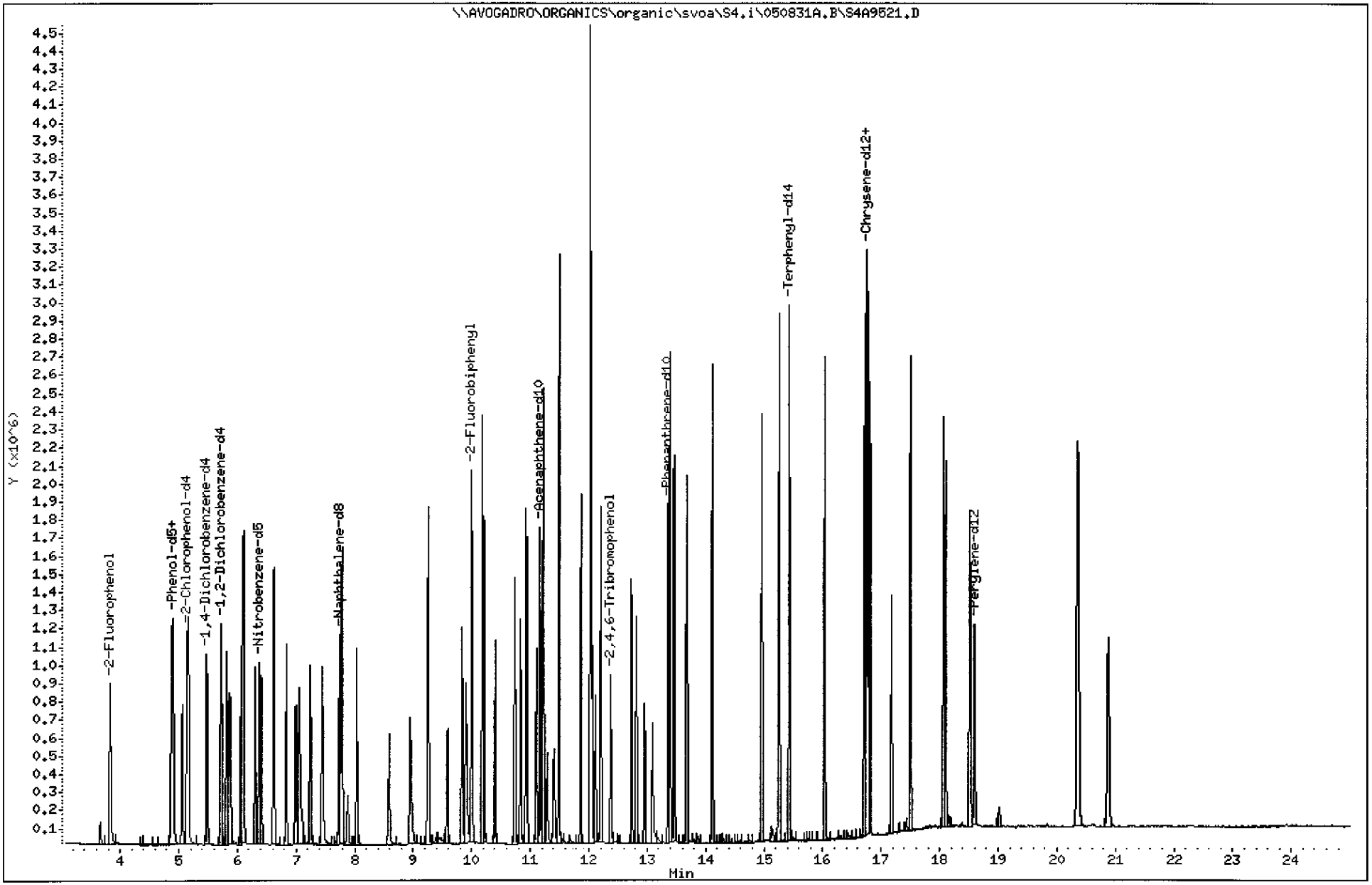
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
74	Benzo(k)fluoranthene	252	18.414	18.414	(0.972)	265827	50.0000	49
75	Benzo(a)pyrene	252	18.859	18.859	(0.996)	209355	50.0000	46
* 76	Perylene-d12	264	18.942	18.942	(1.000)	136834	40.0000	
77	Indeno(1,2,3-cd)pyrene	276	20.877	20.877	(1.102)	248390	50.0000	44
78	Dibenzo(a,h)anthracene	278	20.877	20.877	(1.102)	213797	50.0000	44
79	Benzo(g,h,i)perylene	276	21.457	21.457	(1.133)	187911	50.0000	42

QC Flag Legend

T - Target compound detected outside RT window.

08/31/05
AD

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9521.D
Date : 31-AUG-2005 11:13
Client ID: SSTD0504X
Instrument: S4.i
Sample Info: SSTD0504X,SSTD0504X
Operator: AW SRC: AW
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9521.D
Report Date: 31-Aug-2005 11:39

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9521.D
Lab Smp Id: SSTD0504X Client Smp ID: SSTD0504X
Inj Date : 31-AUG-2005 11:13
Operator : AW SRC: AW Inst ID: S4.i
Smp Info : SSTD0504X,SSTD0504X
Misc Info : 2,2,,3 | OLM
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\s4_olm4_2_S.m
Meth Date : 31-Aug-2005 11:39 mtl Quant Type: ISTD
Cal Date : 31-AUG-2005 11:13 Cal File: S4A9521.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	1	2-Fluorophenol	112	3.841	3.841	(0.701)	372382	50.0000	53
	2	Benzaldehyde	77	4.865	4.865	(0.888)	57154	50.0000	15
$	3	Phenol-d5	99	4.886	4.886	(0.892)	479248	50.0000	48
	4	Phenol	94	4.907	4.907	(0.896)	499277	50.0000	49
	5	bis(2-Chloroethyl)Ether	93	5.062	5.062	(0.924)	358377	50.0000	48
$	6	2-Chlorophenol-d4	132	5.145	5.145	(0.940)	418525	50.0000	52
	7	2-Chlorophenol	128	5.165	5.165	(0.943)	394854	50.0000	51
*	8	1,4-Dichlorobenzene-d4	152	5.476	5.476	(1.000)	224855	40.0000	
$	9	1,2-Dichlorobenzene-d4	152	5.724	5.724	(1.045)	275360	50.0000	51
	10	2-Methylphenol	108	5.818	5.818	(1.062)	351638	50.0000	49
	11	2,2'-oxybis(1-Chloropropane)	45	5.869	5.869	(1.072)	547584	50.0000	51
	12	Acetophenone	105	6.107	6.107	(1.115)	559673	50.0000	48
	13	4-Methylphenol	108	6.066	6.066	(1.108)	378896	50.0000	50
	14	N-Nitroso-di-n-propylamine	70	6.097	6.097	(1.113)	281432	50.0000	47
	15	Hexachloroethane	117	6.304	6.304	(1.151)	170510	50.0000	47
$	16	Nitrobenzene-d5	82	6.377	6.377	(0.824)	478052	50.0000	47
	17	Nitrobenzene	77	6.418	6.418	(0.829)	452536	50.0000	46
	18	Isophorone	82	6.832	6.832	(0.882)	714458	50.0000	44
	19	2-Nitrophenol	139	6.997	6.997	(0.904)	218419	50.0000	54
	20	2,4-Dimethylphenol	107	7.049	7.049	(0.910)	368102	50.0000	67
	21	bis(2-Chloroethoxy)methane	93	7.246	7.246	(0.936)	454075	50.0000	49
	22	2,4-Dichlorophenol	162	7.453	7.453	(0.963)	321194	50.0000	52
*	23	Naphthalene-d8	136	7.743	7.743	(1.000)	889481	40.0000	
	24	Naphthalene	128	7.795	7.795	(1.007)	1196930	50.0000	51
	25	4-Chloroaniline	127	7.898	7.898	(1.020)	122404	50.0000	28
	26	Hexachlorobutadiene	225	8.033	8.033	(1.037)	206915	50.0000	55

Data File: S4A9521.D
Report Date: 31-Aug-2005 11:39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	27 Caprolactam	113	8.591	8.591	(1.110)	125998	50.0000	52
	28 4-Chloro-3-Methylphenol	107	8.943	8.943	(1.155)	357286	50.0000	50
	29 2-Methylnaphthalene	142	9.264	9.264	(1.197)	785044	50.0000	51
	30 Hexachlorocyclopentadiene	237	9.585	9.585	(0.858)	166013	50.0000	52
	31 2,4,6-Trichlorophenol	196	9.834	9.834	(0.880)	214903	50.0000	57
	32 2,4,5-Trichlorophenol	196	9.906	9.906	(0.887)	251628	50.0000	50
$	33 2-Fluorobiphenyl	172	9.999	9.999	(0.895)	889032	50.0000	52
	34 1,1'-Biphenyl	154	10.185	10.185	(0.912)	954994	50.0000	52
	35 2-Chloronaphthalene	162	10.216	10.216	(0.915)	729625	50.0000	52
	36 2-Nitroaniline	65	10.403	10.403	(0.931)	255218	50.0000	48
	37 Dimethylphthalate	163	10.744	10.744	(0.962)	853824	50.0000	54
	38 2,6-Dinitrotoluene	165	10.837	10.837	(0.970)	187811	50.0000	54
	39 Acenaphthylene	152	10.931	10.931	(0.979)	1167767	50.0000	53
	40 3-Nitroaniline	138	11.107	11.107	(0.994)	189888	50.0000	51
*	41 Acenaphthene-d10	164	11.169	11.169	(1.000)	472338	40.0000	
	42 Acenaphthene	153	11.220	11.220	(1.005)	770854	50.0000	53
	43 2,4-Dinitrophenol	184	11.293	11.293	(1.011)	86594	50.0000	52
	44 4-Nitrophenol	109	11.407	11.407	(1.021)	107716	50.0000	41
	45 Dibenzofuran	168	11.500	11.500	(1.030)	1077767	50.0000	53
	46 2,4-Dinitrotoluene	165	11.500	11.500	(1.030)	269404	50.0000	57
	47 Diethylphthalate	149	11.872	11.872	(1.063)	866390	50.0000	52
	48 Fluorene	166	12.028	12.028	(1.077)	900491	50.0000	50
	49 4-Chlorophenyl-phenylether	204	12.028	12.028	(1.077)	416901	50.0000	53
	50 4-Nitroaniline	138	12.059	12.059	(1.080)	209350	50.0000	49
	51 4,6-Dinitro-2-methylphenol	198	12.121	12.121	(0.907)	137549	50.0000	52
	52 N-Nitrosodiphenylamine	169	12.204	12.204	(0.913)	539090	50.0000	47
$	53 2,4,6-Tribromophenol	330	12.380	12.380	(0.926)	127786	50.0000	66
	54 4-Bromophenyl-phenylether	248	12.742	12.742	(0.954)	238428	50.0000	54
	55 Hexachlorobenzene	284	12.825	12.825	(0.960)	243875	50.0000	58
	56 Atrazine	200	12.959	12.959	(0.970)	105601	50.0000	30
	57 Pentachlorophenol	266	13.094	13.094	(0.980)	112004	50.0000	53
*	58 Phenanthrene-d10	188	13.363	13.363	(1.000)	824469	40.0000	
	59 Phenanthrene	178	13.394	13.394	(1.002)	1258492	50.0000	50
	60 Anthracene	178	13.466	13.466	(1.008)	1179628	50.0000	50
	61 Carbazole	167	13.673	13.673	(1.023)	1087455	50.0000	50
	62 Di-n-butylphthalate	149	14.118	14.118	(1.057)	1407310	50.0000	46
	63 Fluoranthene	202	14.957	14.957	(1.119)	1271213	50.0000	51
	64 Pyrene	202	15.257	15.257	(0.909)	1348942	50.0000	50
$	65 Terphenyl-d14	244	15.433	15.433	(0.920)	995179	50.0000	53
	66 Butylbenzylphthalate	149	16.033	16.033	(0.956)	624274	50.0000	47
	67 3,3'-Dichlorobenzidine	252	16.716	16.716	(0.996)	308386	50.0000	54
	68 Benzo(a)anthracene	228	16.768	16.768	(0.999)	1217993	50.0000	51
*	69 Chrysene-d12	240	16.779	16.779	(1.000)	735240	40.0000	
	70 Chrysene	228	16.810	16.810	(1.002)	1124583	50.0000	50
	71 bis(2-Ethylhexyl)phthalate	149	16.727	16.727	(0.997)	870229	50.0000	47
	72 Di-n-octylphthalate	149	17.503	17.503	(0.941)	1399284	50.0000	43
	73 Benzo(b)fluoranthene	252	18.072	18.072	(0.972)	1268857	50.0000	51

Data File: S4A9521.D
Report Date: 31-Aug-2005 11:39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	74 Benzo(k)fluoranthene	252	18.114	18.114	(0.974)	1172173	50.0000	48
	75 Benzo(a)pyrene	252	18.517	18.517	(0.996)	980015	50.0000	49
*	76 Perylene-d12	264	18.600	18.600	(1.000)	604452	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	20.360	20.360	(1.095)	1227952	50.0000	49
	78 Dibenzo(a,h)anthracene	278	20.370	20.370	(1.095)	1026916	50.0000	48
	79 Benzo(g,h,i)perylene	276	20.888	20.888	(1.123)	967306	50.0000	49

08/31/05 AW

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050819A.B\S4A9355A.D

Date : 19-AUG-2005 11:20

Client ID: DFTPP4P

Instrument: S4.i

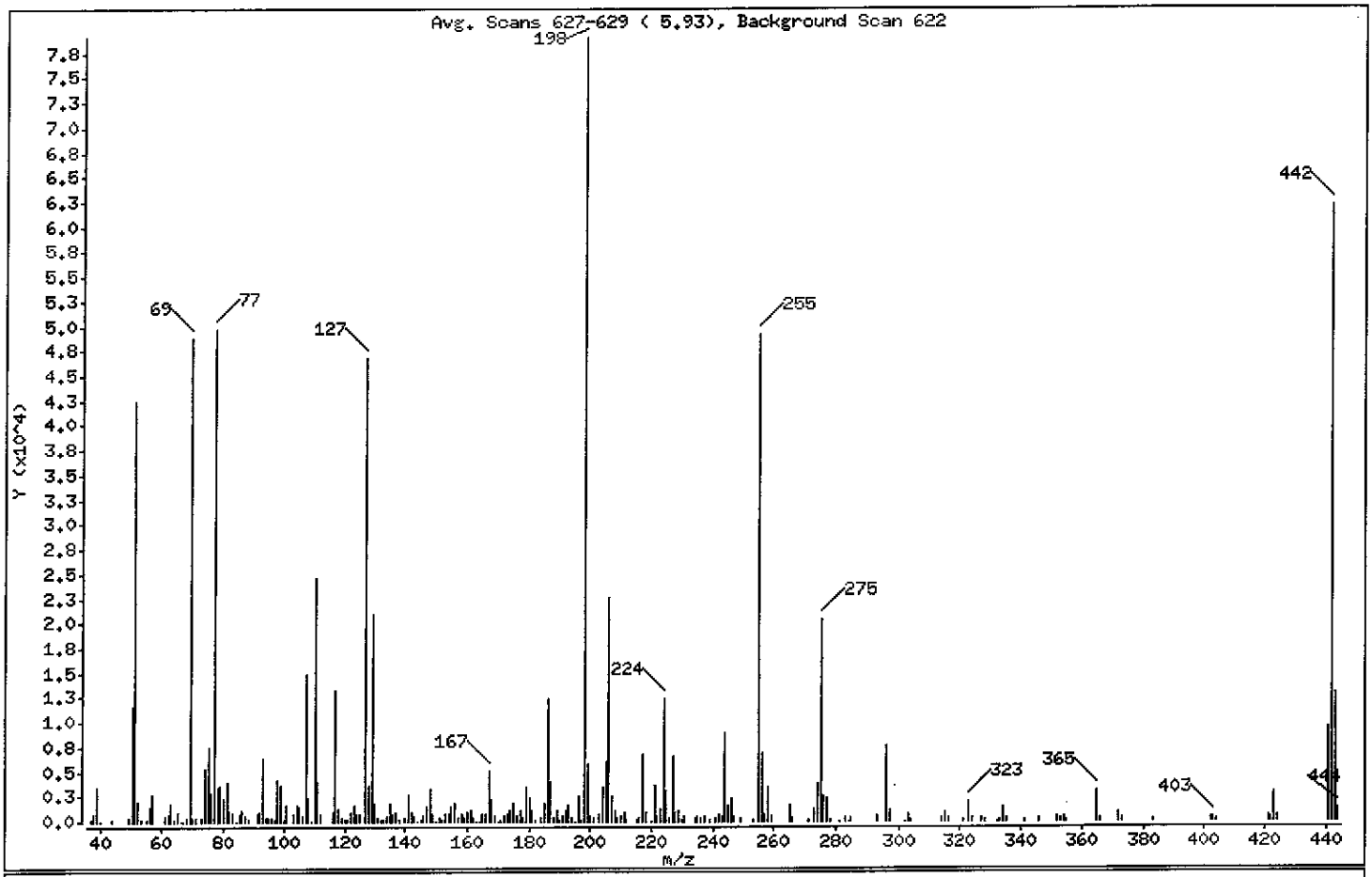
Sample Info: DFTPP4P,DFTPP4P

Operator: AW

Column phase: DB-5MS

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	53.62
68	Less than 2.00% of mass 69	0.35 (0.57)
69	Mass 69 relative abundance	61.64
70	Less than 2.00% of mass 69	0.54 (0.88)
127	25.00 - 75.00% of mass 198	59.19
197	Less than 1.00% of mass 198	0.16
199	5.00 - 9.00% of mass 198	7.42
275	10.00 - 30.00% of mass 198	25.76
365	Greater than 0.75% of mass 198	3.90
441	Present, but less than mass 443	12.04
442	40.00 - 110.00% of mass 198	78.52
443	15.00 - 24.00% of mass 442	16.38 (20.86)

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050819A.B\S4A9355A.D

Date : 19-AUG-2005 11:20

Client ID: DFTPP4P

Instrument: S4.i

Sample Info: DFTPP4P,DFTPP4P

Operator: AW

Column phase: DB-5MS

Column diameter: 0.25

Data File: S4A9355A.D

Spectrum: Avg. Scans 627-629 (5.93), Background Scan 622

Location of Maximum: 198.00

Number of points: 242

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	155	116.00	839	179.00	3552	253.00	256
38.00	652	117.00	13242	180.00	2328	255.00	49224
39.00	3523	118.00	1207	181.00	1044	256.00	6981
40.00	14	119.00	307	182.00	192	257.00	667
44.00	223	120.00	163	184.00	349	258.00	3525
49.00	289	121.00	190	185.00	1843	259.00	538
50.00	11649	122.00	981	186.00	12469	265.00	1567
51.00	42408	123.00	1602	187.00	3990	266.00	363
52.00	2018	124.00	724	188.00	365	271.00	107
53.00	181	125.00	648	189.00	1018	273.00	1298
55.00	96	127.00	46816	190.00	95	274.00	3834
56.00	1394	128.00	3675	191.00	555	275.00	20376
57.00	2716	129.00	20936	192.00	1175	276.00	2539
61.00	512	130.00	1790	193.00	1653	277.00	2363
62.00	745	131.00	375	194.00	293	278.00	264
63.00	1761	132.00	242	195.00	74	281.00	72
64.00	183	133.00	175	196.00	2598	283.00	358
65.00	913	134.00	614	197.00	128	284.00	89
66.00	84	135.00	1828	198.00	79088	285.00	298
67.00	91	136.00	710	199.00	5868	293.00	499
68.00	277	137.00	936	200.00	470	296.00	7721
69.00	48752	138.00	192	201.00	303	297.00	1046
70.00	429	140.00	308	203.00	805	302.00	77
71.00	277	141.00	2697	204.00	3551	303.00	814
73.00	343	142.00	895	205.00	6052	304.00	184
74.00	5204	143.00	575	206.00	22632	314.00	341
75.00	7485	144.00	68	207.00	2565	315.00	991
76.00	2826	145.00	201	208.00	1093	316.00	433
77.00	49736	146.00	557	209.00	363	321.00	188
78.00	3453	147.00	1513	210.00	533	323.00	1954
79.00	3685	148.00	3269	211.00	859	324.00	416
80.00	2456	149.00	653	212.00	123	327.00	410
81.00	3955	150.00	84	215.00	226	328.00	247
82.00	1042	151.00	380	216.00	340	332.00	85
83.00	824	152.00	207	217.00	6807	333.00	198

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050819A.B\S4A9355A.D

Date : 19-AUG-2005 11:20

Client ID: DFTPP4P

Instrument: S4.i

Sample Info: DFTPP4P,DFTPP4P

Operator: AW

Column phase: DB-5MS

Column diameter: 0.25

Data File: S4A9355A.D
Spectrum: Avg. Scans 627-629 (5.93), Background Scan 622
Location of Maximum: 198.00
Number of points: 242

m/z	Y	m/z	Y	m/z	Y	m/z	Y
84.00	18	153.00	776	218.00	844	334.00	1435
85.00	715	154.00	674	220.00	79	335.00	300
86.00	1088	155.00	1439	221.00	3731	341.00	139
87.00	493	156.00	1894	222.00	520	346.00	337
88.00	145	157.00	408	223.00	1253	352.00	568
91.00	746	158.00	638	224.00	12370	353.00	436
92.00	943	159.00	394	225.00	3098	354.00	588
93.00	6443	160.00	840	226.00	414	355.00	94
94.00	407	161.00	1057	227.00	6500	365.00	3087
95.00	313	162.00	437	228.00	996	366.00	454
96.00	411	163.00	87	229.00	1050	372.00	973
97.00	136	164.00	78	230.00	101	373.00	290
98.00	4154	165.00	762	231.00	461	383.00	137
99.00	3628	166.00	782	234.00	450	402.00	431
100.00	222	167.00	5130	235.00	478	403.00	433
101.00	1731	168.00	2153	236.00	325	404.00	170
103.00	639	169.00	474	237.00	488	421.00	488
104.00	1664	170.00	67	239.00	270	422.00	445
105.00	1431	171.00	263	241.00	437	423.00	2969
106.00	547	172.00	522	242.00	689	424.00	607
107.00	14880	173.00	660	243.00	635	441.00	9522
108.00	2282	174.00	1036	244.00	8853	442.00	62104
109.00	73	175.00	1905	245.00	1566	443.00	12955
110.00	24632	176.00	501	246.00	2379	444.00	1333
111.00	4029	177.00	1072	247.00	542		
112.00	672	178.00	423	249.00	368		

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050819A.B\S4A9355A.D

Date : 19-AUG-2005 11:20

Client ID: DFTPP4P

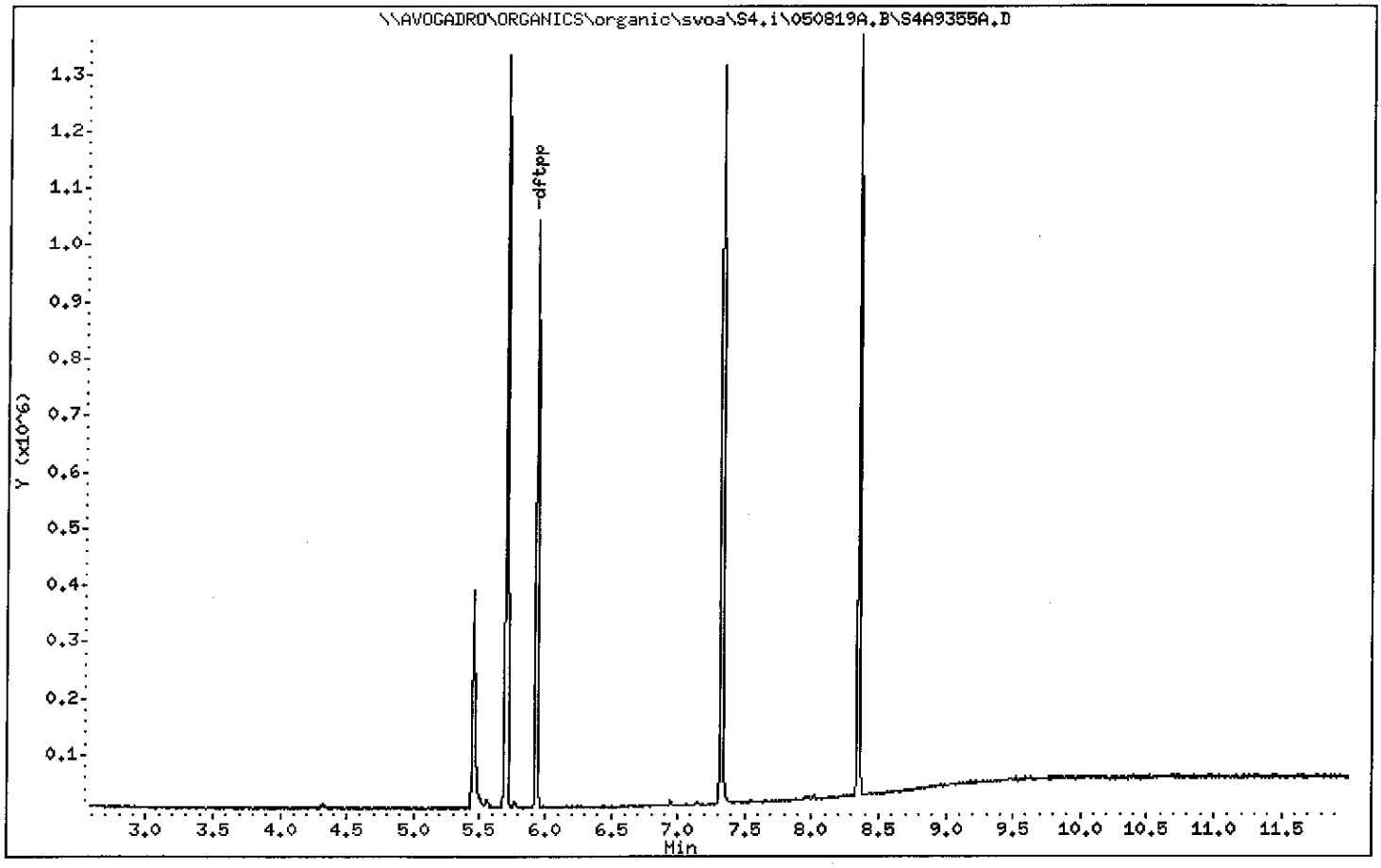
Instrument: S4.i

Sample Info: DFTPP4P,DFTPP4P

Operator: AW

Column phase: DB-5MS

Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9425.D

Date : 24-AUG-2005 14:41

Client ID: DFTPP4T

Instrument: S4.i

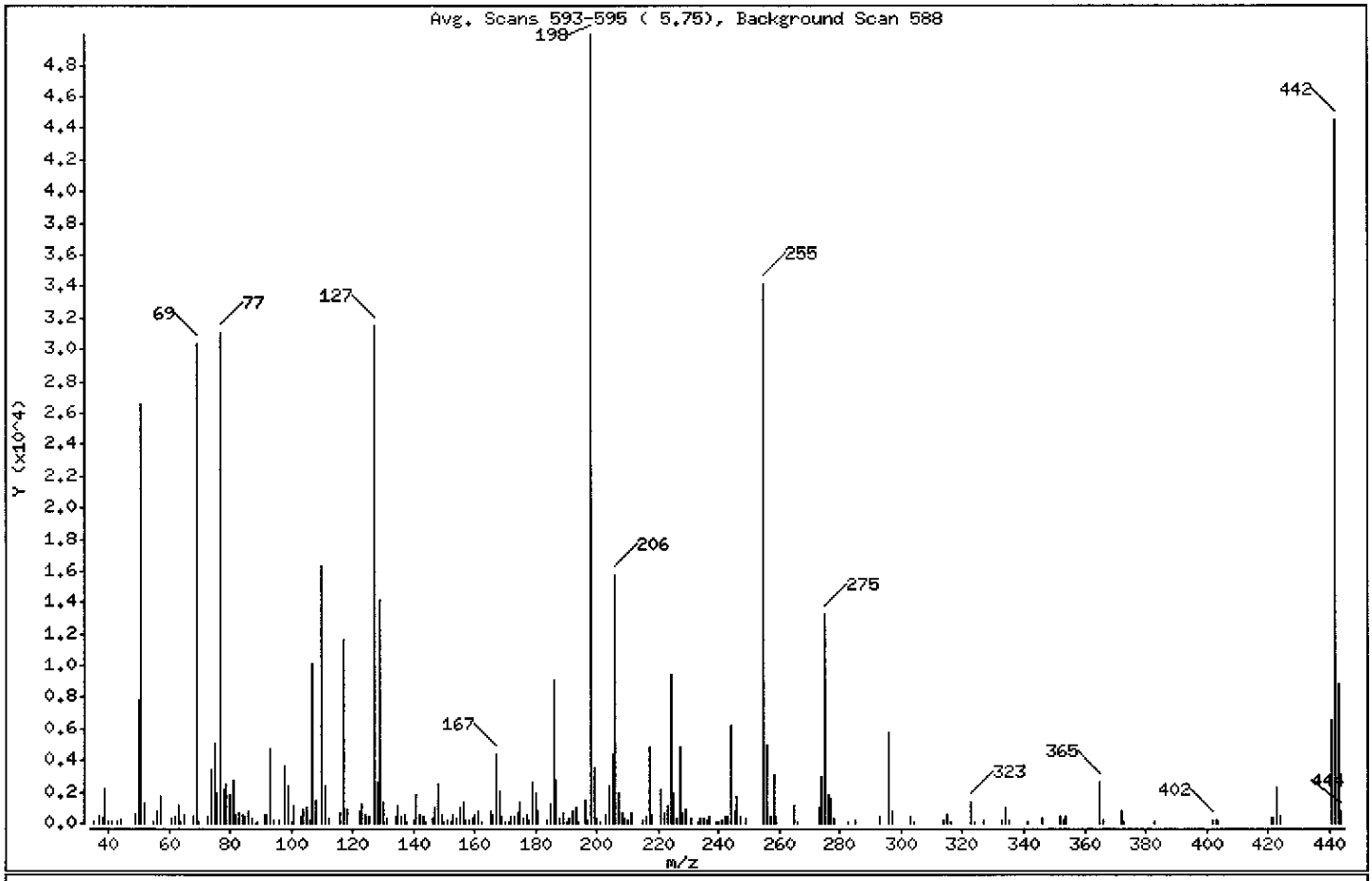
Sample Info: DFTPP4T,DFTPP4T

Operator: AW

Column phase: DB-5MS

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	53.33
68	Less than 2.00% of mass 69	0.87 (1.43)
69	Mass 69 relative abundance	60.72
70	Less than 2.00% of mass 69	0.23 (0.38)
127	25.00 - 75.00% of mass 198	63.08
197	Less than 1.00% of mass 198	0.39
199	5.00 - 9.00% of mass 198	7.14
275	10.00 - 30.00% of mass 198	26.44
365	Greater than 0.75% of mass 198	5.31
441	Present, but less than mass 443	13.19
442	40.00 - 110.00% of mass 198	89.25
443	15.00 - 24.00% of mass 442	17.64 (19.76)

Date : 24-AUG-2005 14:41

Client ID: DFTPP4T Instrument: S4.i

Sample Info: DFTPP4T,DFTPP4T

Operator: AW

Column phase: DB-5MS Column diameter: 0.25

Data File: S4A9425.D
Spectrum: Avg. Scans 593-595 (5.75), Background Scan 588
Location of Maximum: 198.00
Number of points: 219

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	128	110.00	16294	178.00	187	245.00	800
37.00	448	111.00	2455	179.00	2671	246.00	1756
38.00	344	112.00	330	180.00	1964	247.00	432
39.00	2172	116.00	644	181.00	778	249.00	322
40.00	157	117.00	11625	184.00	218	255.00	34112
41.00	138	118.00	912	185.00	1261	256.00	4890
43.00	119	122.00	831	186.00	9053	257.00	486
44.00	233	123.00	1266	187.00	2717	258.00	3080
49.00	607	124.00	558	188.00	350	259.00	500
50.00	7809	125.00	439	189.00	707	265.00	1141
51.00	26616	127.00	31488	190.00	68	266.00	122
52.00	1295	128.00	2650	191.00	389	273.00	1056
55.00	95	129.00	14134	192.00	811	274.00	2947
56.00	857	130.00	1323	193.00	988	275.00	13201
57.00	1755	131.00	300	194.00	87	276.00	1849
61.00	364	134.00	419	196.00	1451	277.00	1604
62.00	506	135.00	1177	197.00	196	278.00	369
63.00	1122	136.00	476	198.00	49920	283.00	130
64.00	85	137.00	550	199.00	3563	285.00	272
65.00	533	138.00	79	200.00	362	293.00	403
68.00	432	140.00	191	201.00	158	296.00	5791
69.00	30312	141.00	1818	203.00	615	297.00	799
70.00	116	142.00	556	204.00	2440	303.00	474
73.00	486	143.00	425	205.00	4364	304.00	89
74.00	3443	144.00	72	206.00	15800	314.00	197
75.00	5022	146.00	312	207.00	1908	315.00	609
76.00	1950	147.00	1055	208.00	740	316.00	104
77.00	31104	148.00	2579	209.00	306	323.00	1372
78.00	2142	149.00	566	210.00	220	324.00	136
79.00	2533	150.00	153	211.00	656	327.00	281
80.00	1890	151.00	181	215.00	233	333.00	235
81.00	2767	152.00	86	216.00	461	334.00	1033
82.00	597	153.00	607	217.00	4800	335.00	190
83.00	669	154.00	382	218.00	617	341.00	80
84.00	577	155.00	1005	221.00	2128	346.00	397

Date : 24-AUG-2005 14:41

Client ID: DFTPP4T Instrument: S4.i

Sample Info: DFTPP4T,DFTPP4T

Operator: AW

Column phase: DB-5MS Column diameter: 0.25

Data File: S4A9425.D
Spectrum: Avg. Scans 593-595 (5.75), Background Scan 588
Location of Maximum: 198.00
Number of points: 219

m/z	Y	m/z	Y	m/z	Y	m/z	Y
85.00	419	156.00	1331	222.00	734	352.00	424
86.00	812	157.00	177	223.00	1121	353.00	228
87.00	399	158.00	287	224.00	9464	354.00	418
88.00	46	159.00	342	225.00	2003	365.00	2653
89.00	81	160.00	619	226.00	319	366.00	267
91.00	568	161.00	797	227.00	4855	372.00	749
92.00	580	162.00	169	228.00	735	373.00	153
93.00	4680	165.00	856	229.00	880	383.00	104
94.00	238	166.00	546	231.00	345	402.00	243
96.00	250	167.00	4420	233.00	70	403.00	220
98.00	3735	168.00	2020	234.00	315	404.00	76
99.00	2360	169.00	405	235.00	376	421.00	368
100.00	172	170.00	88	236.00	204	422.00	372
101.00	1165	171.00	78	237.00	413	423.00	2310
103.00	434	172.00	409	239.00	76	424.00	414
104.00	958	173.00	418	240.00	112	441.00	6584
105.00	982	174.00	726	241.00	263	442.00	44552
106.00	266	175.00	1359	242.00	501	443.00	8805
107.00	10117	176.00	386	243.00	468	444.00	856
108.00	1524	177.00	597	244.00	6177		

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9425.D

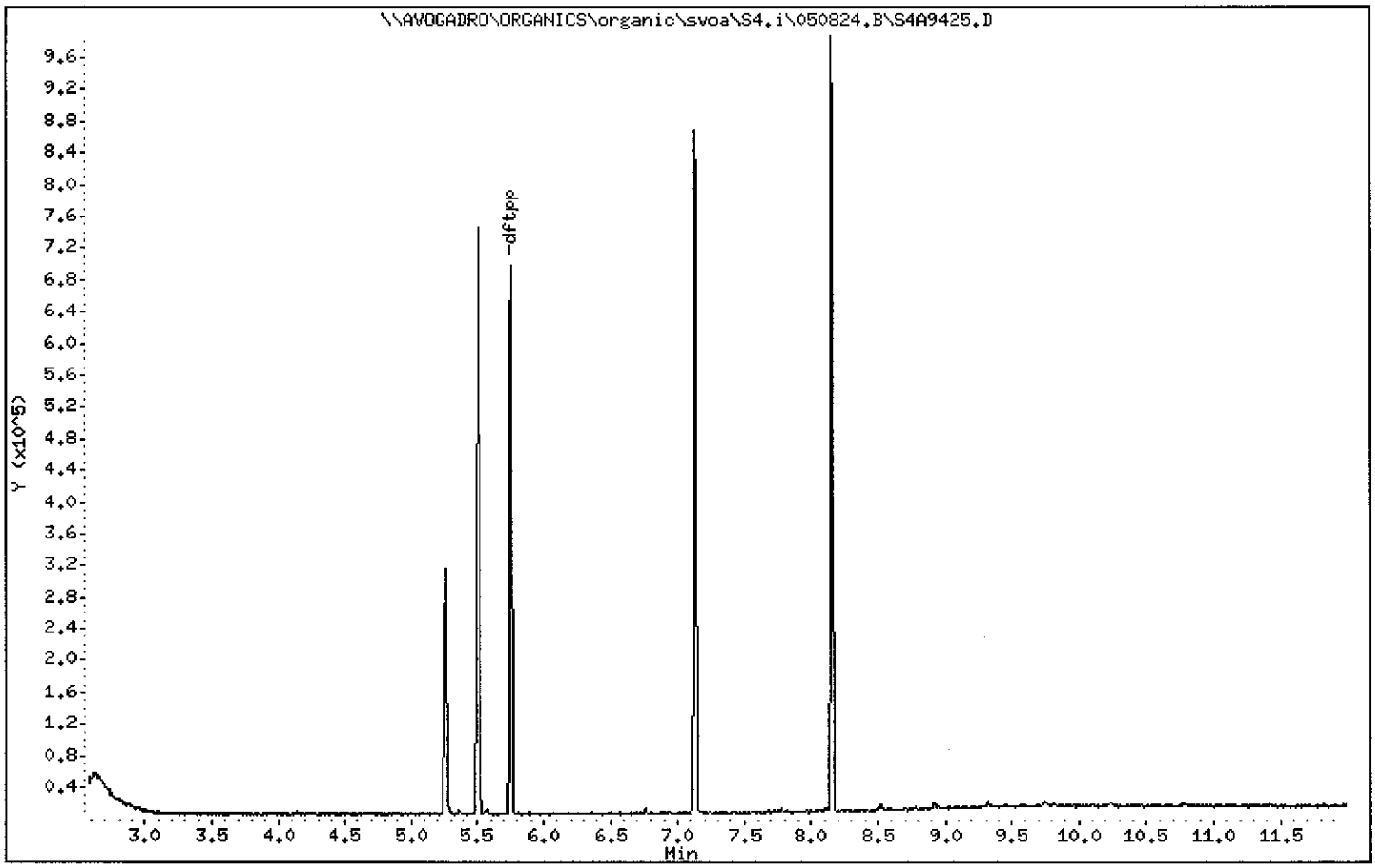
Date : 24-AUG-2005 14:41

Client ID: DFTPP4T Instrument: S4.i

Sample Info: DFTPP4T,DFTPP4T

Operator: AW

Column phase: DB-5MS Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9450.D

Date : 25-AUG-2005 09:21

Client ID: DFTPP4U

Instrument: S4.i

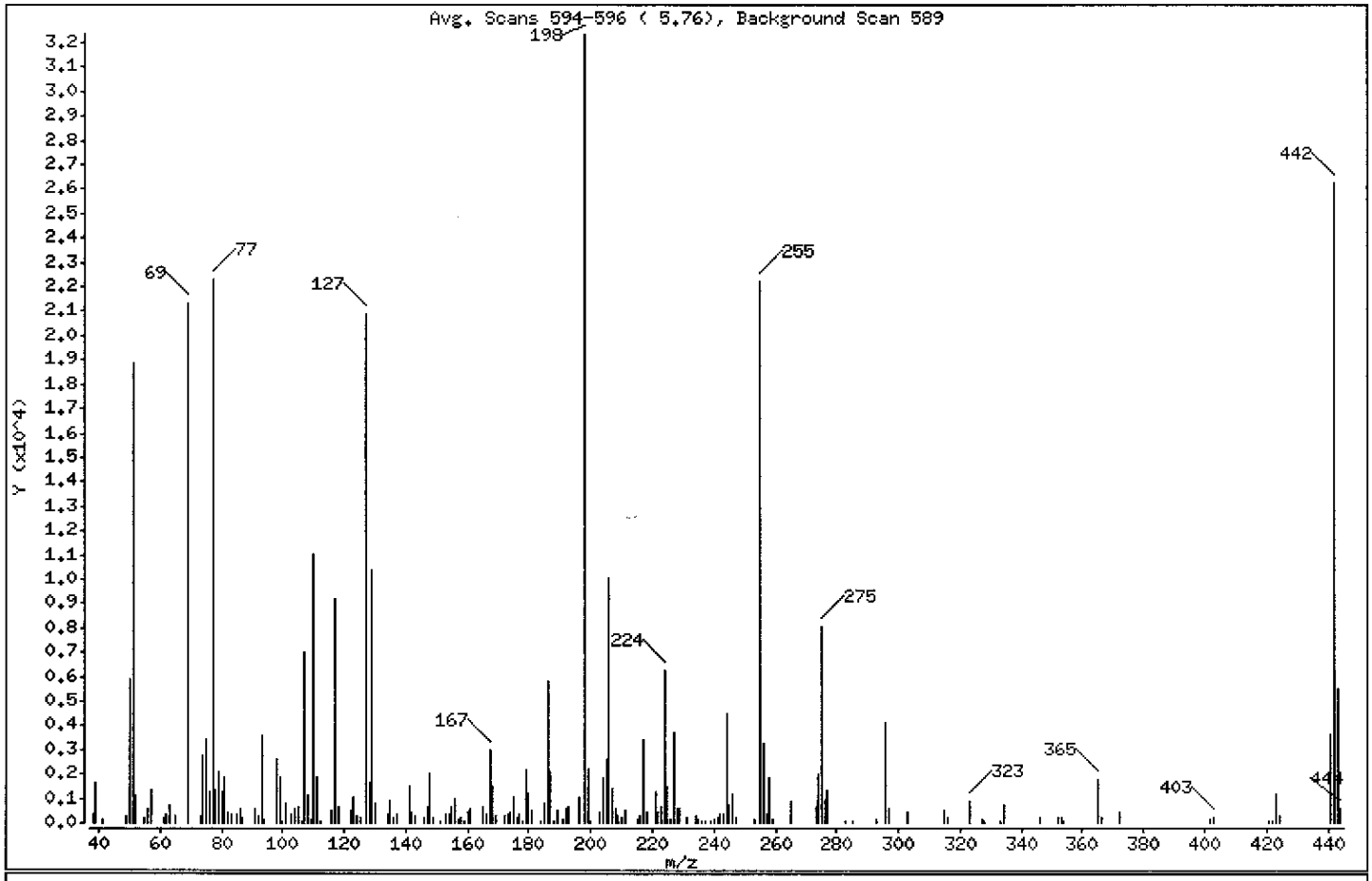
Sample Info: DFTPP4U,DFTPP4U

Operator: AW

Column phase: DB-5MS

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	58.33
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	66.01
70	Less than 2.00% of mass 69	0.00 (0.00)
127	25.00 - 75.00% of mass 198	64.53
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.84
275	10.00 - 30.00% of mass 198	24.88
365	Greater than 0.75% of mass 198	5.42
441	Present, but less than mass 443	11.20
442	40.00 - 110.00% of mass 198	81.21
443	15.00 - 24.00% of mass 442	16.94 (20.86)

Date : 25-AUG-2005 09:21

Client ID: DFTPP4U Instrument: S4.i

Sample Info: DFTPP4U,DFTPP4U

Operator: AW

Column phase: DB-5MS Column diameter: 0.25

Data File: S4A9450.D
Spectrum: Avg. Scans 594-596 (5.76), Background Scan 589
Location of Maximum: 198.00
Number of points: 185

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	372	116.00	498	184.00	76	246.00	1186
39.00	1672	117.00	9193	185.00	842	247.00	222
41.00	147	118.00	707	186.00	5854	253.00	130
49.00	268	122.00	505	187.00	2103	255.00	22240
50.00	5861	123.00	1021	188.00	95	256.00	3246
51.00	18880	124.00	308	189.00	546	257.00	365
52.00	1089	125.00	253	191.00	179	258.00	1878
55.00	258	127.00	20888	192.00	570	259.00	125
56.00	594	128.00	1678	193.00	646	265.00	917
57.00	1361	129.00	10361	196.00	1072	273.00	670
61.00	223	130.00	825	198.00	32376	274.00	1993
62.00	339	134.00	397	199.00	2216	275.00	8055
63.00	750	135.00	879	200.00	88	276.00	997
65.00	324	136.00	227	203.00	412	277.00	1358
69.00	21368	137.00	345	204.00	1839	283.00	95
73.00	264	141.00	1519	205.00	2588	285.00	66
74.00	2736	142.00	453	206.00	10067	293.00	159
75.00	3441	143.00	276	207.00	1433	296.00	4109
76.00	1300	146.00	217	208.00	560	297.00	580
77.00	22320	147.00	701	209.00	271	303.00	469
78.00	1378	148.00	1995	210.00	193	315.00	523
79.00	2064	149.00	201	211.00	499	316.00	187
80.00	1256	151.00	97	215.00	180	323.00	912
81.00	1890	153.00	403	216.00	311	327.00	169
82.00	439	154.00	354	217.00	3451	328.00	87
83.00	365	155.00	705	218.00	430	333.00	77
85.00	353	156.00	960	221.00	1243	334.00	750
86.00	622	157.00	156	222.00	415	346.00	255
87.00	195	158.00	252	223.00	667	352.00	205
91.00	578	159.00	69	224.00	6270	353.00	208
92.00	327	160.00	476	225.00	1522	354.00	87
93.00	3617	161.00	590	226.00	143	365.00	1755
94.00	144	165.00	648	227.00	3751	366.00	224
98.00	2600	166.00	389	228.00	593	372.00	420
99.00	1835	167.00	3017	229.00	634	402.00	153

Date : 25-AUG-2005 09:21

Client ID: DFTPP4U Instrument: S4.i

Sample Info: DFTPP4U,DFTPP4U

Operator: AW

Column phase: DB-5MS Column diameter: 0.25

Data File: S4A9450.D
Spectrum: Avg. Scans 594-596 (5.76), Background Scan 589
Location of Maximum: 198.00
Number of points: 185

m/z	Y	m/z	Y	m/z	Y	m/z	Y
100.00	69	168.00	1506	231.00	189	403.00	223
101.00	845	169.00	269	234.00	283	421.00	75
103.00	378	172.00	267	235.00	164	422.00	67
104.00	622	173.00	404	236.00	83	423.00	1178
105.00	667	174.00	442	237.00	72	424.00	318
106.00	107	175.00	1037	239.00	92	441.00	3627
107.00	7011	176.00	198	240.00	138	442.00	26288
108.00	1087	177.00	398	241.00	194	443.00	5486
109.00	154	178.00	69	242.00	362	444.00	573
110.00	11030	179.00	2145	243.00	367		
111.00	1835	180.00	1185	244.00	4450		
112.00	101	181.00	506	245.00	766		

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050825.B\S4A9450.D

Date : 25-AUG-2005 09:21

Client ID: DFTPP4U

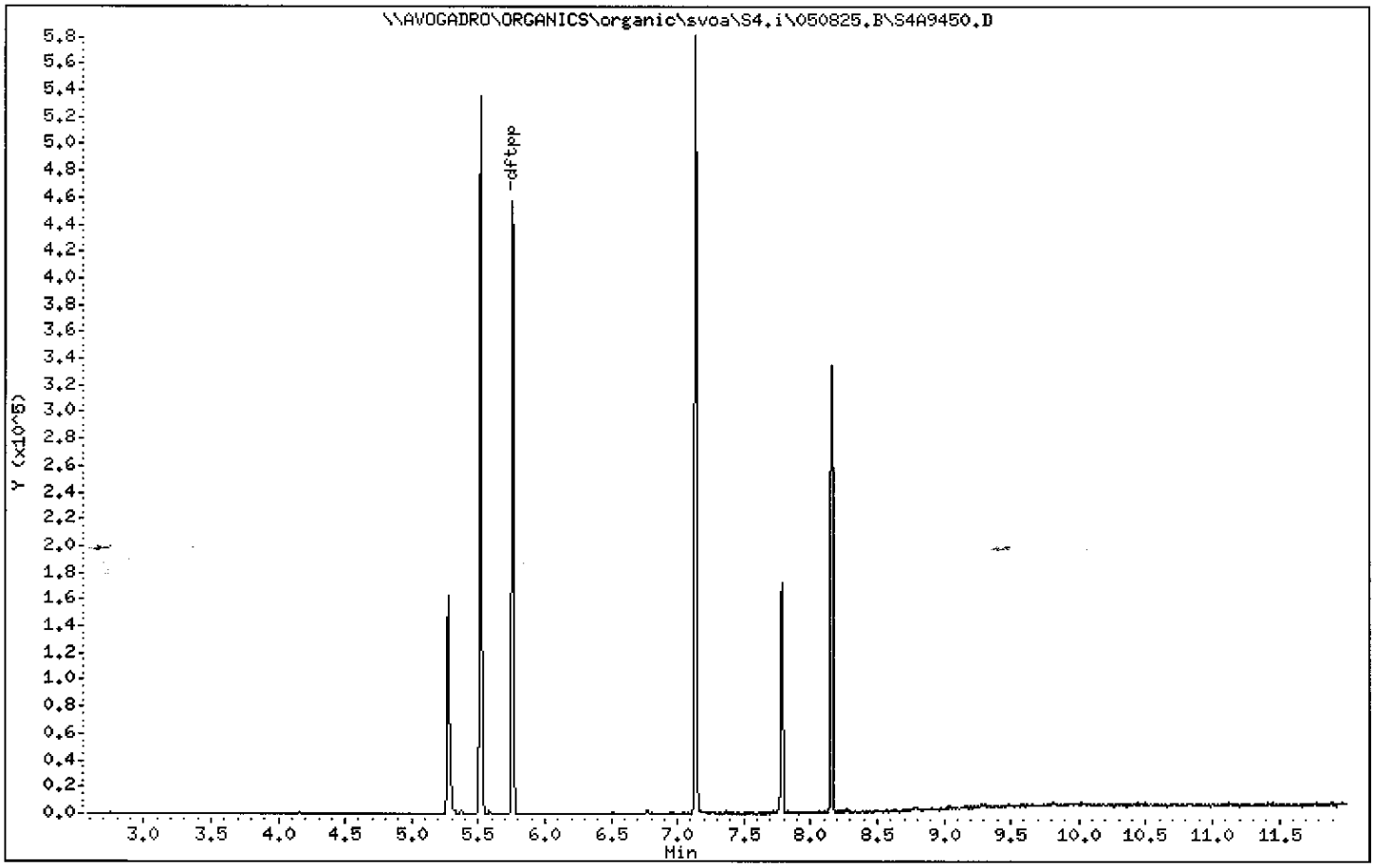
Instrument: S4.i

Sample Info: DFTPP4U,DFTPP4U

Operator: AW

Column phase: DB-5MS

Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9520.D

Date : 31-AUG-2005 10:57

Client ID: DFTPP4X

Instrument: S4.i

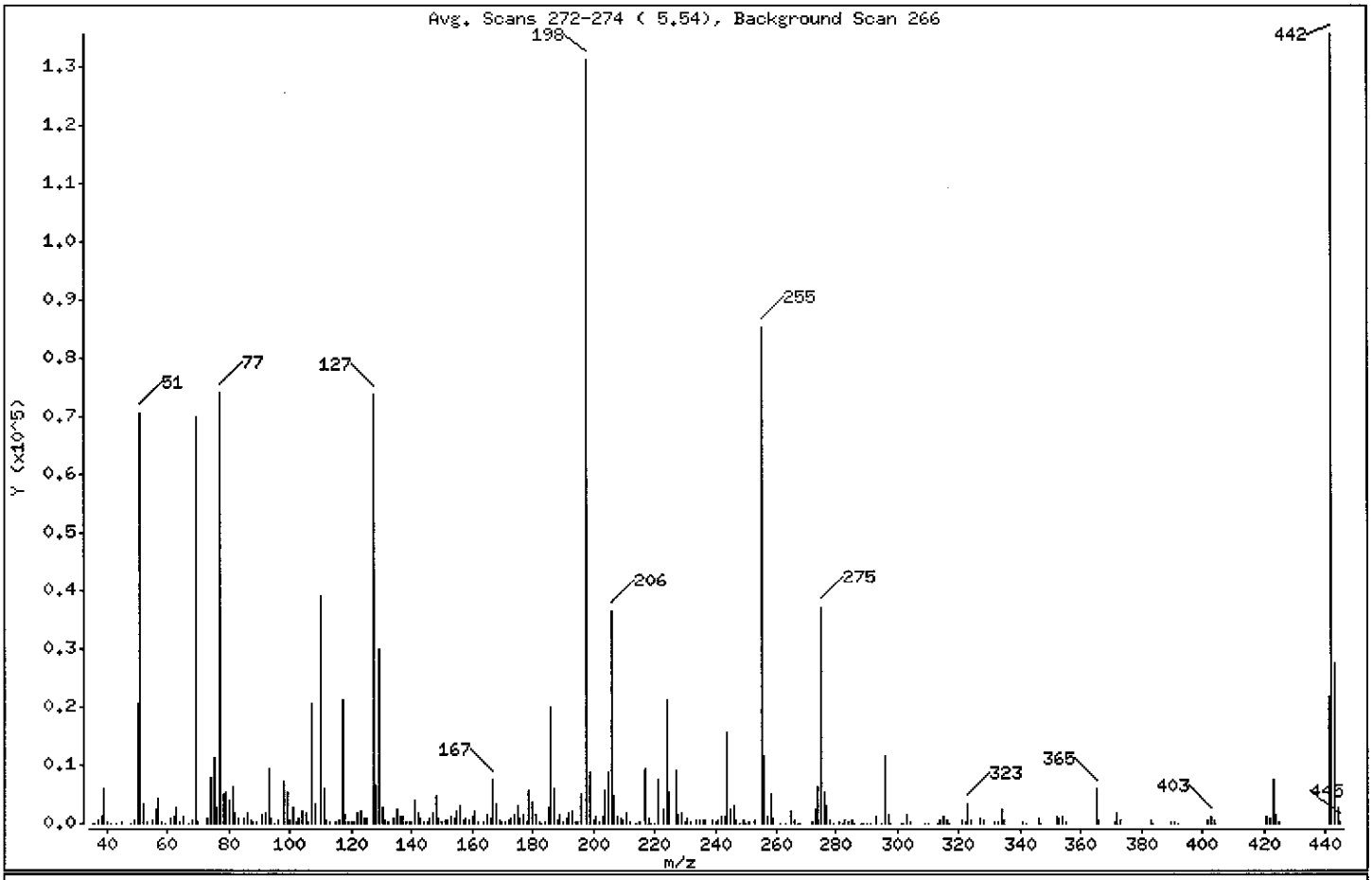
Sample Info: DFTPP4X,DFTPP4X

Operator: AW

Column phase: DB-5MS

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	53.79
68	Less than 2.00% of mass 69	0.49 (0.92)
69	Mass 69 relative abundance	53.48
70	Less than 2.00% of mass 69	0.27 (0.51)
127	25.00 - 75.00% of mass 198	56.24
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.60
275	10.00 - 30.00% of mass 198	28.47
365	Greater than 0.75% of mass 198	4.57
441	Present, but less than mass 443	16.79
442	40.00 - 110.00% of mass 198	103.39
443	15.00 - 24.00% of mass 442	21.06 (20.37)

Date : 31-AUG-2005 10:57

Client ID: DFTPP4X Instrument: S4.i

Sample Info: DFTPP4X,DFTPP4X

Operator: AW

Column phase: DB-5MS Column diameter: 0.25

Data File: S4A9520.D
Spectrum: Avg. Scans 272-274 (5.54), Background Scan 266
Location of Maximum: 442.00
Number of points: 280

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	88	120.00	283	194.00	258	281.00	187
36.00	98	121.00	185	195.00	220	282.00	75
37.00	608	122.00	1761	196.00	5051	283.00	543
38.00	1312	123.00	2284	198.00	131200	284.00	362
39.00	6014	124.00	943	199.00	8663	285.00	530
40.00	233	125.00	968	200.00	763	286.00	81
41.00	124	127.00	73800	201.00	1113	288.00	88
43.00	127	128.00	6471	202.00	158	289.00	89
45.00	316	129.00	30168	203.00	1163	290.00	77
48.00	40	130.00	2872	204.00	5643	291.00	72
49.00	469	131.00	703	205.00	8882	293.00	1116
50.00	20736	132.00	325	206.00	36608	295.00	120
51.00	70584	134.00	876	207.00	4678	296.00	11601
52.00	3380	135.00	2579	208.00	1386	297.00	1453
53.00	289	136.00	1133	209.00	813	298.00	97
55.00	667	137.00	1304	210.00	574	301.00	99
56.00	2437	138.00	222	211.00	1787	302.00	75
57.00	4389	139.00	160	212.00	256	303.00	1536
58.00	234	140.00	455	214.00	117	304.00	462
59.00	147	141.00	4216	215.00	440	309.00	72
61.00	878	142.00	1840	217.00	9509	310.00	135
62.00	1148	143.00	970	218.00	1036	313.00	86
63.00	2923	144.00	194	219.00	141	314.00	683
64.00	393	145.00	321	220.00	90	315.00	1248
65.00	1332	146.00	924	221.00	7421	316.00	748
67.00	152	147.00	1769	223.00	2542	317.00	85
68.00	643	148.00	4774	224.00	21128	321.00	507
69.00	70176	149.00	911	225.00	5463	322.00	243
70.00	357	150.00	327	227.00	9199	323.00	3475
73.00	812	151.00	631	228.00	1528	324.00	698
74.00	7776	152.00	524	229.00	1809	327.00	872
75.00	11295	153.00	1406	230.00	309	328.00	548
76.00	2814	154.00	799	231.00	810	332.00	324
77.00	73992	155.00	2216	232.00	286	333.00	173
78.00	5070	156.00	3179	234.00	671	334.00	2560

Date : 31-AUG-2005 10:57

Client ID: DFTPP4X Instrument: S4.i

Sample Info: DFTPP4X,DFTPP4X

Operator: AW

Column phase: DB-5MS Column diameter: 0.25

Data File: S4A9520.D
Spectrum: Avg. Scans 272-274 (5.54), Background Scan 266
Location of Maximum: 442.00
Number of points: 280

m/z	Y	m/z	Y	m/z	Y	m/z	Y
79.00	5350	157.00	670	235.00	708	335.00	586
80.00	4084	158.00	846	236.00	499	341.00	387
81.00	6280	159.00	666	237.00	523	342.00	70
82.00	1743	160.00	1194	239.00	478	346.00	1077
83.00	1080	161.00	2124	240.00	240	347.00	69
85.00	1054	162.00	452	241.00	631	352.00	1388
86.00	1818	164.00	268	242.00	1229	353.00	817
87.00	764	165.00	1613	243.00	1314	354.00	1289
88.00	389	166.00	896	244.00	15766	355.00	216
89.00	176	167.00	7405	245.00	2427	365.00	5991
91.00	1524	168.00	3418	246.00	3226	366.00	574
92.00	1783	169.00	718	247.00	665	371.00	225
93.00	9269	170.00	370	248.00	89	372.00	1845
94.00	881	171.00	457	249.00	580	373.00	575
95.00	21	172.00	778	250.00	87	383.00	637
96.00	498	173.00	958	251.00	173	384.00	119
98.00	7201	174.00	1413	253.00	659	390.00	227
99.00	5279	175.00	3177	255.00	85296	391.00	194
100.00	588	176.00	1040	256.00	11615	392.00	85
101.00	2878	177.00	1649	257.00	1298	402.00	738
102.00	196	178.00	464	258.00	5120	403.00	1354
103.00	974	179.00	5746	259.00	931	404.00	529
104.00	2091	180.00	3611	261.00	87	421.00	1159
105.00	1975	181.00	1639	263.00	70	422.00	1030
106.00	290	182.00	285	265.00	2153	423.00	7547
107.00	20712	183.00	124	266.00	609	424.00	1620
108.00	3416	184.00	422	267.00	71	425.00	192
110.00	39224	185.00	2902	268.00	72	441.00	22032
111.00	5999	186.00	19864	272.00	303	442.00	135680
112.00	732	187.00	5825	273.00	2592	443.00	27632
113.00	172	188.00	635	274.00	6303	444.00	2676
115.00	169	189.00	1537	275.00	37352	445.00	172
116.00	682	190.00	343	276.00	5283		
117.00	21224	191.00	904	277.00	3215		
118.00	1468	192.00	1807	278.00	490		

Date : 31-AUG-2005 10:57

Client ID: DFTPP4X Instrument: S4.i

Sample Info: DFTPP4X,DFTPP4X

Operator: AW

Column phase: DB-5MS Column diameter: 0.25

Data File: S4A9520.D
Spectrum: Avg. Scans 272-274 (5.54), Background Scan 266
Location of Maximum: 442.00
Number of points: 280

m/z	Y	m/z	Y	m/z	Y	m/z	Y
119.00	289	193.00	2091	279.00	94		

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9520.D

Date : 31-AUG-2005 10:57

Client ID: DFTPP4X

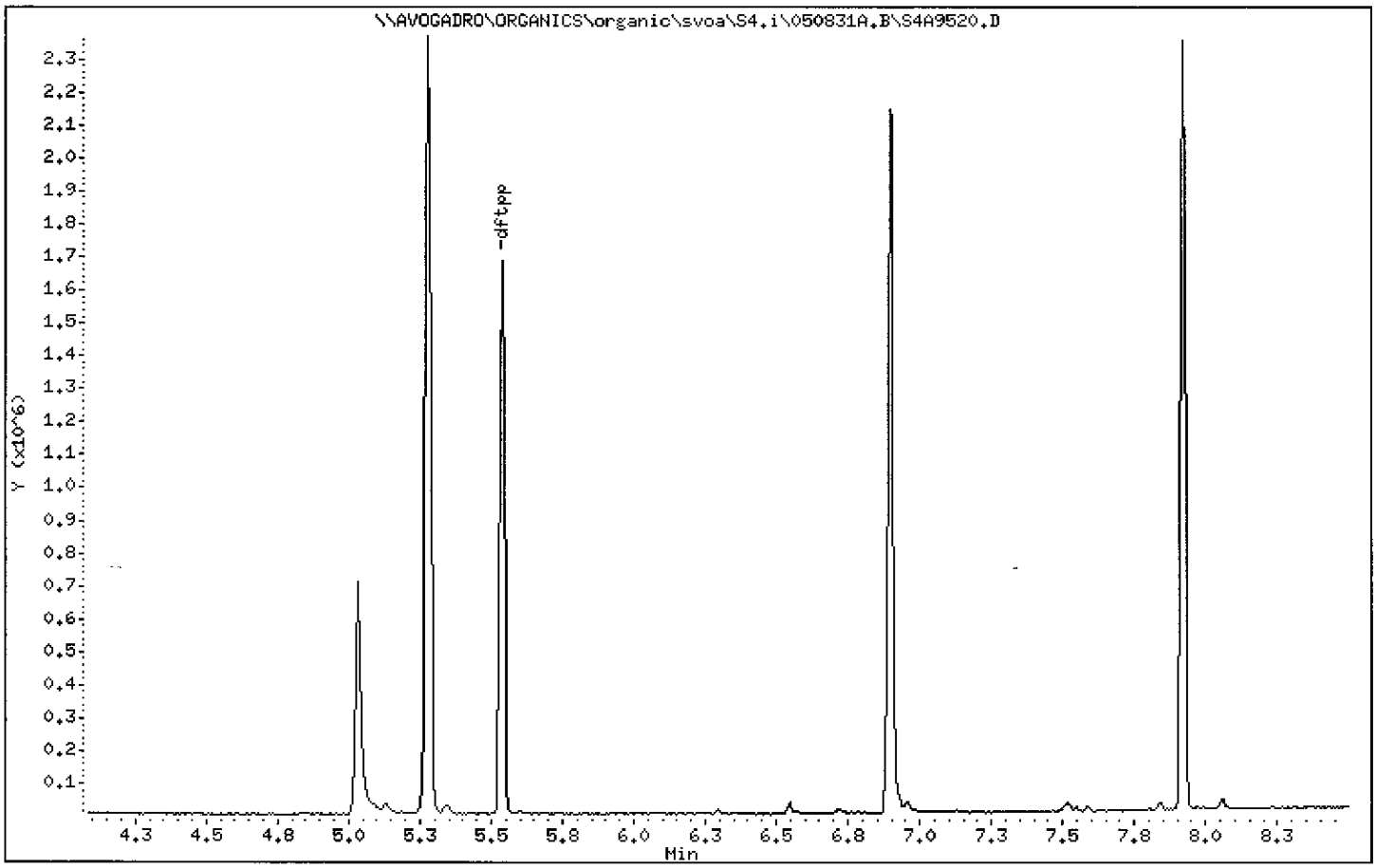
Instrument: S4.i

Sample Info: DFTPP4X,DFTPP4X

Operator: AW

Column phase: DB-5MS

Column diameter: 0.25



SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK4D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19468

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9427

Level: (low/med) LOW Date Received: _____

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	330	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
98-86-2	Acetophenone	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
105-60-2	Caprolactam	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	830	U
92-52-4	1,1'-Biphenyl	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	U
131-11-3	Dimethylphthalate	330	U
606-20-2	2,6-Dinitrotoluene	330	U
208-96-8	Acenaphthylene	330	U
99-09-2	3-Nitroaniline	830	U
83-32-9	Acenaphthene	330	U

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SBLK4D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19468

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9427

Level: (low/med) LOW Date Received: _____

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	830	U
100-02-7	4-Nitrophenol	830	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
86-73-7	Fluorene	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
100-01-6	4-Nitroaniline	830	U
534-52-1	4,6-Dinitro-2-methylphenol	830	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	830	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	35	J
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SBLK4D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19468

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9427

Level: (low/med) LOW Date Received: _____

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: ___ Extraction: (Type) SONC

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	17.06	97	J
2.		UNKNOWN	24.38	2400	J
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
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19.					
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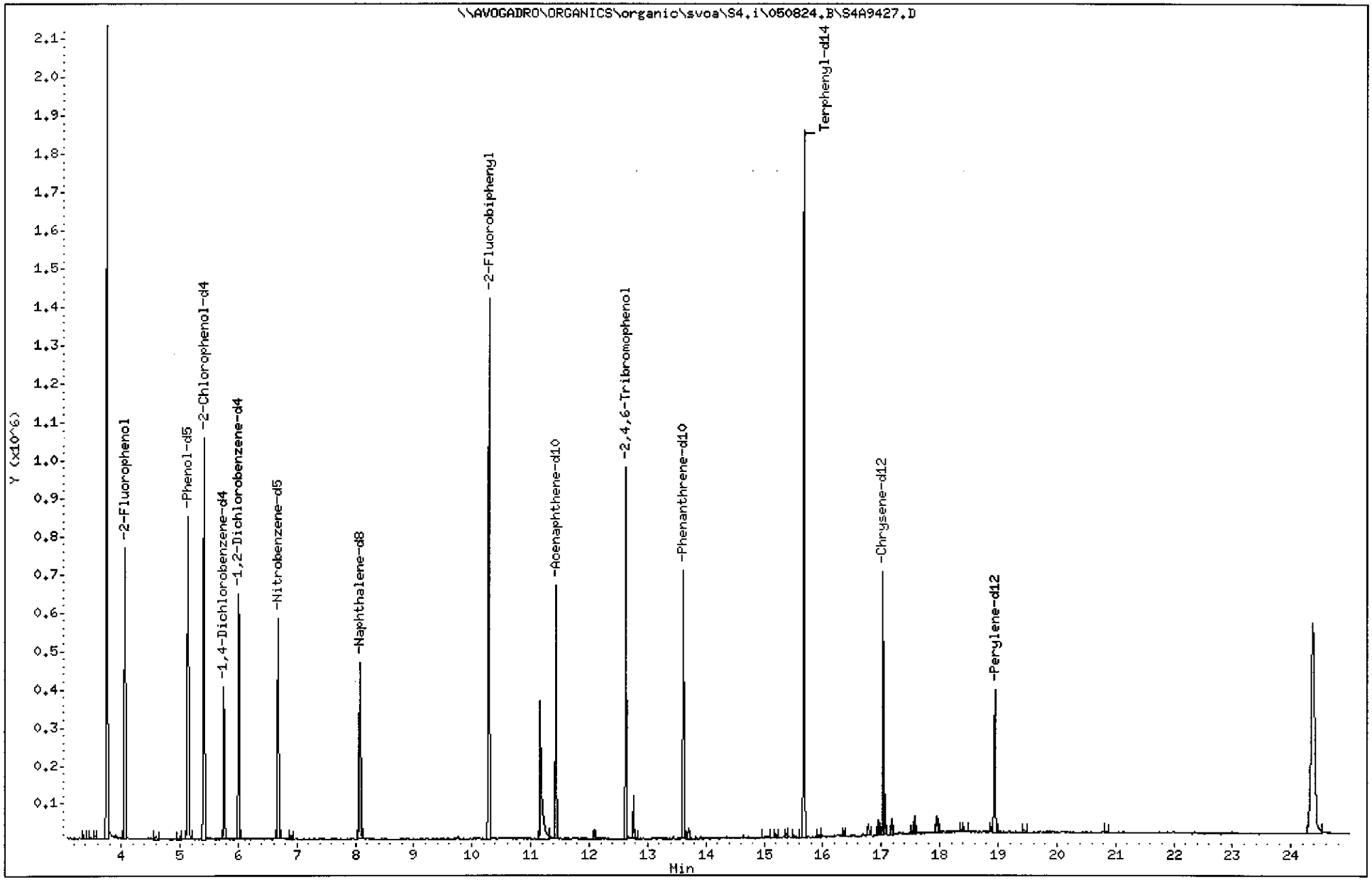
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9427.D
Date : 24-AUG-2005 15:42
Client ID: SBLK4D
Instrument: S4.i
Sample Info: MB-19468,SBLK4D,19468
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9427.D
Report Date: 31-Aug-2005 10:59

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9427.D
Lab Smp Id: MB-19468 Client Smp ID: SBLK4D
Inj Date : 24-AUG-2005 15:42
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : MB-19468,SBLK4D,19468
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D ✓
Als bottle: 6 QC Sample: BLANK ✓
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	4.068	4.048	(0.707)	246650	119.488	2000
$	3 Phenol-d5	99	5.145	5.135	(0.894)	373629	126.673	2100
$	6 2-Chlorophenol-d4	132	5.414	5.414	(0.941)	303483	121.973	2000
*	8 1,4-Dichlorobenzene-d4	152	5.755	5.755	(1.000)	74226	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	6.004	6.004	(1.043)	127606	74.1005	1200
$	16 Nitrobenzene-d5	82	6.677	6.677	(0.827)	277129	78.2310	1300
*	23 Naphthalene-d8	136	8.074	8.074	(1.000)	308655	40.0000	
$	33 2-Fluorobiphenyl	172	10.289	10.289	(0.900)	507837	88.2466	1500
*	41 Acenaphthene-d10	164	11.438	11.438	(1.000)	167495	40.0000	
$	53 2,4,6-Tribromophenol	330	12.638	12.628	(0.929)	110804	146.735	2400
*	58 Phenanthrene-d10	188	13.611	13.611	(1.000)	287362	40.0000	
$	65 Terphenyl-d14	244	15.681	15.671	(0.921)	655132	108.288	1800
*	69 Chrysene-d12	240	17.027	17.027	(1.000)	240718	40.0000	

Data File: S4A9427.D
Report Date: 31-Aug-2005 10:59

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
71 bis(2-Ethylhexyl)phthalate	149	16.965	16.954	(0.996)	13008	2.09635	35(a)
* 76 Perylene-d12	264	18.942	18.942	(1.000)	197439	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

08/31/05

Data File: S4A9427.D
Report Date: 31-Aug-2005 10:59

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9427.D
Lab Smp Id: MB-19468 Client Smp ID: SBLK4D
Inj Date : 24-AUG-2005 15:42
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : MB-19468,SBLK4D,19468
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.000	% Moisture

ISTD	RT	AREA	AMOUNT
* 41 Acenaphthene-d10	11.438	789970	40.000
* 58 Phenanthrene-d10	13.611	847573	40.000
* 69 Chrysene-d12	17.027	805577	40.000
* 76 Perylene-d12	18.942	644675	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9427.D
Report Date: 31-Aug-2005 10:59

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Cyclic Alkane				CAS #:			
11.158	866615	43.8809069	730	0		0	41
Cyclic Alkane				CAS #:			
12.763	106483	5.02531345	84	0		0	58
Unknown				CAS #:			
17.058	117244	5.82161606	97	0		0	69
Unknown				CAS #:			
24.376	2348163	145.695924	2400	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9427.D

Date : 24-AUG-2005 15:42

Client ID: SBLK4D

Instrument: S4.i

Sample Info: MB-19468,SBLK4D,19468

Volume Injected (uL): 2.0

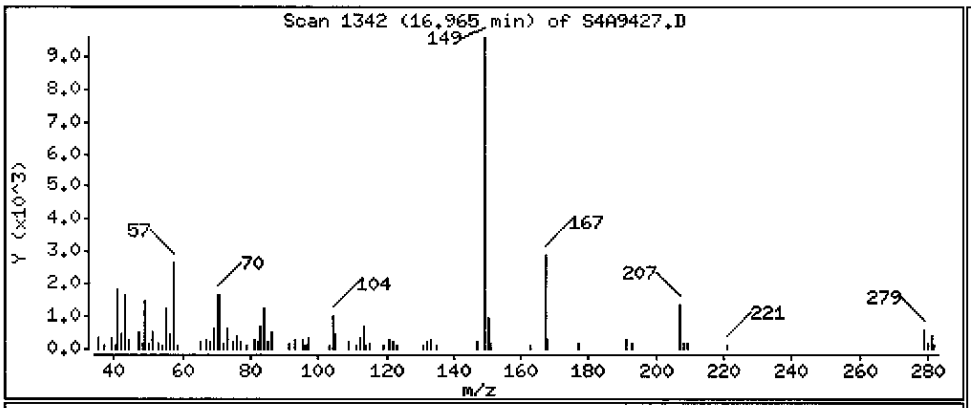
Operator: AW SRC: LIMS

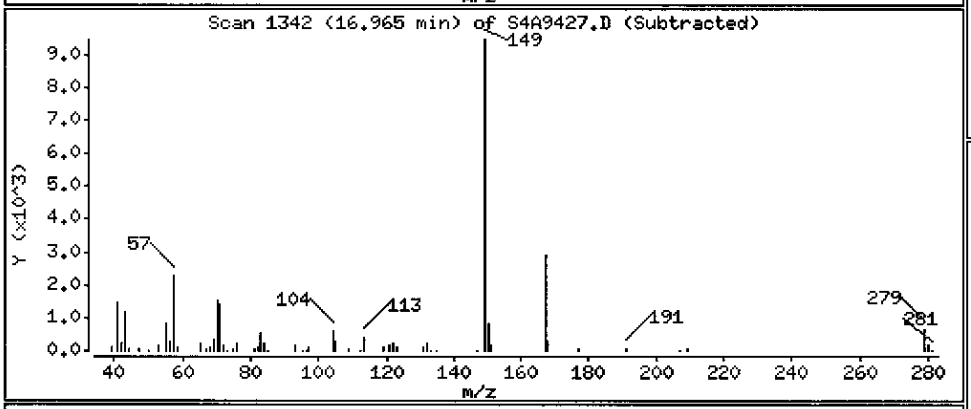
Column phase: DB-5MS

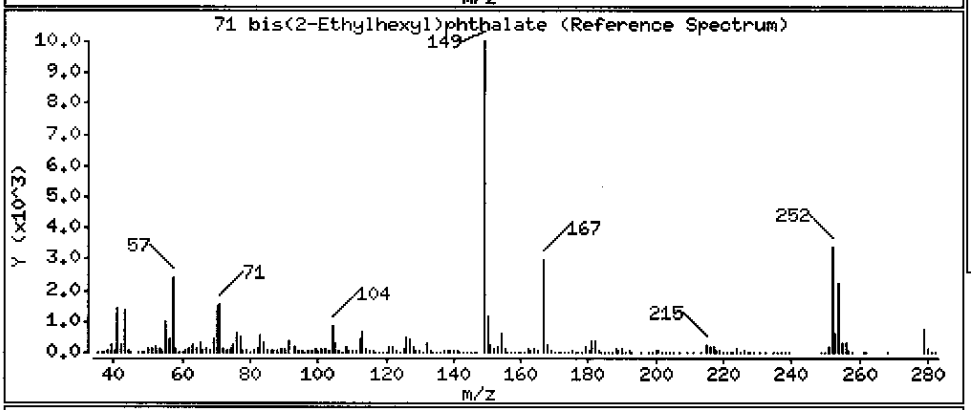
Column diameter: 0.25

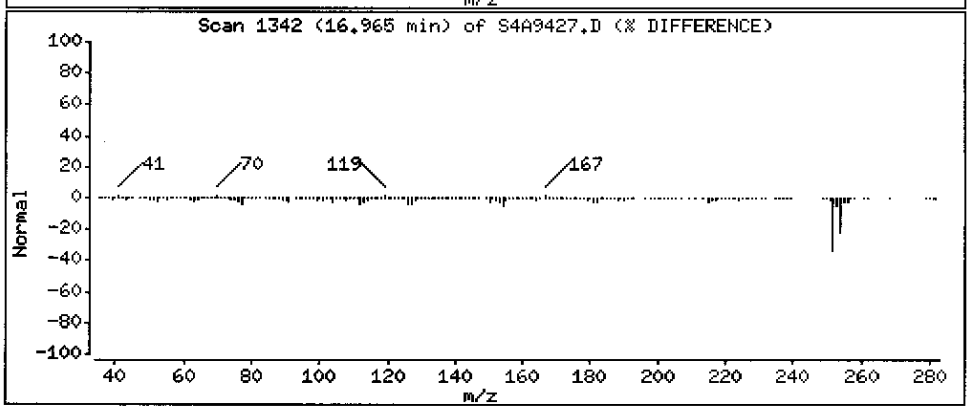
71 bis(2-Ethylhexyl)phthalate

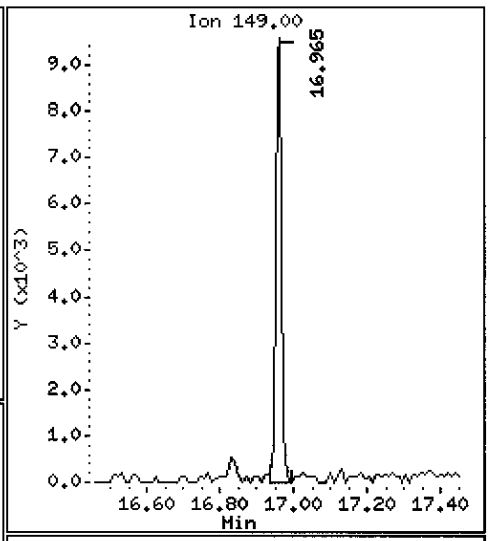
Concentration: 35 ug/Kg

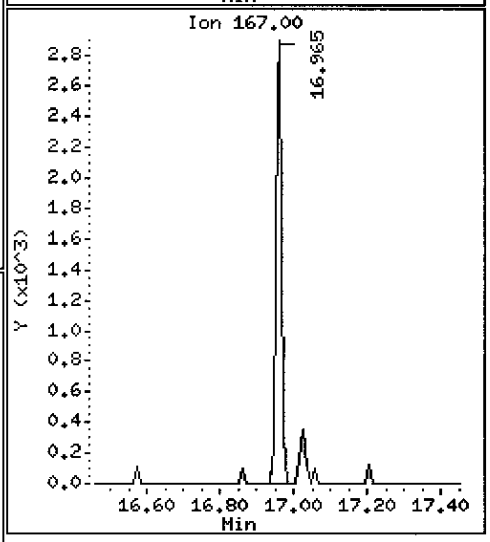












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9427.D

Date : 24-AUG-2005 15:42

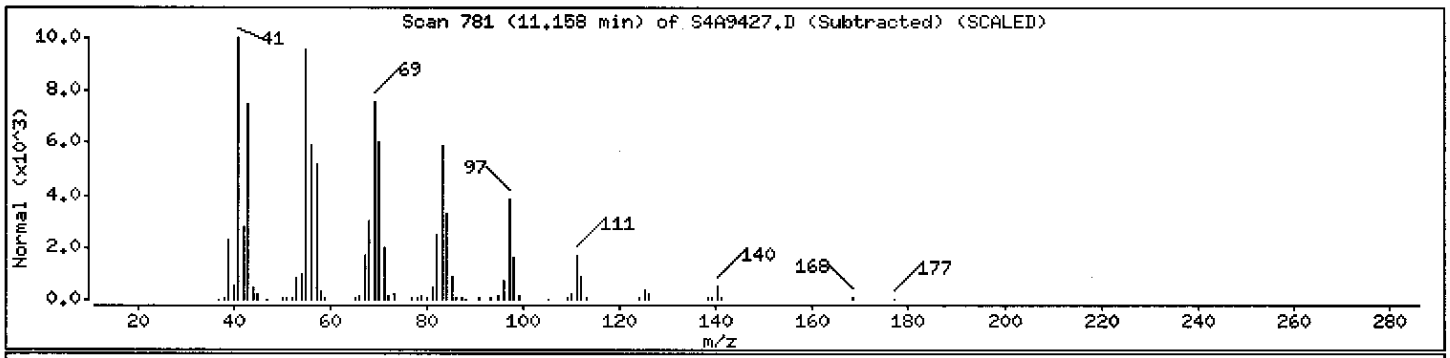
Client ID: SBLK4D Instrument: S4.i

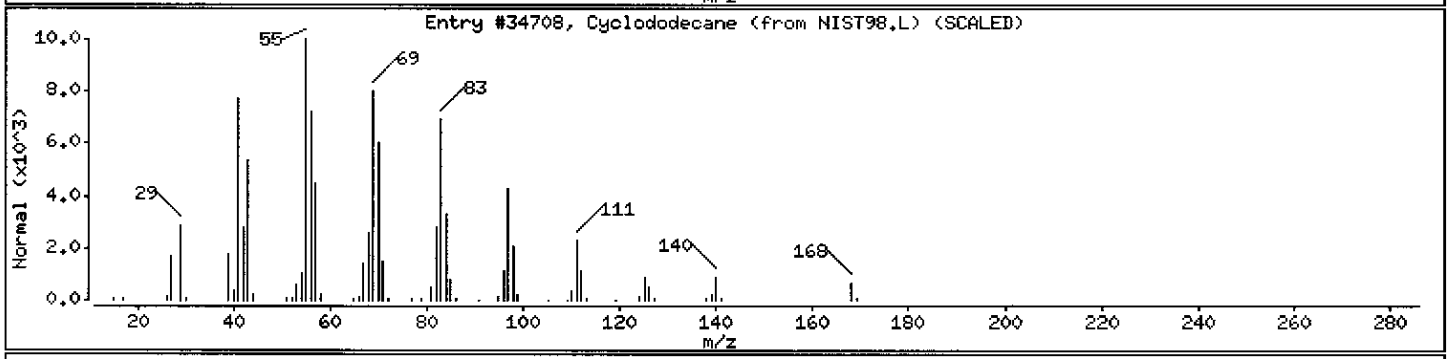
Sample Info: MB-19468,SBLK4D,19468

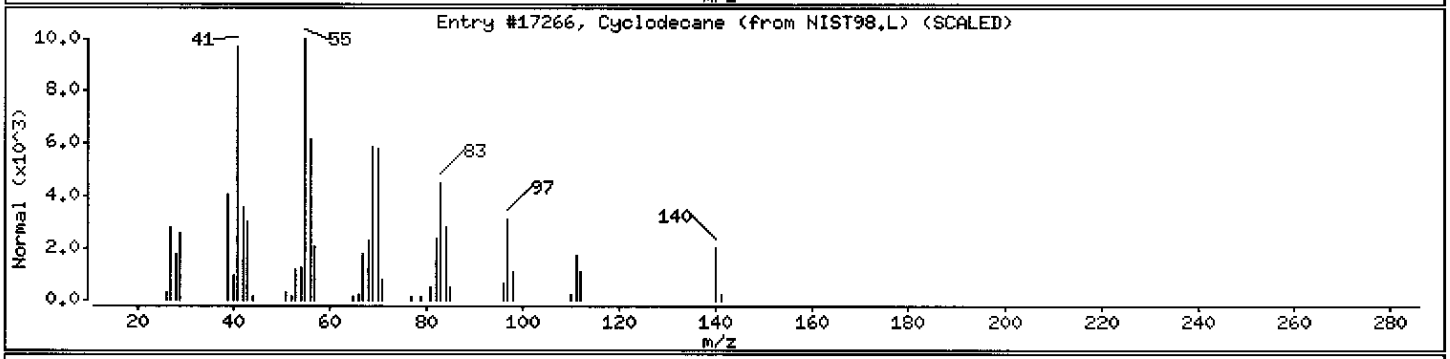
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

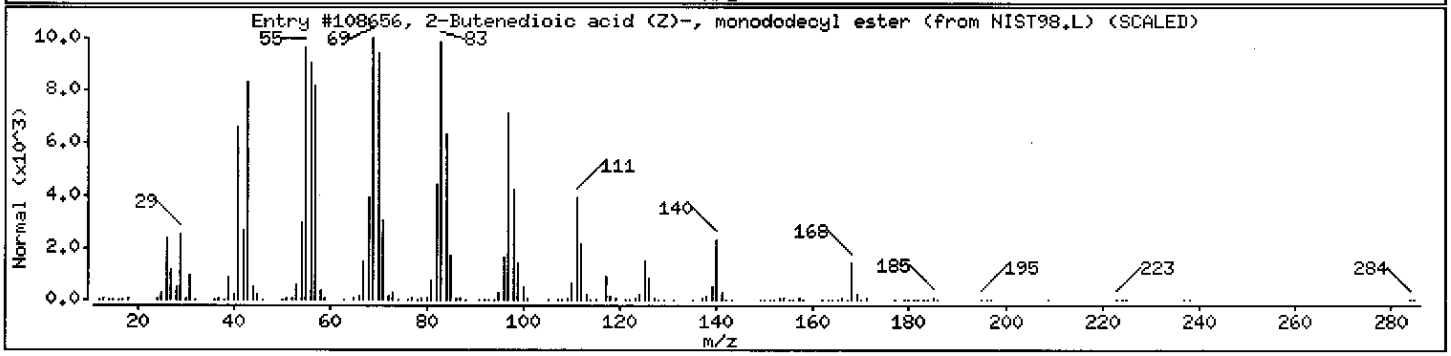
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34708	95	C12H24	168
Cyclodecane	293-96-9	NIST98.L	17266	91	C10H20	140
2-Butenedioic acid (Z)-, monododecyl est	2424-61-5	NIST98.L	108656	91	C16H2804	284









Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9427.D

Date : 24-AUG-2005 15:42

Client ID: SBLK4D

Instrument: S4.i

Sample Info: MB-19468,SBLK4D,19468

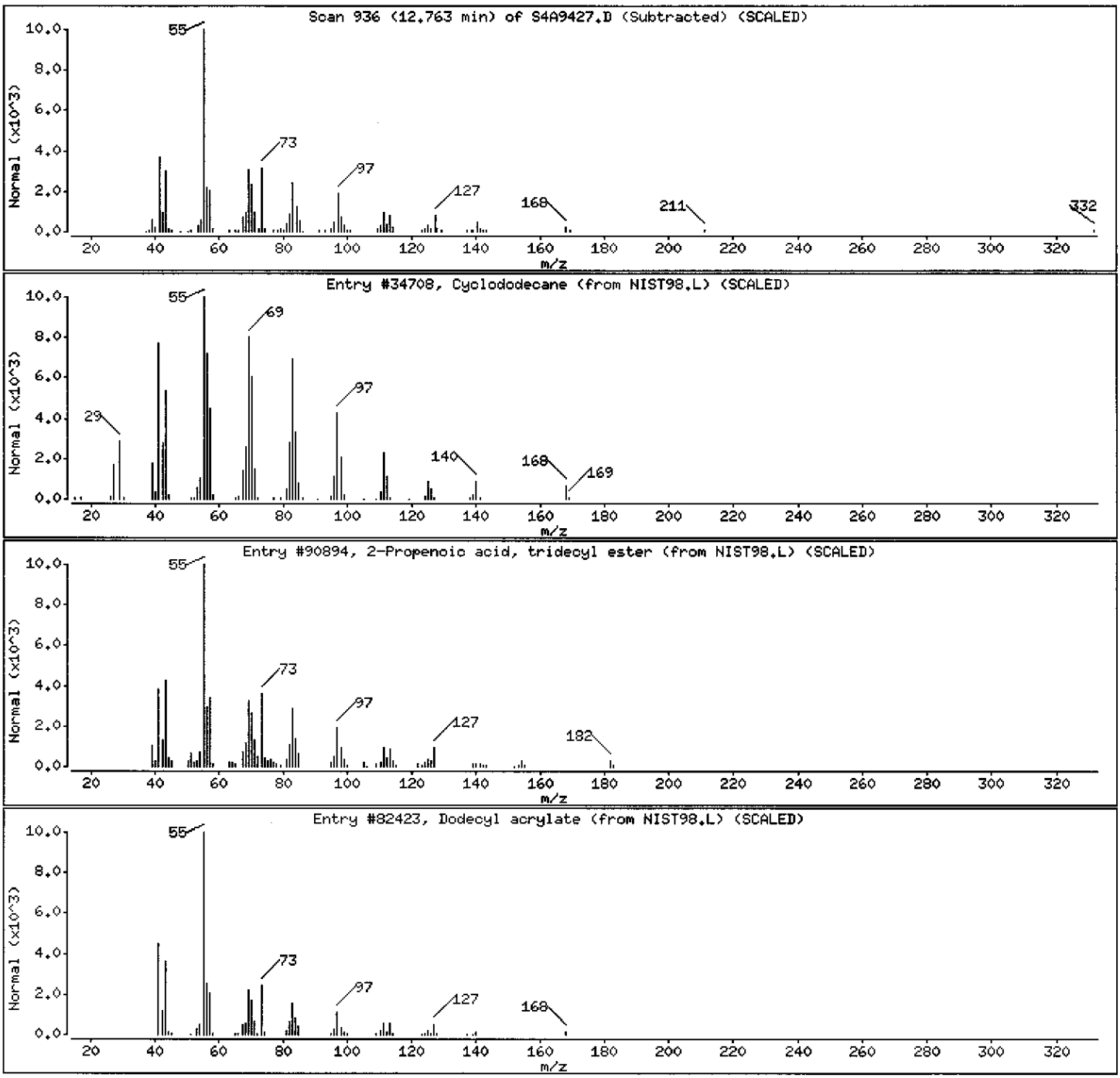
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34708	92	C12H24	168
2-Propenoic acid, tridecyl ester	3076-04-8	NIST98.L	90894	91	C16H3002	254
Dodecyl acrylate	2156-97-0	NIST98.L	82423	91	C15H2802	240



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9427.D

Date : 24-AUG-2005 15:42

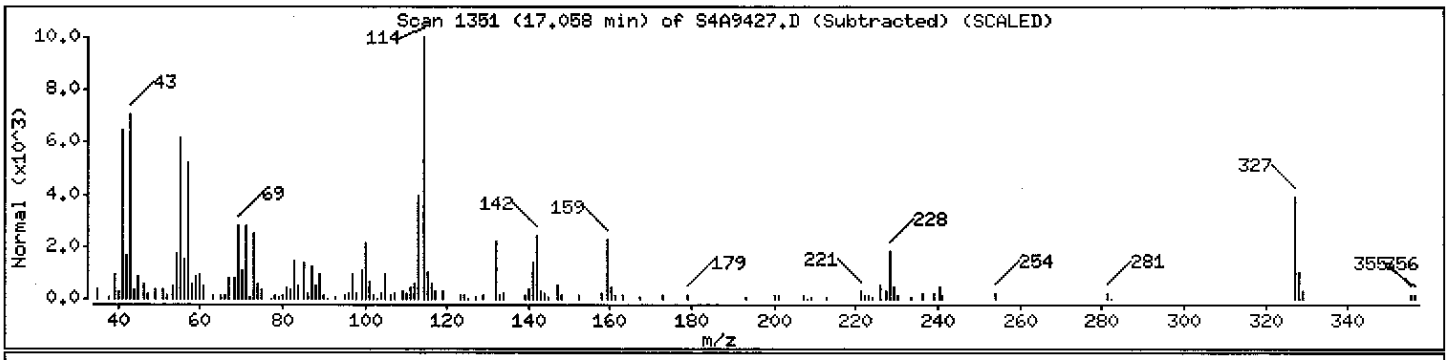
Client ID: SBLK4D Instrument: S4.i

Sample Info: MB-19468,SBLK4D,19468

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9427.D

Date : 24-AUG-2005 15:42

Client ID: SBLK4D

Instrument: S4.i

Sample Info: MB-19468,SBLK4D,19468

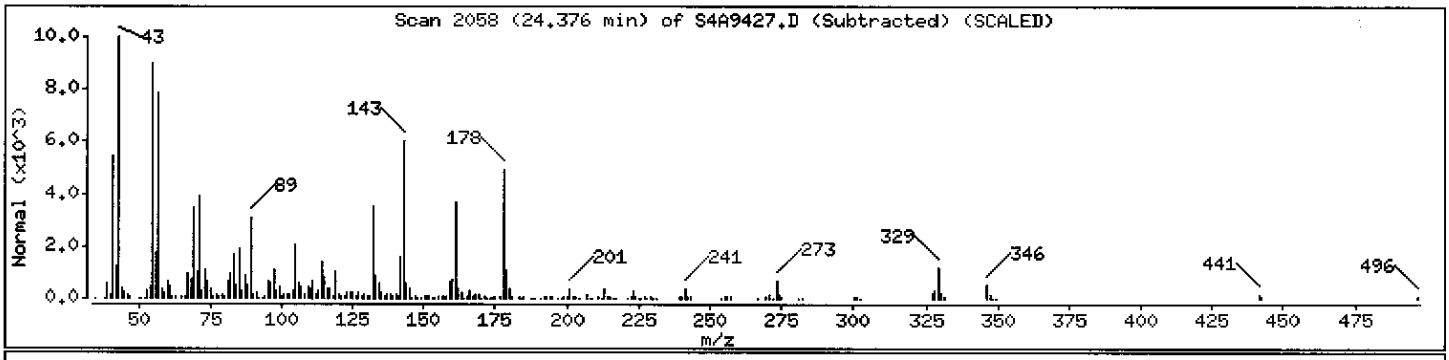
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK4G

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19676

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9522

Level: (low/med) LOW Date Received: _____

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	330	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
98-86-2	Acetophenone	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
105-60-2	Caprolactam	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	830	U
92-52-4	1,1'-Biphenyl	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	U
131-11-3	Dimethylphthalate	330	U
606-20-2	2,6-Dinitrotoluene	330	U
208-96-8	Acenaphthylene	330	U
99-09-2	3-Nitroaniline	830	U
83-32-9	Acenaphthene	330	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK4G

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19676

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9522

Level: (low/med) LOW Date Received: _____

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	830	U
100-02-7	4-Nitrophenol	830	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
86-73-7	Fluorene	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
100-01-6	4-Nitroaniline	830	U
534-52-1	4,6-Dinitro-2-methylphenol	830	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	830	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	38	J
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SBLK4G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19676

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9522

Level: (low/med) LOW Date Received: _____

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

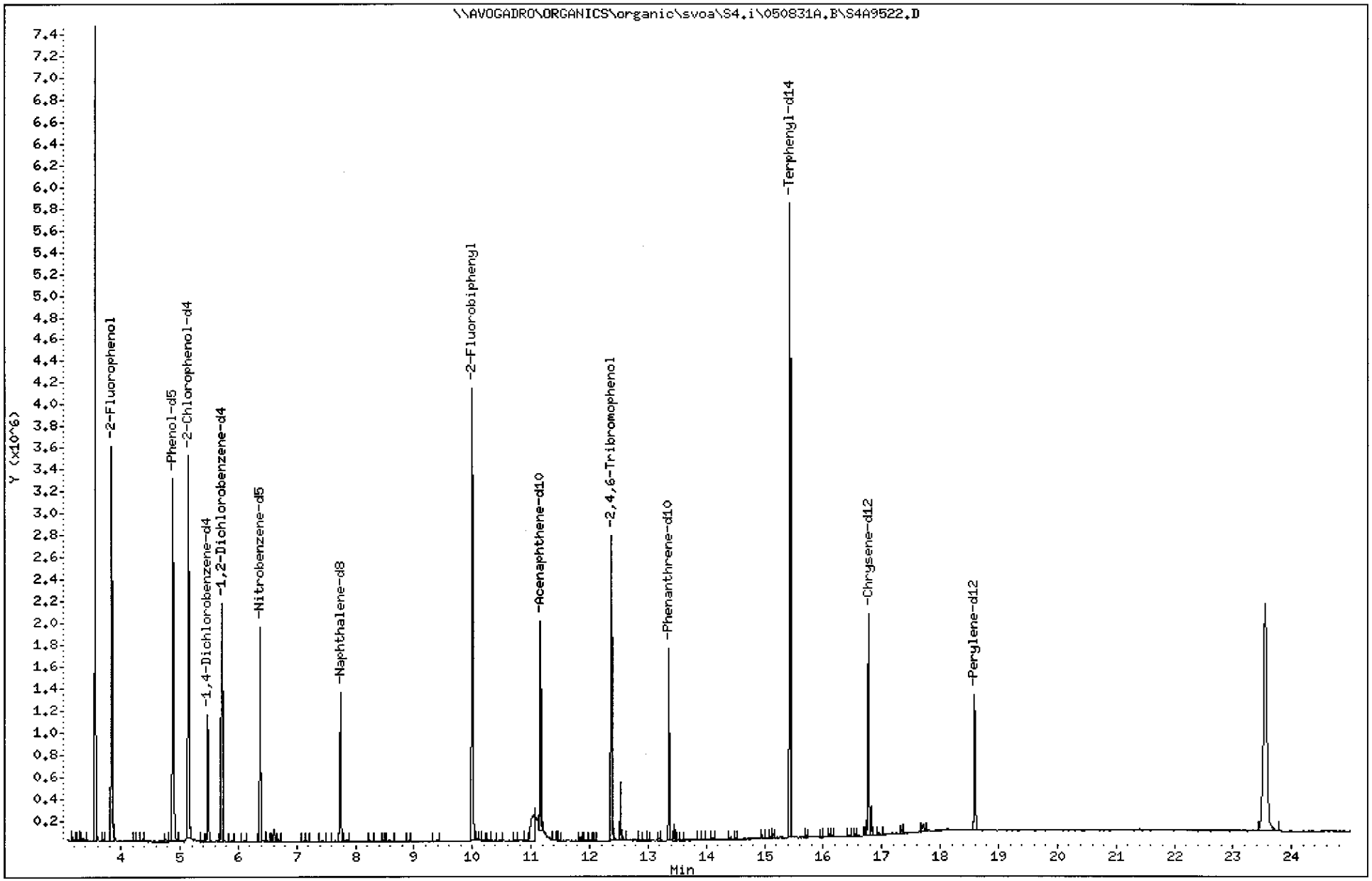
GPC Cleanup: (Y/N) Y pH: ___ Extraction: (Type) SONC

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	78-40-0	TRIETHYL PHOSPHATE	6.60	68	NJ
2.		UNKNOWN	11.03	280	J
3.		UNKNOWN	16.83	96	J
4.		UNKNOWN	23.56	2900	J
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9522.D
Date : 31-AUG-2005 11:48
Client ID: SBLK4C
Instrument: S4.i
Sample Info: MB-19676,SBLK4G,19676
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9522.D
Report Date: 31-Aug-2005 17:09

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9522.D
Lab Smp Id: MB-19676 Client Smp ID: SBLK4G
Inj Date : 31-AUG-2005 11:48
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : MB-19676,SBLK4G,19676
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\s4_olm4_2_S.m
Meth Date : 31-Aug-2005 11:39 mtl Quant Type: ISTD
Cal Date : 31-AUG-2005 11:13 Cal File: S4A9521.D ✓
Als bottle: 85 QC Sample: BLANK ✓
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	3.841	3.841	(0.701)	965519	121.396	2000
$ 3	Phenol-d5	99	4.886	4.886	(0.892)	1376700	134.496	2200
$ 6	2-Chlorophenol-d4	132	5.145	5.145	(0.940)	1152628	128.943	2100
* 8	1,4-Dichlorobenzene-d4	152	5.476	5.476	(1.000)	240128	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	5.724	5.724	(1.045)	474992	80.7635	1300
$ 16	Nitrobenzene-d5	82	6.376	6.377	(0.824)	891593	87.0184	1500
* 23	Naphthalene-d8	136	7.743	7.743	(1.000)	953206	40.0000	
$ 33	2-Fluorobiphenyl	172	9.999	9.999	(0.895)	1753502	94.5551	1600
* 41	Acenaphthene-d10	164	11.169	11.169	(1.000)	492637	40.0000	
$ 53	2,4,6-Tribromophenol	330	12.380	12.380	(0.926)	379538	137.737	2300
* 58	Phenanthrene-d10	188	13.363	13.363	(1.000)	888919	40.0000	
$ 65	Terphenyl-d14	244	15.433	15.433	(0.920)	2054956	101.169	1700
* 69	Chrysene-d12	240	16.778	16.779	(1.000)	750328	40.0000	

Data File: S4A9522.D
Report Date: 31-Aug-2005 17:09

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
71 bis(2-Ethylhexyl)phthalate	149	16.727	16.727	(0.997)	40718	2.29246	38(a)
* 76 Perylene-d12	264	18.590	18.600	(1.000)	604214	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

08/31/05
AD

Data File: S4A9522.D
Report Date: 31-Aug-2005 17:09

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9522.D
Lab Smp Id: MB-19676 Client Smp ID: SBLK4G
Inj Date : 31-AUG-2005 11:48
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : MB-19676,SBLK4G,19676
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\s4_olm4_2_S.m
Meth Date : 31-Aug-2005 11:39 mtl Quant Type: ISTD
Cal Date : 31-AUG-2005 11:13 Cal File: S4A9521.D
Als bottle: 85 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.000	% Moisture

ISTD		RT	AREA	AMOUNT
* 8	1,4-Dichlorobenzene-d4	5.476	1602776	40.000
* 41	Acenaphthene-d10	11.169	2392268	40.000
* 58	Phenanthrene-d10	13.363	2448346	40.000
* 69	Chrysene-d12	16.778	2320221	40.000
* 76	Perylene-d12	18.590	1962879	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: S4A9522.D
Report Date: 31-Aug-2005 17:09

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Triethyl phosphate				CAS #: 78-40-0			
6.604	162934	4.06629498	68	98	NIST98.L	44293	8
Unknown				CAS #:			
11.034	1002385	16.7604131	280	0		0	41
Cyclic Alkane				CAS #:			
12.535	582316	9.51362267	160	0		0	58
Unknown				CAS #:			
16.830	333865	5.75574482	96	0		0	69
Unknown				CAS #:			
23.558	8527008	173.765331	2900	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9522.D

Date : 31-AUG-2005 11:48

Client ID: SBLK4G

Instrument: S4.i

Sample Info: MB-19676,SBLK4G,19676

Volume Injected (uL): 2.0

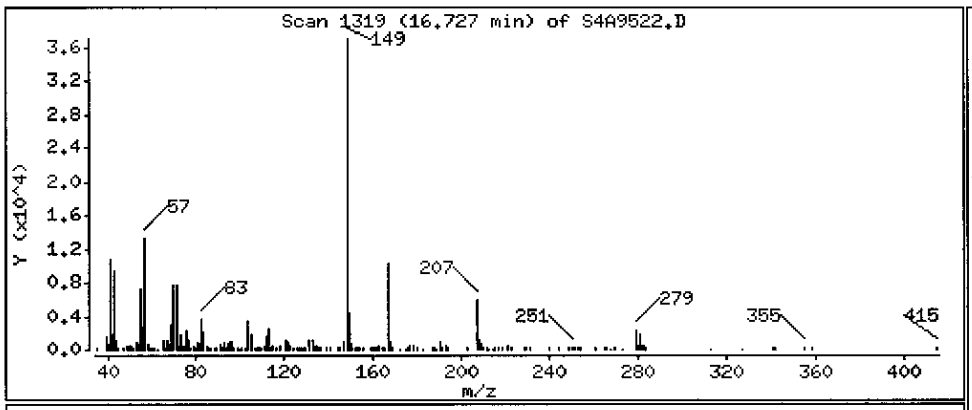
Operator: AW SRC: LIMS

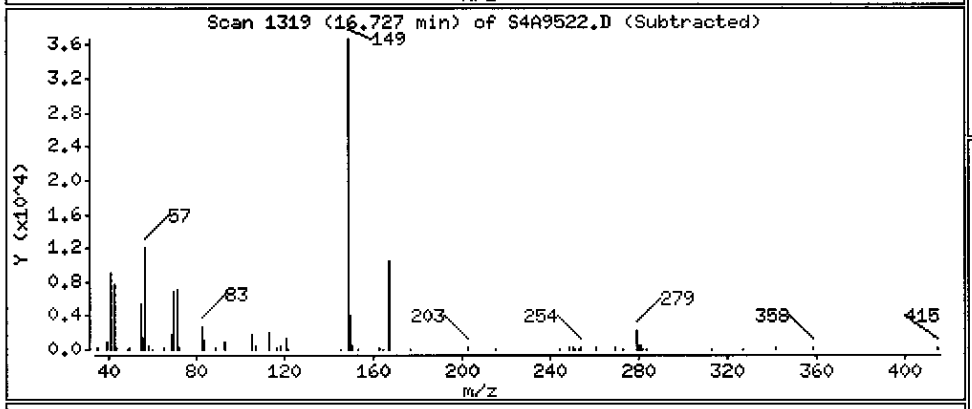
Column phase: DB-5MS

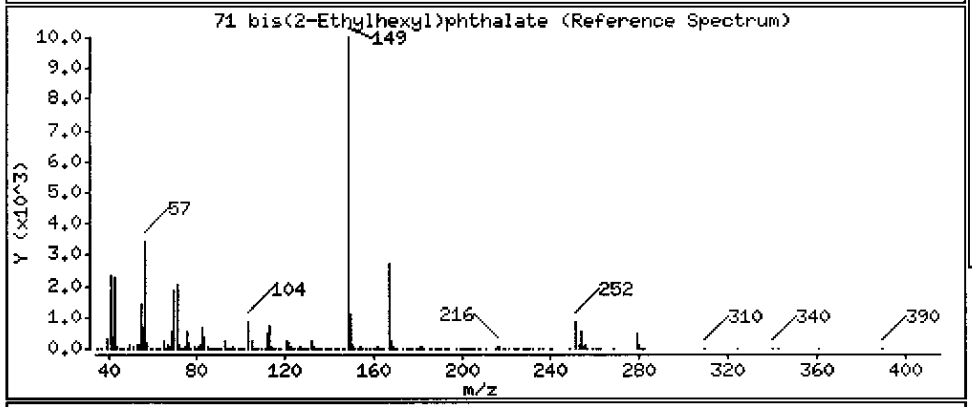
Column diameter: 0.25

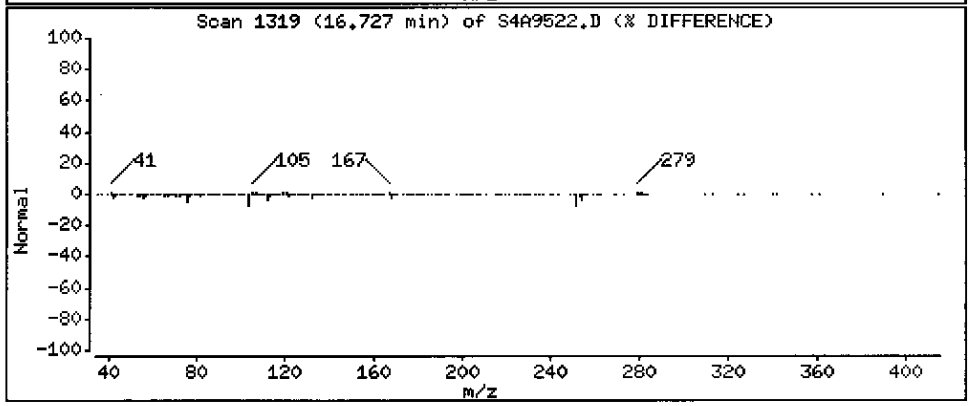
71 bis(2-Ethylhexyl)phthalate

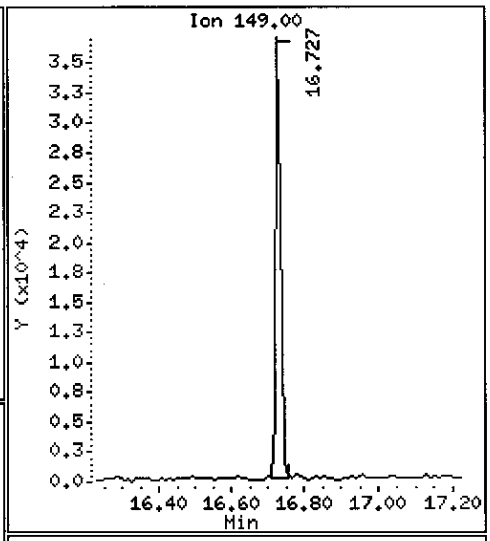
Concentration: 38 ug/Kg

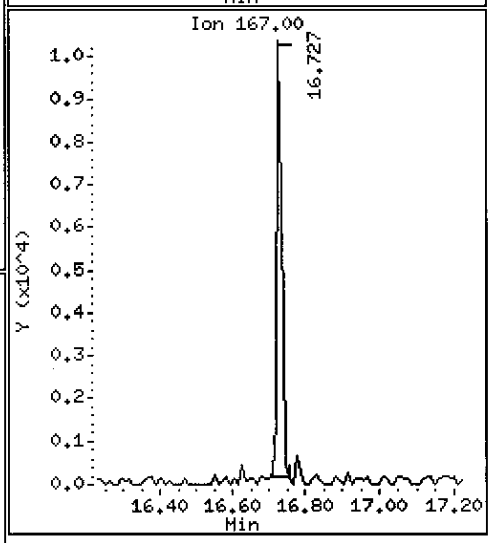












Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9522.D

Date : 31-AUG-2005 11:48

Client ID: SBLK4G

Instrument: S4.i

Sample Info: MB-19676,SBLK4G,19676

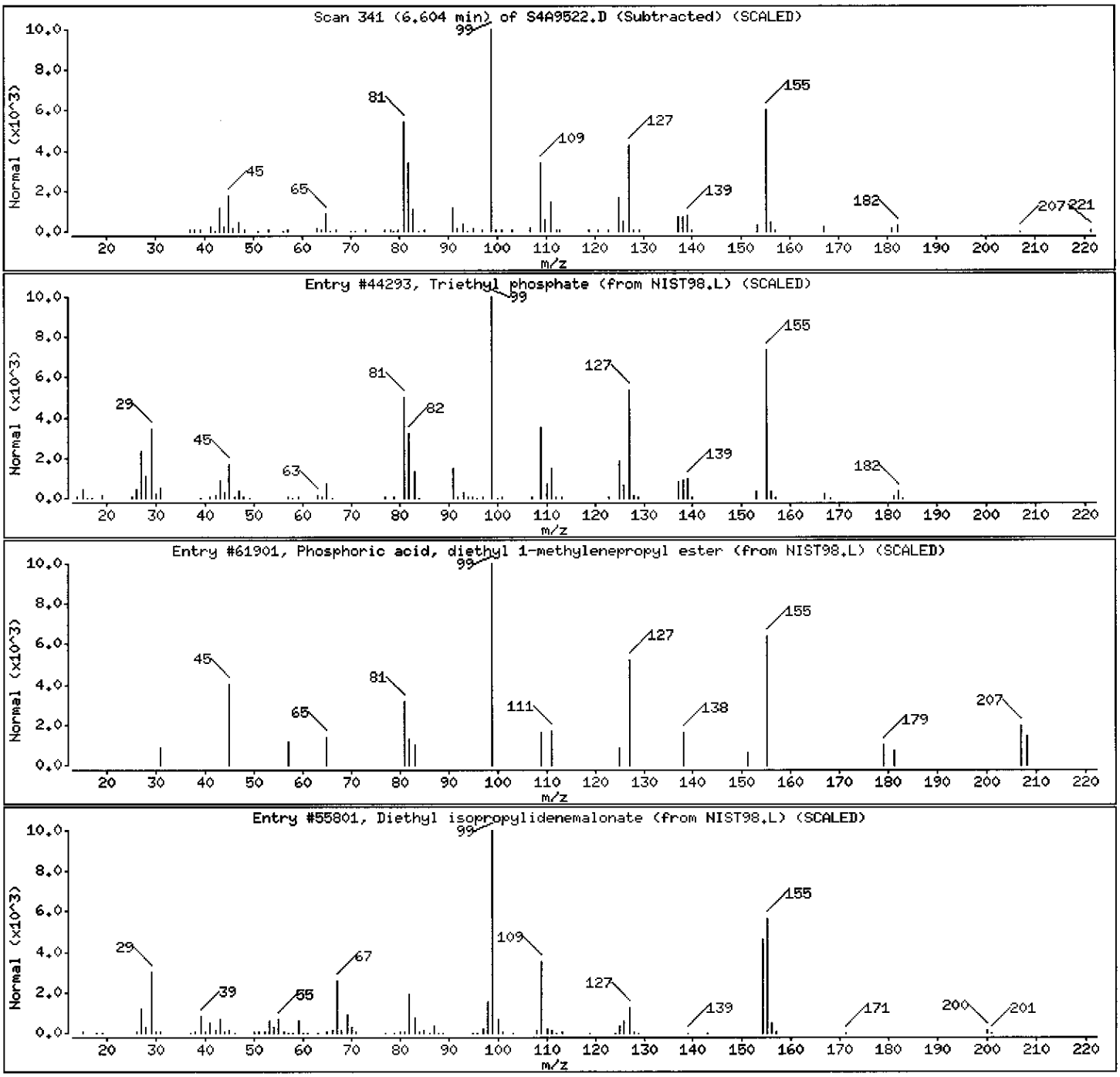
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Triethyl phosphate	78-40-0	NIST98.L	44293	98	C6H15O4P	182
Phosphoric acid, diethyl 1-methyleneprop	50522-98-0	NIST98.L	61901	64	C8H17O4P	208
Diethyl isopropylidenemalonate	6802-75-1	NIST98.L	55801	42	C10H16O4	200



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9522.D

Date : 31-AUG-2005 11:48

Client ID: SBLK4G

Instrument: S4.i

Sample Info: MB-19676,SBLK4G,19676

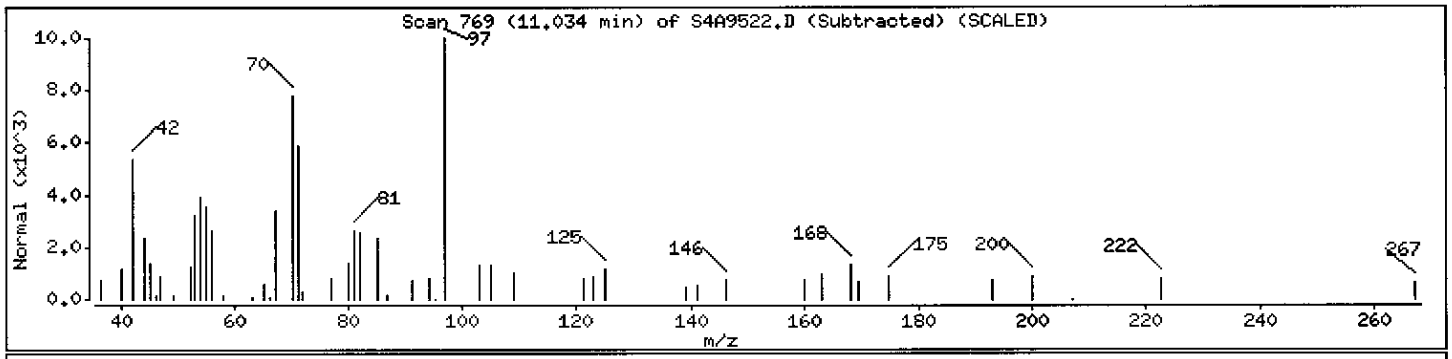
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9522.D

Date : 31-AUG-2005 11:48

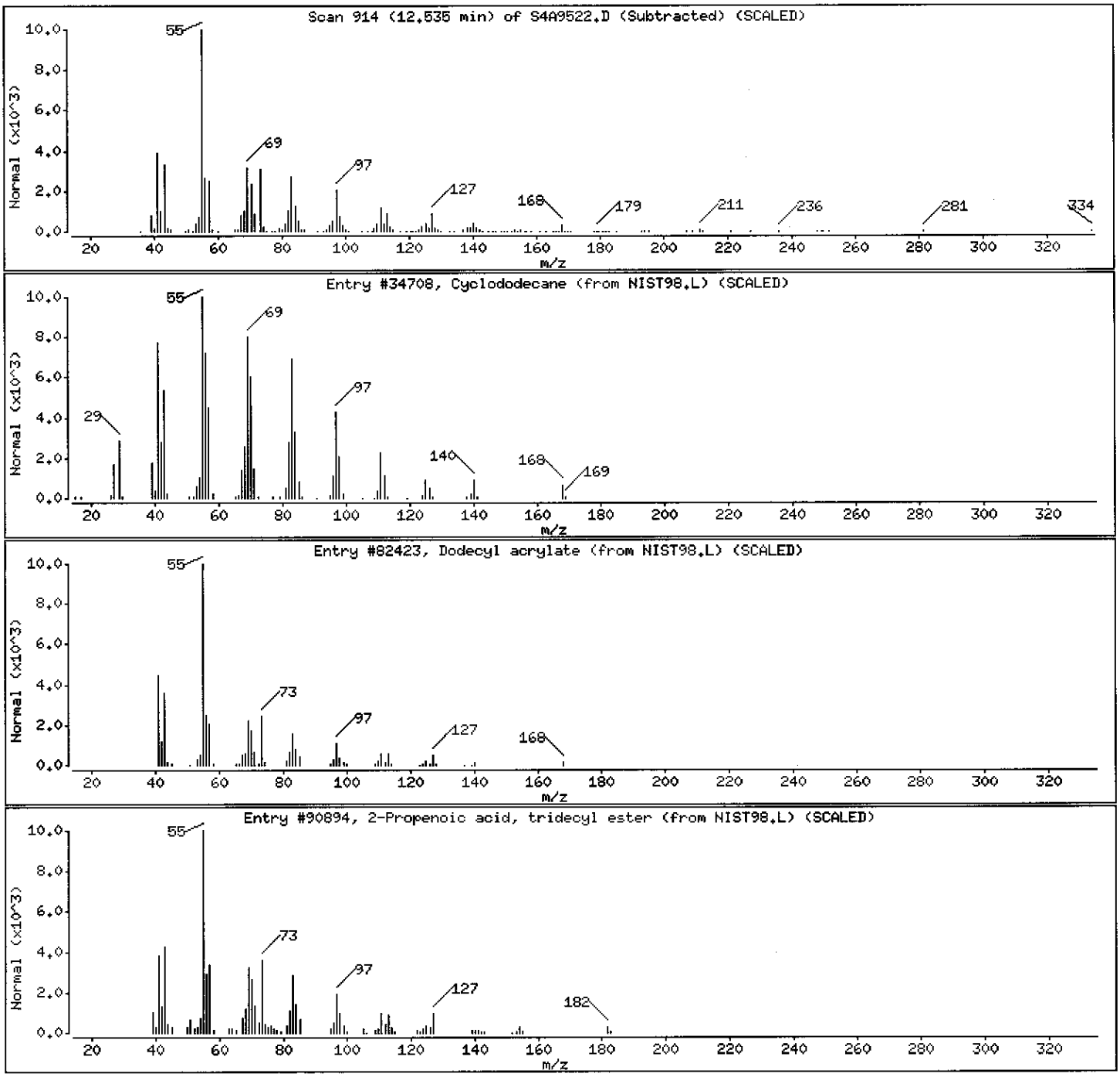
Client ID: SBLK4G Instrument: S4.i

Sample Info: MB-19676,SBLK4G,19676

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST98.L	34708	96	C12H24	168
Dodecyl acrylate	2156-97-0	NIST98.L	82423	91	C15H2802	240
2-Propenoic acid, tridecyl ester	3076-04-8	NIST98.L	90894	90	C16H3002	254



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9522.D

Date : 31-AUG-2005 11:48

Client ID: SBLK4G

Instrument: S4.i

Sample Info: MB-19676,SBLK4G,19676

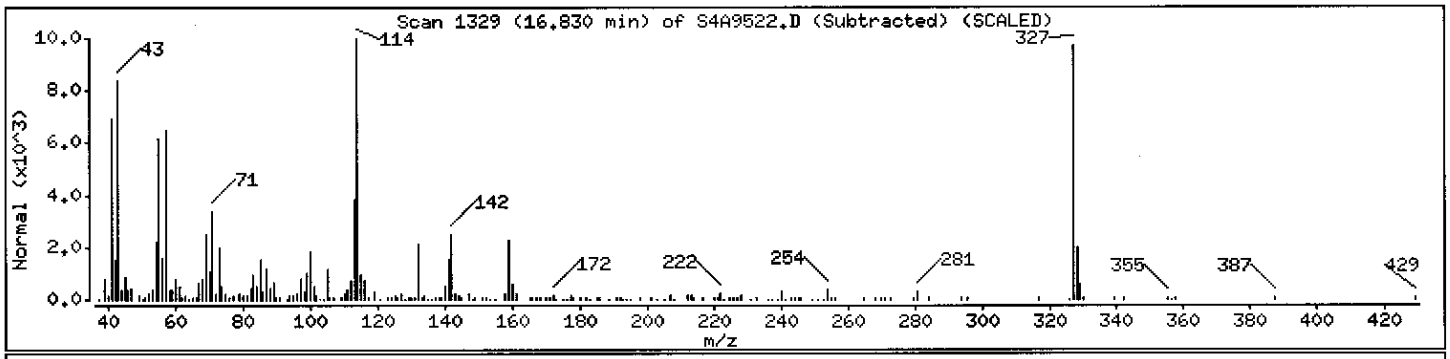
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9522.D

Date : 31-AUG-2005 11:48

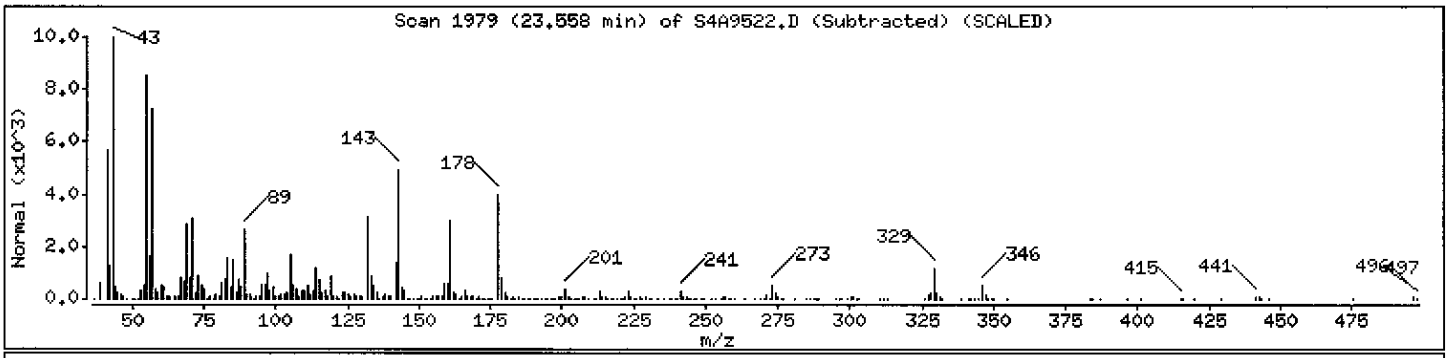
Client ID: SBLK4G Instrument: S4.i

Sample Info: MB-19676,SBLK4G,19676

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S4DLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: LCS-19468

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9428

Level: (low/med) LOW Date Received: _____

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	330	U
108-95-2	Phenol	2200	
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	2000	
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
98-86-2	Acetophenone	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	1300	
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
105-60-2	Caprolactam	330	U
59-50-7	4-Chloro-3-Methylphenol	2200	
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	830	U
92-52-4	1,1'-Biphenyl	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	U
131-11-3	Dimethylphthalate	330	U
606-20-2	2,6-Dinitrotoluene	330	U
208-96-8	Acenaphthylene	330	U
99-09-2	3-Nitroaniline	830	U
83-32-9	Acenaphthene	1500	

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S4DLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: LCS-19468

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9428

Level: (low/med) LOW Date Received: _____

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

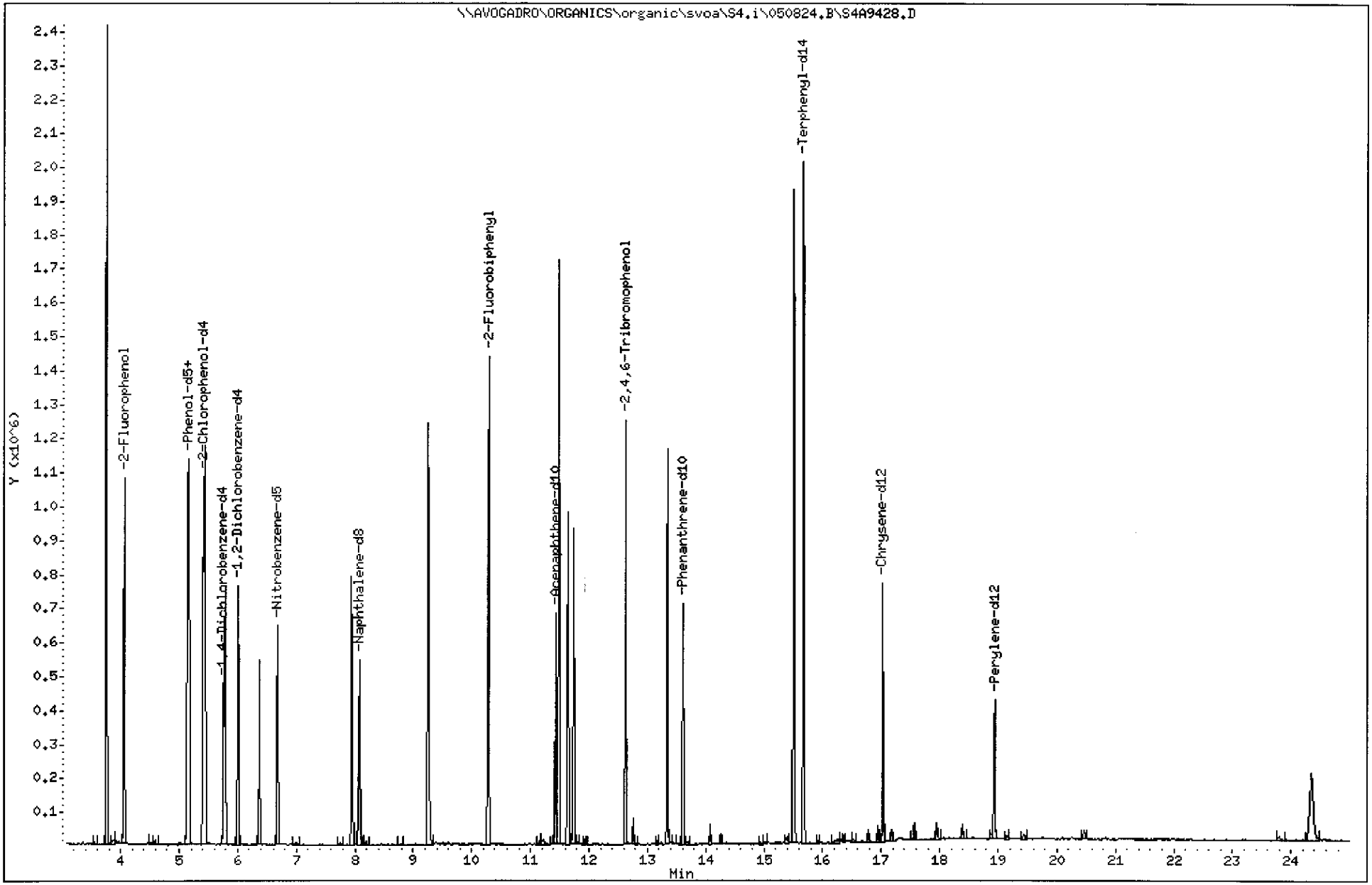
Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	830	U
100-02-7	4-Nitrophenol	2400	
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	1400	
84-66-2	Diethylphthalate	330	U
86-73-7	Fluorene	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
100-01-6	4-Nitroaniline	830	U
534-52-1	4,6-Dinitro-2-methylphenol	830	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	2600	
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	1800	
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	36	JB
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9428.D
Date : 24-AUG-2005 16:14
Client ID: S4DLCS
Instrument: S4.i
Sample Info: LCS-19468,S4DLCS,19468
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9428.D
Report Date: 31-Aug-2005 11:01

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9428.D
Lab Smp Id: LCS-19468 Client Smp ID: S4DLCS
Inj Date : 24-AUG-2005 16:14
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : LCS-19468,S4DLCS,19468
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D
Als bottle: 7 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.000	% Moisture

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ng)	FINAL (ug/Kg)
$	1	2-Fluorophenol	112	4.058	4.048	(0.705)	261389	114.857	1900
$	3	Phenol-d5	99	5.145	5.135	(0.894)	406034	124.863	2100
	4	Phenol	94	5.165	5.155	(0.897)	424609	129.894	2200
$	6	2-Chlorophenol-d4	132	5.414	5.414	(0.941)	329055	119.957	2000
	7	2-Chlorophenol	128	5.434	5.435	(0.944)	325209	122.186	2000
*	8	1,4-Dichlorobenzene-d4	152	5.755	5.755	(1.000)	81833	40.0000	(Q)
$	9	1,2-Dichlorobenzene-d4	152	6.004	6.004	(1.043)	133305	70.2140	1200
	14	N-Nitroso-di-n-propylamine	70	6.376	6.387	(1.108)	160453	80.3245	1300(Q)
$	16	Nitrobenzene-d5	82	6.676	6.677	(0.827)	296007	74.1594	1200
*	23	Naphthalene-d8	136	8.074	8.074	(1.000)	347781	40.0000	
	28	4-Chloro-3-Methylphenol	107	9.254	9.264	(1.146)	382037	134.796	2200
$	33	2-Fluorobiphenyl	172	10.289	10.289	(0.900)	562796	85.8165	1400
*	41	Acenaphthene-d10	164	11.438	11.438	(1.000)	190878	40.0000	

Data File: S4A9428.D
Report Date: 31-Aug-2005 11:01

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
	42	Acenaphthene	153	11.489	11.490	(1.005)	481175	87.4816	1500
	44	4-Nitrophenol	109	11.645	11.645	(1.018)	182495	145.094	2400
	46	2,4-Dinitrotoluene	165	11.748	11.748	(1.027)	172295	86.6915	1400(Q)
$	53	2,4,6-Tribromophenol	330	12.628	12.628	(0.928)	127805	150.669	2500
	57	Pentachlorophenol	266	13.342	13.342	(0.980)	129605	157.333	2600
*	58	Phenanthrene-d10	188	13.611	13.611	(1.000)	322798	40.0000	
	64	Pyrene	202	15.505	15.505	(0.911)	990571	108.202	1800
$	65	Terphenyl-d14	244	15.671	15.671	(0.920)	729791	110.129	1800
*	69	Chrysene-d12	240	17.027	17.027	(1.000)	263668	40.0000	
	71	bis(2-Ethylhexyl)phthalate	149	16.954	16.954	(0.996)	14695	2.16210	36(a)
*	76	Perylene-d12	264	18.942	18.942	(1.000)	215239	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

08/31/05
AL

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S4GLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: LCS-19676

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9523

Level: (low/med) LOW Date Received: _____

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	330	U
108-95-2	Phenol	2200	
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	2100	
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
98-86-2	Acetophenone	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	1500	
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
105-60-2	Caprolactam	330	U
59-50-7	4-Chloro-3-Methylphenol	2400	
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	830	U
92-52-4	1,1'-Biphenyl	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	U
131-11-3	Dimethylphthalate	330	U
606-20-2	2,6-Dinitrotoluene	330	U
208-96-8	Acenaphthylene	330	U
99-09-2	3-Nitroaniline	830	U
83-32-9	Acenaphthene	1400	

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

S4GLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: LCS-19676

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9523

Level: (low/med) LOW Date Received: _____

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

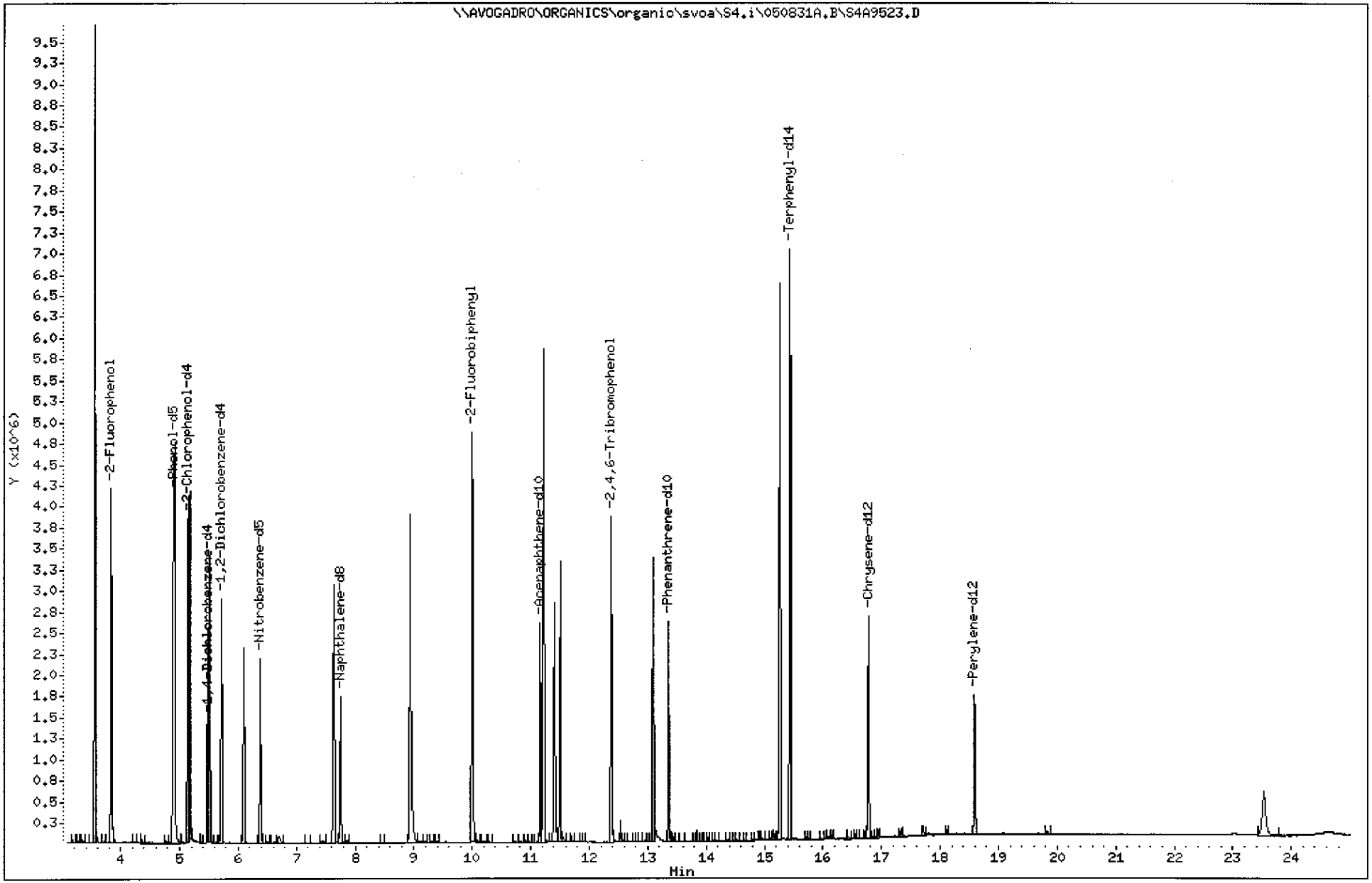
Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	830	U
100-02-7	4-Nitrophenol	2500	
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	1400	
84-66-2	Diethylphthalate	330	U
86-73-7	Fluorene	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
100-01-6	4-Nitroaniline	830	U
534-52-1	4,6-Dinitro-2-methylphenol	830	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	2800	E
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	1600	
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9523.D
Date : 31-AUG-2005 12:21
Client ID: S4GLCS
Instrument: S4.i
Sample Info: LCS-19676,S4GLCS,19676
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9523.D
Report Date: 31-Aug-2005 13:07

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9523.D
Lab Smp Id: LCS-19676 Client Smp ID: S4GLCS
Inj Date : 31-AUG-2005 12:21
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : LCS-19676,S4GLCS,19676
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\s4_olm4_2_S.m
Meth Date : 31-Aug-2005 11:39 mtl Quant Type: ISTD
Cal Date : 31-AUG-2005 11:13 Cal File: S4A9521.D
Als bottle: 86 QC Sample: LCS ✔
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.000	% Moisture

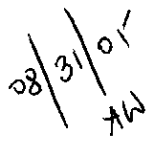
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	3.841	3.841	(0.700)	1160202	110.621	1800
$	3 Phenol-d5	99	4.896	4.886	(0.892)	1730244	128.185	2100
	4 Phenol	94	4.917	4.907	(0.896)	1882538	133.873	2200
$	6 2-Chlorophenol-d4	132	5.145	5.145	(0.938)	1451289	123.118	2100
	7 2-Chlorophenol	128	5.176	5.165	(0.943)	1422795	127.937	2100
*	8 1,4-Dichlorobenzene-d4	152	5.486	5.476	(1.000)	316652	40.0000	(Q)
$	9 1,2-Dichlorobenzene-d4	152	5.724	5.724	(1.043)	598340	77.1502	1300
	14 N-Nitroso-di-n-propylamine	70	6.097	6.097	(1.111)	692575	87.3744	1500(Q)
$	16 Nitrobenzene-d5	82	6.376	6.377	(0.824)	1123475	81.4676	1400
*	23 Naphthalene-d8	136	7.743	7.743	(1.000)	1282951	40.0000	
	28 4-Chloro-3-Methylphenol	107	8.943	8.943	(1.155)	1459187	141.577	2400
$	33 2-Fluorobiphenyl	172	9.999	9.999	(0.895)	2226802	83.8438	1400
*	41 Acenaphthene-d10	164	11.169	11.169	(1.000)	705531	40.0000	

Data File: S4A9523.D
Report Date: 31-Aug-2005 13:07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
	42 Acenaphthene	153	11.220	11.220	(1.005)	1957983	85.0244	1400
	44 4-Nitrophenol	109	11.407	11.407	(1.021)	489248	152.039	2500
	46 2,4-Dinitrotoluene	165	11.500	11.500	(1.030)	676164	84.0144	1400 (Q)
$	53 2,4,6-Tribromophenol	330	12.379	12.380	(0.926)	536672	142.846	2400
	57 Pentachlorophenol	266	13.104	13.094	(0.981)	544845	165.456	2800 (AR)
*	58 Phenanthrene-d10	188	13.363	13.363	(1.000)	1211987	40.0000	
	64 Pyrene	202	15.257	15.257	(0.909)	3626668	96.8674	1600
$	65 Terphenyl-d14	244	15.433	15.433	(0.920)	2655182	96.1294	1600
*	69 Chrysene-d12	240	16.778	16.779	(1.000)	1020319	40.0000	
*	76 Perylene-d12	264	18.590	18.600	(1.000)	850550	40.0000	

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.



1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MMS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07AMS

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9437

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	620	U
108-95-2	Phenol	330	J
111-44-4	bis(2-Chloroethyl)Ether	620	U
95-57-8	2-Chlorophenol	320	J
95-48-7	2-Methylphenol	620	U
108-60-1	2,2'-oxybis(1-Chloropropane)	620	U
98-86-2	Acetophenone	620	U
106-44-5	4-Methylphenol	620	U
621-64-7	N-Nitroso-di-n-propylamine	220	J
67-72-1	Hexachloroethane	620	U
98-95-3	Nitrobenzene	620	U
78-59-1	Isophorone	620	U
88-75-5	2-Nitrophenol	620	U
105-67-9	2,4-Dimethylphenol	620	U
111-91-1	bis(2-Chloroethoxy)methane	620	U
120-83-2	2,4-Dichlorophenol	620	U
91-20-3	Naphthalene	620	U
106-47-8	4-Chloroaniline	620	U
87-68-3	Hexachlorobutadiene	620	U
105-60-2	Caprolactam	620	U
59-50-7	4-Chloro-3-Methylphenol	410	J
91-57-6	2-Methylnaphthalene	620	U
77-47-4	Hexachlorocyclopentadiene	620	U
88-06-2	2,4,6-Trichlorophenol	620	U
95-95-4	2,4,5-Trichlorophenol	1600	U
92-52-4	1,1'-Biphenyl	620	U
91-58-7	2-Chloronaphthalene	620	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	620	U
606-20-2	2,6-Dinitrotoluene	620	U
208-96-8	Acenaphthylene	620	U
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	300	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MMS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07AMS

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9437

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

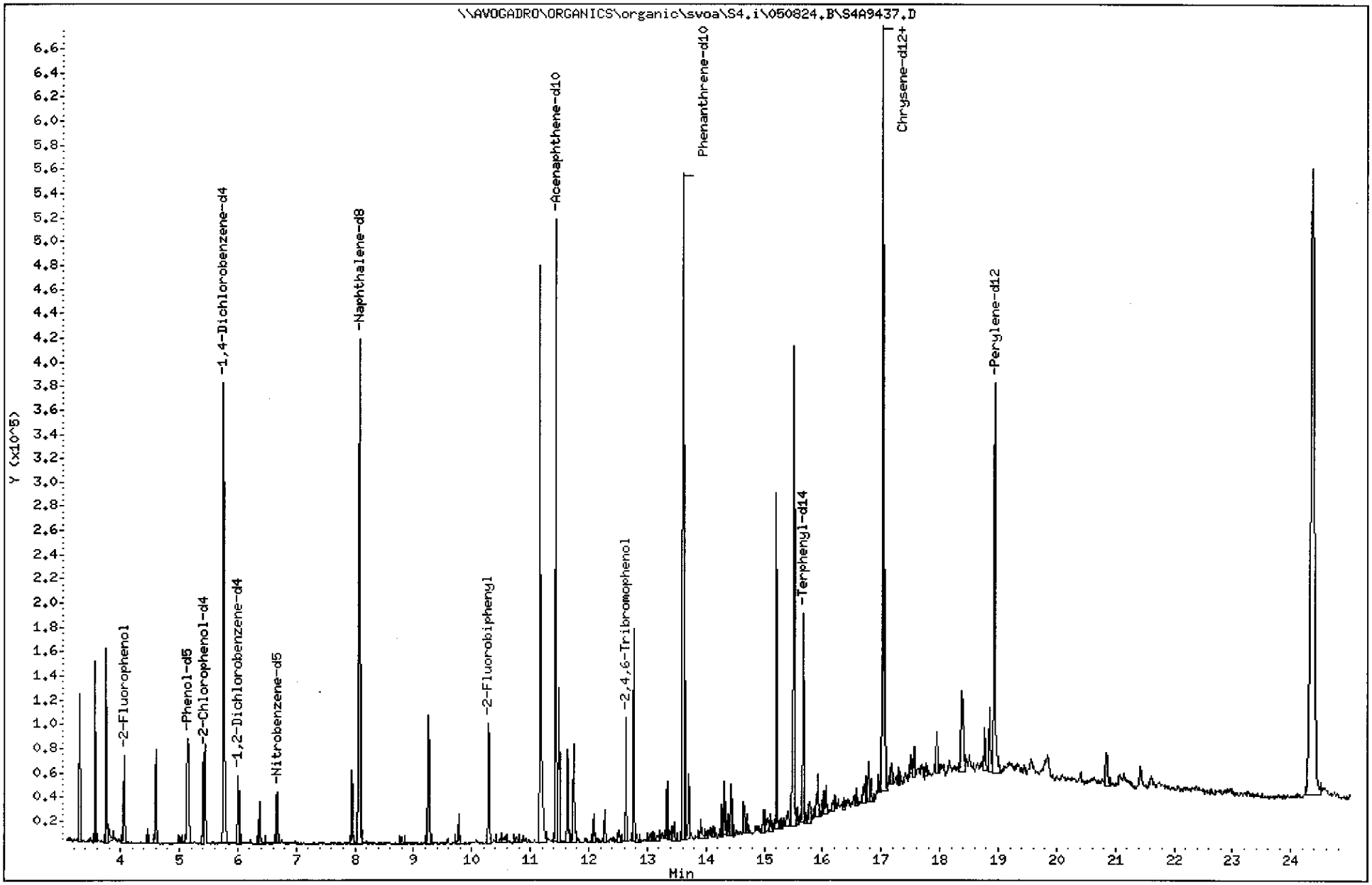
Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	470	J
132-64-9	Dibenzofuran	620	U
121-14-2	2,4-Dinitrotoluene	270	J
84-66-2	Diethylphthalate	620	U
86-73-7	Fluorene	620	U
7005-72-3	4-Chlorophenyl-phenylether	620	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	620	U
101-55-3	4-Bromophenyl-phenylether	620	U
118-74-1	Hexachlorobenzene	620	U
1912-24-9	Atrazine	620	U
87-86-5	Pentachlorophenol	240	J
85-01-8	Phenanthrene	490	J
120-12-7	Anthracene	120	J
86-74-8	Carbazole	620	U
84-74-2	Di-n-butylphthalate	620	U
206-44-0	Fluoranthene	550	J
129-00-0	Pyrene	800	
85-68-7	Butylbenzylphthalate	620	U
91-94-1	3,3'-Dichlorobenzidine	620	U
56-55-3	Benzo(a)anthracene	250	J
218-01-9	Chrysene	230	J
117-81-7	bis(2-Ethylhexyl)phthalate	620	U
117-84-0	Di-n-octylphthalate	620	U
205-99-2	Benzo(b)fluoranthene	230	J
207-08-9	Benzo(k)fluoranthene	100	J
50-32-8	Benzo(a)pyrene	200	J
193-39-5	Indeno(1,2,3-cd)pyrene	90	J
53-70-3	Dibenzo(a,h)anthracene	620	U
191-24-2	Benzo(g,h,i)perylene	98	J

(1) - Cannot be separated from Diphenylamine

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9437.D
Date : 24-AUG-2005 21:07
Client ID: SD07-S-MMS
Instrument: S4.i
Sample Info: D0926-07AMS,,19468,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9437.D
Report Date: 31-Aug-2005 13:38

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9437.D
Lab Smp Id: D0926-07AMS Client Smp ID: SD07-S-MMS
Inj Date : 24-AUG-2005 21:07
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-07AMS,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D
Als bottle: 15 QC Sample: MS ✓
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	47.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	4.058	4.048	(0.705)	17132	9.10621	290(aR)
$ 3	Phenol-d5	99	5.135	5.135	(0.892)	27383	10.1862	320(aR)
4	Phenol	94	5.155	5.155	(0.896)	28601	10.5838	330(aR)
$ 6	2-Chlorophenol-d4	132	5.414	5.414	(0.941)	22642	9.98463	310(aR)
7	2-Chlorophenol	128	5.435	5.435	(0.944)	22411	10.1854	320(aR)
* 8	1,4-Dichlorobenzene-d4	152	5.755	5.755	(1.000)	67650	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	6.004	6.004	(1.043)	9842	6.27078	200(aR)
14	N-Nitroso-di-n-propylamine	70	6.377	6.387	(1.108)	11739	7.10873	220(aQR)
$ 16	Nitrobenzene-d5	82	6.677	6.677	(0.827)	21241	6.80294	210(aR)
* 23	Naphthalene-d8	136	8.074	8.074	(1.000)	272050	40.0000	
28	4-Chloro-3-Methylphenol	107	9.254	9.264	(1.146)	28611	12.9051	410(aR)
$ 33	2-Fluorobiphenyl	172	10.279	10.289	(0.899)	40338	8.09355	250(aR)
* 41	Acenaphthene-d10	164	11.438	11.438	(1.000)	145061	40.0000	

Data File: S4A9437.D
Report Date: 31-Aug-2005 13:38

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
	42	Acenaphthene	153	11.490	11.490	(1.005)	40159	9.60731	300(aR)
	44	4-Nitrophenol	109	11.634	11.645	(1.017)	14310	14.9708	470(aQR)
	46	2,4-Dinitrotoluene	165	11.738	11.748	(1.026)	12825	8.49114	270(aR)
$	53	2,4,6-Tribromophenol	330	12.628	12.628	(0.928)	8547	13.4504	420(aR)
	57	Pentachlorophenol	266	13.342	13.342	(0.980)	4664	7.55790	240(aR)
*	58	Phenanthrene-d10	188	13.611	13.611	(1.000)	241817	40.0000	
	59	Phenanthrene	178	13.642	13.642	(1.002)	110586	15.4373	490(a)
	60	Anthracene	178	13.704	13.715	(1.007)	25079	3.66551	120(a)
	63	Fluoranthene	202	15.205	15.205	(1.117)	127536	17.4511	550(a)
	64	Pyrene	202	15.505	15.505	(0.911)	179799	25.4024	800(R)
$	65	Terphenyl-d14	244	15.671	15.671	(0.920)	49598	9.68062	300(aR)
	68	Benzo(a)anthracene	228	17.017	17.017	(0.999)	51181	7.96734	250(a)
*	69	Chrysene-d12	240	17.027	17.027	(1.000)	203855	40.0000	
	70	Chrysene	228	17.058	17.068	(1.002)	43040	7.15635	230(a)
	73	Benzo(b)fluoranthene	252	18.372	18.372	(0.970)	44312	7.24198	230(aM)
	74	Benzo(k)fluoranthene	252	18.393	18.414	(0.971)	21312	3.30238	100(aQM)
	75	Benzo(a)pyrene	252	18.859	18.859	(0.996)	32277	6.34832	200(a)
*	76	Perylene-d12	264	18.942	18.942	(1.000)	159826	40.0000	
	77	Indeno(1,2,3-cd)pyrene	276	20.846	20.877	(1.101)	18088	2.86854	90(a)
	79	Benzo(g,h,i)perylene	276	21.436	21.457	(1.132)	15401	3.12223	98(a)

MC
08/31/05
AL

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

08/31/05
AL

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07AMSD

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9440

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	620	U
108-95-2	Phenol	3200	
111-44-4	bis(2-Chloroethyl)Ether	620	U
95-57-8	2-Chlorophenol	3000	
95-48-7	2-Methylphenol	620	U
108-60-1	2,2'-oxybis(1-Chloropropane)	620	U
98-86-2	Acetophenone	620	U
106-44-5	4-Methylphenol	620	U
621-64-7	N-Nitroso-di-n-propylamine	2100	
67-72-1	Hexachloroethane	620	U
98-95-3	Nitrobenzene	620	U
78-59-1	Isophorone	620	U
88-75-5	2-Nitrophenol	620	U
105-67-9	2,4-Dimethylphenol	620	U
111-91-1	bis(2-Chloroethoxy)methane	620	U
120-83-2	2,4-Dichlorophenol	620	U
91-20-3	Naphthalene	620	U
106-47-8	4-Chloroaniline	620	U
87-68-3	Hexachlorobutadiene	620	U
105-60-2	Caprolactam	620	U
59-50-7	4-Chloro-3-Methylphenol	4100	
91-57-6	2-Methylnaphthalene	620	U
77-47-4	Hexachlorocyclopentadiene	620	U
88-06-2	2,4,6-Trichlorophenol	620	U
95-95-4	2,4,5-Trichlorophenol	1600	U
92-52-4	1,1'-Biphenyl	620	U
91-58-7	2-Chloronaphthalene	620	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	620	U
606-20-2	2,6-Dinitrotoluene	620	U
208-96-8	Acenaphthylene	100	J
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	2700	

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SD07-S-MMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07AMSD

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9440

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

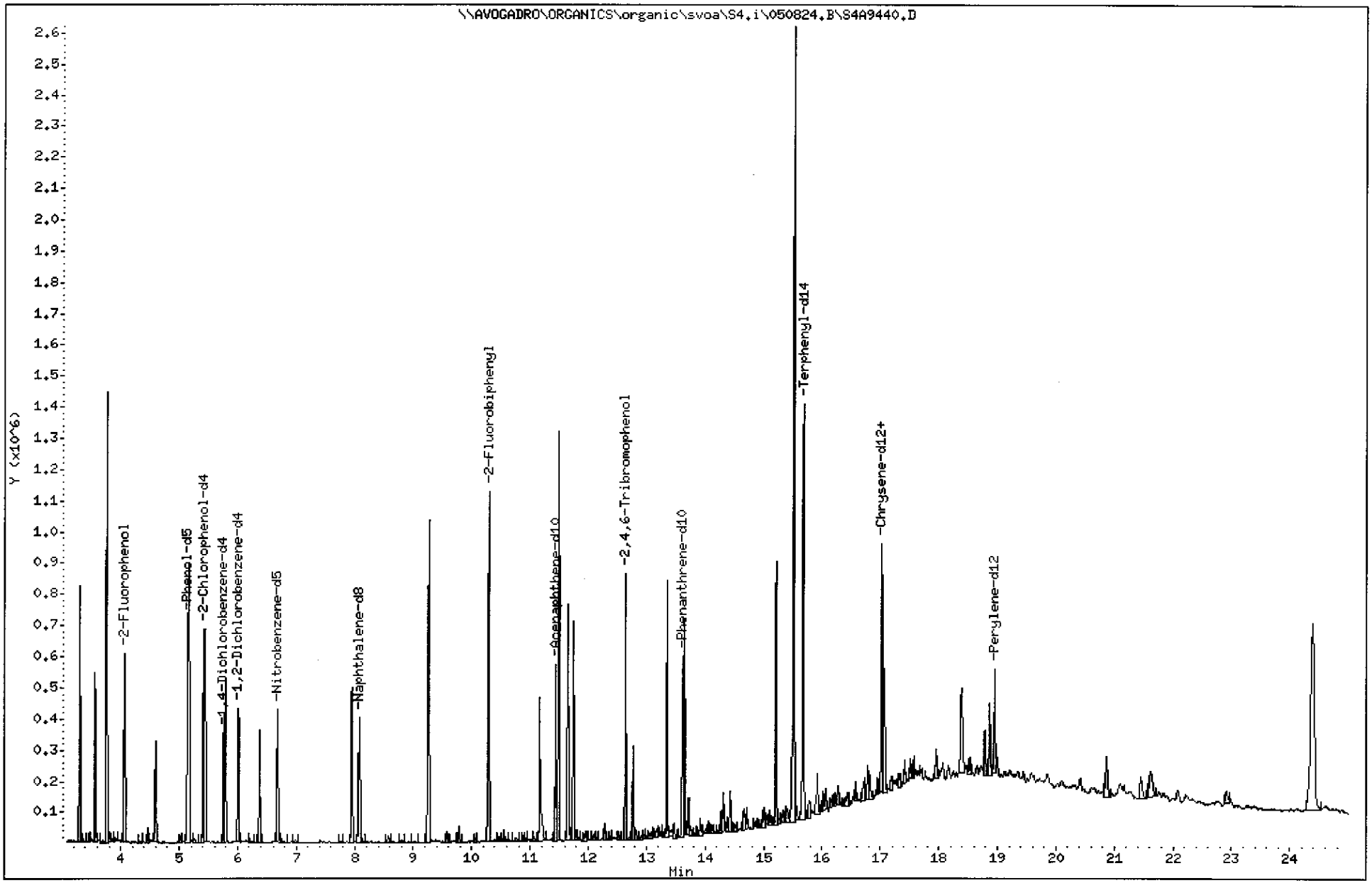
GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	4600	
132-64-9	Dibenzofuran	74	J
121-14-2	2,4-Dinitrotoluene	2500	
84-66-2	Diethylphthalate	620	U
86-73-7	Fluorene	98	J
7005-72-3	4-Chlorophenyl-phenylether	620	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	620	U
101-55-3	4-Bromophenyl-phenylether	620	U
118-74-1	Hexachlorobenzene	620	U
1912-24-9	Atrazine	620	U
87-86-5	Pentachlorophenol	4300	
85-01-8	Phenanthrene	1300	
120-12-7	Anthracene	330	J
86-74-8	Carbazole	120	J
84-74-2	Di-n-butylphthalate	620	U
206-44-0	Fluoranthene	2000	
129-00-0	Pyrene	4900	
85-68-7	Butylbenzylphthalate	620	U
91-94-1	3,3'-Dichlorobenzidine	620	U
56-55-3	Benzo(a)anthracene	880	
218-01-9	Chrysene	880	
117-81-7	bis(2-Ethylhexyl)phthalate	110	JB
117-84-0	Di-n-octylphthalate	620	U
205-99-2	Benzo(b)fluoranthene	950	
207-08-9	Benzo(k)fluoranthene	410	J
50-32-8	Benzo(a)pyrene	790	
193-39-5	Indeno(1,2,3-cd)pyrene	370	J
53-70-3	Dibenzo(a,h)anthracene	120	J
191-24-2	Benzo(g,h,i)perylene	390	J

(1) - Cannot be separated from Diphenylamine

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9440.D
Date : 24-AUG-2005 22:48
Client ID: SD07-S-MMSD
Sample Info: D0926-07AMSD,,19468,,
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S4.i
Operator: AW SRC: LIMS
Column diameter: 0.25



Data File: S4A9440.D
Report Date: 31-Aug-2005 13:55

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9440.D
Lab Smp Id: D0926-07AMSD Client Smp ID: SD07-S-MMSD
Inj Date : 24-AUG-2005 22:48
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-07AMSD,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D ✔
Als bottle: 18 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	47.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	4.058	4.048	(0.705)	159028	83.4480	2600
$	3 Phenol-d5	99	5.145	5.135	(0.894)	269524	98.9788	3100
	4 Phenol	94	5.166	5.155	(0.897)	282647	103.256	3200
$	6 2-Chlorophenol-d4	132	5.414	5.414	(0.941)	217046	94.4890	3000
	7 2-Chlorophenol	128	5.445	5.435	(0.946)	210617	94.4983	3000
*	8 1,4-Dichlorobenzene-d4	152	5.755	5.755	(1.000)	68526	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	6.004	6.004	(1.043)	83569	52.5649	1700
	14 N-Nitroso-di-n-propylamine	70	6.377	6.387	(1.108)	111529	66.6747	2100(Q)
$	16 Nitrobenzene-d5	82	6.677	6.677	(0.827)	201787	63.7514	2000
*	23 Naphthalene-d8	136	8.074	8.074	(1.000)	275787	40.0000	
	28 4-Chloro-3-Methylphenol	107	9.264	9.264	(1.147)	290253	129.145	4100
$	33 2-Fluorobiphenyl	172	10.289	10.289	(0.900)	417051	84.1671	2600
	39 Acenaphthylene	152	11.210	11.210	(0.980)	20865	3.25789	100(a)

Data File: S4A9440.D
Report Date: 31-Aug-2005 13:55

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
*	41 Acenaphthene-d10	164	11.438	11.438	(1.000)	144219	40.0000	
	42 Acenaphthene	153	11.490	11.490	(1.005)	361831	87.0669	2700
	44 4-Nitrophenol	109	11.655	11.645	(1.019)	140110	147.436	4600(Q)
	45 Dibenzofuran	168	11.759	11.759	(1.028)	14144	2.34427	74(a)
	46 2,4-Dinitrotoluene	165	11.748	11.748	(1.027)	121714	81.0546	2500(Q)
	48 Fluorene	166	12.276	12.287	(1.073)	17078	3.11950	98(a)
$	53 2,4,6-Tribromophenol	330	12.638	12.628	(0.929)	90621	148.760	4700
	57 Pentachlorophenol	266	13.342	13.342	(0.980)	80602	136.247	4300
*	58 Phenanthrene-d10	188	13.611	13.611	(1.000)	231819	40.0000	
	59 Phenanthrene	178	13.642	13.642	(1.002)	281511	40.9926	1300
	60 Anthracene	178	13.715	13.715	(1.008)	68396	10.4278	330(a)
	61 Carbazole	167	13.922	13.922	(1.023)	22715	3.94472	120(a)
	63 Fluoranthene	202	15.216	15.205	(1.118)	435377	62.1431	2000
	64 Pyrene	202	15.516	15.505	(0.911)	1134699	155.130	4900(R)
$	65 Terphenyl-d14	244	15.681	15.671	(0.920)	487125	92.0039	2900
	68 Benzo(a)anthracene	228	17.017	17.017	(0.999)	185108	27.8841	880
*	69 Chrysene-d12	240	17.037	17.027	(1.000)	210666	40.0000	
	70 Chrysene	228	17.068	17.068	(1.002)	173443	27.9063	880
	71 bis(2-Ethylhexyl)phthalate	149	16.965	16.954	(0.996)	19621	3.61318	110(a)
	73 Benzo(b)fluoranthene	252	18.383	18.372	(0.970)	190168	30.1880	950(M)
	74 Benzo(k)fluoranthene	252	18.414	18.414	(0.972)	86594	13.0332	410(aQM)
	75 Benzo(a)pyrene	252	18.869	18.859	(0.996)	131351	25.0934	790
*	76 Perylene-d12	264	18.952	18.942	(1.000)	164546	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	20.867	20.877	(1.101)	76496	11.7834	370(a)
	78 Dibenzo(a,h)anthracene	278	20.867	20.877	(1.101)	22182	3.95523	120(a)
	79 Benzo(g,h,i)perylene	276	21.457	21.457	(1.132)	63170	12.4390	390(a)

>ML
09/01/06
AV

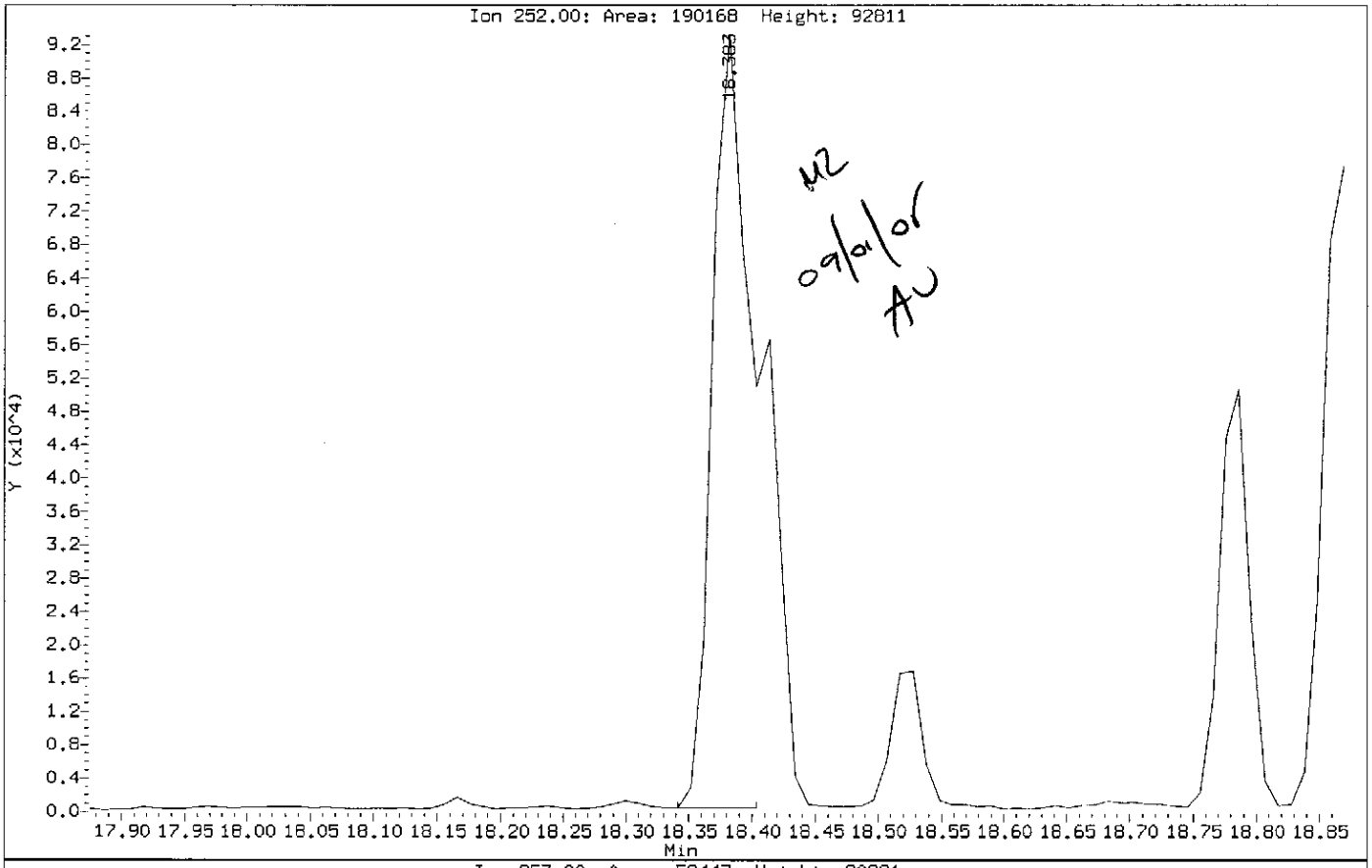
QC Flag Legend

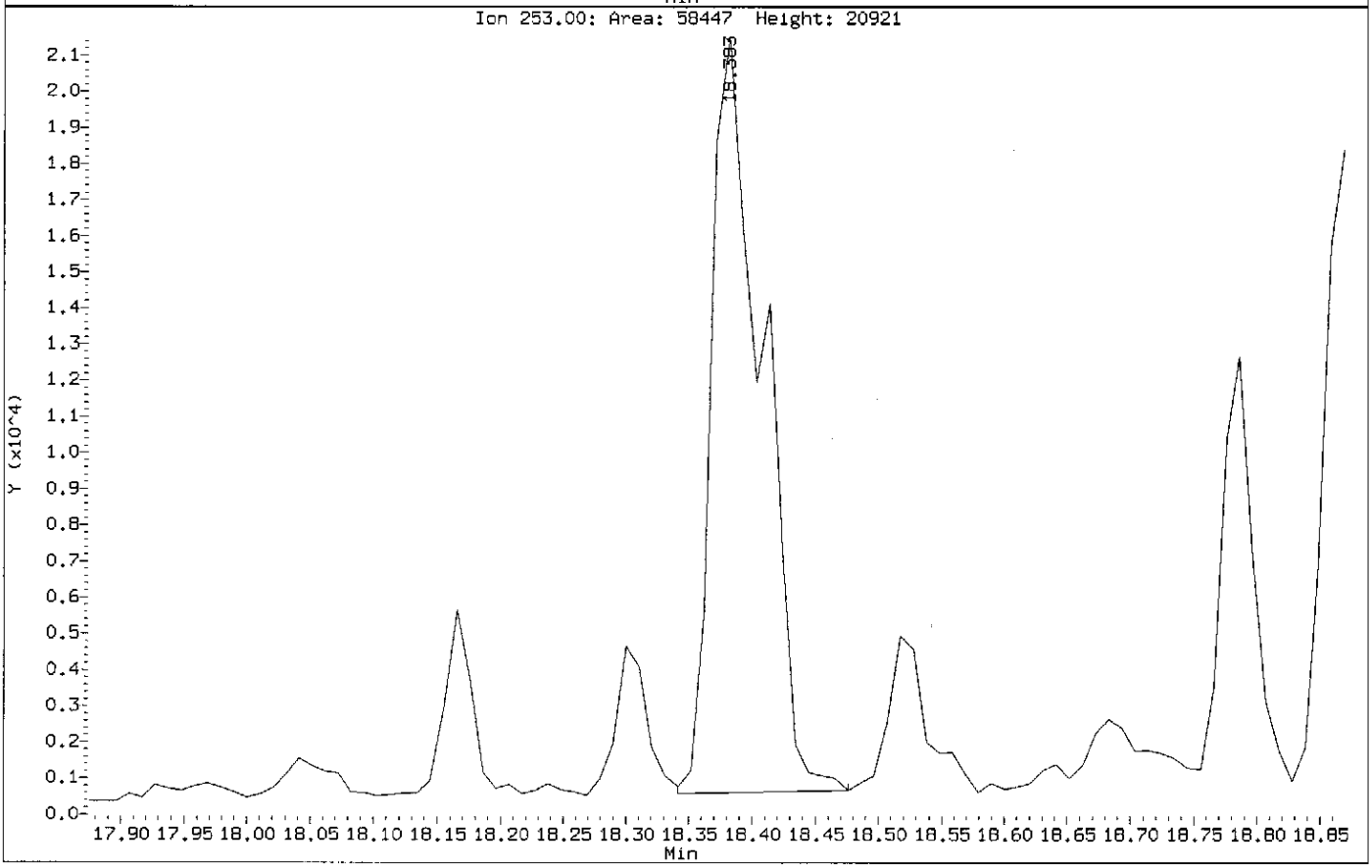
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

09/01/06
AV

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9440.D
Injection Date: 24-AUG-2005 22:48
Instrument: S4.i
Client Sample ID: SD07-S-MMSD

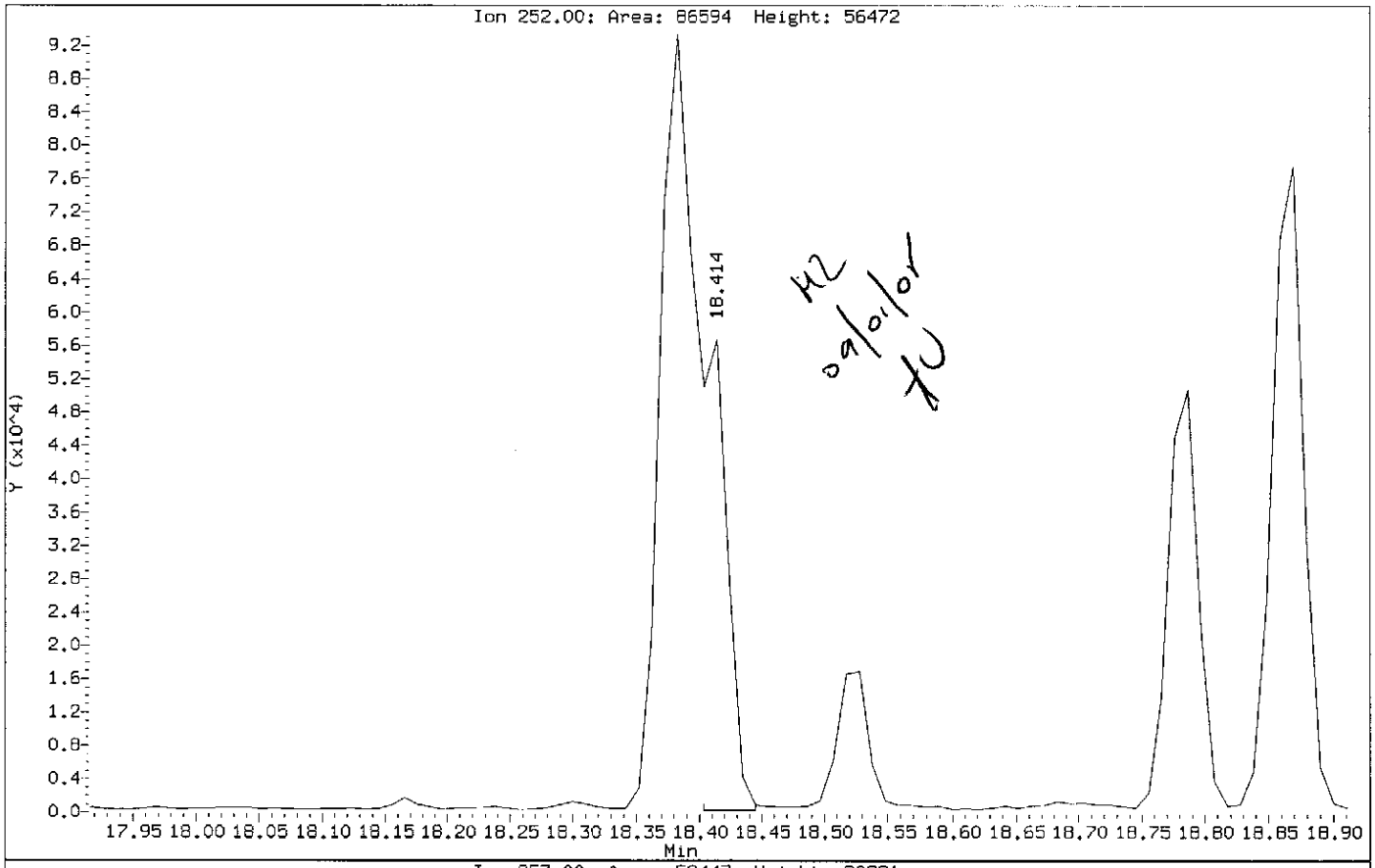
Compound: Benzo(b)fluoranthene
CAS Number: 205-99-2

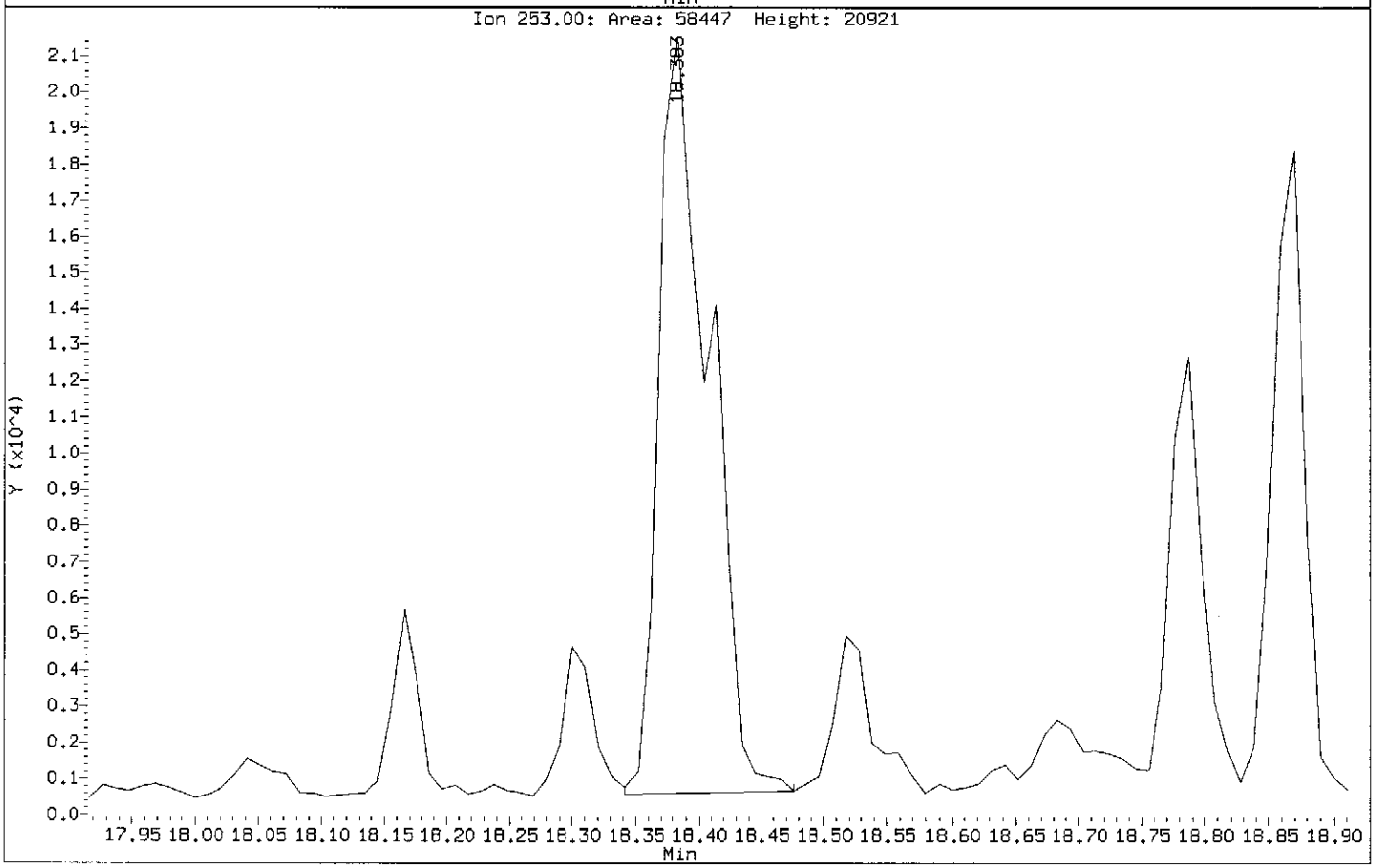




Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9440.D
Injection Date: 24-AUG-2005 22:48
Instrument: S4.i
Client Sample ID: SD07-S-MMSD

Compound: Benzo(k)fluoranthene
CAS Number: 207-08-9





1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MREMS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07AREMS

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9525

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	140	J
108-95-2	Phenol	3700	
111-44-4	bis(2-Chloroethyl)Ether	620	U
95-57-8	2-Chlorophenol	3500	
95-48-7	2-Methylphenol	620	U
108-60-1	2,2'-oxybis(1-Chloropropane)	620	U
98-86-2	Acetophenone	620	U
106-44-5	4-Methylphenol	620	U
621-64-7	N-Nitroso-di-n-propylamine	2400	
67-72-1	Hexachloroethane	620	U
98-95-3	Nitrobenzene	620	U
78-59-1	Isophorone	620	U
88-75-5	2-Nitrophenol	620	U
105-67-9	2,4-Dimethylphenol	620	U
111-91-1	bis(2-Chloroethoxy)methane	620	U
120-83-2	2,4-Dichlorophenol	620	U
91-20-3	Naphthalene	90	J
106-47-8	4-Chloroaniline	620	U
87-68-3	Hexachlorobutadiene	620	U
105-60-2	Caprolactam	620	U
59-50-7	4-Chloro-3-Methylphenol	3900	
91-57-6	2-Methylnaphthalene	74	J
77-47-4	Hexachlorocyclopentadiene	620	U
88-06-2	2,4,6-Trichlorophenol	620	U
95-95-4	2,4,5-Trichlorophenol	1600	U
92-52-4	1,1'-Biphenyl	620	U
91-58-7	2-Chloronaphthalene	620	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	620	U
606-20-2	2,6-Dinitrotoluene	620	U
208-96-8	Acenaphthylene	140	J
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	2700	

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MREMS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07AREMS

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9525

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

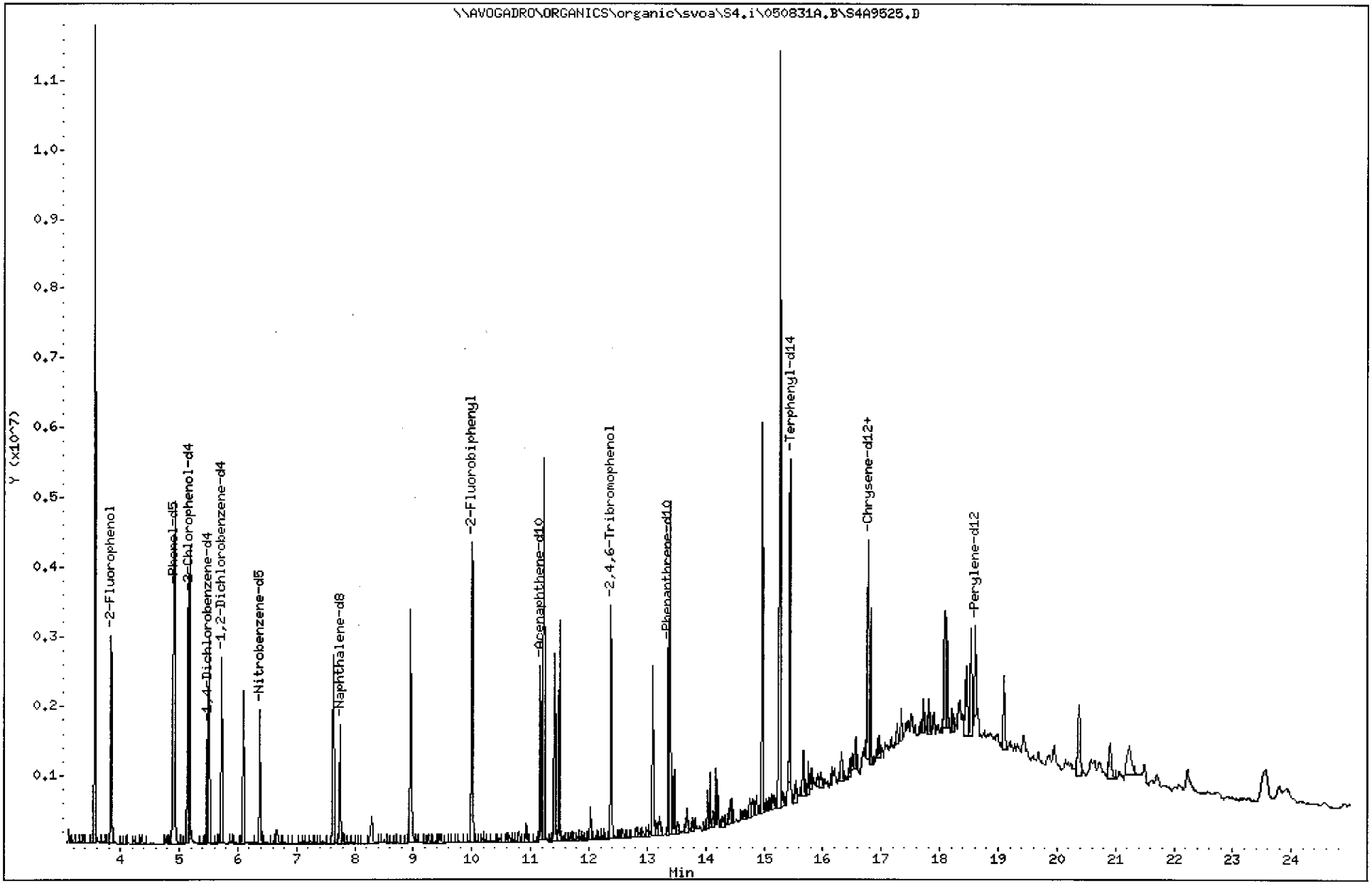
Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	4400	
132-64-9	Dibenzofuran	120	J
121-14-2	2,4-Dinitrotoluene	2400	
84-66-2	Diethylphthalate	620	U
86-73-7	Fluorene	180	J
7005-72-3	4-Chlorophenyl-phenylether	620	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	620	U
101-55-3	4-Bromophenyl-phenylether	620	U
118-74-1	Hexachlorobenzene	620	U
1912-24-9	Atrazine	620	U
87-86-5	Pentachlorophenol	4000	
85-01-8	Phenanthrene	2000	
120-12-7	Anthracene	500	J
86-74-8	Carbazole	190	J
84-74-2	Di-n-butylphthalate	620	U
206-44-0	Fluoranthene	2300	
129-00-0	Pyrene	5500	E
85-68-7	Butylbenzylphthalate	620	U
91-94-1	3,3'-Dichlorobenzidine	620	U
56-55-3	Benzo(a)anthracene	1100	
218-01-9	Chrysene	1300	
117-81-7	bis(2-Ethylhexyl)phthalate	130	JB
117-84-0	Di-n-octylphthalate	620	U
205-99-2	Benzo(b)fluoranthene	1200	
207-08-9	Benzo(k)fluoranthene	690	
50-32-8	Benzo(a)pyrene	1100	
193-39-5	Indeno(1,2,3-cd)pyrene	540	J
53-70-3	Dibenzo(a,h)anthracene	180	J
191-24-2	Benzo(g,h,i)perylene	600	J

(1) - Cannot be separated from Diphenylamine

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9525.D
Date : 31-AUG-2005 13:25
Client ID: SD07-S-MREMS
Instrument: S4.i
Sample Info: D0926-07AREMS,,19676,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9525.D
Report Date: 01-Sep-2005 08:47

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9525.D
Lab Smp Id: D0926-07AREMS Client Smp ID: SD07-S-MREMS
Inj Date : 31-AUG-2005 13:25
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-07AREMS,,19676,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\s4_olm4_2_S.m
Meth Date : 31-Aug-2005 11:39 mtl Quant Type: ISTD
Cal Date : 31-AUG-2005 11:13 Cal File: S4A9521.D
Als bottle: 88 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	47.000	% Moisture

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)	
$	1	2-Fluorophenol	112	3.851	3.841	(0.702)	999302	90.3409	2800	
	2	Benzaldehyde	77	4.865	4.865	(0.887)	7776	4.58018	140	(aQH)
$	3	Phenol-d5	99	4.896	4.886	(0.892)	1604822	112.731	3500	
	4	Phenol	94	4.917	4.907	(0.896)	1757905	118.530	3700	
$	6	2-Chlorophenol-d4	132	5.155	5.145	(0.940)	1345102	108.196	3400	
	7	2-Chlorophenol	128	5.176	5.165	(0.943)	1315248	112.137	3500	
*	8	1,4-Dichlorobenzene-d4	152	5.486	5.476	(1.000)	333962	40.0000		(Q)
$	9	1,2-Dichlorobenzene-d4	152	5.724	5.724	(1.043)	535996	65.5294	2100	
	14	N-Nitroso-di-n-propylamine	70	6.097	6.097	(1.111)	627683	75.0832	2400	(Q)
$	16	Nitrobenzene-d5	82	6.387	6.377	(0.824)	1029247	69.5103	2200	
*	23	Naphthalene-d8	136	7.753	7.743	(1.000)	1377532	40.0000		
	24	Naphthalene	128	7.795	7.795	(1.005)	105814	2.85417	90	(a)
	28	4-Chloro-3-Methylphenol	107	8.954	8.943	(1.155)	1389603	125.568	3900	

Data File: S4A9525.D
Report Date: 01-Sep-2005 08:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
	29 2-Methylnaphthalene	142	9.264	9.264	(1.195)	57569	2.36755	74(a)
$	33 2-Fluorobiphenyl	172	9.999	9.999	(0.895)	2068148	77.1473	2400
	39 Acenaphthylene	152	10.931	10.931	(0.979)	153708	4.36512	140(a)
*	41 Acenaphthene-d10	164	11.169	11.169	(1.000)	712142	40.0000	
	42 Acenaphthene	153	11.231	11.220	(1.006)	1961193	84.3731	2700
	44 4-Nitrophenol	109	11.417	11.407	(1.022)	451219	138.919	4400
	45 Dibenzofuran	168	11.500	11.500	(1.030)	128933	3.96730	120(a)
	46 2,4-Dinitrotoluene	165	11.500	11.500	(1.030)	629366	77.4737	2400(Q)
	48 Fluorene	166	12.028	12.028	(1.077)	157461	5.79896	180(a)
$	53 2,4,6-Tribromophenol	330	12.390	12.380	(0.927)	474543	143.390	4500
	57 Pentachlorophenol	266	13.104	13.094	(0.981)	371064	127.921	4000
*	58 Phenanthrene-d10	188	13.363	13.363	(1.000)	1067616	40.0000	
	59 Phenanthrene	178	13.394	13.394	(1.002)	2076484	63.7100	2000
	60 Anthracene	178	13.466	13.466	(1.008)	487211	15.9478	500(a)
	61 Carbazole	167	13.673	13.673	(1.023)	171640	6.09448	190(a)
	63 Fluoranthene	202	14.967	14.957	(1.120)	2455452	74.5835	2300
	64 Pyrene	202	15.267	15.257	(0.909)	4970148	175.477	5500(AR)
$	65 Terphenyl-d14	244	15.443	15.433	(0.920)	1849192	88.4963	2800
	68 Benzo(a)anthracene	228	16.779	16.768	(0.999)	917493	35.8759	1100
*	69 Chrysene-d12	240	16.789	16.779	(1.000)	771889	40.0000	
	70 Chrysene	228	16.820	16.810	(1.002)	949000	40.1901	1300
	71 bis(2-Ethylhexyl)phthalate	149	16.737	16.727	(0.997)	74740	4.09038	130(a)
	73 Benzo(b)fluoranthene	252	18.093	18.072	(0.972)	1091840	37.6124	1200(M)
	74 Benzo(k)fluoranthene	252	18.103	18.114	(0.973)	588601	21.9490	690(QM)
	75 Benzo(a)pyrene	252	18.538	18.517	(0.996)	769096	34.3030	1100
*	76 Perylene-d12	264	18.611	18.600	(1.000)	691429	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	20.380	20.360	(1.095)	480927	17.1192	540(a)
	78 Dibenzo(a,h)anthracene	278	20.380	20.370	(1.095)	136384	5.80515	180(a)
	79 Benzo(g,h,i)perylene	276	20.908	20.888	(1.123)	421939	19.0665	600(a)

mL 09/01/05 AJ

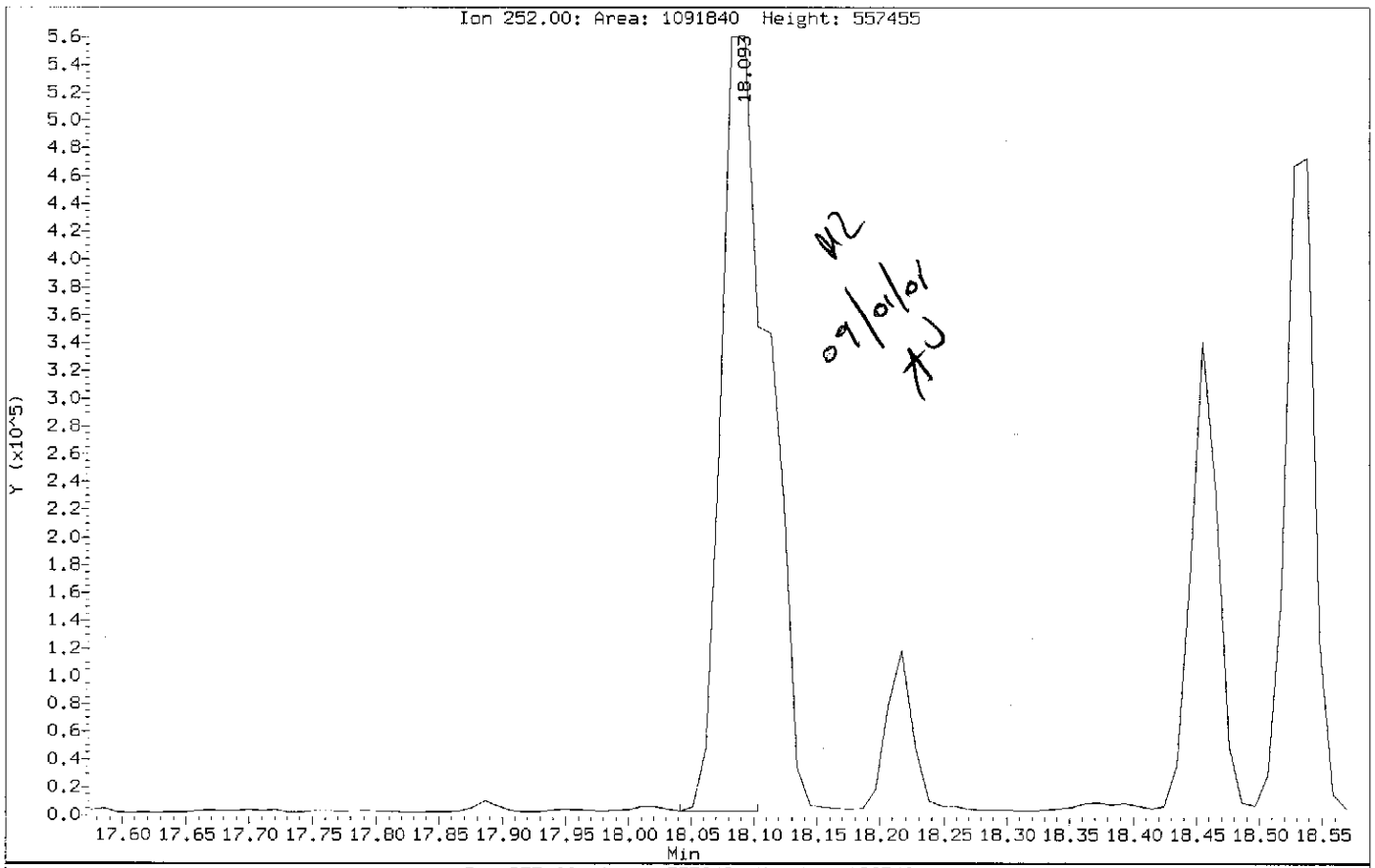
QC Flag Legend

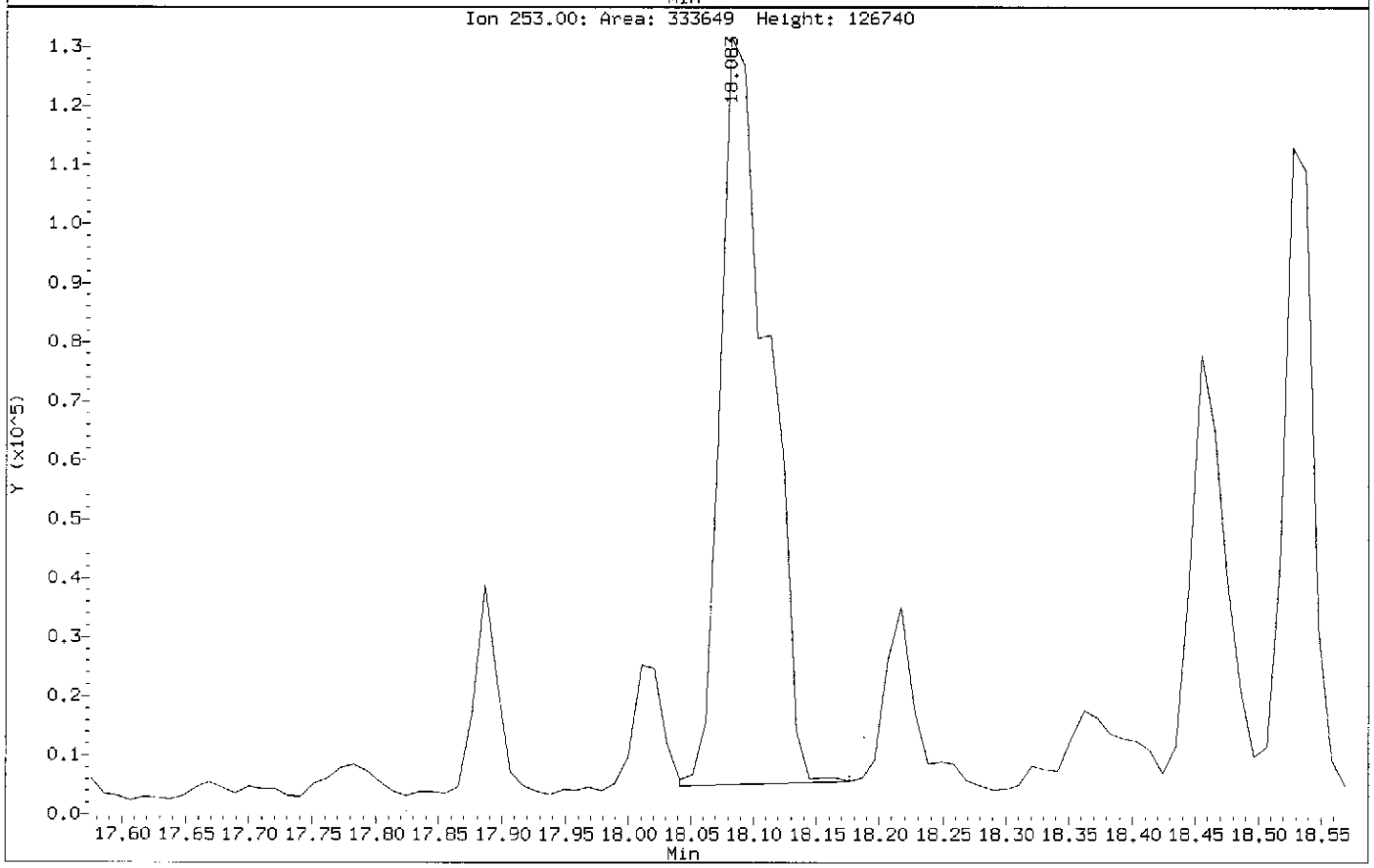
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

09/01/05 AJ

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9525.D
Injection Date: 31-AUG-2005 13:25
Instrument: S4.i
Client Sample ID: SD07-S-MREMS

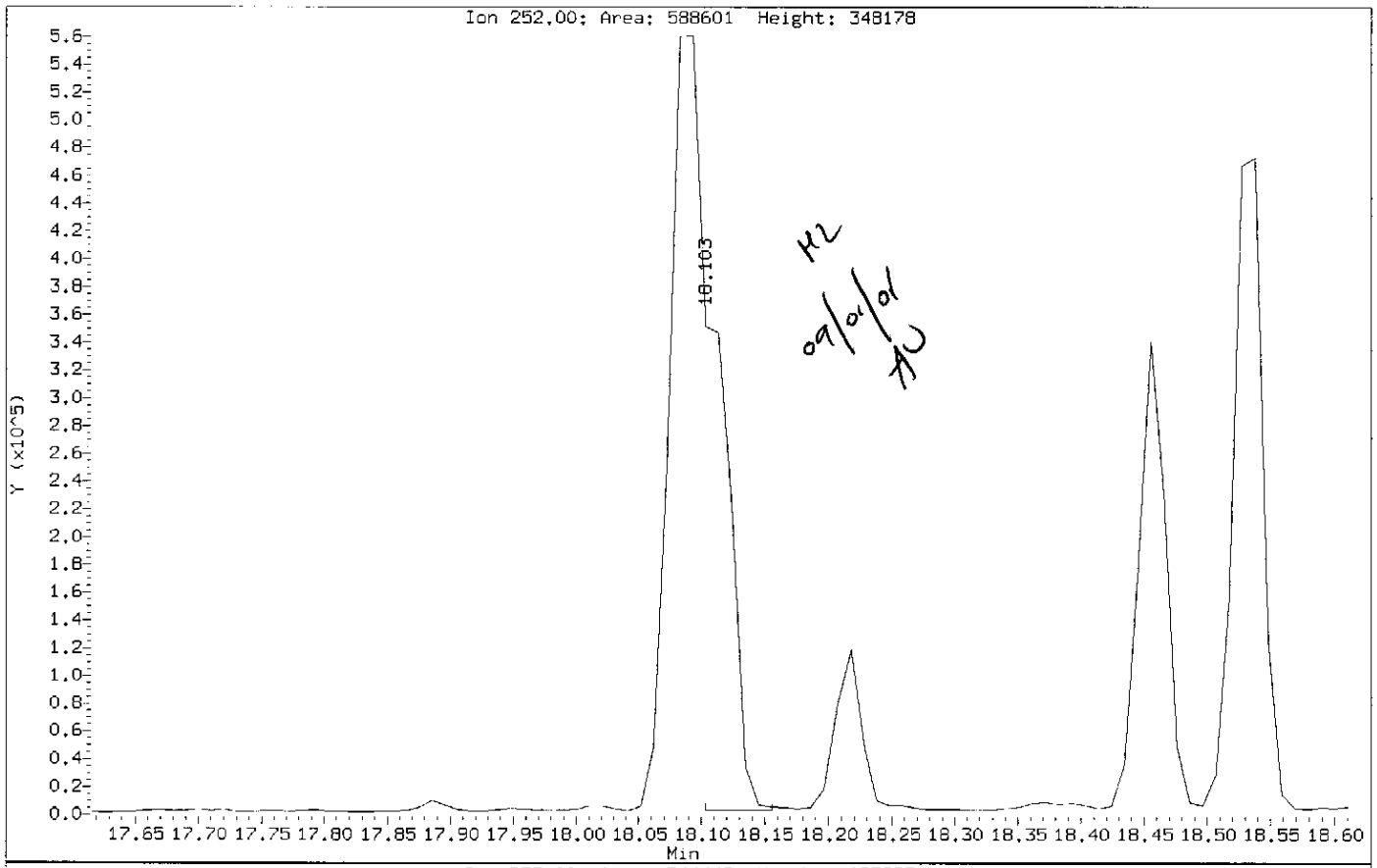
Compound: Benzo(b)fluoranthene
CAS Number: 205-99-2

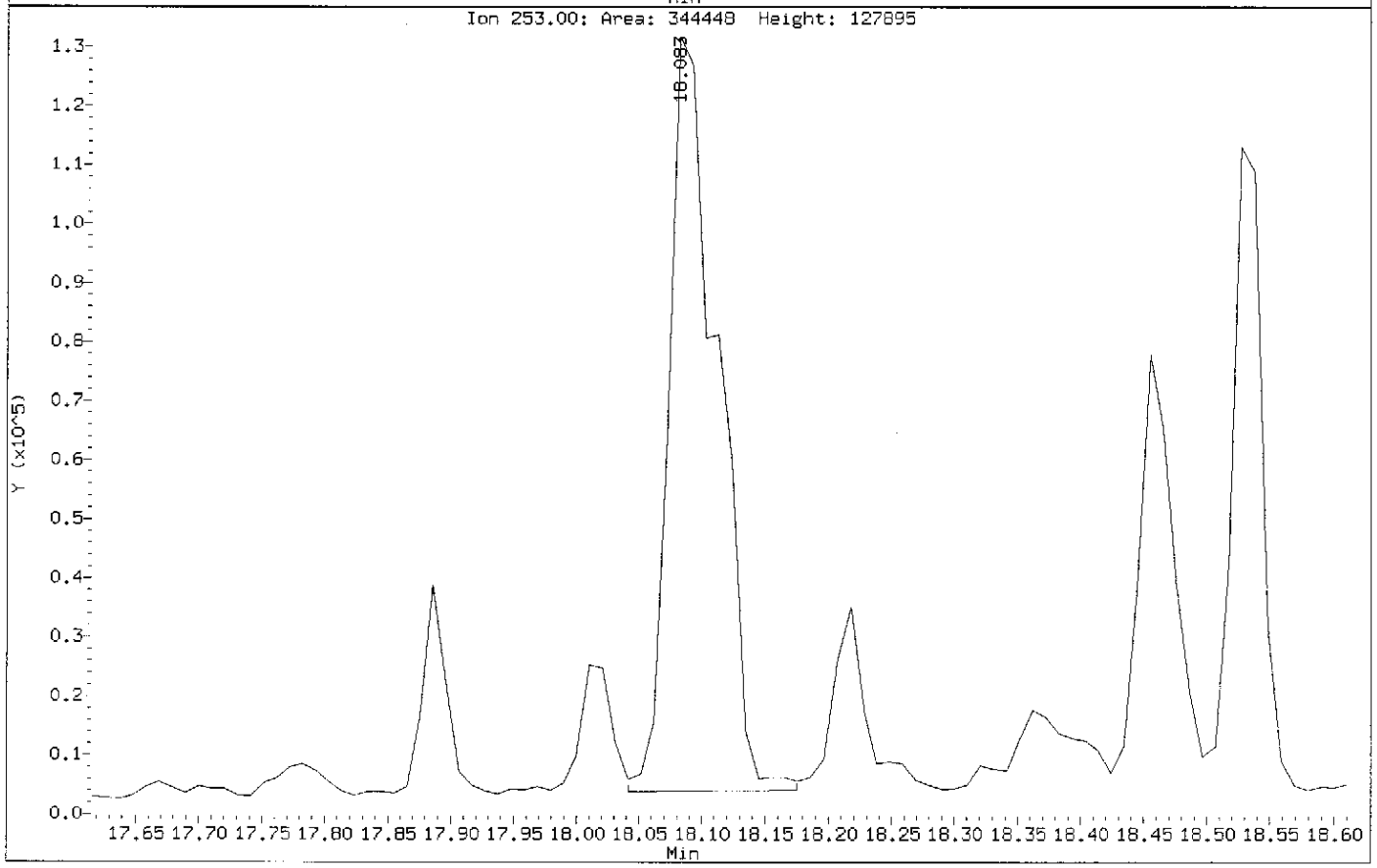




Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9525.D
Injection Date: 31-AUG-2005 13:25
Instrument: S4.i
Client Sample ID: SD07-S-MREMS

Compound: Benzo(k)fluoranthene
CAS Number: 207-08-9





1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MREMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07AREMSD

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9526

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	110	J
108-95-2	Phenol	4200	
111-44-4	bis(2-Chloroethyl)Ether	620	U
95-57-8	2-Chlorophenol	4100	
95-48-7	2-Methylphenol	620	U
108-60-1	2,2'-oxybis(1-Chloropropane)	620	U
98-86-2	Acetophenone	620	U
106-44-5	4-Methylphenol	620	U
621-64-7	N-Nitroso-di-n-propylamine	2700	
67-72-1	Hexachloroethane	620	U
98-95-3	Nitrobenzene	620	U
78-59-1	Isophorone	620	U
88-75-5	2-Nitrophenol	620	U
105-67-9	2,4-Dimethylphenol	620	U
111-91-1	bis(2-Chloroethoxy)methane	620	U
120-83-2	2,4-Dichlorophenol	620	U
91-20-3	Naphthalene	620	U
106-47-8	4-Chloroaniline	620	U
87-68-3	Hexachlorobutadiene	620	U
105-60-2	Caprolactam	620	U
59-50-7	4-Chloro-3-Methylphenol	4600	
91-57-6	2-Methylnaphthalene	620	U
77-47-4	Hexachlorocyclopentadiene	620	U
88-06-2	2,4,6-Trichlorophenol	620	U
95-95-4	2,4,5-Trichlorophenol	1600	U
92-52-4	1,1'-Biphenyl	620	U
91-58-7	2-Chloronaphthalene	620	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	620	U
606-20-2	2,6-Dinitrotoluene	620	U
208-96-8	Acenaphthylene	130	J
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	3000	

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MREMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07AREMSD

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9526

Level: (low/med) LOW Date Received: 08/10/05

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 08/26/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/31/05

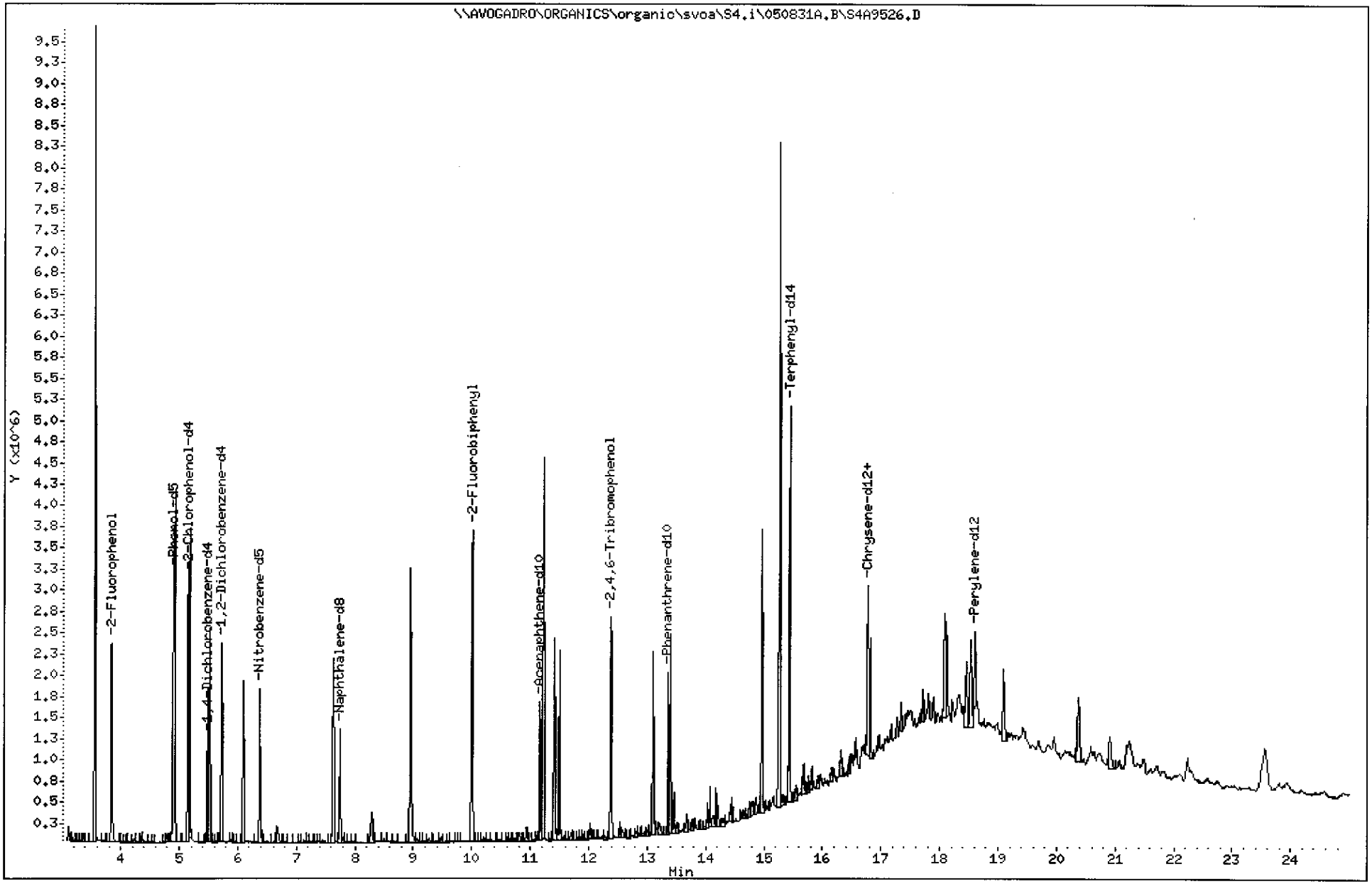
Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	5300	E
132-64-9	Dibenzofuran	620	U
121-14-2	2,4-Dinitrotoluene	2900	
84-66-2	Diethylphthalate	620	U
86-73-7	Fluorene	96	J
7005-72-3	4-Chlorophenyl-phenylether	620	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	620	U
101-55-3	4-Bromophenyl-phenylether	620	U
118-74-1	Hexachlorobenzene	620	U
1912-24-9	Atrazine	620	U
87-86-5	Pentachlorophenol	4700	
85-01-8	Phenanthrene	1400	
120-12-7	Anthracene	330	J
86-74-8	Carbazole	160	J
84-74-2	Di-n-butylphthalate	76	J
206-44-0	Fluoranthene	2000	
129-00-0	Pyrene	5800	E
85-68-7	Butylbenzylphthalate	620	U
91-94-1	3,3'-Dichlorobenzidine	620	U
56-55-3	Benzo(a)anthracene	1000	
218-01-9	Chrysene	1200	
117-81-7	bis(2-Ethylhexyl)phthalate	190	JB
117-84-0	Di-n-octylphthalate	620	U
205-99-2	Benzo(b)fluoranthene	1200	
207-08-9	Benzo(k)fluoranthene	690	
50-32-8	Benzo(a)pyrene	1000	
193-39-5	Indeno(1,2,3-cd)pyrene	570	J
53-70-3	Dibenzo(a,h)anthracene	200	J
191-24-2	Benzo(g,h,i)perylene	640	

(1) - Cannot be separated from Diphenylamine

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9526.D
Date : 31-AUG-2005 13:57
Client ID: SD07-S-MREMSD
Instrument: S4.i
Sample Info: D0926-07AREMSD,,19676,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9526.D
Report Date: 01-Sep-2005 08:50

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9526.D
Lab Smp Id: D0926-07AREMSD Client Smp ID: SD07-S-MREMSD
Inj Date : 31-AUG-2005 13:57
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-07AREMSD,,19676,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\s4_olm4_2_S.m
Meth Date : 31-Aug-2005 11:39 mtl Quant Type: ISTD
Cal Date : 31-AUG-2005 11:13 Cal File: S4A9521.D
Als bottle: 89 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	47.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	3.851	3.841	(0.702)	844112	102.276	3200
2	Benzaldehyde	77	4.865	4.865	(0.887)	4578	3.61401	110(aQ)
$ 3	Phenol-d5	99	4.896	4.886	(0.892)	1377843	129.719	4100
4	Phenol	94	4.917	4.907	(0.896)	1463676	132.272	4200
$ 6	2-Chlorophenol-d4	132	5.155	5.145	(0.940)	1162267	125.299	3900
7	2-Chlorophenol	128	5.176	5.165	(0.943)	1128905	128.998	4100
* 8	1,4-Dichlorobenzene-d4	152	5.486	5.476	(1.000)	249178	40.0000	(Q)
$ 9	1,2-Dichlorobenzene-d4	152	5.724	5.724	(1.043)	463523	75.9509	2400
14	N-Nitroso-di-n-propylamine	70	6.097	6.097	(1.111)	536146	85.9553	2700(Q)
$ 16	Nitrobenzene-d5	82	6.387	6.377	(0.824)	902186	83.3224	2600
* 23	Naphthalene-d8	136	7.753	7.743	(1.000)	1007316	40.0000	
28	4-Chloro-3-Methylphenol	107	8.954	8.943	(1.155)	1188769	146.900	4600
$ 33	2-Fluorobiphenyl	172	10.009	9.999	(0.896)	1771441	94.6246	3000

Data File: S4A9526.D
Report Date: 01-Sep-2005 08:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
	39 Acenaphthylene	152	10.941	10.931	(0.980)	101136	4.11286	130(a)
*	41 Acenaphthene-d10	164	11.169	11.169	(1.000)	497311	40.0000	
	42 Acenaphthene	153	11.231	11.220	(1.006)	1547828	95.3554	3000
	44 4-Nitrophenol	109	11.417	11.407	(1.022)	381801	168.326	5300(A)
	46 2,4-Dinitrotoluene	165	11.510	11.500	(1.031)	524669	92.4858	2900(QR)
	48 Fluorene	166	12.028	12.028	(1.077)	57907	3.05384	96(a)
$	53 2,4,6-Tribromophenol	330	12.390	12.380	(0.927)	406335	171.126	5400(A)
	57 Pentachlorophenol	266	13.104	13.094	(0.981)	307791	147.889	4700
*	58 Phenanthrene-d10	188	13.363	13.363	(1.000)	765997	40.0000	
	59 Phenanthrene	178	13.394	13.394	(1.002)	1043586	44.6267	1400
	60 Anthracene	178	13.466	13.466	(1.008)	232281	10.5971	330(a)
	61 Carbazole	167	13.684	13.673	(1.024)	101241	5.01029	160(a)
	62 Di-n-butylphthalate	149	14.118	14.118	(1.057)	63257	2.41900	76(a)
	63 Fluoranthene	202	14.967	14.957	(1.120)	1508028	63.8423	2000
	64 Pyrene	202	15.267	15.257	(0.909)	3566014	182.906	5800(AR)
$	65 Terphenyl-d14	244	15.443	15.433	(0.920)	1539376	107.024	3400
	68 Benzo(a)anthracene	228	16.778	16.768	(0.999)	566692	32.1915	1000
*	69 Chrysene-d12	240	16.789	16.779	(1.000)	531325	40.0000	
	70 Chrysene	228	16.820	16.810	(1.002)	612210	37.6659	1200
	71 bis(2-Ethylhexyl)phthalate	149	16.737	16.727	(0.997)	74021	5.88519	190(a)
	73 Benzo(b)fluoranthene	252	18.083	18.072	(0.972)	741787	36.9164	1200(M)
	74 Benzo(k)fluoranthene	252	18.103	18.114	(0.973)	406418	21.8944	690(QM)
	75 Benzo(a)pyrene	252	18.538	18.517	(0.996)	503406	32.4368	1000
*	76 Perylene-d12	264	18.610	18.600	(1.000)	478608	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	20.380	20.360	(1.095)	353281	18.1673	570(a)
	78 Dibenzo(a,h)anthracene	278	20.380	20.370	(1.095)	102742	6.31779	200(a)
	79 Benzo(g,h,i)perylene	276	20.919	20.888	(1.124)	312405	20.3942	640

µ2
09/01/05
AJ

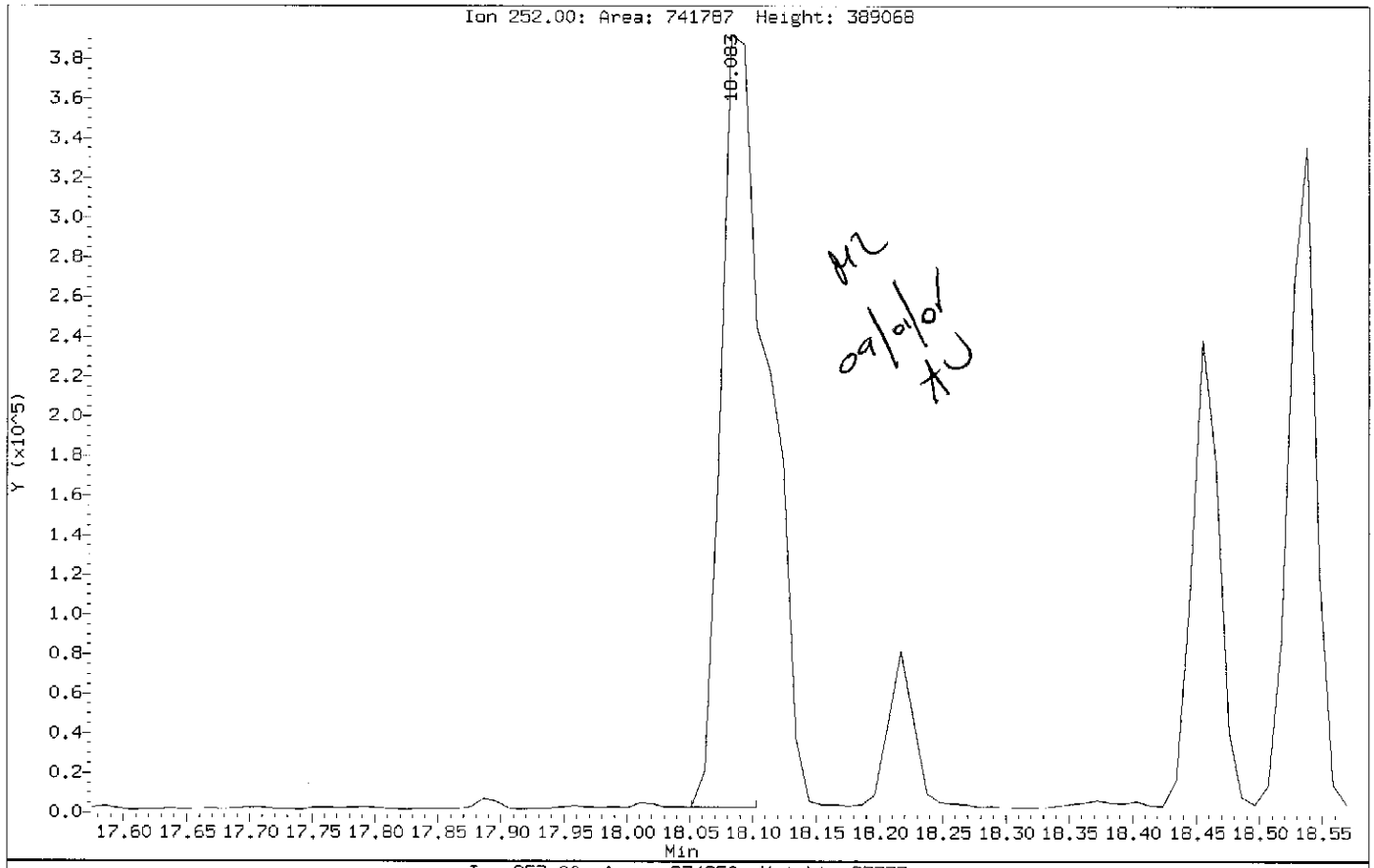
QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

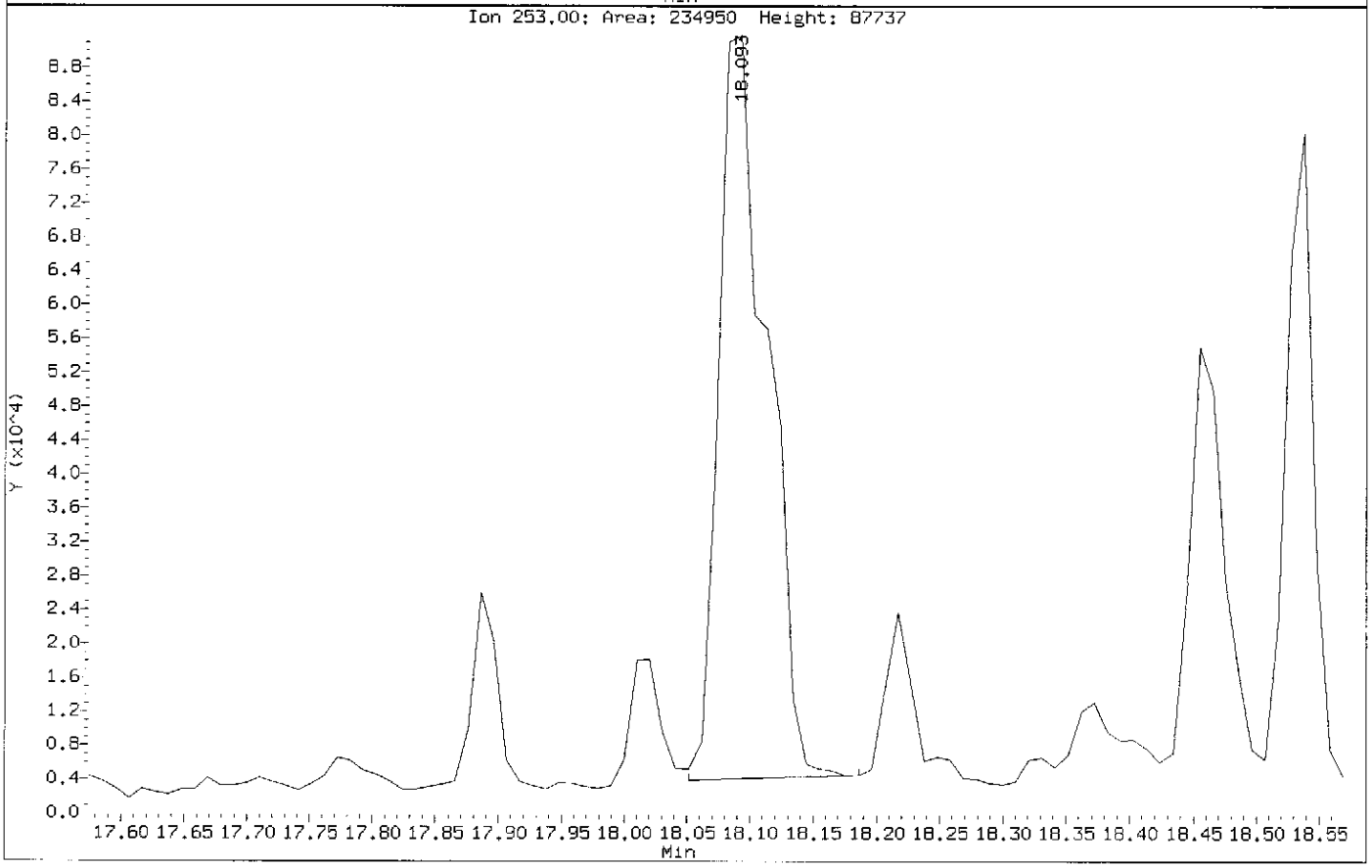
09/01/05
AJ

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9526.D
Injection Date: 31-AUG-2005 13:57
Instrument: S4.i
Client Sample ID: SD07-S-MREMSD

Compound: Benzo(b)fluoranthene
CAS Number: 205-99-2

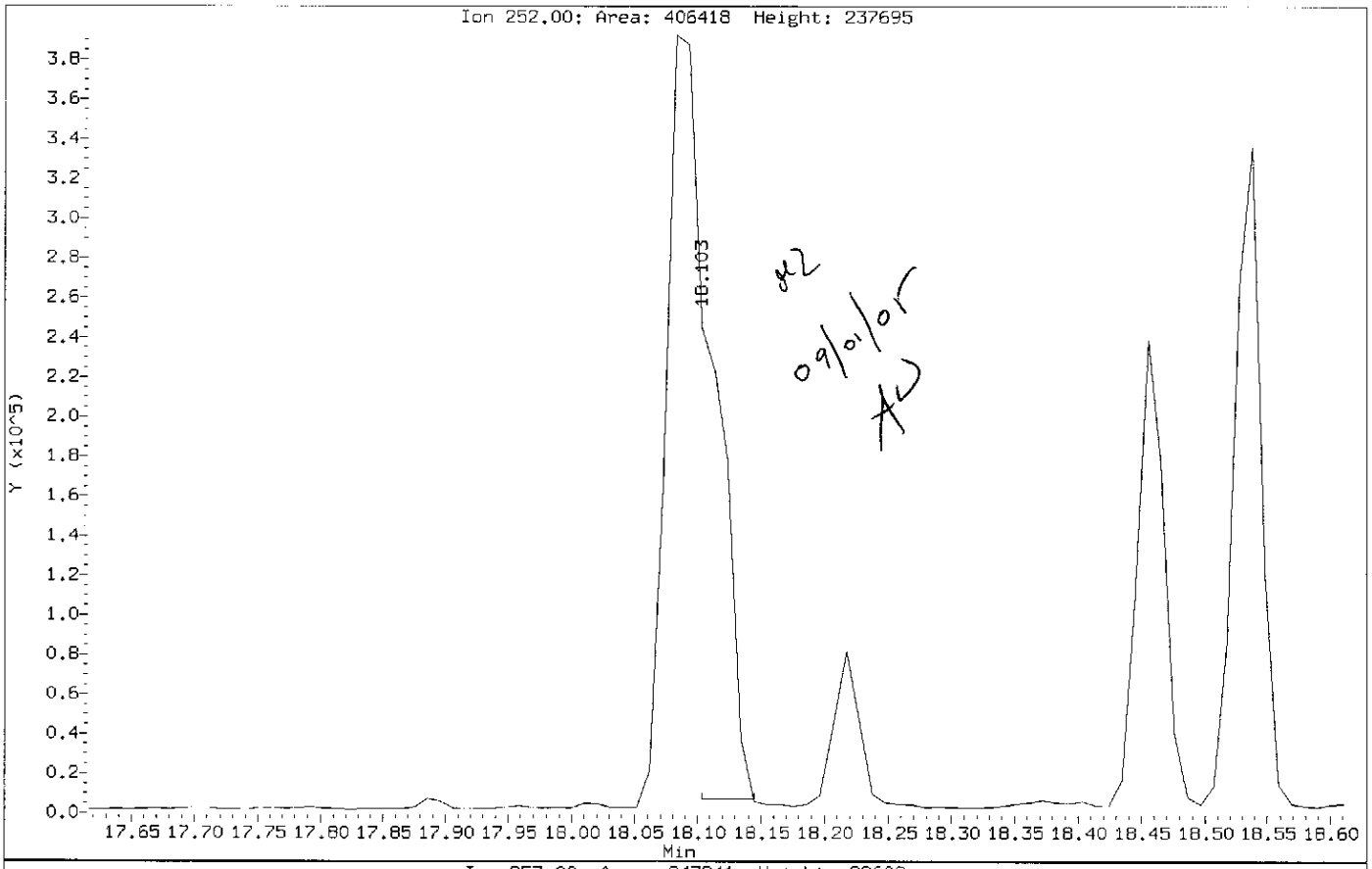


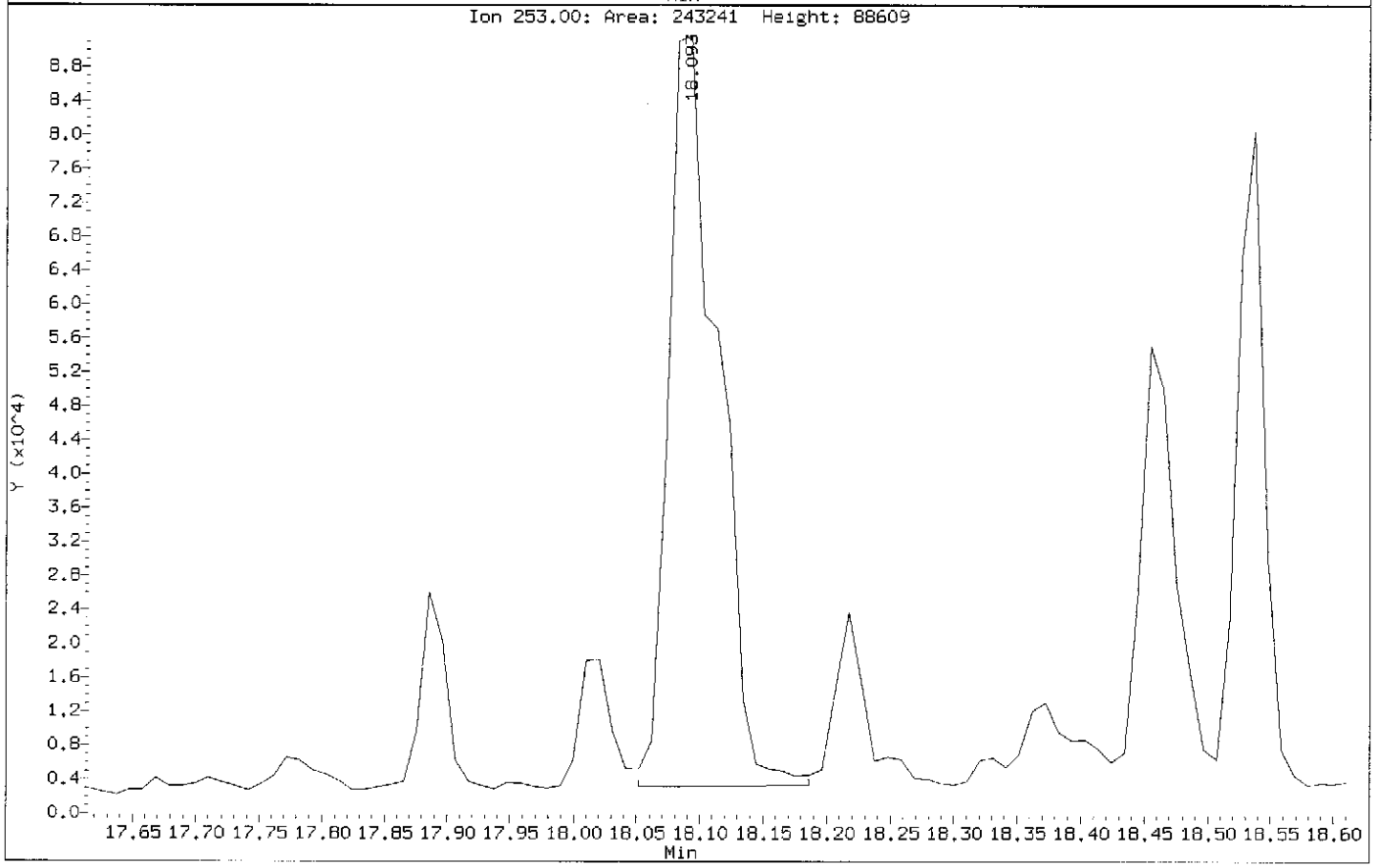
MZ
09/01/05
AV



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050831A.B\S4A9526.D
Injection Date: 31-AUG-2005 13:57
Instrument: S4.i
Client Sample ID: SD07-S-MREMSD

Compound: Benzo(k)fluoranthene
CAS Number: 207-08-9





1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS11-S-MMS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19AMS

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9433

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	370	U
108-95-2	Phenol	2100	
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	2000	
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
98-86-2	Acetophenone	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	1300	
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
105-60-2	Caprolactam	370	U
59-50-7	4-Chloro-3-Methylphenol	2400	
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	930	U
92-52-4	1,1'-Biphenyl	370	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	930	U
131-11-3	Dimethylphthalate	370	U
606-20-2	2,6-Dinitrotoluene	370	U
208-96-8	Acenaphthylene	370	U
99-09-2	3-Nitroaniline	930	U
83-32-9	Acenaphthene	1500	

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS11-S-MMS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19AMS

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9433

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

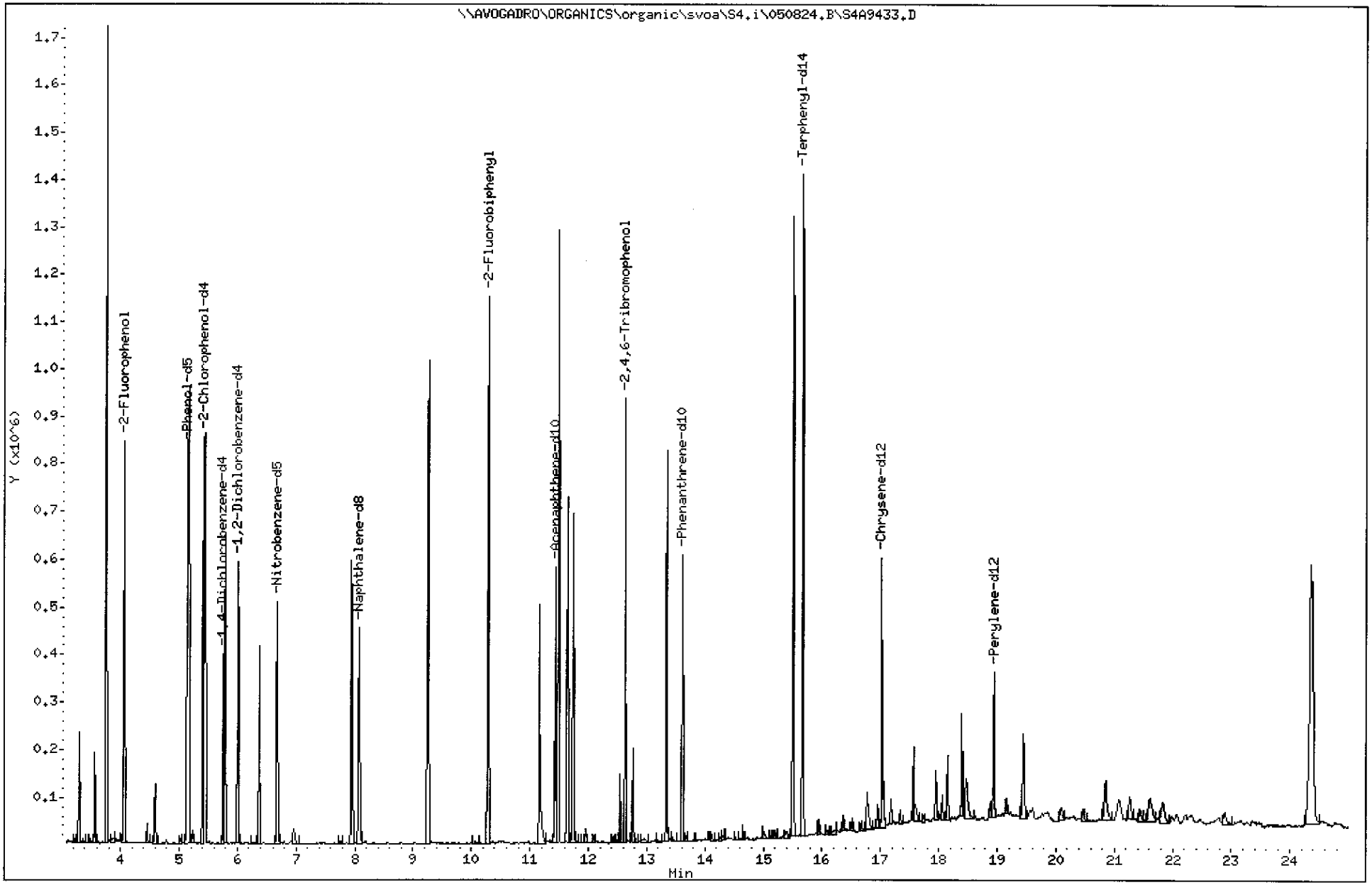
Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	930	U
100-02-7	4-Nitrophenol	2600	
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	1400	
84-66-2	Diethylphthalate	370	U
86-73-7	Fluorene	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
100-01-6	4-Nitroaniline	930	U
534-52-1	4,6-Dinitro-2-methylphenol	930	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
1912-24-9	Atrazine	370	U
87-86-5	Pentachlorophenol	2500	
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
86-74-8	Carbazole	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	1900	
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)phthalate	60	JB
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenzo(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U

(1) - Cannot be separated from Diphenylamine

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9433.D
Date : 24-AUG-2005 18:56
Client ID: SS11-S-MMS
Instrument: S4.i
Sample Info: D0926-19AMS,,19468,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9433.D
Report Date: 31-Aug-2005 11:49

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9433.D
Lab Smp Id: D0926-19AMS Client Smp ID: SS11-S-MMS
Inj Date : 24-AUG-2005 18:56
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-19AMS,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D
Als bottle: 11 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	11.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	4.058	4.048	(0.705)	202396	100.089	1900
$	3 Phenol-d5	99	5.145	5.135	(0.894)	312120	108.021	2000
	4 Phenol	94	5.166	5.155	(0.897)	321521	110.694	2100
$	6 2-Chlorophenol-d4	132	5.414	5.414	(0.941)	257485	105.639	2000
	7 2-Chlorophenol	128	5.435	5.435	(0.944)	249713	105.588	2000
*	8 1,4-Dichlorobenzene-d4	152	5.755	5.755	(1.000)	72713	40.0000	(Q)
$	9 1,2-Dichlorobenzene-d4	152	6.004	6.004	(1.043)	105696	62.6545	1200
	14 N-Nitroso-di-n-propylamine	70	6.377	6.387	(1.108)	125402	70.6515	1300(Q)
$	16 Nitrobenzene-d5	82	6.677	6.677	(0.827)	236422	70.6043	1300
*	23 Naphthalene-d8	136	8.074	8.074	(1.000)	291761	40.0000	
	28 4-Chloro-3-Methylphenol	107	9.264	9.264	(1.147)	298569	125.572	2400
$	33 2-Fluorobiphenyl	172	10.289	10.289	(0.900)	450944	84.5212	1600
*	41 Acenaphthene-d10	164	11.438	11.438	(1.000)	155286	40.0000	

Data File: S4A9433.D
Report Date: 31-Aug-2005 11:49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
	42 Acenaphthene	153	11.490	11.490	(1.005)	362008	80.9013	1500
	44 4-Nitrophenol	109	11.645	11.645	(1.018)	142703	139.462	2600
	46 2,4-Dinitrotoluene	165	11.748	11.748	(1.027)	124857	77.2218	1400(Q)
$	53 2,4,6-Tribromophenol	330	12.638	12.628	(0.929)	98281	150.591	2800
	57 Pentachlorophenol	266	13.342	13.342	(0.980)	84769	133.748	2500
*	58 Phenanthrene-d10	188	13.611	13.611	(1.000)	248358	40.0000	
	64 Pyrene	202	15.505	15.505	(0.911)	675834	100.779	1900
$	65 Terphenyl-d14	244	15.681	15.671	(0.921)	507827	104.616	2000
*	69 Chrysene-d12	240	17.027	17.027	(1.000)	193143	40.0000	
	71 bis(2-Ethylhexyl)phthalate	149	16.955	16.954	(0.996)	15840	3.18155	60(a)
*	76 Perylene-d12	264	18.942	18.942	(1.000)	152438	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

08/31/05
AU

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS11-S-MMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19AMSD

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9434

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	370	U
108-95-2	Phenol	2100	
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	1900	
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
98-86-2	Acetophenone	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	1300	
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
105-60-2	Caprolactam	370	U
59-50-7	4-Chloro-3-Methylphenol	2400	
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	930	U
92-52-4	1,1'-Biphenyl	370	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	930	U
131-11-3	Dimethylphthalate	370	U
606-20-2	2,6-Dinitrotoluene	370	U
208-96-8	Acenaphthylene	370	U
99-09-2	3-Nitroaniline	930	U
83-32-9	Acenaphthene	1500	

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS11-S-MMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19AMSD

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A9434

Level: (low/med) LOW Date Received: 08/11/05

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 08/12/05

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/24/05

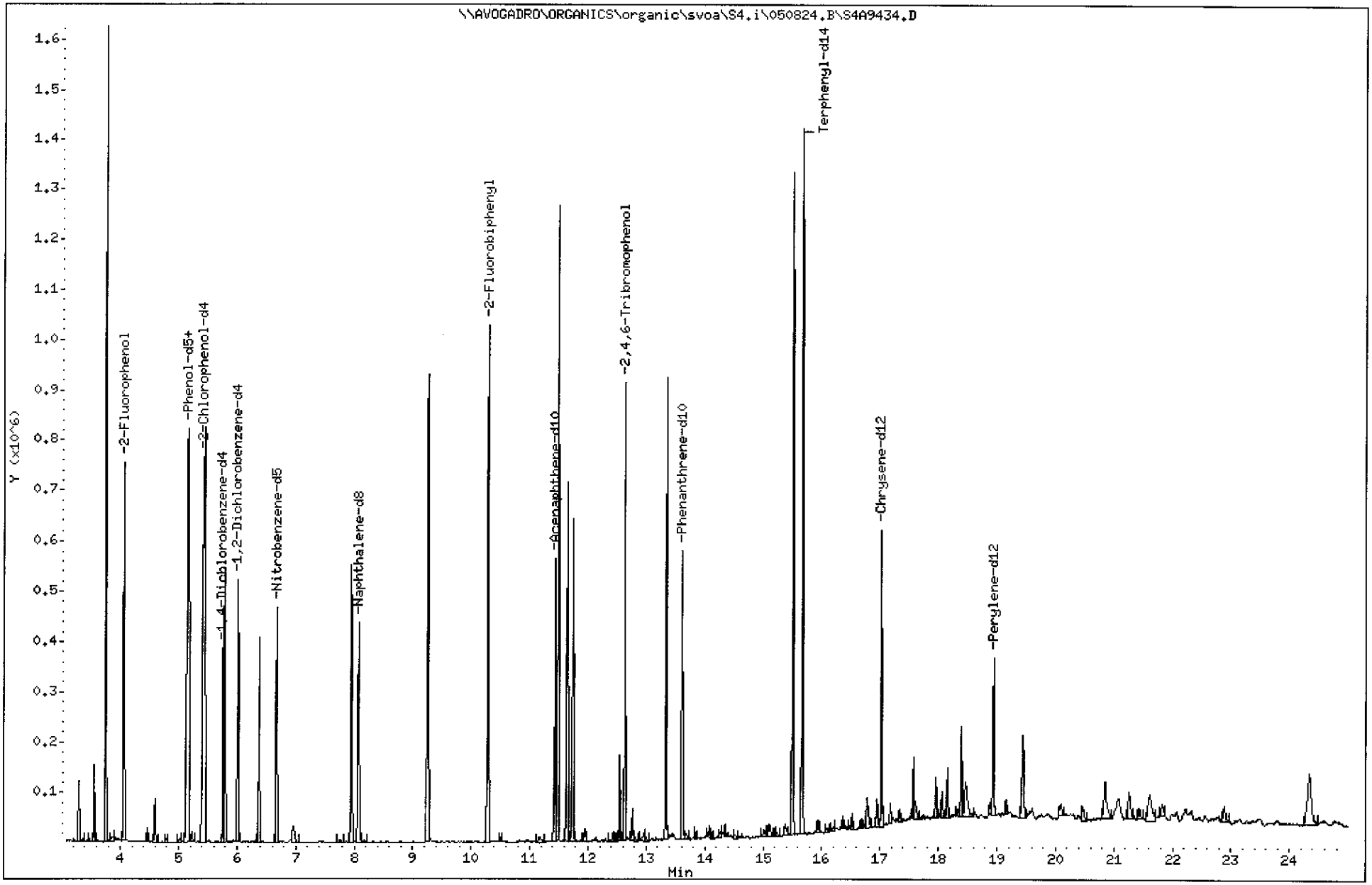
Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	930	U
100-02-7	4-Nitrophenol	2500	
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	1400	
84-66-2	Diethylphthalate	370	U
86-73-7	Fluorene	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
100-01-6	4-Nitroaniline	930	U
534-52-1	4,6-Dinitro-2-methylphenol	930	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
1912-24-9	Atrazine	370	U
87-86-5	Pentachlorophenol	2800	
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
86-74-8	Carbazole	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	1900	
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)phthalate	59	JB
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenzo(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U

(1) - Cannot be separated from Diphenylamine

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9434.D
Date : 24-AUG-2005 19:29
Client ID: SS11-S-MMSD
Instrument: S4.i
Sample Info: D0926-19AMSD,,19468,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S4A9434.D
Report Date: 31-Aug-2005 11:50

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\S4A9434.D
Lab Smp Id: D0926-19AMSD Client Smp ID: SS11-S-MMSD
Inj Date : 24-AUG-2005 19:29
Operator : AW SRC: LIMS Inst ID: S4.i
Smp Info : D0926-19AMSD,,19468,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S4.i\050824.B\s4_olm4_2_S.m
Meth Date : 24-Aug-2005 15:31 mtl Quant Type: ISTD
Cal Date : 24-AUG-2005 15:00 Cal File: S4A9426.D
Als bottle: 12 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	11.000	% Moisture

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	4.058	4.048	(0.705)	178426	94.2984	1800
$	3 Phenol-d5	99	5.145	5.135	(0.894)	283381	104.814	2000
	4 Phenol	94	5.165	5.155	(0.897)	301565	110.958	2100
$	6 2-Chlorophenol-d4	132	5.414	5.414	(0.941)	228849	100.342	1900
	7 2-Chlorophenol	128	5.435	5.435	(0.944)	225067	101.706	1900
*	8 1,4-Dichlorobenzene-d4	152	5.755	5.755	(1.000)	68038	40.0000	(Q)
$	9 1,2-Dichlorobenzene-d4	152	6.004	6.004	(1.043)	92012	58.2907	1100
	14 N-Nitroso-di-n-propylamine	70	6.376	6.387	(1.108)	116878	70.3736	1300(Q)
$	16 Nitrobenzene-d5	82	6.677	6.677	(0.827)	214332	67.4358	1300
*	23 Naphthalene-d8	136	8.074	8.074	(1.000)	276928	40.0000	
	28 4-Chloro-3-Methylphenol	107	9.264	9.264	(1.147)	289151	128.125	2400
$	33 2-Fluorobiphenyl	172	10.289	10.289	(0.900)	406877	76.8391	1400
*	41 Acenaphthene-d10	164	11.438	11.438	(1.000)	154119	40.0000	

Data File: S4A9434.D
Report Date: 31-Aug-2005 11:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
	42 Acenaphthene	153	11.489	11.490	(1.005)	350014	78.8132	1500
	44 4-Nitrophenol	109	11.645	11.645	(1.018)	137719	135.611	2500
	46 2,4-Dinitrotoluene	165	11.748	11.748	(1.027)	122091	76.0829	1400(Q)
$	53 2,4,6-Tribromophenol	330	12.628	12.628	(0.928)	93505	145.554	2700
	57 Pentachlorophenol	266	13.342	13.342	(0.980)	94473	151.432	2800
*	58 Phenanthrene-d10	188	13.611	13.611	(1.000)	244466	40.0000	
	64 Pyrene	202	15.505	15.505	(0.911)	674034	101.413	1900
$	65 Terphenyl-d14	244	15.671	15.671	(0.920)	486914	101.208	1900
*	69 Chrysene-d12	240	17.027	17.027	(1.000)	191424	40.0000	
	71 bis(2-Ethylhexyl)phthalate	149	16.954	16.954	(0.996)	15665	3.17466	59(a)
*	76 Perylene-d12	264	18.942	18.942	(1.000)	154207	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

9/31/05 AU

MIT

COLUMN ID:

Position #	Date
1	8/16/
2	
3	
4	
5	8/16/
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	

Acceptance Criteria: C

Reviewed by

Logbook ID 50.01 #7

1716

OGBOOK

TION VOLUME:

ents

REORDER# 8377-01

0 10 20 30 40 50 60 70 80 90 100

100 90 80 70 60 50 40 30 20 10 0

5.04 ~/mi.

MITK

COLUMN ID: 4

Position #	Date
1	8/04/04
2	
3	
4	
5	8/04/04
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	

Acceptance Criteria:

Reviewed by

Logbook ID 50

1717

GBOOK

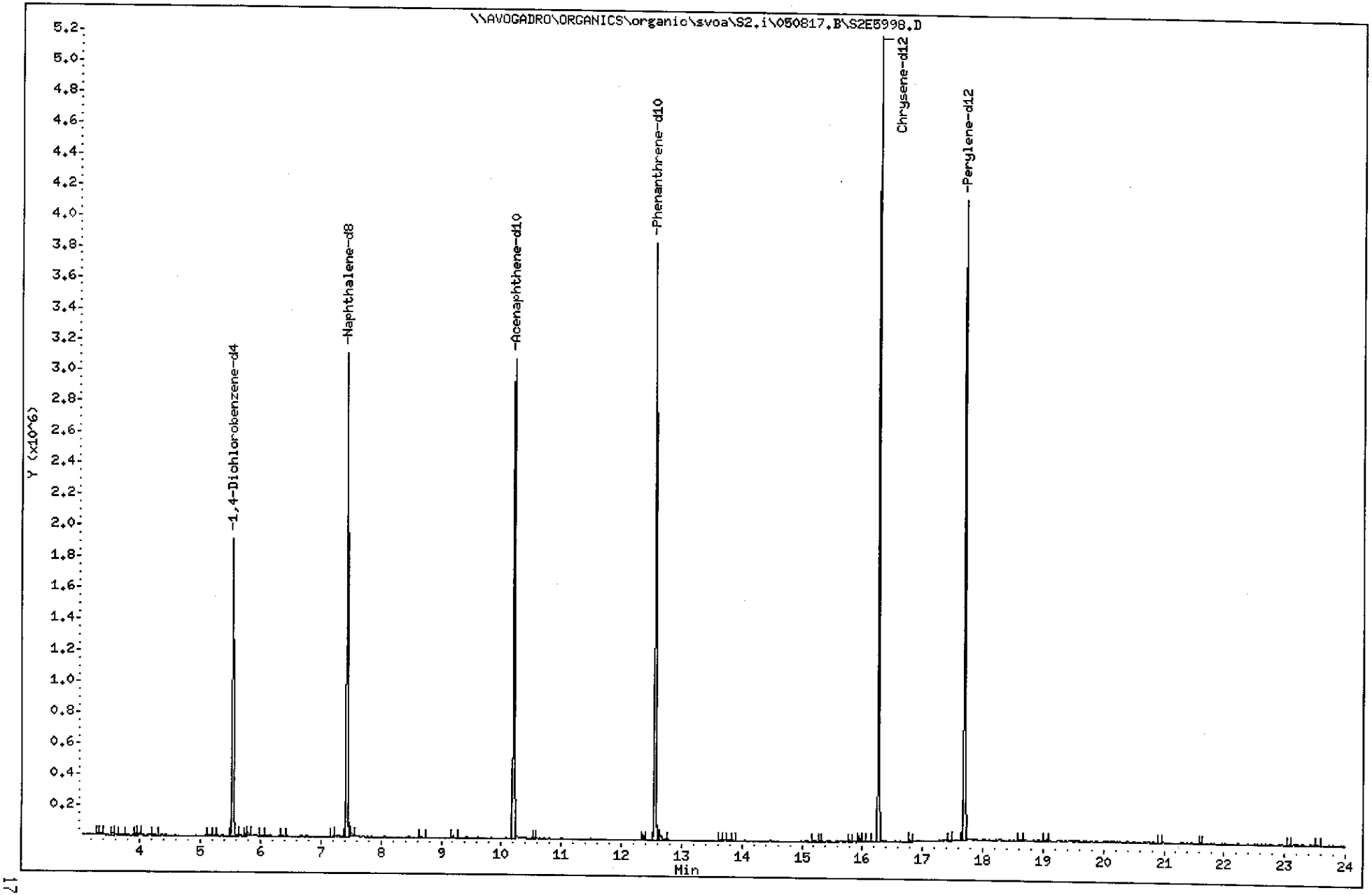
ON VOLUME: 5

its

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S2.i\050817.B\S2E5998.D
Date : 17-AUG-2005 11:56
Client ID: SP1-050816
Sample Info: GPC CHECK,SP1-050816
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S2.i

Operator: AW SRC: AW
Column diameter: 0.25



Data File: S2E5998.D
Report Date: 18-Aug-2005 12:56

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S2.i\050817.B\S2E5998.D
Lab Smp Id: GPCCHECK Client Smp ID: SP1-050816
Inj Date : 17-AUG-2005 11:56
Operator : AW SRC: AW Inst ID: S2.i
Smp Info : GPC CHECK,SP1-050816
Misc Info : SP1-050816
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S2.i\050817.B\s2_olm4_2_S.m
Meth Date : 17-Aug-2005 11:17 mtl Quant Type: ISTD
Cal Date : 17-AUG-2005 10:51 Cal File: S2E5996.D
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.000	% Moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
* 8 1,4-Dichlorobenzene-d4	152	5.533	5.523	(1.000)	480390	40.0000	
* 23 Naphthalene-d8	136	7.437	7.437	(1.000)	1896495	40.0000	
* 41 Acenaphthene-d10	164	10.207	10.207	(1.000)	1082559	40.0000	
* 58 Phenanthrene-d10	188	12.565	12.565	(1.000)	1949355	40.0000	
* 69 Chrysene-d12	240	16.276	16.287	(1.000)	2003660	40.0000	
* 76 Perylene-d12	264	17.704	17.704	(1.000)	1920508	40.0000	

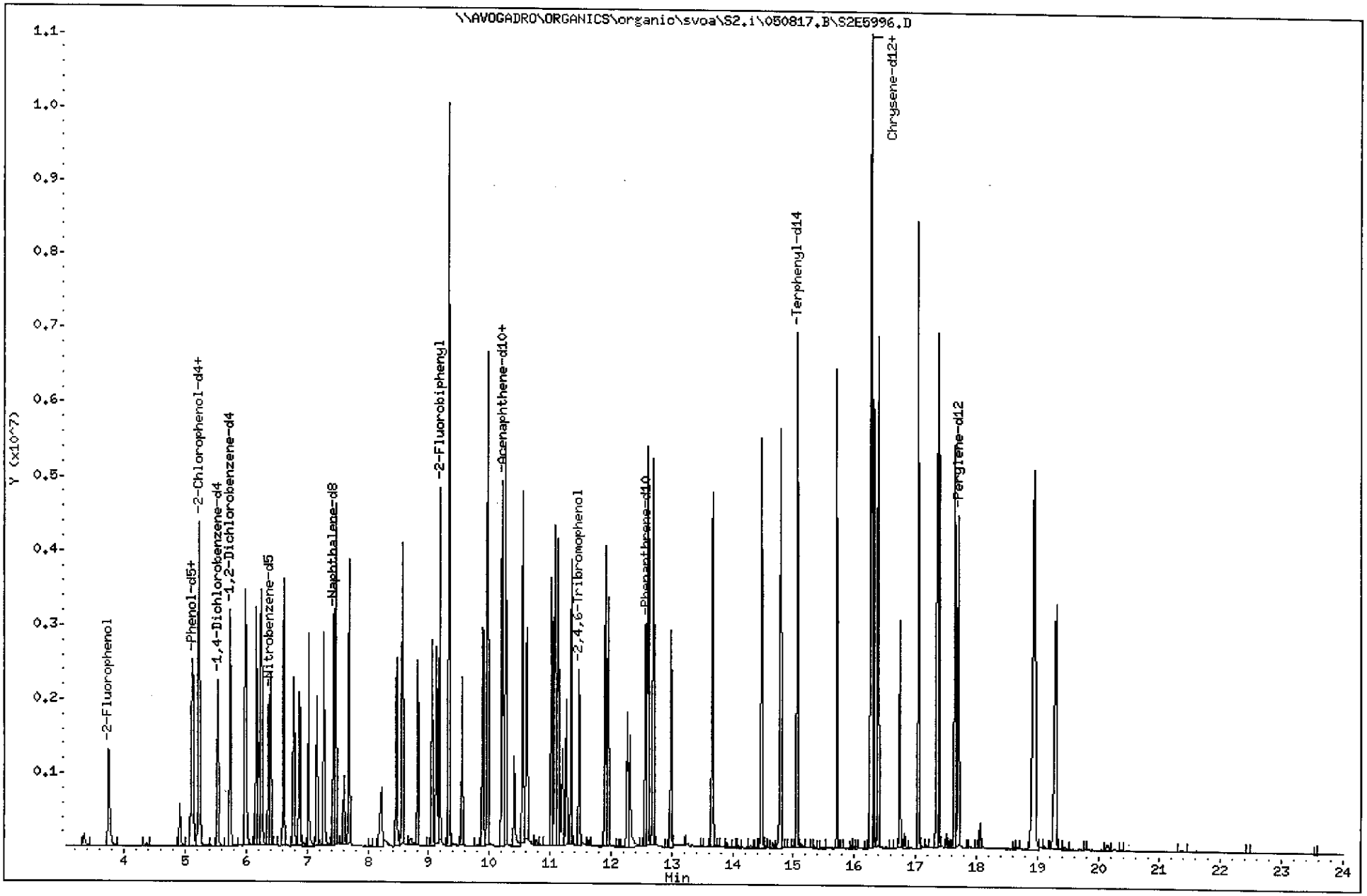
09/01/05
AW

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S2.i\050817.B\S2E5996.D
Date : 17-AUG-2005 10:51
Client ID: SSTD0502Q
Sample Info: SSTD0502Q,SSTD0502Q

Instrument: S2.i

Operator: AW SRC: AW
Column diameter: 0.25

Column phase: DB-5MS



Data File: S2E5996.D
Report Date: 22-Aug-2005 15:19

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S2.i\050817.B\S2E5996.D
Lab Smp Id: SSTD0502Q Client Smp ID: SSTD0502Q
Inj Date : 17-AUG-2005 10:51
Operator : AW SRC: AW Inst ID: S2.i
Smp Info : SSTD0502Q,SSTD0502Q
Misc Info : 1,2,,3 | OLM
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S2.i\050817.B\s2_olm4_2_S.m
Meth Date : 17-Aug-2005 11:17 mtl Quant Type: ISTD
Cal Date : 17-AUG-2005 10:51 Cal File: S2E5996.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	1 2-Fluorophenol	112	3.738	3.738	(0.677)	878089	50.0000	52
	2 Benzaldehyde	77	4.917	4.917	(0.890)	177318	50.0000	25
$	3 Phenol-d5	99	5.101	5.101	(0.924)	1087850	50.0000	47
	4 Phenol	94	5.122	5.122	(0.928)	1098659	50.0000	48
	5 bis(2-Chloroethyl)Ether	93	5.209	5.209	(0.943)	773465	50.0000	44
$	6 2-Chlorophenol-d4	132	5.209	5.209	(0.943)	1048126	50.0000	58
	7 2-Chlorophenol	128	5.231	5.231	(0.947)	959946	50.0000	55
*	8 1,4-Dichlorobenzene-d4	152	5.523	5.523	(1.000)	533864	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	5.739	5.739	(1.039)	662171	50.0000	52
	10 2-Methylphenol	108	5.988	5.988	(1.084)	829175	50.0000	52
	11 2,2'-oxybis(1-Chloropropane)	45	5.988	5.988	(1.084)	1046411	50.0000	35
	12 Acetophenone	105	6.161	6.161	(1.116)	1243936	50.0000	45
	13 4-Methylphenol	108	6.226	6.226	(1.127)	901867	50.0000	51
	14 N-Nitroso-di-n-propylamine	70	6.193	6.193	(1.121)	413109	50.0000	52
	15 Hexachloroethane	117	6.247	6.247	(1.131)	449011	50.0000	55
$	16 Nitrobenzene-d5	82	6.377	6.377	(0.857)	1000408	50.0000	46
	17 Nitrobenzene	77	6.399	6.399	(0.860)	900792	50.0000	45
	18 Isophorone	82	6.788	6.788	(0.913)	1555410	50.0000	41
	19 2-Nitrophenol	139	6.886	6.886	(0.926)	573544	50.0000	54
	20 2,4-Dimethylphenol	107	7.026	7.026	(0.945)	893638	50.0000	62
	21 bis(2-Chloroethoxy)methane	93	7.156	7.156	(0.962)	1028402	50.0000	43
	22 2,4-Dichlorophenol	162	7.275	7.275	(0.978)	839853	50.0000	51
*	23 Naphthalene-d8	136	7.437	7.437	(1.000)	2050352	40.0000	
	24 Naphthalene	128	7.470	7.470	(1.004)	2748151	50.0000	53
	25 4-Chloroaniline	127	7.600	7.600	(1.022)	459991	50.0000	40
	26 Hexachlorobutadiene	225	7.686	7.686	(1.033)	543588	50.0000	58

Data File: S2E5996.D
Report Date: 22-Aug-2005 15:19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	27 Caprolactam	113	8.227	8.227	(1.106)	229798	50.0000	41
	28 4-Chloro-3-Methylphenol	107	8.465	8.465	(1.138)	859985	50.0000	48
	29 2-Methylnaphthalene	142	8.563	8.563	(1.151)	1815367	50.0000	53
	30 Hexachlorocyclopentadiene	237	8.811	8.811	(0.863)	538521	50.0000	70
	31 2,4,6-Trichlorophenol	196	9.060	9.060	(0.888)	601739	50.0000	63
	32 2,4,5-Trichlorophenol	196	9.125	9.125	(0.894)	694477	50.0000	57
$	33 2-Fluorobiphenyl	172	9.190	9.190	(0.900)	2195529	50.0000	55
	34 1,1'-Biphenyl	154	9.331	9.331	(0.914)	2203002	50.0000	53
	35 2-Chloronaphthalene	162	9.331	9.331	(0.914)	1845326	50.0000	55
	36 2-Nitroaniline	65	9.547	9.547	(0.935)	515243	50.0000	45
	37 Dimethylphthalate	163	9.893	9.893	(0.969)	2242878	50.0000	52
	38 2,6-Dinitrotoluene	165	9.969	9.969	(0.977)	526365	50.0000	51
	39 Acenaphthylene	152	9.980	9.980	(0.978)	2849282	50.0000	56
	40 3-Nitroaniline	138	10.218	10.218	(1.001)	450898	50.0000	53
*	41 Acenaphthene-d10	164	10.207	10.207	(1.000)	1167873	40.0000	
	42 Acenaphthene	153	10.261	10.261	(1.005)	1804051	50.0000	54
	43 2,4-Dinitrophenol	184	10.402	10.402	(1.019)	340307	50.0000	58
	44 4-Nitrophenol	109	10.596	10.596	(1.038)	341913	50.0000	53
	45 Dibenzofuran	168	10.542	10.542	(1.033)	2688730	50.0000	54
	46 2,4-Dinitrotoluene	165	10.607	10.607	(1.039)	747348	50.0000	51
	47 Diethylphthalate	149	11.029	11.029	(1.081)	2381188	50.0000	54
	48 Fluorene	166	11.094	11.094	(1.087)	2131522	50.0000	55
	49 4-Chlorophenyl-phenylether	204	11.137	11.137	(1.091)	1029018	50.0000	57
	50 4-Nitroaniline	138	11.202	11.202	(1.098)	406378	50.0000	64
	51 4,6-Dinitro-2-methylphenol	198	11.256	11.256	(0.889)	468906	50.0000	56
	52 N-Nitrosodiphenylamine	169	11.343	11.343	(0.896)	1327314	50.0000	48
$	53 2,4,6-Tribromophenol	330	11.483	11.483	(0.907)	457870	50.0000	66(H)
	54 4-Bromophenyl-phenylether	248	11.905	11.905	(0.940)	667613	50.0000	57(H)
	55 Hexachlorobenzene	284	11.949	11.949	(0.944)	725045	50.0000	60
	56 Atrazine	200	12.273	12.273	(0.969)	369422	50.0000	43(H)
	57 Pentachlorophenol	266	12.306	12.306	(0.972)	307803	50.0000	53
*	58 Phenanthrene-d10	188	12.565	12.565	(1.000)	2058936	40.0000	(H)
	59 Phenanthrene	178	12.609	12.609	(0.996)	3139980	50.0000	51(H)
	60 Anthracene	178	12.695	12.695	(1.003)	2976780	50.0000	51
	61 Carbazole	167	12.987	12.987	(1.026)	1817520	50.0000	47
	62 Di-n-butylphthalate	149	13.669	13.669	(1.079)	4342903	50.0000	51(H)
	63 Fluoranthene	202	14.480	14.480	(1.144)	3331313	50.0000	58
	64 Pyrene	202	14.794	14.794	(0.908)	3753257	50.0000	53
$	65 Terphenyl-d14	244	15.064	15.064	(0.925)	2613151	50.0000	49
	66 Butylbenzylphthalate	149	15.713	15.713	(0.965)	1924350	50.0000	43
	67 3,3'-Dichlorobenzidine	252	16.276	16.276	(0.999)	899832	50.0000	61
	68 Benzo(a)anthracene	228	16.265	16.265	(0.999)	3413071	50.0000	54
*	69 Chrysene-d12	240	16.287	16.287	(1.000)	2102426	40.0000	
	70 Chrysene	228	16.319	16.319	(1.002)	3730049	50.0000	62
	71 bis(2-Ethylhexyl)phthalate	149	16.384	16.384	(1.006)	2841806	50.0000	48
	72 Di-n-octylphthalate	149	17.044	17.044	(0.963)	5064482	50.0000	40
	73 Benzo(b)fluoranthene	252	17.358	17.358	(0.980)	4132267	50.0000	52

Data File: S2E5996.D
Report Date: 22-Aug-2005 15:19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	74 Benzo(k)fluoranthene	252	17.379	17.379	(0.982)	3916491	50.0000	55
	75 Benzo(a)pyrene	252	17.650	17.650	(0.997)	3218238	50.0000	53
*	76 Perylene-d12	264	17.704	17.704	(1.000)	1936950	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	18.937	18.937	(1.070)	4079529	50.0000	63
	78 Dibenzo(a,h)anthracene	278	18.970	18.970	(1.071)	3395891	50.0000	61
	79 Benzo(g,h,i)perylene	276	19.305	19.305	(1.090)	3290746	50.0000	64

QC Flag Legend

H - Operator selected an alternate compound hit.

09/01/05

LOGBOOK
JECTION VOLUME: 5 mL
:omments
OLUMN ID:
Pos
Date
23.0C
23.0C
PRINTED IN U.S.A.
GPC II DS0822 UV1
SYON: dump: 1900 catch: 2300
wash: 1000
PEST: dump: 2500 catch: 1700
wash: 1000
10-trace begin
Methoxyfen
Permethrin
Phenothrin
Cyhalothrin
Sulfur
Styrofoam resol
2300
1900
2400
1724
5.0 mL/min

MIT

COLUMN ID:	
Date	Position #
8/16	1
	2
	3
	4
8/16	5
	6
	7
	8
	9
	10
	11
	12
	13
	14
	15
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	17
	18
	19
	20
	21
	22
	23

Acceptance Criteria: C
Per

Reviewed by

Logbook ID 50.01 172

OGBOOK

TION VOLUME: T

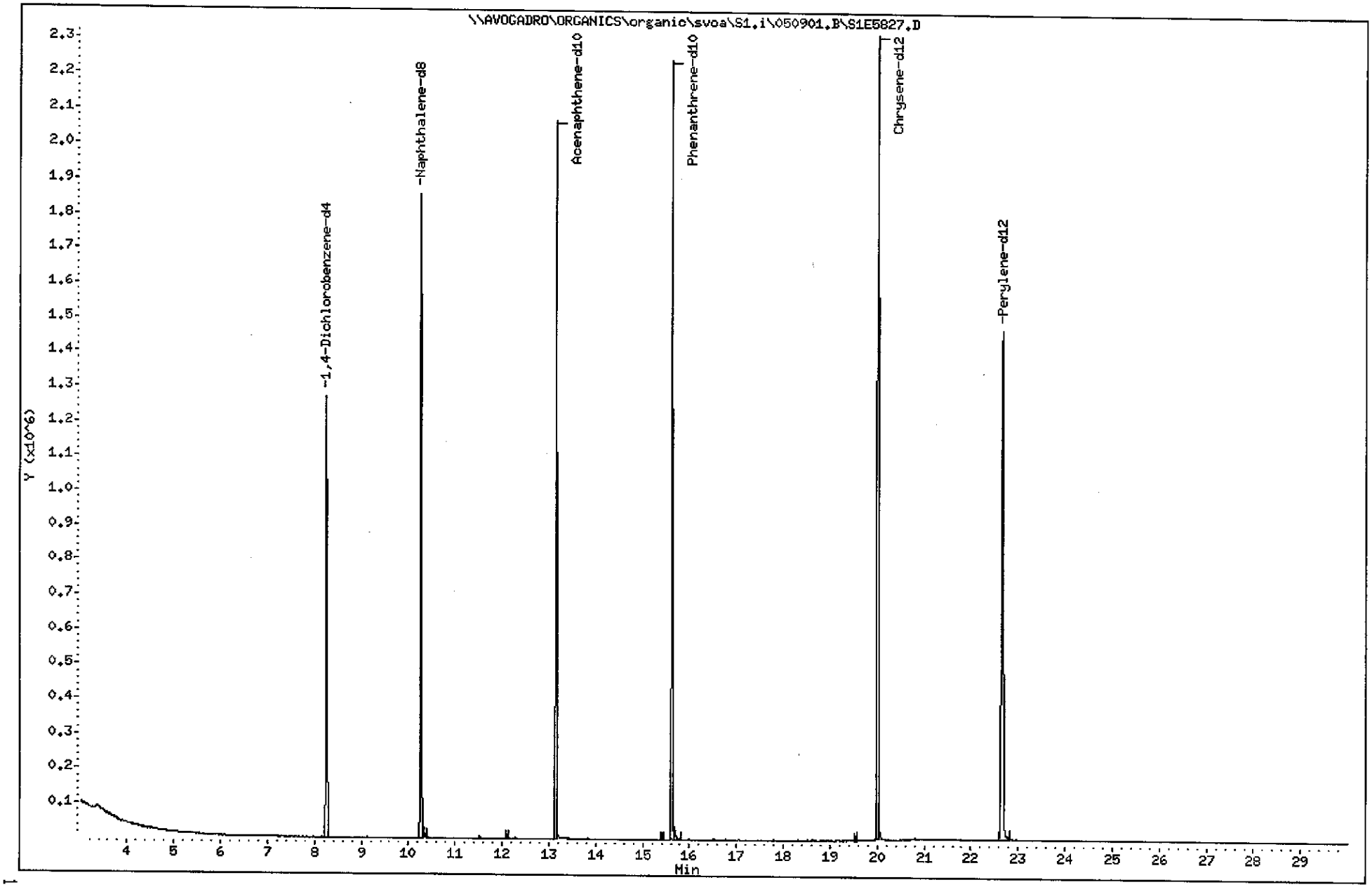
ents

5.04-Mic

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050901.B\S1E5827.D
Date : 01-SEP-2005 12:38
Client ID:
Sample Info: GPC-050823-SB1
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S1.i

Operator: AW/AJ SRC: AW/AJ
Column diameter: 0.25



1726

Data File: S1E5827.D
Report Date: 01-Sep-2005 15:44

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050901.B\S1E5827.D
Lab Smp Id: GPC-050823-SB1
Inj Date : 01-SEP-2005 12:38
Operator : AW/AJ SRC: AW/AJ Inst ID: S1.i
Smp Info : GPC-050823-SB1
Misc Info : GPC-050823-SB1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050901.B\s1_olm4_2_S.m
Meth Date : 01-Sep-2005 12:34 mtl Quant Type: ISTD
Cal Date : 01-SEP-2005 11:57 Cal File: S1E5826.D
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	2.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
* 8 1,4-Dichlorobenzene-d4	152	8.248	8.253	(1.000)	362703	40.0000	
* 23 Naphthalene-d8	136	10.258	10.262	(1.000)	1407102	40.0000	
* 41 Acenaphthene-d10	164	13.142	13.158	(1.000)	793299	40.0000	
* 58 Phenanthrene-d10	188	15.616	15.632	(1.000)	1378760	40.0000	
* 69 Chrysene-d12	240	20.013	20.029	(1.000)	1355593	40.0000	
* 76 Perylene-d12	264	22.671	22.675	(1.000)	1276279	40.0000	

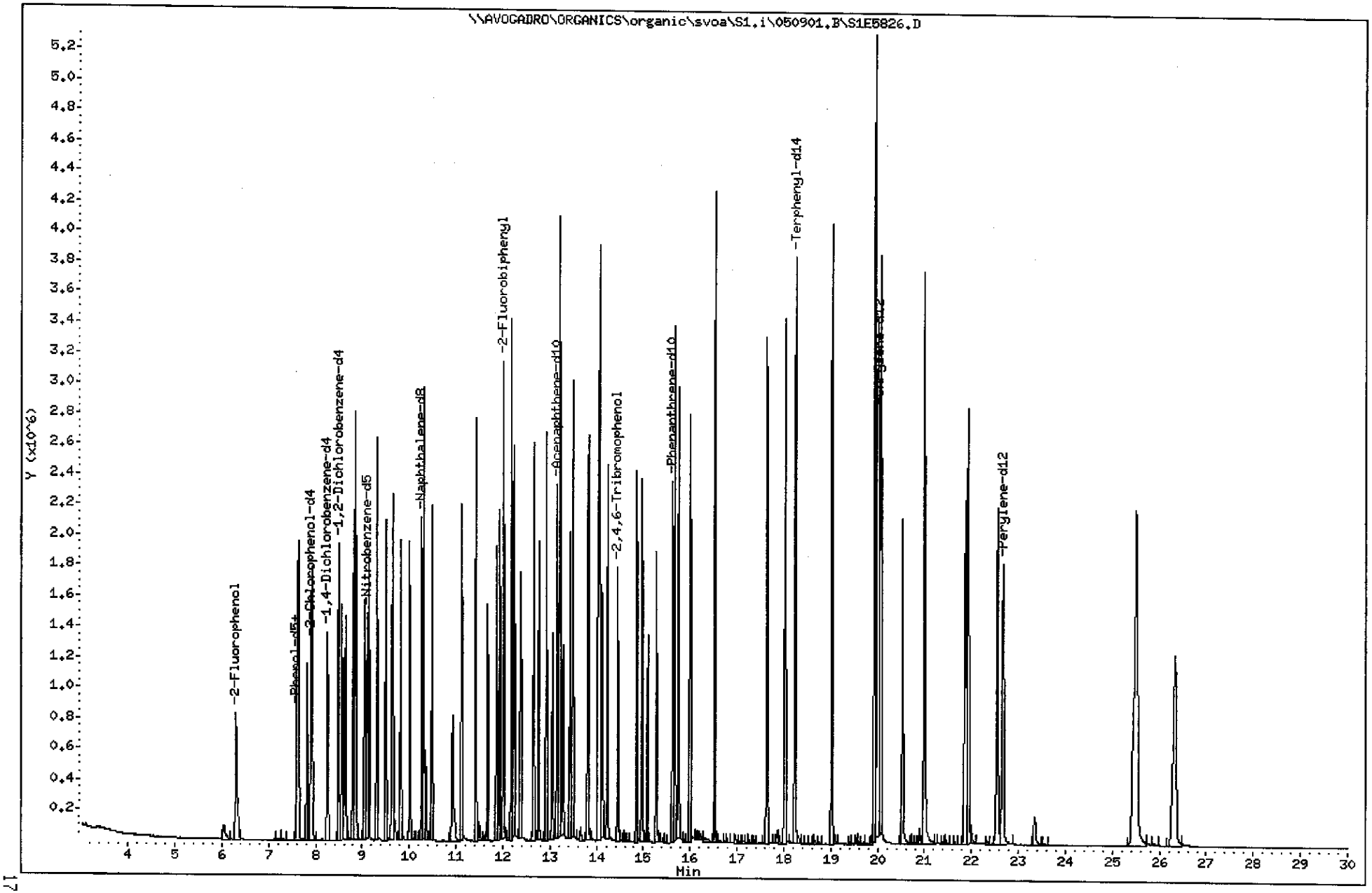
09/01/05
AJ

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050901.B\S1E5826.D
Date : 01-SEP-2005 11:57
Client ID: SSTD0501S
Sample Info: SSTD0501S,SSTD0501S

Instrument: S1.i

Operator: AW/AJ SRC: AW/AJ
Column diameter: 0.25

Column phase: DB-5MS



Data File: S1E5826.D
Report Date: 01-Sep-2005 12:34

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050901.B\S1E5826.D
Lab Smp Id: SSTD0501S Client Smp ID: SSTD0501S
Inj Date : 01-SEP-2005 11:57
Operator : AW/AJ SRC: AW/AJ Inst ID: S1.i
Smp Info : SSTD0501S,SSTD0501S
Misc Info : 2,3,SSTD050,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050901.B\s1_olm4_2_S.m
Meth Date : 01-Sep-2005 12:34 mtl Quant Type: ISTD
Cal Date : 01-SEP-2005 11:57 Cal File: S1E5826.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	1	2-Fluorophenol	112	6.297	6.297	(0.763)	728250	50.0000	50
	2	Benzaldehyde	77	7.594	7.594	(0.920)	98125	50.0000	40
$	3	Phenol-d5	99	7.604	7.604	(0.921)	909827	50.0000	52
	4	Phenol	94	7.637	7.637	(0.925)	909180	50.0000	51
	5	bis(2-Chloroethyl)Ether	93	7.810	7.810	(0.946)	743004	50.0000	52
$	6	2-Chlorophenol-d4	132	7.896	7.896	(0.957)	764544	50.0000	49
	7	2-Chlorophenol	128	7.929	7.929	(0.961)	734916	50.0000	51
*	8	1,4-Dichlorobenzene-d4	152	8.253	8.253	(1.000)	408199	40.0000	
$	9	1,2-Dichlorobenzene-d4	152	8.490	8.490	(1.029)	516569	50.0000	52
	10	2-Methylphenol	108	8.566	8.566	(1.038)	649954	50.0000	49
	11	2,2'-oxybis(1-Chloropropane)	45	8.631	8.631	(1.046)	948872	50.0000	50
	12	Acetophenone	105	8.858	8.858	(1.073)	992720	50.0000	50
	13	4-Methylphenol	108	8.804	8.804	(1.067)	702099	50.0000	49
	14	N-Nitroso-di-n-propylamine	70	8.847	8.847	(1.072)	523326	50.0000	51
	15	Hexachloroethane	117	9.052	9.052	(1.097)	339286	50.0000	51
$	16	Nitrobenzene-d5	82	9.106	9.106	(0.887)	815227	50.0000	46
	17	Nitrobenzene	77	9.139	9.139	(0.891)	792455	50.0000	50
	18	Isophorone	82	9.506	9.506	(0.926)	1485661	50.0000	49
	19	2-Nitrophenol	139	9.636	9.636	(0.939)	430693	50.0000	49
	20	2,4-Dimethylphenol	107	9.646	9.646	(0.940)	577400	50.0000	42
	21	bis(2-Chloroethoxy)methane	93	9.819	9.819	(0.957)	932842	50.0000	51
	22	2,4-Dichlorophenol	162	10.003	10.003	(0.975)	622519	50.0000	49
*	23	Naphthalene-d8	136	10.262	10.262	(1.000)	1663037	40.0000	
	24	Naphthalene	128	10.305	10.305	(1.004)	2122872	50.0000	50
	25	4-Chloroaniline	127	10.349	10.349	(1.008)	266757	50.0000	55
	26	Hexachlorobutadiene	225	10.478	10.478	(1.021)	366152	50.0000	47

Data File: S1E5826.D
Report Date: 01-Sep-2005 12:34

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	27 Caprolactam	113	10.943	10.943	(1.066)	316257	50.0000	52
	28 4-Chloro-3-Methylphenol	107	11.116	11.116	(1.083)	670077	50.0000	49
	29 2-Methylnaphthalene	142	11.418	11.418	(1.113)	1382209	50.0000	49
	30 Hexachlorocyclopentadiene	237	11.667	11.667	(0.887)	355348	50.0000	48
	31 2,4,6-Trichlorophenol	196	11.872	11.872	(0.902)	456115	50.0000	50
	32 2,4,5-Trichlorophenol	196	11.926	11.926	(0.906)	516414	50.0000	52
$	33 2-Fluorobiphenyl	172	12.012	12.012	(0.913)	1527388	50.0000	50
	34 1,1'-Biphenyl	154	12.185	12.185	(0.926)	1585586	50.0000	50
	35 2-Chloronaphthalene	162	12.239	12.239	(0.930)	1306973	50.0000	52
	36 2-Nitroaniline	65	12.380	12.380	(0.941)	435959	50.0000	52
	37 Dimethylphthalate	163	12.661	12.661	(0.962)	1613525	50.0000	49
	38 2,6-Dinitrotoluene	165	12.769	12.769	(0.970)	427096	50.0000	53
	39 Acenaphthylene	152	12.920	12.920	(0.982)	1987872	50.0000	49
	40 3-Nitroaniline	138	13.060	13.060	(0.993)	400491	50.0000	51
*	41 Acenaphthene-d10	164	13.158	13.158	(1.000)	897567	40.0000	
	42 Acenaphthene	153	13.212	13.212	(1.004)	1226674	50.0000	50
	43 2,4-Dinitrophenol	184	13.222	13.222	(1.005)	249507	50.0000	58
	44 4-Nitrophenol	109	13.287	13.287	(1.010)	249834	50.0000	51
	45 Dibenzofuran	168	13.492	13.492	(1.025)	1873799	50.0000	51
	46 2,4-Dinitrotoluene	165	13.438	13.438	(1.021)	583857	50.0000	54
	47 Diethylphthalate	149	13.827	13.827	(1.051)	1723825	50.0000	50
	48 Fluorene	166	14.065	14.065	(1.069)	1415983	50.0000	48
	49 4-Chlorophenyl-phenylether	204	14.043	14.043	(1.067)	730732	50.0000	47
	50 4-Nitroaniline	138	14.076	14.076	(1.070)	416062	50.0000	52
	51 4,6-Dinitro-2-methylphenol	198	14.119	14.119	(0.903)	379802	50.0000	53
	52 N-Nitrosodiphenylamine	169	14.227	14.227	(0.910)	958598	50.0000	48
$	53 2,4,6-Tribromophenol	330	14.454	14.454	(0.925)	345208	50.0000	47
	54 4-Bromophenyl-phenylether	248	14.854	14.854	(0.950)	458851	50.0000	47
	55 Hexachlorobenzene	284	14.973	14.973	(0.958)	524268	50.0000	46
	56 Atrazine	200	15.091	15.091	(0.965)	212105	50.0000	51
	57 Pentachlorophenol	266	15.286	15.286	(0.978)	358070	50.0000	48
*	58 Phenanthrene-d10	188	15.632	15.632	(1.000)	1583112	40.0000	
	59 Phenanthrene	178	15.675	15.675	(1.003)	2215118	50.0000	48
	60 Anthracene	178	15.750	15.750	(1.008)	2173426	50.0000	51
	61 Carbazole	167	15.999	15.999	(1.023)	1860621	50.0000	48
	62 Di-n-butylphthalate	149	16.528	16.528	(1.057)	3179752	50.0000	48
	63 Fluoranthene	202	17.641	17.641	(1.129)	2367063	50.0000	50
	64 Pyrene	202	18.030	18.030	(0.900)	2414983	50.0000	44
$	65 Terphenyl-d14	244	18.246	18.246	(0.911)	1844553	50.0000	45
	66 Butylbenzylphthalate	149	19.024	19.024	(0.950)	1459875	50.0000	47
	67 3,3'-Dichlorobenzidine	252	19.931	19.931	(0.995)	549138	50.0000	51
	68 Benzo(a)anthracene	228	20.007	20.007	(0.999)	2338839	50.0000	49
*	69 Chrysene-d12	240	20.029	20.029	(1.000)	1451319	40.0000	
	70 Chrysene	228	20.072	20.072	(1.002)	2096655	50.0000	44
	71 bis(2-Ethylhexyl)phthalate	149	19.942	19.942	(0.996)	1984953	50.0000	46
	72 Di-n-octylphthalate	149	21.001	21.001	(0.926)	3522956	50.0000	43
	73 Benzo(b)fluoranthene	252	21.876	21.876	(0.965)	2447823	50.0000	45

Data File: S1E5826.D
Report Date: 01-Sep-2005 12:34

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
74 Benzo(k)fluoranthene	252	21.930	21.930	(0.967)	2692082	50.0000	47
75 Benzo(a)pyrene	252	22.557	22.557	(0.995)	2251470	50.0000	49
* 76 Perylene-d12	264	22.675	22.675	(1.000)	1452309	40.0000	
77 Indeno(1,2,3-cd)pyrene	276	25.474	25.474	(1.123)	2654741	50.0000	53
78 Dibenzo(a,h)anthracene	278	25.517	25.517	(1.125)	2220899	50.0000	53
79 Benzo(g,h,i)perylene	276	26.338	26.338	(1.162)	2272524	50.0000	55

29/04/05
TU

Sample Receiving Logbook

Workorder No. D0926

Client Name: E - E

Date Recv'd 8/9/05 **Sample #s** 01 - 03 **Storage Locations:** VOA, A5

Date Recv'd 8/9/05 8/10/05 **Sample #s** 01 → 09 **Storage Locations:** VOA, A5

Date Recv'd 8/11/05 **Sample #s** 10 → 20 **Storage Locations:** VOA, A5

Date Recv'd _____ **Sample #s** _____ **Storage Locations:** _____

Date Recv'd _____ **Sample #s** _____ **Storage Locations:** _____

Date Recv'd _____ **Sample #s** _____ **Storage Locations:** _____

OUT		IN	
Relinquished By	**Received By**	**Relinquished By**	**Received By**
Date: 8/11/05 Init: AL	Date: 8/11/05 Init: AL	Date: Init:	Date: Init:
Samp. #s 1 - 9			
Date: 8/15/05 Init: JS	Date: 8/15/05 Init: MA	Date: 8/15/05 Init: JS	Date: 8/17/05 Init: MA
Samp. #s 01 - 11 ; 13 - 20		01 - 11 ; 13 - 20	
Date: 8/15 Init: AL	Date: 8/15 Init: AL	Date: 8/17 Init: AL	Date: 8/17 Init: AL
Samp. #s 10 - 20		10 - 20	
Date: 8/17 Init: AL	Date: 8/17 Init: AL	Date: Init:	Date: Init:
Samp. #s 1 - 14 B		BV 8/18/05	
Date: 8/17 Init: AL	Date: 8/17 Init: AL	Date: ~~8/18/05~~ Init: ~~BV~~	Date: Init:
Samp. #s 1A - 20A			
Date: 8/18/05 Init: BV	Date: 8/18/05 Init: KB	Date: 8/18/05 Init: BV	Date: 8/18/05 Init: SA
Samp. #s 1 - 7 - 20		1 - 20	
Date: 8/25/05 Init: BV	Date: 8/25/05 Init: SA	Date: 8/25/05 Init: BV	Date: 8/25/05 Init: BV
Samp. #s 1 - 7, 8 - 20		1 - 20	
Date: 8/26/05 Init: JS	Date: 8/26/05 Init: BA	Date: 8/26/05 Init: JS	Date: 8/26/05 Init: BA
Samp. #s 7		7	

Comments: _____

Please record analyst's initials, date, and sample #s removed. Add any comments if necessary (broken bottles, empty jars, etc.)

Logbook ID: 30.0287-07/05 **Reviewed:** SBL 9/1/05

1732

Percent Moisture and Percent Solids Report

Mitkem Sample ID	Client Sample ID	Analyzed	Percent Moisture	Percent Solids	Validated
D0926-01A	OTMI-SD03-S-O	08/11/2005	70	30	Yes
D0926-02A	OTMI-SD02-S-O	08/11/2005	79	21	Yes
D0926-03A	OTMI-SD02-S-D	08/11/2005	78	22	Yes
D0926-04A	OTMI-SD12-S-O	08/11/2005	63	37	Yes
D0926-05A	OTMI-SD01-S-O	08/11/2005	72	28	Yes
D0926-06A	OTMI-SD07-S-O	08/11/2005	48	52	Yes
D0926-07A	OTMI-SD07-S-M	08/11/2005	47	53	Yes
D0926-08A	OTMI-SD05-S-O	08/11/2005	76	24	Yes
D0926-09A	OTMI-SD06-S-O	08/11/2005	55	45	Yes
D0926-10A	OTMI-SD09-S-O	08/15/2005	40	60	Yes
D0926-11A	OTMI-SD08-S-O	08/15/2005	69	31	Yes
D0926-12A	OTMI-SD10-S-O	08/15/2005	50	50	Yes
D0926-13A	OTMI-SD11-S-O	08/15/2005	81	19	Yes
D0926-14A	OTMI-SD04-S-O	08/15/2005	71	29	Yes
D0926-15A	OTMI-SS02-S-O	08/15/2005	10	90	Yes
D0926-16A	OTMI-SS03-S-O	08/15/2005	14	86	Yes
D0926-17A	OTMI-SS05-S-O	08/15/2005	13	87	Yes
D0926-18A	OTMI-SS10-S-O	08/15/2005	12	88	Yes
D0926-19A	OTMI-SS11-S-M	08/15/2005	11	89	Yes
D0926-20A	OTMI-SS10-S-D	08/15/2005	12	88	Yes

MITKEM CORPORATION **pH Determination Logbook**

pH Meter:

Date	Sample ID		pH Reading	Buffer IDs	Comments	Analyst
8/17/05	pH 4.0		4.01	IWP050227B	2 After Calibration	AL
	pH 10.0		10.01	IWP050227C	3	
	pH 7.0		7.00	IWP040413B		
	D0426	01A	6.62			
		02A	6.91			
		03A	7.00			
		04A	6.45			
		05A	4.54			
		06A	6.79			
		07A	6.84			
		08A	7.37			
		09A	7.35			
		10A	6.14			
		11A	5.90			
		12A	5.66			
		13A	7.35			
		14A	7.14			
		15A	6.52			
		16A	6.31			
		17A	6.42			
		18A	6.00			
		19A	5.69			
↓	D0426	20A	5.81			↓
8/17/05	pH 7.0		7.00			AL

pH LCS (Buffer 7.00) Acceptance Criteria:
±0.05 S.U.
Frequency: at least every 20 samples

Calibration Check Criteria:
pH Buffer: 4.00±0.05 S.U.
10.00+0.05 S.U.
7.00+0.05 S.U.

Logbook ID: 30.0210-03/05

Reviewed by _____

Page #: 0031

Level 1 QA Review _____

Data Entry to LIMS 8/31/05

Level 2 QA Review SBL 9/1/05

1734

MITKEM CORPORATION: ORGANIC PREP - CLP Semvolatiles

Date 8.15.05	Analysis OLM4.2		Method & SOP #	AQ: 3510C(SepF) 3520C(Liq/Liq) Other:_____ Soil: 3540C(Soxhlet) 3550B(Sonic)					Sample Matrix Aqueous (Soil) Other:		Project(s) D0926					
Blank ID 19468	LCS ID 19468		Analyst: MM	Spiker: MM	Witness: BA	Solvent Lot # B22E52			Acid Lot # —		Time Started: 11:00 Time Ended: 15:00		GPC Batch # —				
Lab ID	Client ID	Wt/Vol Extracted	Surrogate Added	Matrix Spike Added	Initial pH	KD prior to GPC Date/Analyst		Vol. pre GPC	GPC Date/Analyst		KD after GPC Date/Analyst		Final Vol.	Date Ext. Trans.			
MB 19468		30.0	OSN 050630A 500µl	—	~7	8.18.05	MM	10 ml	8.23.05	MM	8.24.05	MM	0.5 ml	8.24.05			
LCS 19468		30.0		OSN 050714B 500µl													
D0926	01A	30.0															
	02A	30.0						10 ml					0.5 ml				
	03A	30.0						5 ml (of 10 ml)					0.25 ml				
	04A	30.0						10 ml		SBL 9/1/05			0.5 ml				
	05A	30.0															
	06A	30.0															
	07A	30.0															
	07A MS	30.0		OSN 050714B 500µl													
	07A MSD	30.0		OSN 050714B 500µl													
	08A	30.0															
	09A	30.1															
	10A	30.0															
	11A	30.0															
	12A	30.1															
	13A	30.0															
	14A	30.0															
D0926	15A	30.0	OSN 050630A 500µl	—	~7	8.18.05	MM	10 ml	8.23.05	MM	8.24.05	MM	0.5 ml	8.24.05			

Comments

Sodium Sulfate Lot #: OR 050823 B

Water Bath Temperature:

Sonicator Tuned: (Yes) / No

SAMPLE D0926-03A was split .5ml of the extract was diluted to 10 ml and put on GPC -> Fv = 250µl ∴ will not change GPC factor

Reviewed By: SBL 9/1/05 jfs 08/26/05

1735

Logbook ID: 50.0173-07/05

MITKEM CORPORATION: ORGANIC PREP - CLP Semvolatiles

Date	Analysis	Method & SOP #	AQ: 3510C(SepF) 3520C(Liq/Liq) Other:_____ Soil: 3540C(Soxhlet) 3550B(Sonic)	Sample Matrix: Aqueous (Soil) Other:	Project(s)
8.15.05	OLM4.2				D0926

Blank ID	LCS ID	Analyst:	Spiker:	Witness:	Solvent Lot #	Acid Lot #	Time Started: 7:00 Time Ended: 15:00	GPC Batch #
19468	19468	mm	mm	BA	B22E52	—		—

Lab ID	Client ID	Wt/Vol Extracted	Surrogate Added	Matrix Spike Added	Initial pH	KD prior to GPC Date/Analyst		Vol. pre GPC	GPC Date/Analyst		KD after GPC Date/Analyst		Final Vol.	Date Ext. Trans.
D0926	16A	30.1	OSU 050630A 500µL	—	~7	8.18.05	mm	10 mL	8.23.05	mm	8.24.05	mm	0.5 mL	8.24.05
	17A	30.0		8.15.05										
	18A	30.0												
	19A	30.0												
	19A MS	30.0		OSU 050714B 500µL										
	19A MSD	30.0		OSU 050714B 500µL	~7									
D0926	20A	30.0	OSU 050630A 500µL	—	~7	8.18.05	mm	10 mL	8.23.05	mm	8.24.05	mm	0.5 mL	8.24.05

8.15.05 mm

Comments

Sodium Sulfate Lot #: OSU 050823B

Water Bath Temperature:

Sonicator Tuned: (Yes) / No

Reviewed By: SLL 9/1/05

MITKEM CORPORATION: ORGANIC PREP - CLP Semvolatiles

Date 8/26/05	Analysis OLM SVOA		Method & SOP #	AQ: 3510C(SepF) 3520C(Liq/Liq) Other: Soil: 3540C(Soxhlet) ~~3550B(Sonic)~~				Sample Matrix Aqueous (Soil) Other:		Project(s) D0926, D0978, D0986							
Blank ID 19676	LCS ID 19676		Analyst: BA	Spiker: BA	Witness: KG		Solvent Lot # B22E52 1:1	Acid Lot # —		Time Started: 9:00 Time Ended:		GPC Batch #					
Lab ID	Client ID	(Wt)/Vol Extracted	Surrogate Added	Matrix Spike Added	Initial pH	KD prior to GPC Date/Analyst		Vol. pre GPC	GPC Date/Analyst		KD after GPC Date/Analyst		Final Vol.	Date Ext. Trans.			
MB-19676		30.0	OSW050301B 500 uL	—	—	08/29/05	SR	10 ml	08/29/05	JS	08/29/05	VG	½ ml	08/29/05			
LCS-19676		30.0	↓	OSW050714B 500 uL	—	08/29/05	SR	10 ml	08/29/05	JS	08/29/05	VG	½ ml	08/29/05			
D0978	01A	30.0		—	—												
D0978	02A	30.1		—	—						09/01/05 AU						
D0986	06C	30.0		—	—												
D0926	07ARE	30.0		—	—	08/29/05	SR	10 ml	08/29/05	JS	08/29/05	VG	½ ml	08/29/05			
D0926	07AMSRE	30.0	↓	OSW050714B 500 uL	—	↓	↓	↓	↓	↓	↓	↓	↓	↓			
D0926	07AMSDRE	30.0	OSW050801B 500 uL	OSW050714B 500 uL	—	08/29/05	SR	10 ml	08/29/05	JS	08/29/05	VG	½ ml	08/29/05			
						08/29/05											

Comments

Sodium Sulfate Lot #:

Water Bath Temperature:

Sonicator Tuned: (Yes) / No

Reviewed By: SBL 9/01/05

Logbook ID: 50.0173-07/05

MITKEM CORPORATION: INSTRUMENT GPC 1 LOGBOOK

COLUMN ID: 5-X5-A12				DATE CALIBRATED: 8/16/15		INJECTION VOLUME: 5 mL
Date	Position #	Project ID	Sample ID	Analysis	Analyst	Comments
8/16/15	1	050816	WV1	GPC Col	JS	
	2	"	SD1	GPC Check	"	
	3	"	PB1	✓	"	
	4	"	PHS1	✓	"	
8/16/15	5	OJ0816	AR-CL	GPC Check	JS	
	6					
	7					
	8					
	9					
	10					
	11					
	12			JS 8/16/15		
	13					
	14					
	15					
	16					
	17					
	18					
	19					
	20					
	21					
	22					
	23					

Acceptance Criteria: Corn oil & phthalate peaks > 85.0% resolution
Phthalate & methoxyclor peaks > 85.0% resolution
Methoxychlor & perylene peaks > 85.0% resolution
Perylene & sulfur peaks: No saturation & > 90.0% baseline resolution

Flow Rate: 5.04 mL/min

Reviewed by _____

MITKEM CORPORATION: INSTRUMENT GPC 1 LOGBOOK

COLUMN ID: 5.X3-A12				DATE CALIBRATED: 8/16/5		INJECTION VOLUME: 5
Date	Position #	Project ID	Sample ID	Analysis	Analyst	Comments
8/21/5	1	MB 19468		OLM 5VOA	MM	
	2	LCS 19468				
	3	D0926	01A			
	4		02A			
	5		03A			
	6		04A			
	7		05A			
	8		06A			
	9		07A			
	10		07A MS			
	11		07A MSD			
	12		08A			
	13		09A			
	14		10A			
	15		11A			
	16		12A			
	17		13A			
	18		14A			
	19		15A			
	20		16A			
	21		17A			
	22		18A			
8/21/5	23	D0926	19A	OLM 5VOA	MM	

Acceptance Criteria: Corn oil & phthalate peaks > 85.0% resolution
Phthalate & methoxyclor peaks > 85.0% resolution
Methoxychlor & perylene peaks > 85.0% resolution
Perylene & sulfur peaks: No saturation & > 90.0% baseline resolution

Flow Rate: 5-6 mL/min

Reviewed by _____

MITKEM CORPORATION: INSTRUMENT GPC 1 LOGBOOK

COLUMN ID: 5.X3.A12				DATE CALIBRATED: 8/16/15		INJECTION VOLUME: 5mL
Date	Position #	Project ID	Sample ID	Analysis	Analyst	Comments
8/22/15	1	DD926	19A MS	OLM SVOA	MM	
"	2	"	19A MSD	"	"	
8/22/15	3	DD926	20A	OLM SVOA	MM	
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12			8.23.05		
	13					
	14					
	15					
	16					
	17					
	18					
	19					
	20					
	21					
	22					
	23					

Acceptance Criteria: Corn oil & phthalate peaks > 85.0% resolution
Phthalate & methoxyclor peaks > 85.0% resolution
Methoxychlor & perylene peaks > 85.0% resolution
Perylene & sulfur peaks: No saturation & > 90.0% baseline resolution

Flow Rate: 5.04 ml/min

Reviewed by _____

MITKEM CORPORATION: INSTRUMENT GPC 1 LOGBOOK

COLUMN ID: S. X3. A12 | DATE CALIBRATED: 8.23.05 | INJECTION VOLUME:

Date	Position #	Project ID	Sample ID	Analysis	Analyst	Comments
8.23.05	1	050823	UV1	GPC cal.	mm	
↓	2	↓	SB1	GPC check	↓	
↓	3	↓	PB1	↓	↓	
↓	4	↓	PMS1	↓	↓	
8.23.05	5	050823	AVG1	GPC check	mm	
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					
	14					
	15					
	16					
	17					
	18					
	19					
	20					
	21					
	22					
	23					

8.23.05 mm

Acceptance Criteria: Corn oil & phthalate peaks > 85.0% resolution
Phthalate & methoxyclor peaks > 85.0% resolution
Methoxychlor & perylene peaks > 85.0% resolution
Perylene & sulfur peaks: No saturation & > 90.0% baseline resolution

Flow Rate: 5.04 ml/min

Reviewed by _____

MITKEM CORPORATION: INSTRUMENT GPC 1 LOGBOOK

COLUMN ID: S-XS-A 12				DATE CALIBRATED: 8.23.05		INJECTION VOLUME: 5 mL
MB 8/29/5 Date	Position #	Project ID	Sample ID	Analysis	Analyst	Comments
~~8/29/5~~ 8/29/5	1	MB 19676		OLM SVOA	TS	
8/29/5	2	LCS 19676		↓	↓	
	3	DD926	07A RE			
8/29/5	4	↓	07A MS RE	↓	↓	
~~8/30/5~~ 8/29/5	5	DD926	07A MSD RE	OLM SVOA	TS	
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					
	14			TS 2 8/31/5		
	15					
	16					
	17					
	18					
	19					
	20					
	21					
	22					
	23					

Acceptance Criteria: Corn oil & phthalate peaks > 85.0% resolution
Phthalate & methoxyclor peaks > 85.0% resolution
Methoxychlor & perylene peaks > 85.0% resolution
Perylene & sulfur peaks: No saturation & > 90.0% baseline resolution

Flow Rate: 5.04 mL/min

Reviewed by _____

MITKEM CORPORATION EXTRACT TRANSFER LOGBOOK: SEMIVOLATILE ANALYSIS

Date Transferred from Prep Lab	Lab ID		Transferred By	Received By	Storage Location	Comments
082405	D0992	03A	SR	AJ	R7	
		04A		U		
		05A		U		
		06A		U		
		07A		U		
	D0942	08A		U		
	D0969	02A		U		
082405	D0971	01A	SR	AJ	R7	
	MB19565			AJ	R7	
	LCS19565			U		
	LCSD 19565			U		
	D0967	01B		U		
		02B		U		
		03B		U		
		04B		U		
		05B		U		
	D0967	06B		U		
	D0952	01B		U		
		02B		U		
		03B		U		
		04B		U		
	D0952	05B		U		
	MB19506			U		
	LCS19506			U		
082405	LCSD19506		SR	AJ	R7	
8.24.05	MB 19468		mm	AJ	R7	
	LCS 19468			U	U	
	D0926	01A		U		
		02A		U		
		03A		U		
		04A		U		
		05A		U		
		06A		U		
8.24.05	D0926	07A	mm	U	R7	

Logbook ID 70.0141-08/05

Reviewed By: SBL 9/1/05

MITKEM CORPORATION EXTRACT TRANSFER LOGBOOK: SEMIVOLATILE ANALYSIS

Date Transferred from Prep Lab	Lab ID		Transferred By	Received By	Storage Location	Comments
8.24.05	D0926	07A MS	MM	✓	R7	
↓	↓	07A MSD	↓	✓	↓	
		08A		✓		
		09A		✓		
		10A		✓		
		11A		✓		
		12A		✓		
		13A		✓		
		14A		✓		
		15A		✓		
		16A		✓		
		17A		✓		
		18A		✓		
		19A		✓		
		19A MS		✓		
↓	↓	19A MSD	↓	✓	↓	
8.24.05	D0926	20A	MM	✓	R7	
08/25/05	MB-19612		VG	AJ	R7	
↓	LCS-19612		↓	✓	↓	
	LCSD-19612			✓		
	D0967	08B		✓		
	↓	09B		✓		
		10B		✓		
		11B		✓		
		12B		✓		
↓	↓	14B	↓	✓ ✓	↓	
08/25/05	D0967	15B	VG	AJ	R7	
8/25/05	$MeCl_2$	B29E13	BA	AJ	R7	
08/25/05	MB - OLM SVOA	GPC-3	VG			
↓	LCS - OLM SVOA	GPC-3	↓			
08/25/05	LCSD - OLM SVOA	GPC-3	VG			
8/26/05	MB19574		SR	AJ	R7	
↓	LCS19575		SR	✓ ✓	↓	
8/26/05	LCSD19575		SR	AJ	R7	

Logbook ID 70.0141-08/05

Reviewed By: SBL 9/1/05

MITKEM CORPORATION EXTRACT TRANSFER LOGBOOK: SEMIVOLATILE ANALYSIS

Date Transferred from Prep Lab	Lab ID		Transferred By	Received By	Storage Location	Comments
08/29/2005	00877	12A	KG	✓ AU	R7	
		13A		✓		
		14A		✓		
		15A		✓		
		16A		✓		
		17A		✓		
		18A		✓		
		19A		✓		
		20A		✓		
		20AMS		✓		
08/29/05	00977	20AMSD	KG	✓		
08/29/05	MB-19676		KG	AU	R7	
	LCS-19676			✓		
	00926	07APE		✓		
	↓	07AMSPE		✓		
08/29/05	00926	07AMSDPE	KG	✓ AU	R7	
08/30/05	MB-19730		KG			
	LCS-19730					
	LCSD-19730					
	00988	01A				
	↓	02A				
	00988	03A				
	01012	01A				
08/30/08	001020	01A	KG			
08/31/05	SB-050830	GPC 1	KG			
08/31/05	MB-19727		KG			
	LCS-19727					
	LCS-19727					
	01006	01A				
08/31/05	01009	03D	KG			

Logbook ID 70.0141-08/05

Reviewed By: SBL 9/1/05

1745

Instrument S4
Injection Log

Mitkem Corporation
SemiVolatiles Laboratory

METHOD: OLM + TA
INITIAL CAL: 08/19/05

STD ID: SW0508168 - June
SW0508160 - L2
SW0507258 - L5
SW0507188 - L1
SW0507208 - L3
SW0507180 - L4
SW0508198 - TA-L2
E - TA-L5
& SW0508194 - TA-L1

ANALYST: AW
EMV: 1341
DATE: 08/19/05
DATE PRINTED:
DATE LOADED:

COMMENTS:
IS - SP0508284

AS #	FILE		MITKEM ID		CLIENT ID	METHOD	DIL	COMMENTS	IS	SS
	S4A93	55	DFTPP	4P	DFTPP4P	DFTCP	-	Don't use		
		A 55	DFTPP	4P	DFTPP4P	DFTCP	-	OK		
		56	SSTD050	4P	SSTD0504P	CP	-	Don't use		
		A 56	SSTD050	4P	SSTD0504P	CP	-			
		57	SSTD160	4P	SSTD1604P	CP	-			
		58	SSTD020	4P	SSTD0204P	CP	←			
		59	SSTD080	4P	SSTD0804P		-	ICAL OLM + TA		
		60	SSTD120	4P	SSTD1204P		-			
		61	~~ICV TA~~	L2	08/22/05 AW ~~ICV~~ TA-L2		-			
		62	TA-L5		TA-L5		-			
		63	TA-L1		TA-L1		-			
		64	TA-L3		TA-L3		-			
		65	TA-L4		TA-L4	↓	-			
	S4A93	66	ICV		ICV	CP	-			

08/22/05 AW

Daily Maintenance	
Gold Seal	new
Liner	new
Clipped Column	
Ferrule	

Comments:
FOLDER 050819TA.B ICAL + TA
FOLDER 050819A.B Regular OLM ICAL
& SW0508196 - TAL3, SW0508190 - TAL4
OLM ICV - SW0507180F

Logbook ID 70.0193-04/05

Reviewed By: SBL

1746

Instrument S4
Injection Log

Mitkem Corporation
SemiVolatiles Laboratory

METHOD: OLM4.2 STD ID: SW0508168-hre ANALYST: AW

INITIAL CAL: 08/19/05 SW0508234-LE EMV: 1341

COMMENTS: IS - SP050802A DATE: 08/24/05

DATE PRINTED:

DATE LOADED:

Injection Log

Directory: O:\ORGANIC\SVOA\S4.i\050824.B

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	S4A.D	1. IS SPK			25 Aug 2005 08:17
2	100	S4A9425.D	1.	DFTPP4T,DFTPP4T ok	3,,DFTPP,3	24 Aug 2005 14:41
3	1	S4A9426.D	1.	SSTD0504T,SSTD0504T ok	2,2,,3 | OLM	24 Aug 2005 15:00
4	6	S4A9427.D	1. ✓ ✓	MB-19468,SBLK4D,19468 ok		24 Aug 2005 15:42
5	7	S4A9428.D	1. ✓ ✓	LCS-19468,S4DLCS,19468 all in		24 Aug 2005 16:14
6	56	S4A9429.D	1.	D0925-07CMSD,,19446,, Don't needed		24 Aug 2005 16:46
7	8	S4A9430.D	1. ✓ ✓	D0926-10A,,19468,, ok		24 Aug 2005 17:19
8	9	S4A9431.D	1. ✓ ✓	D0926-14A,,19468,, ok		24 Aug 2005 17:51
9	10	S4A9432.D	1. ✓ ✓	D0926-20A,,19468,, ok		24 Aug 2005 18:23
10	11	S4A9433.D	1. ✓ ✓	D0926-19AMS,,19468,, all in, ok		24 Aug 2005 18:56
11	12	S4A9434.D	1. ✓ ✓	D0926-19AMSD,,19468,, all in, ok		24 Aug 2005 19:29
12	13	S4A9435.D	1. ✓ ✓	D0926-19A,,19468,, ok		24 Aug 2005 20:01
13	14	S4A9436.D	1. ✓ ✓	D0926-18A,,19468,, ok		24 Aug 2005 20:34
14	15	S4A9437.D	1. ✓ and	D0926-07AMS,,19468,, all spike ✓ re-ext.		24 Aug 2005 21:07
15	16	S4A9438.D	1. ✓ ✓	D0926-09A,,19468,, ok		24 Aug 2005 21:40
16	17	S4A9439.D	1. ✓ ✓	D0926-16A,,19468,, ok		24 Aug 2005 22:14
17	18	S4A9440.D	1. ✓ ✓	D0926-07AMSD,,19468,, ok & spike out		24 Aug 2005 22:48
18	19	S4A9441.D	1. ✓ ✓	D0926-07A,,19468,, FLUOR. 170 need 2X		24 Aug 2005 23:23
19	20	S4A9442.D	1. ✓ ✓	D0926-06A,,19468,, ok		24 Aug 2005 23:56
20	21	S4A9443.D	1. ✓ ✓	D0926-01A,,19468,, re-ext Don't needed		25 Aug 2005 00:29
21	22	S4A9444.D	1. ✓ ✓	D0926-15A,,19468,, re-ext Don't needed		25 Aug 2005 01:03
22	23	S4A9445.D	1. ✓ ✓	D0926-11A,,19468,, re-ext Don't needed.		25 Aug 2005 01:37
23	24	S4A9446.D	1. ✓ ✓	D0926-08A,,19468,, ok		25 Aug 2005 02:11

COMMENTS	IS	SS

SBL

1747

Instrument S4
Injection Log

Mitkem Corporation
SemiVolatiles Laboratory

METHOD: OLM4.2
INITIAL CAL: 08/19/05
STD ID: SWOT0816B-tue
SWOT0823A-LL
ANALYST: AW
EMV: 1341
DATE: 08/25/05
DATE PRINTED:
DATE LOADED:

COMMENTS: IS- SPOT0802A

Injection Log

Directory: O:\ORGANIC\SVOA\S4.i\050825.B

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected	DIL	COMMENTS	IS	SS
1	100	S4A9450.D	1.	DFTPP4U,DFTPP4U ok	3,,DFTPP,3	25 Aug 2005 09:21				
2	1	S4A9451.D	1.	SSTD0504U,SSTD0504U ok	2,2,,3 | OLM	25 Aug 2005 09:40				
3	21	S4A9452.D	1.✓ ✓	D0926-01A,,19468,, ok		25 Aug 2005 10:13				
4	22	S4A9453.D	1.✓ ✓	D0926-15A,,19468,,ok		25 Aug 2005 10:57				
5	23	S4A9454.D	1.✓ ✓	D0926-11A,,19468,,ok		25 Aug 2005 11:31				
6	25	S4A9455.D	1.✓ ✓	D0926-07ADL,,19468,,2 ok		25 Aug 2005 12:04				
7	26	S4A9456.D	1.✓ ✓	D0926-13A,,19468,,ok		25 Aug 2005 12:36				
8	27	S4A9457.D	1.✓ ✓	D0926-12A,,19468,,ok		25 Aug 2005 13:08				
9	28	S4A9458.D	1.✓ IS was.	D0926-05A,,19468,, ok		25 Aug 2005 13:40				
10	29	S4A9459.D	1.✓ ✓	D0926-04A,,19468,, ok		25 Aug 2005 14:12				
11	30	S4A9460.D	1.✓ IS	D0926-17A,,19468,, Reruns		25 Aug 2005 14:45				
12	31	S4A9461.D	1.✓ ✓	D0926-03A,,19468,, ok		25 Aug 2005 15:37				
13	32	S4A9462.D	1.✓ IS	D0926-02A,,19468,, FLUOR. 476 need DL		25 Aug 2005 16:10				
14	30	S4A9463.D	1. 2ml	D0926-17A,,19468,, OK		25 Aug 2005 17:27				
15	31	S4A9464.D	1.	D0926-03A,,19468,, Don't needed		25 Aug 2005 18:00				
16	33	S4A9465.D	1.✓ ✓	D0926-02ADL,,19468,,5 FLUOR. 37		25 Aug 2005 18:32				

AS #

Dail
Gol
Line
Clip
Ferr

Log

SBL

1748

Instrument S4
Injection Log

Mitkem Corporation
SemiVolatiles Laboratory

METHOD: OLM 4.2
INITIAL CAL: 08/19/05

STD ID: SW0508168 -L2 ~~L2~~ W
SW0508304 -L2

ANALYST: AL
EMV: 1600
DATE: 08/31/05

COMMENTS:

DATE PRINTED:
DATE LOADED:

AS #	FILE		MITKEM ID		CLIENT ID	METHOD	DIL	COMMENTS	IS	SS
	S4A95	20	DFTPP	4X	DFTPP4X	DFTCP	-	10:57 ok		
	↓	21	SSTD010	4X	SSTD010X	CCP	-	ok		
		22	MB-196	76	SBLK4G	↓	-	ok	✓	✓
		23	LCS-196	76	S4GLCS		-	ok, 1 spike out	✓	✓
		24	D0926-	RE 07A	SD07-S-MRE		-	ok	✓	✓
	↓	25	↓ -	MS 07A RE	SD07-S-M MSRE	↓	-	1 spike out, ok	✓	✓
	S4A95	26	D0926 -	MSD 07A RE	SD07-S-M MDRE	CCP	-	25 spikes out	✓	✓

09/01/05 AL

Daily Maintenance	
Gold Seal	
Liner	
Clipped Column	
Ferrule	

Comments:

Logbook ID 70.0193-04/05

Reviewed By: SBL

1749

MITKEM CORPORATION

* Pesticide / PCB Organics *

2F
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTIIID: 0.53 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	SD07-S-M	74	89	78	124			0
02	SS02-S-O	108	74	66	76			0
03	SS03-S-O	77	75	68	73			0
04	SS05-S-O	80	80	62	73			0
05	SS10-S-O	77	71	73	69			0
06	SS11-S-M	82	82	70	72			0
07	SS10-S-D	76	71	72	70			0
08	PBLK2E	88	87	95	96			0
09	P2ELCS	82	79	91	89			0
10	SD03-S-O	91	120	71	80			0
11	SD12-S-O	67	86	95	97			0
12	SD01-S-O	65	77	73	62			0
13	SD06-S-O	73	78	73	70			0
14	SD09-S-O	67	68	69	67			0
15	SD02-S-O	75	90	84	155*			1
16	SD02-S-D	70	108	81	120			0
17	SD07-S-O	70	78	89	102			0
18	SD05-S-O	72	82	66	62			0
19	SD08-S-O	76	70	73	63			0
20	SD10-S-O	77	66	113	114			0
21	SD11-S-O	67	77	59	58			0
22	SD04-S-O	74	79	64	59			0
23	SS02-S-ORE	104	78	70	76			0
24	SS03-S-ORE	78	77	79	74			0
25	SS05-S-ORE	82	79	73	77			0
26	SS10-S-ORE	78	74	73	75			0
27	SS11-S-MRE	88	84	80	74			0
28	SS10-S-DRE	78	71	64	71			0
29	SD07-S-MRE	64	94	80	133			0
30	PBLK5D	46	47	44	45			0

	QC LIMITS
(TCX) = Tetrachloro-m-xylene	(30-150)
(DCB) = Decachlorobiphenyl	(30-150)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

2F
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTIIID: 0.53 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	SS11-S-MMS	87	91	95	97			0
02	SS11-S-MMSD	89	92	97	94			0
03	SD07-S-MMS	82	84	121	95			0
04	SD07-S-MMSD	70	72	100	89			0
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
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16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

	QC LIMITS
(TCX) = Tetrachloro-m-xylene	(30-150)
(DCB) = Decachlorobiphenyl	(30-150)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

3F

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix Spike - EPA Sample No.: SD07-S-M

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
gamma-BHC (Lindane)	31	0.00	21	68	46-127
Heptachlor	31	0.00	25	81	35-130
Aldrin	31	0.00	25	81	34-132
Dieldrin	63	0.00	57	90	31-134
Endrin	63	0.00	62	98	42-139
4,4'-DDT	63	24	61	59	23-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
gamma-BHC (Lindane)	31	20	65	5	50	46-127
Heptachlor	31	23	74	9	31	35-130
Aldrin	31	22	71	13	43	34-132
Dieldrin	63	53	84	7	38	31-134
Endrin	63	59	94	4	45	42-139
4,4'-DDT	63	56	51	15	50	23-134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 6 outside limits
Spike Recovery: 0 out of 12 outside limits

COMMENTS: _____

3F

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix Spike - EPA Sample No.: SS11-S-M

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
gamma-BHC (Lindane)	19	0.00	15	79	46-127
Heptachlor	19	0.00	18	95	35-130
Aldrin	19	0.00	18	95	34-132
Dieldrin	37	0.00	38	103	31-134
Endrin	37	0.00	44	119	42-139
4,4'-DDT	37	0.00	36	97	23-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
gamma-BHC (Lindane)	19	15	79	0	50	46-127
Heptachlor	19	18	95	0	31	35-130
Aldrin	19	18	95	0	43	34-132
Dieldrin	37	38	103	0	38	31-134
Endrin	37	45	122	2	45	42-139
4,4'-DDT	37	36	97	0	50	23-134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 6 outside limits
Spike Recovery: 0 out of 12 outside limits

COMMENTS: _____

FORM 3
SOIL PESTICIDE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix Spike - Sample No.: P2ELCS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
gamma-BHC (Lindane)	17		14	82	46-127
Heptachlor	17		15	88	35-130
Aldrin	17		15	88	34-132
Dieldrin	33		32	97	31-134
Endrin	33		39	118	42-139
4,4'-DDT	33		37	112	23-134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK2E

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Lab Sample ID: MB-19467 Lab File ID: E2E7528F

Matrix (soil/water) SOIL Extraction:(Type) SONC

Sulfur Cleanup (Y/N) N Date Extracted: 08/12/05

Date Analyzed (1): 08/24/05 Date Analyzed (2): 08/24/05

Time Analyzed (1): 1237 Time Analyzed (2): 1237

Instrument ID (1): E2 Instrument ID (2): E2

GC Column (1): CLPPEST ID: 0.53(mm) GC Column (2): CLPPESTII ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	SD07-S-M	D0926-07A	08/23/05	08/23/05
02	SS02-S-O	D0926-15A	08/24/05	08/24/05
03	SS03-S-O	D0926-16A	08/24/05	08/24/05
04	SS05-S-O	D0926-17A	08/24/05	08/24/05
05	SS10-S-O	D0926-18A	08/24/05	08/24/05
06	SS11-S-M	D0926-19A	08/24/05	08/24/05
07	SS10-S-D	D0926-20A	08/24/05	08/24/05
08	P2ELCS	LCS-19467	08/24/05	08/24/05
09	SD03-S-O	D0926-01A	08/24/05	08/24/05
10	SD12-S-O	D0926-04A	08/24/05	08/24/05
11	SD01-S-O	D0926-05A	08/24/05	08/24/05
12	SD06-S-O	D0926-09A	08/24/05	08/24/05
13	SD09-S-O	D0926-10A	08/24/05	08/24/05
14	SD02-S-O	D0926-02A	08/24/05	08/24/05
15	SD02-S-D	D0926-03A	08/24/05	08/24/05
16	SD07-S-O	D0926-06A	08/24/05	08/24/05
17	SD05-S-O	D0926-08A	08/24/05	08/24/05
18	SD08-S-O	D0926-11A	08/24/05	08/24/05
19	SD10-S-O	D0926-12A	08/24/05	08/24/05
20	SD11-S-O	D0926-13A	08/25/05	08/25/05
21	SD04-S-O	D0926-14A	08/25/05	08/25/05
22	SS02-S-ORE	D0926-15ARE	08/25/05	08/25/05
23	SS03-S-ORE	D0926-16ARE	08/25/05	08/25/05
24	SS05-S-ORE	D0926-17ARE	08/25/05	08/25/05
25	SS10-S-ORE	D0926-18ARE	08/25/05	08/25/05
26	SS11-S-MRE	D0926-19ARE	08/25/05	08/25/05

COMMENTS:

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK2E

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Lab Sample ID: MB-19467 Lab File ID: E2E7528F

Matrix (soil/water) SOIL Extraction:(Type) SONC

Sulfur Cleanup (Y/N) N Date Extracted: 08/12/05

Date Analyzed (1): 08/24/05 Date Analyzed (2): 08/24/05

Time Analyzed (1): 1237 Time Analyzed (2): 1237

Instrument ID (1): E2 Instrument ID (2): E2

GC Column (1): CLPPEST ID: 0.53 (mm) GC Column (2): CLPPESTII ID: 0.53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	SS10-S-DRE	D0926-20ARE	08/25/05	08/25/05
02	SD07-S-MRE	D0926-07ARE	08/25/05	08/25/05
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

COMMENTS:

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK5D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: MB-19467 Lab File ID: E5C2109F

Matrix (soil/water) SOIL Extraction: (Type) SONC

Sulfur Cleanup (Y/N) N Date Extracted: 08/12/05

Date Analyzed (1): 08/28/05 Date Analyzed (2): 08/28/05

Time Analyzed (1): 1909 Time Analyzed (2): 1909

Instrument ID (1): E5 Instrument ID (2): E5

GC Column (1): CLPPEST ID: 0.53 (mm) GC Column (2): CLPPESTII ID: 0.53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	SS11-S-MMS	D0926-19AMS	08/28/05	08/28/05
02	SS11-S-MMSD	D0926-19AMSD	08/28/05	08/28/05
03	SD07-S-MMS	D0926-07AMS	08/28/05	08/28/05
04	SD07-S-MMSD	D0926-07AMSD	08/28/05	08/28/05
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
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23				
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25				
26				

COMMENTS: _____

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD01-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-05A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7532F

% Moisture: 72 Decanted: (Y/N) N Date Received: 08/10/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

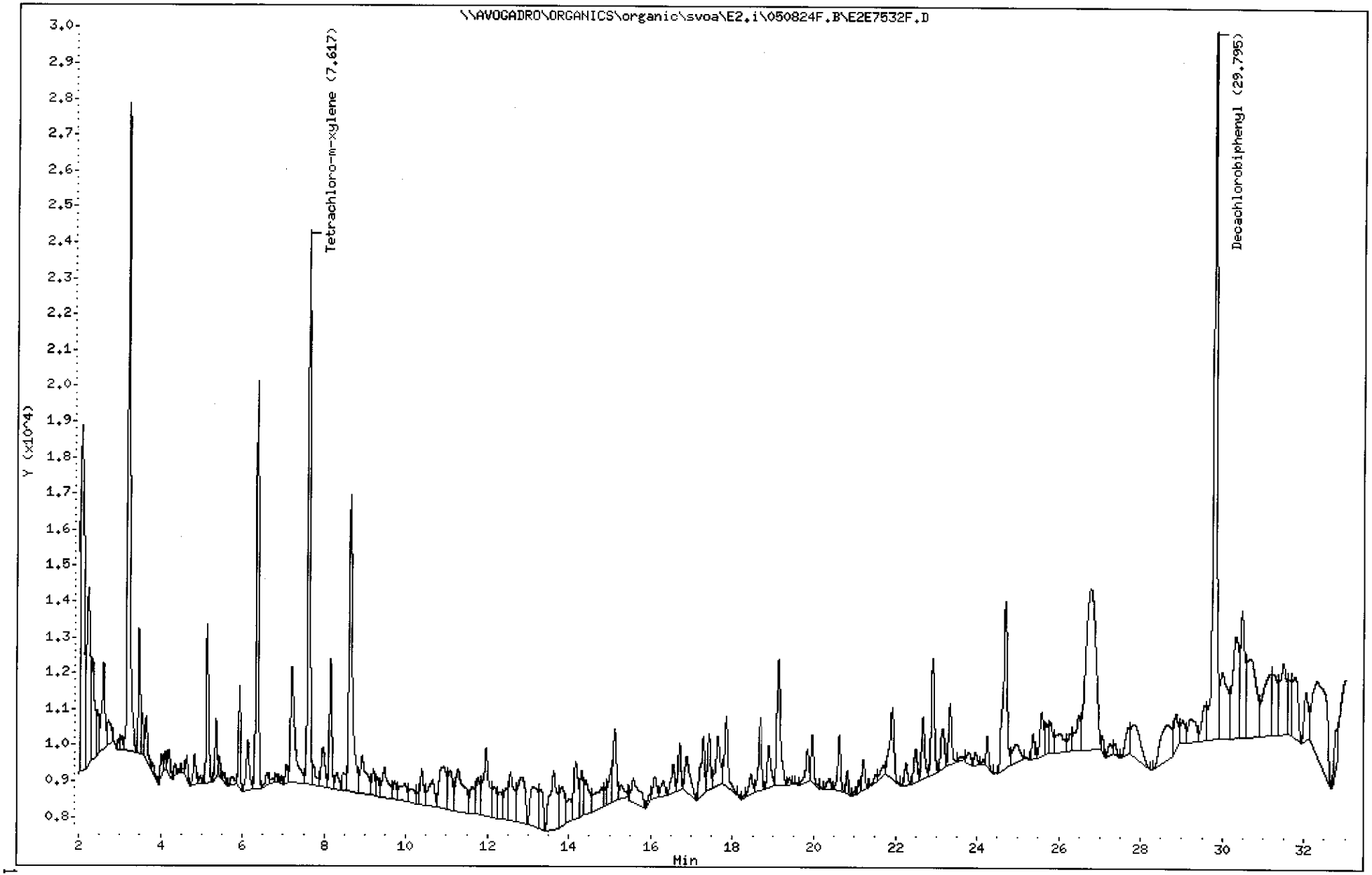
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 4.5 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

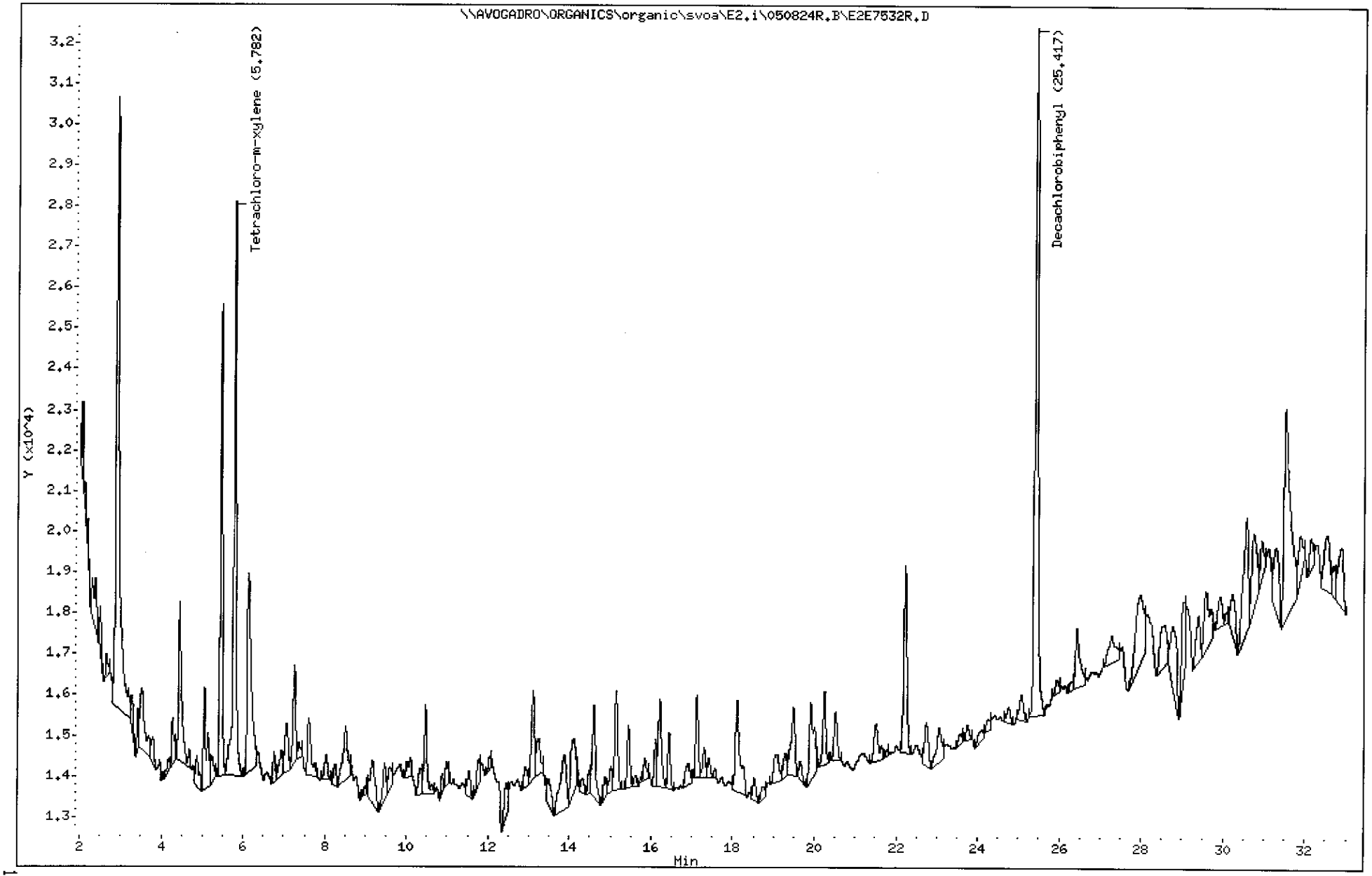
CAS NO.	COMPOUND	Q	
319-84-6	alpha-BHC	6.1	U
319-85-7	beta-BHC	6.1	U
319-86-8	delta-BHC	6.1	U
58-89-9	gamma-BHC (Lindane)	6.1	U
76-44-8	Heptachlor	6.1	U
309-00-2	Aldrin	6.1	U
1024-57-3	Heptachlor epoxide	6.1	U
959-98-8	Endosulfan I	6.1	U
60-57-1	Dieldrin	12	U
72-55-9	4,4'-DDE	12	U
72-20-8	Endrin	12	U
33213-65-9	Endosulfan II	12	U
72-54-8	4,4'-DDD	12	U
1031-07-8	Endosulfan sulfate	12	U
50-29-3	4,4'-DDT	12	U
72-43-5	Methoxychlor	61	U
53494-70-5	Endrin ketone	12	U
7421-93-4	Endrin aldehyde	12	U
5103-71-9	alpha-Chlordane	6.1	U
5103-74-2	gamma-Chlordane	6.1	U
8001-35-2	Toxaphene	610	U
12674-11-2	Aroclor-1016	120	U
11104-28-2	Aroclor-1221	240	U
11141-16-5	Aroclor-1232	120	U
53469-21-9	Aroclor-1242	120	U
12672-29-6	Aroclor-1248	120	U
11097-69-1	Aroclor-1254	120	U
11096-82-5	Aroclor-1260	120	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7532F.D
Date : 24-AUG-2005 15:02
Client ID: SD01-S-0
Instrument: E2.i
Sample Info: D0926-05A,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



1760

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7532R.D
Date : 24-AUG-2005 15:02
Client ID: SD01-S-0
Instrument: E2.i
Sample Info: D0926-05A,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7532F.D
Report Date: 29-Aug-2005 14:04

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7532F.D
Lab Smp Id: D0926-05A Client Smp ID: SD01-S-O
Inj Date : 24-AUG-2005 15:02
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-05A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	72.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.62	7.59	0.030	59161	0.02607	31		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	113754	0.02925	35		

KL
8/30/05

Data File: E2E7532R.D
Report Date: 29-Aug-2005 14:04

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7532R.D
Lab Smp Id: D0926-05A Client Smp ID: SD01-S-O
Inj Date : 24-AUG-2005 15:02
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-05A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	72.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.78	5.77	0.010	62259	0.03095		37	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	89750	0.02482		30	

KL 8/31/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-03A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7542F

% Moisture: 78 Decanted: (Y/N) N Date Received: 08/09/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

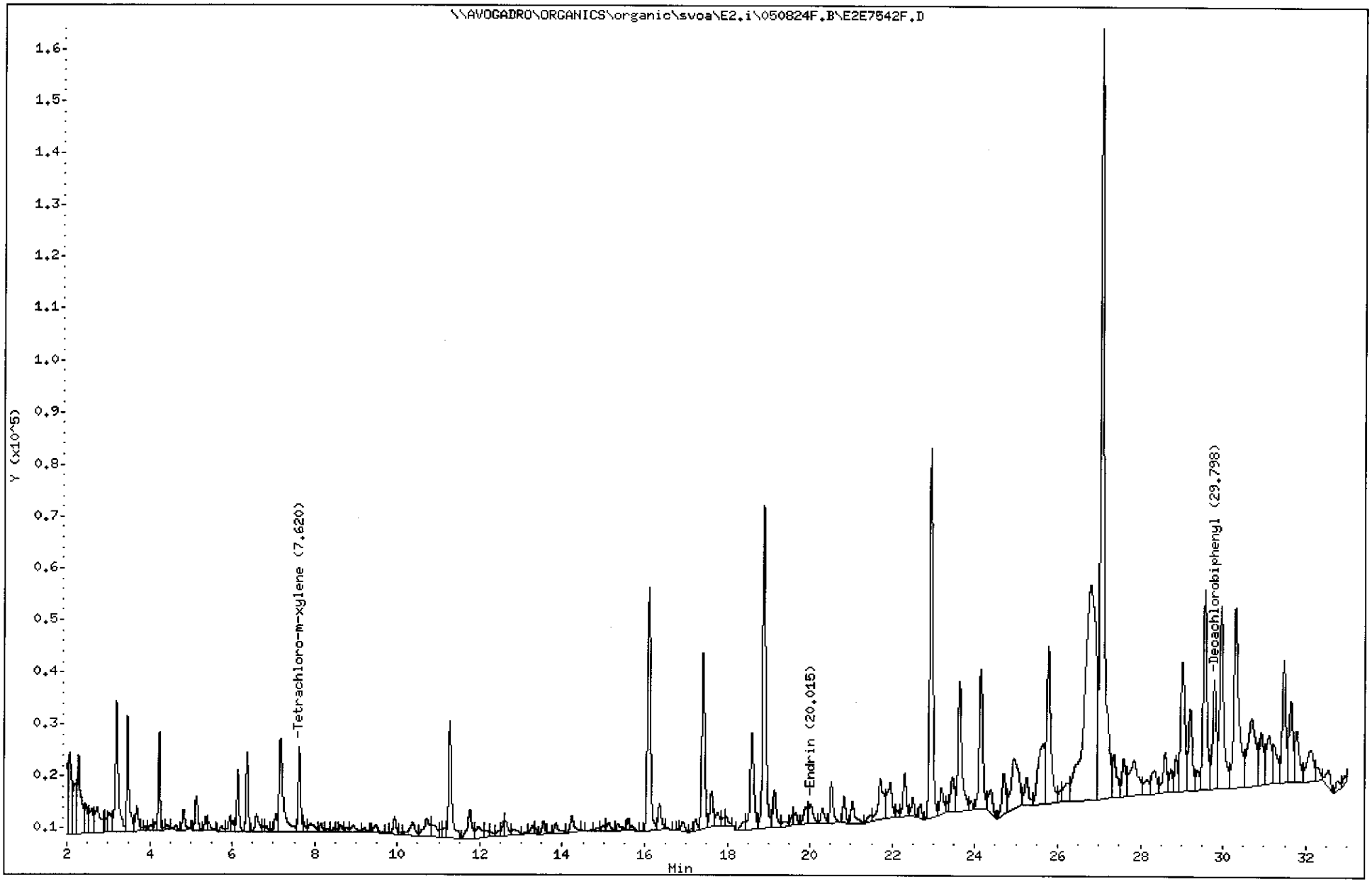
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	7.7	U
319-85-7	beta-BHC	7.7	U
319-86-8	delta-BHC	7.7	U
58-89-9	gamma-BHC (Lindane)	7.7	U
76-44-8	Heptachlor	7.7	U
309-00-2	Aldrin	7.7	U
1024-57-3	Heptachlor epoxide	7.7	U
959-98-8	Endosulfan I	7.7	U
60-57-1	Dieldrin	15	U
72-55-9	4,4'-DDE	15	U
72-20-8	Endrin	24	
33213-65-9	Endosulfan II	15	U
72-54-8	4,4'-DDD	15	U
1031-07-8	Endosulfan sulfate	15	U
50-29-3	4,4'-DDT	15	U
72-43-5	Methoxychlor	77	U
53494-70-5	Endrin ketone	15	U
7421-93-4	Endrin aldehyde	15	U
5103-71-9	alpha-Chlordane	7.7	U
5103-74-2	gamma-Chlordane	7.7	U
8001-35-2	Toxaphene	770	U
12674-11-2	Aroclor-1016	150	U
11104-28-2	Aroclor-1221	300	U
11141-16-5	Aroclor-1232	150	U
53469-21-9	Aroclor-1242	150	U
12672-29-6	Aroclor-1248	150	U
11097-69-1	Aroclor-1254	150	U
11096-82-5	Aroclor-1260	150	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7542F.D
Date : 24-AUG-2005 21:04
Client ID: SD02-S-D
Instrument: E2.i
Sample Info: D0926-03A,,19467,clp.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



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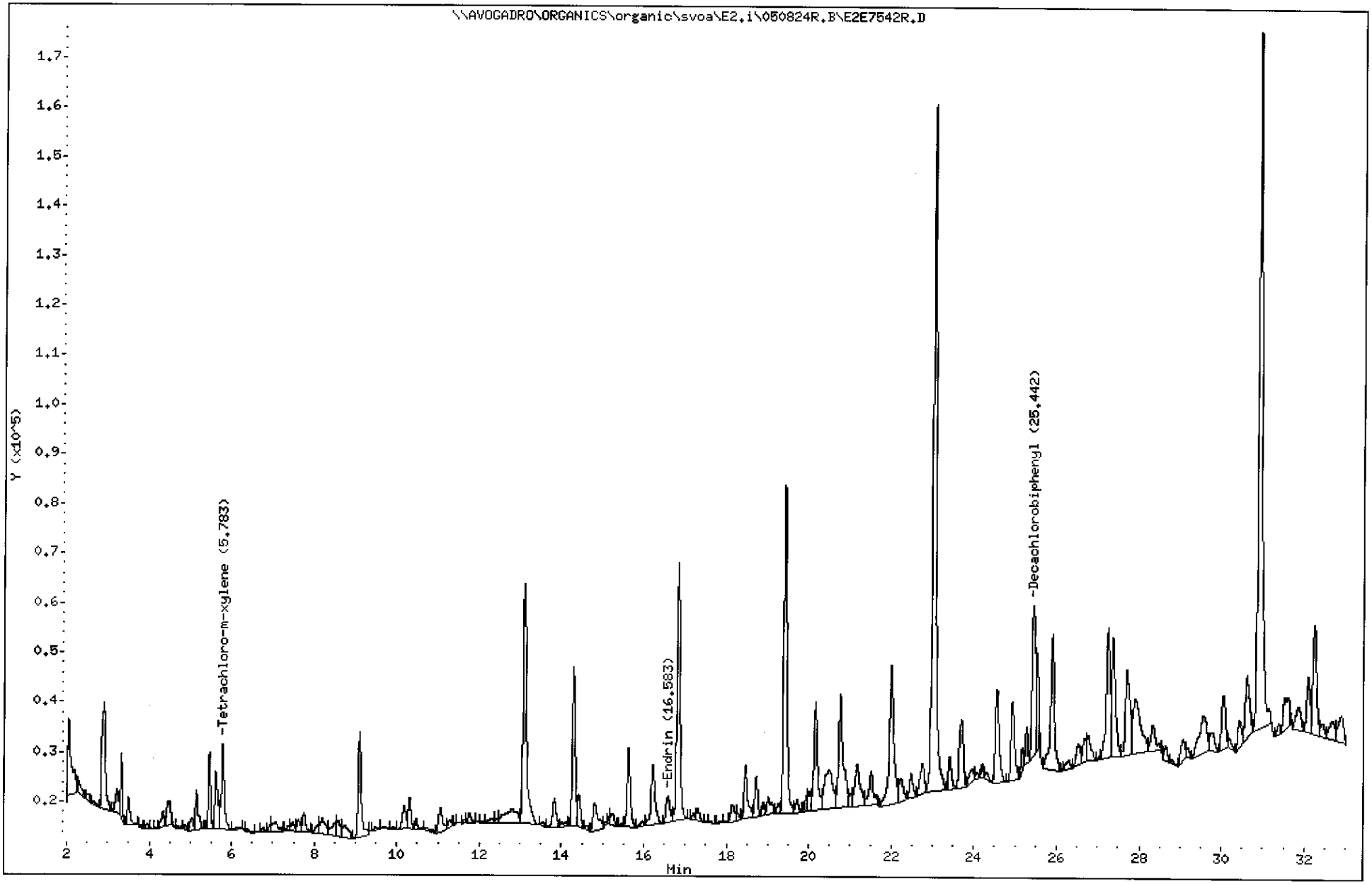
Date : 24-AUG-2005 21:04
Client ID: SD02-S-D
Instrument: E2.i
Sample Info: D0926-03A,,19467,clp.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



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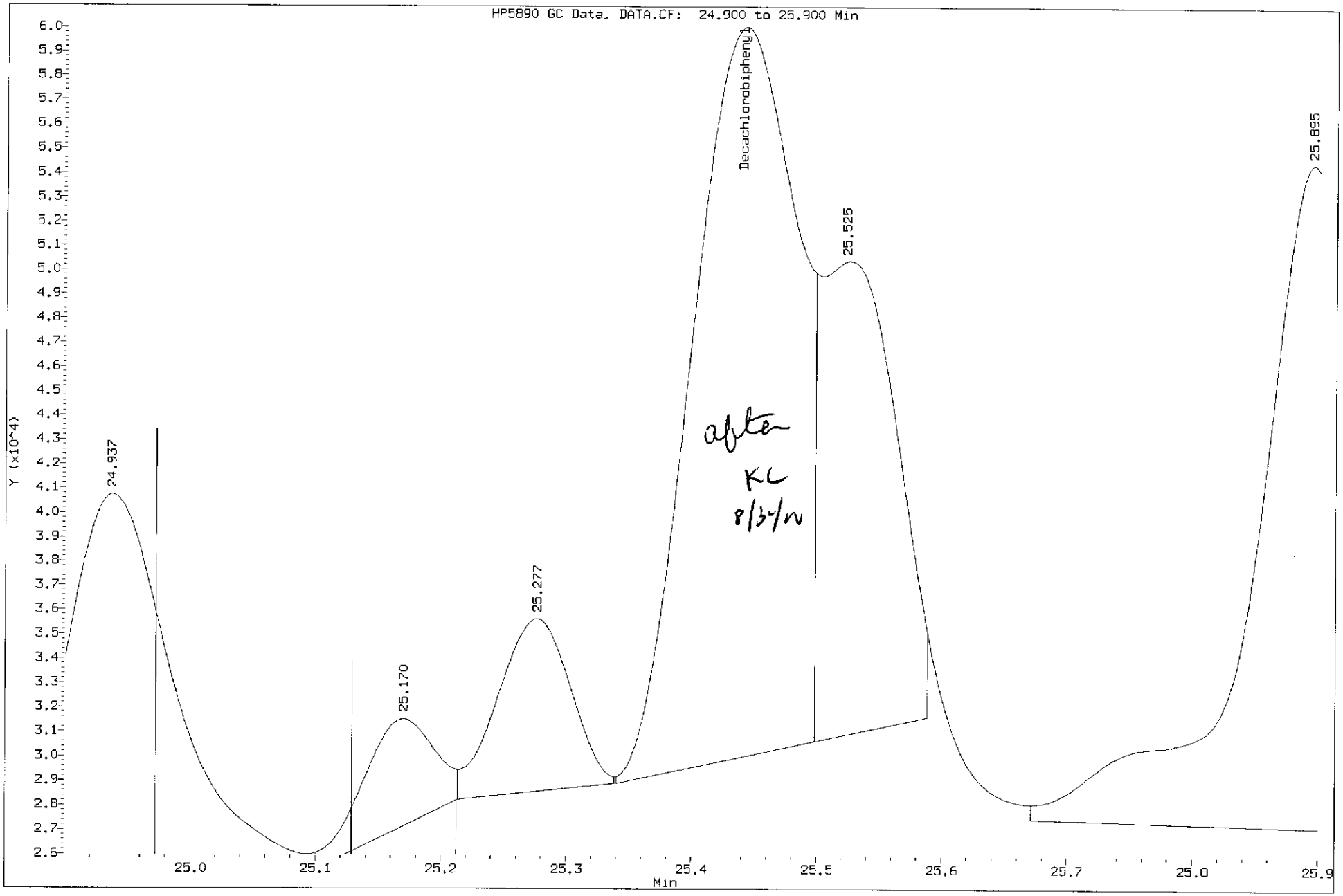
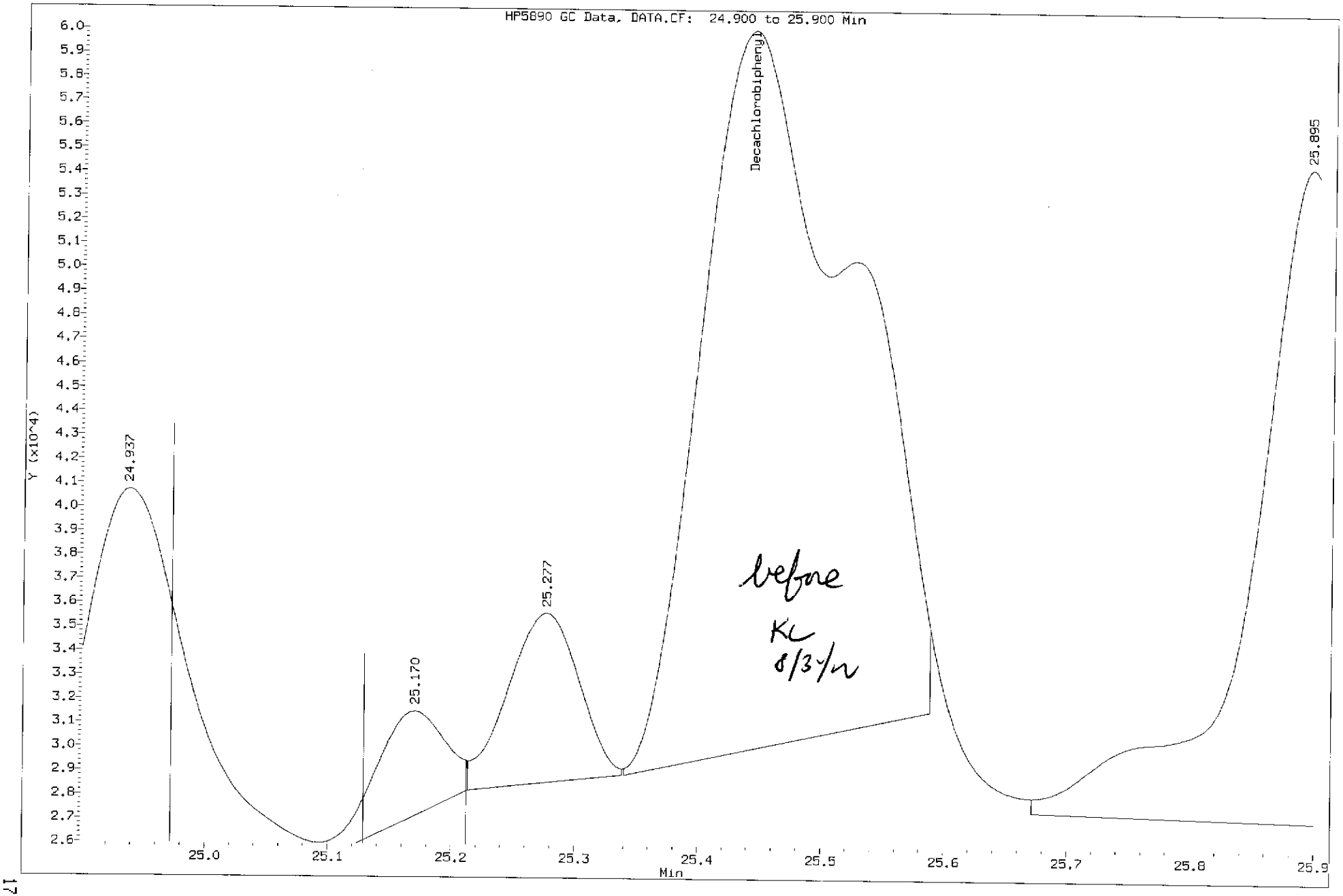
Injection Date: 24-AUG-2005 21:04
Instrument: E2.i
Client Sample ID: SD02-S-D



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7542R.D
Injection Date: 24-AUG-2005 21:04
Instrument: E2.i
Client Sample ID: SD02-S-D



Data File: E2E7542F.D
Report Date: 29-Aug-2005 15:40

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7542F.D
Lab Smp Id: D0926-03A Client Smp ID: SD02-S-D
Inj Date : 24-AUG-2005 21:04
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-03A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	78.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.62	7.59	0.030	63907	0.02816		43	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	125796	0.03235		49	
15 Endrin						CAS #: 72-20-8	
20.0	20.1	-0.100	27998	0.01558		24	

KC
8/30/05

Data File: E2E7542R.D
Report Date: 29-Aug-2005 15:41

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7542R.D
Lab Smp Id: D0926-03A Client Smp ID: SD02-S-D
Inj Date : 24-AUG-2005 21:04
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-03A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	78.000	% Moisture

			CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.78	5.77	0.010	87292	0.04339	66		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
25.4	25.4	0.000	173041	0.04785	73		(M)
15 Endrin					CAS #: 72-20-8		
16.6	16.7	-0.100	34219	0.02001	30		

m2 KL 8/31/05

KL 8/31/05

Data File: E2E7542R.D
Report Date: 29-Aug-2005 15:41

QC Flag Legend

M - Compound response manually integrated.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD02-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-02A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7541F

% Moisture: 79 Decanted: (Y/N) N Date Received: 08/09/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

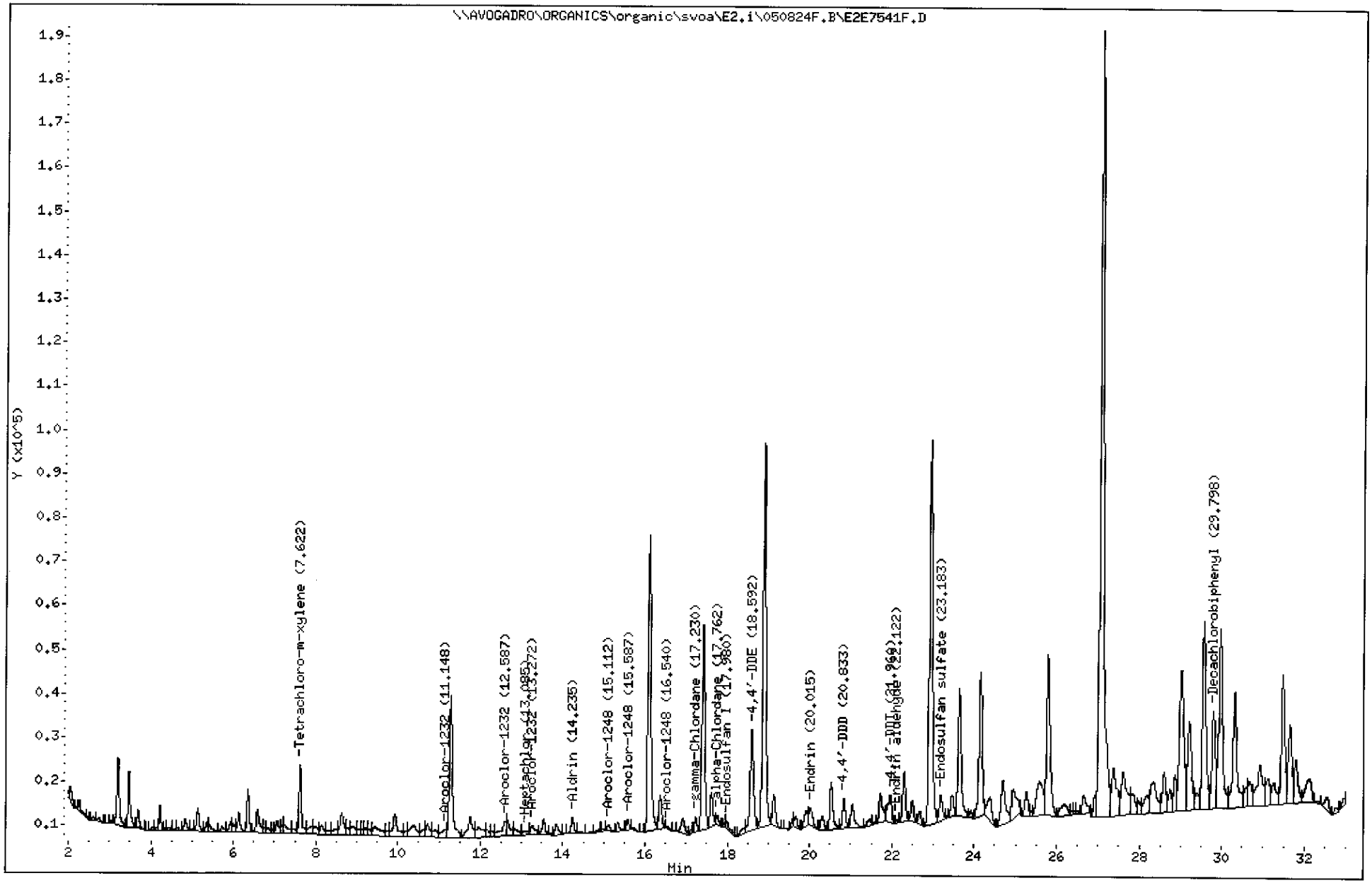
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Sulfur Cleanup: (Y/N) Y

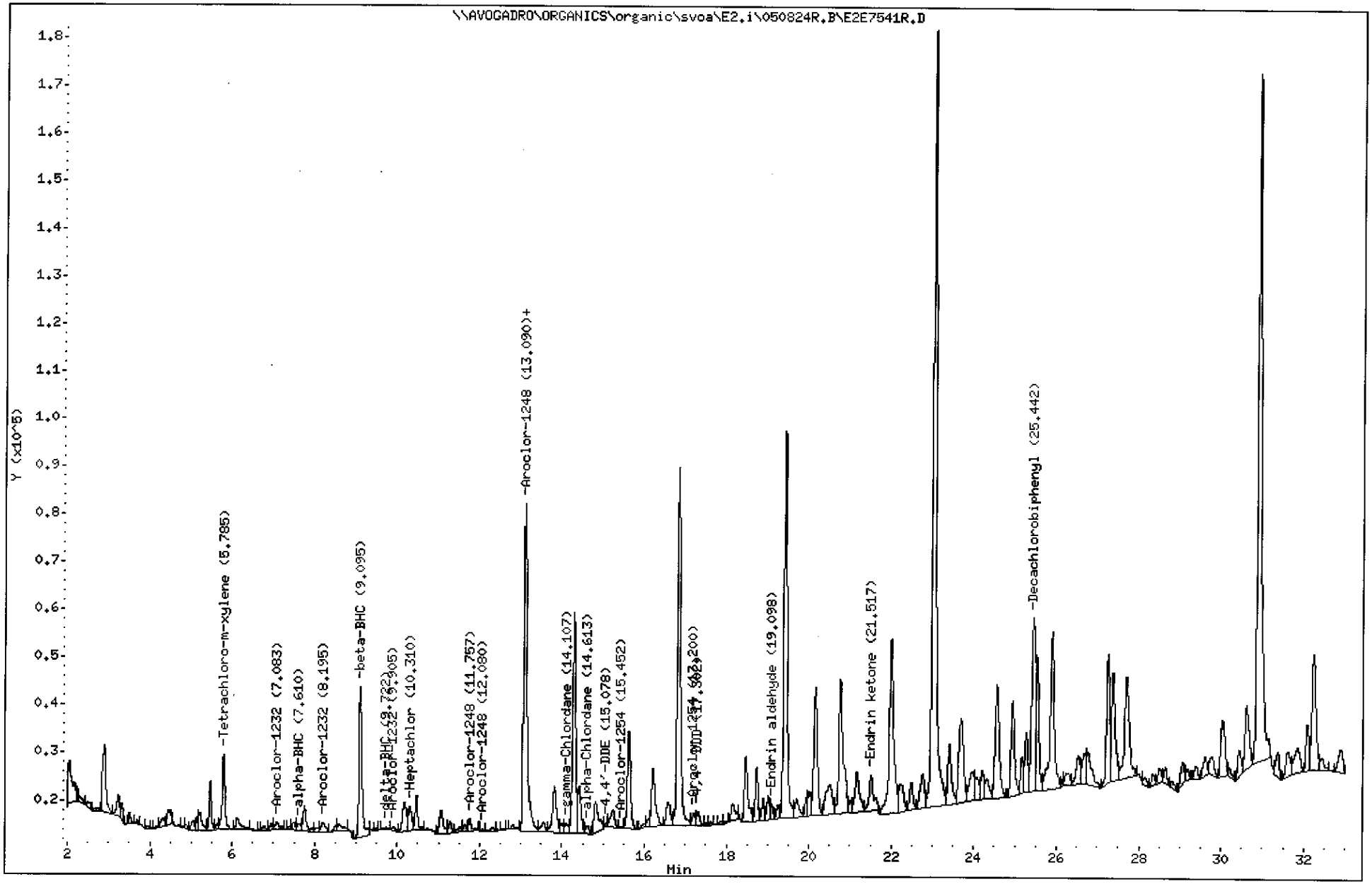
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	8.1	U
319-85-7	beta-BHC	8.1	U
319-86-8	delta-BHC	8.1	U
58-89-9	gamma-BHC (Lindane)	8.1	U
76-44-8	Heptachlor	8.1	U
309-00-2	Aldrin	8.1	U
1024-57-3	Heptachlor epoxide	8.1	U
959-98-8	Endosulfan I	8.1	U
60-57-1	Dieldrin	16	U
72-55-9	4,4'-DDE	16	U
72-20-8	Endrin	16	U
33213-65-9	Endosulfan II	16	U
72-54-8	4,4'-DDD	19	P
1031-07-8	Endosulfan sulfate	16	U
50-29-3	4,4'-DDT	16	U
72-43-5	Methoxychlor	81	U
53494-70-5	Endrin ketone	16	U
7421-93-4	Endrin aldehyde	16	U
5103-71-9	alpha-Chlordane	5.6	J
5103-74-2	gamma-Chlordane	8.1	U
8001-35-2	Toxaphene	810	U
12674-11-2	Aroclor-1016	160	U
11104-28-2	Aroclor-1221	320	U
11141-16-5	Aroclor-1232	160	U
53469-21-9	Aroclor-1242	160	U
12672-29-6	Aroclor-1248	160	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7541F.D
Date : 24-AUG-2005 20:28
Client ID: SD02-S-0
Instrument: E2.i
Sample Info: D0926-02A,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7541R.D
Date : 24-AUG-2005 20:28
Client ID: SD02-S-0
Instrument: E2.i
Sample Info: D0926-02A,,19467,clp.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7541F.D
Lab Smp Id: D0926-02A Client Smp ID: SD02-S-O
Inj Date : 24-AUG-2005 20:28
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-02A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 18:08 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	79.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
7.62	7.59	0.030	68353	0.03012	48			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
29.8	29.8	0.000	130429	0.03354	53			
12 alpha-Chlordane						CAS #: 5103-71-9		
17.8	17.8	0.000	10461	0.00393	6.2			(a)
16 4,4'-DDD						CAS #: 72-54-8		
20.8	20.8	0.000	33127	0.02205	35			

KL
8/30/05

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: E2E7541R.D
Report Date: 30-Aug-2005 15:13

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7541R.D
Lab Smp Id: D0926-02A Client Smp ID: SD02-S-O
Inj Date : 24-AUG-2005 20:28
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-02A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 18:14 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	79.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1	Tetrachloro-m-xylene					CAS #: 877-09-8		
	5.79	5.77	0.020	72491	0.03604	57		
$ 2	Decachlorobiphenyl					CAS #: 2051-24-3		
	25.4	25.4	0.000	224594	0.06211	99		(R)
12	alpha-Chlordane					CAS #: 5103-71-9		
	14.6	14.6	0.000	8893	0.00351	5.6		(a)
16	4,4'-DDD					CAS #: 72-54-8		
	17.3	17.3	0.000	16080	0.01206	19		

KL 8/31/05

Data File: E2E7541R.D
Report Date: 30-Aug-2005 15:13

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD03-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-01A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7530F

% Moisture: 70 Decanted: (Y/N) N Date Received: 08/09/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

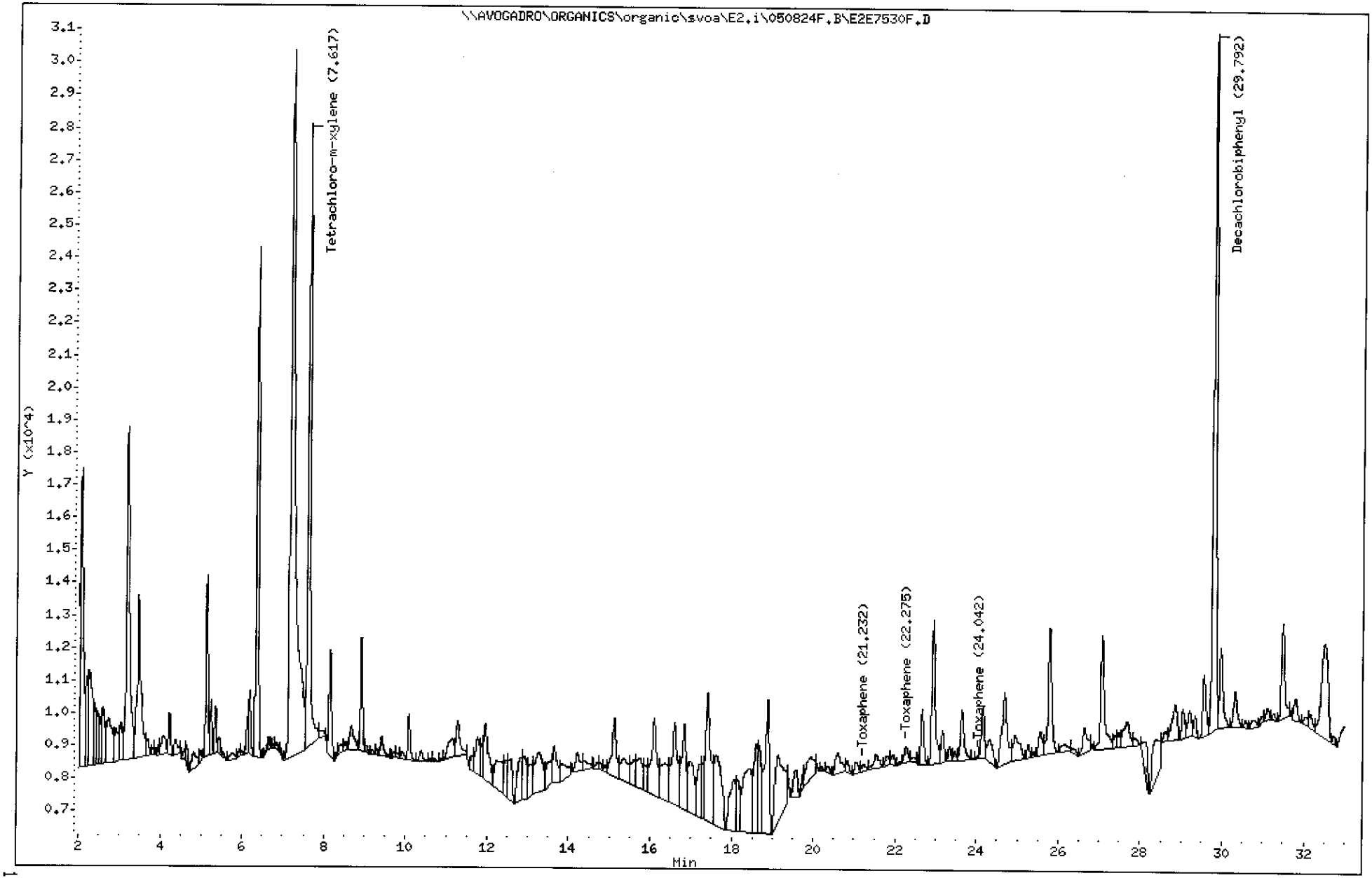
GPC Cleanup: (Y/N) Y pH: 6.6 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

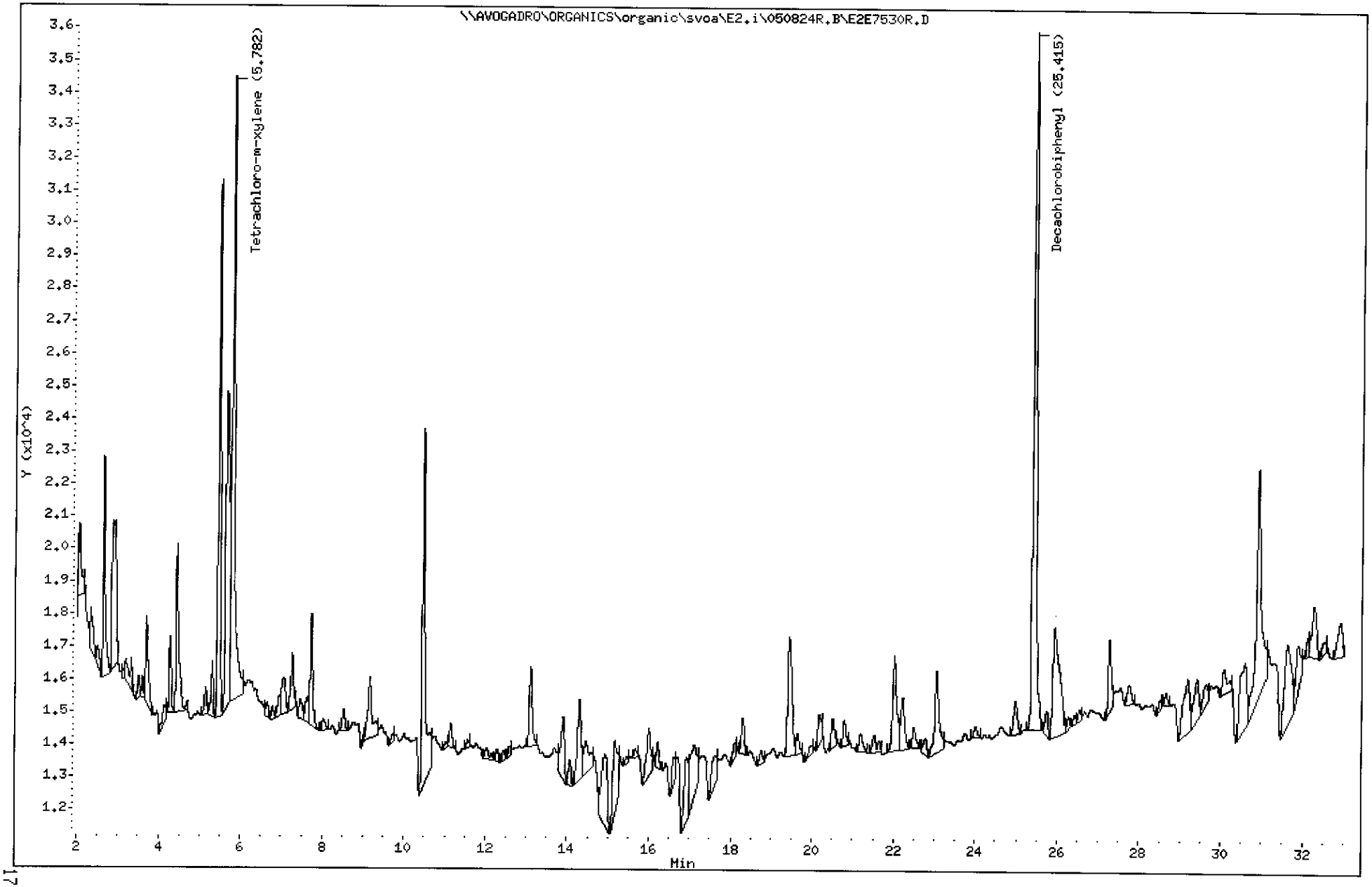
CAS NO.	COMPOUND	Q	
319-84-6	alpha-BHC	5.7	U
319-85-7	beta-BHC	5.7	U
319-86-8	delta-BHC	5.7	U
58-89-9	gamma-BHC (Lindane)	5.7	U
76-44-8	Heptachlor	5.7	U
309-00-2	Aldrin	5.7	U
1024-57-3	Heptachlor epoxide	5.7	U
959-98-8	Endosulfan I	5.7	U
60-57-1	Dieldrin	11	U
72-55-9	4,4'-DDE	11	U
72-20-8	Endrin	11	U
33213-65-9	Endosulfan II	11	U
72-54-8	4,4'-DDD	11	U
1031-07-8	Endosulfan sulfate	11	U
50-29-3	4,4'-DDT	11	U
72-43-5	Methoxychlor	57	U
53494-70-5	Endrin ketone	11	U
7421-93-4	Endrin aldehyde	11	U
5103-71-9	alpha-Chlordane	5.7	U
5103-74-2	gamma-Chlordane	5.7	U
8001-35-2	Toxaphene	570	U
12674-11-2	Aroclor-1016	110	U
11104-28-2	Aroclor-1221	220	U
11141-16-5	Aroclor-1232	110	U
53469-21-9	Aroclor-1242	110	U
12672-29-6	Aroclor-1248	110	U
11097-69-1	Aroclor-1254	110	U
11096-82-5	Aroclor-1260	110	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7530F.D
Date : 24-AUG-2005 13:50
Client ID: SD03-S-0
Sample Info: D0926-01A,,19467,clp.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E2.i
Operator: SZ SRC: LIMS
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7530R.D
Date : 24-AUG-2005 13:50
Client ID: SD03-S-0
Instrument: E2.i
Sample Info: D0926-01A,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7530F.D
Report Date: 29-Aug-2005 14:04

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7530F.D
Lab Smp Id: D0926-01A Client Smp ID: SD03-S-O
Inj Date : 24-AUG-2005 13:50
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-01A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	70.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.62	7.59	0.030	82469	0.03634		40	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	110223	0.02834		31	

KL 8/30/05

Data File: E2E7530R.D
Report Date: 29-Aug-2005 14:03

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7530R.D
Lab Smp Id: D0926-01A Client Smp ID: SD03-S-O
Inj Date : 24-AUG-2005 13:50
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-01A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	70.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.78	5.77	0.010	96916	0.04818		54	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	115614	0.03197		36	

KL 8/31/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD04-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-14A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E2E7548F

% Moisture: 71 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

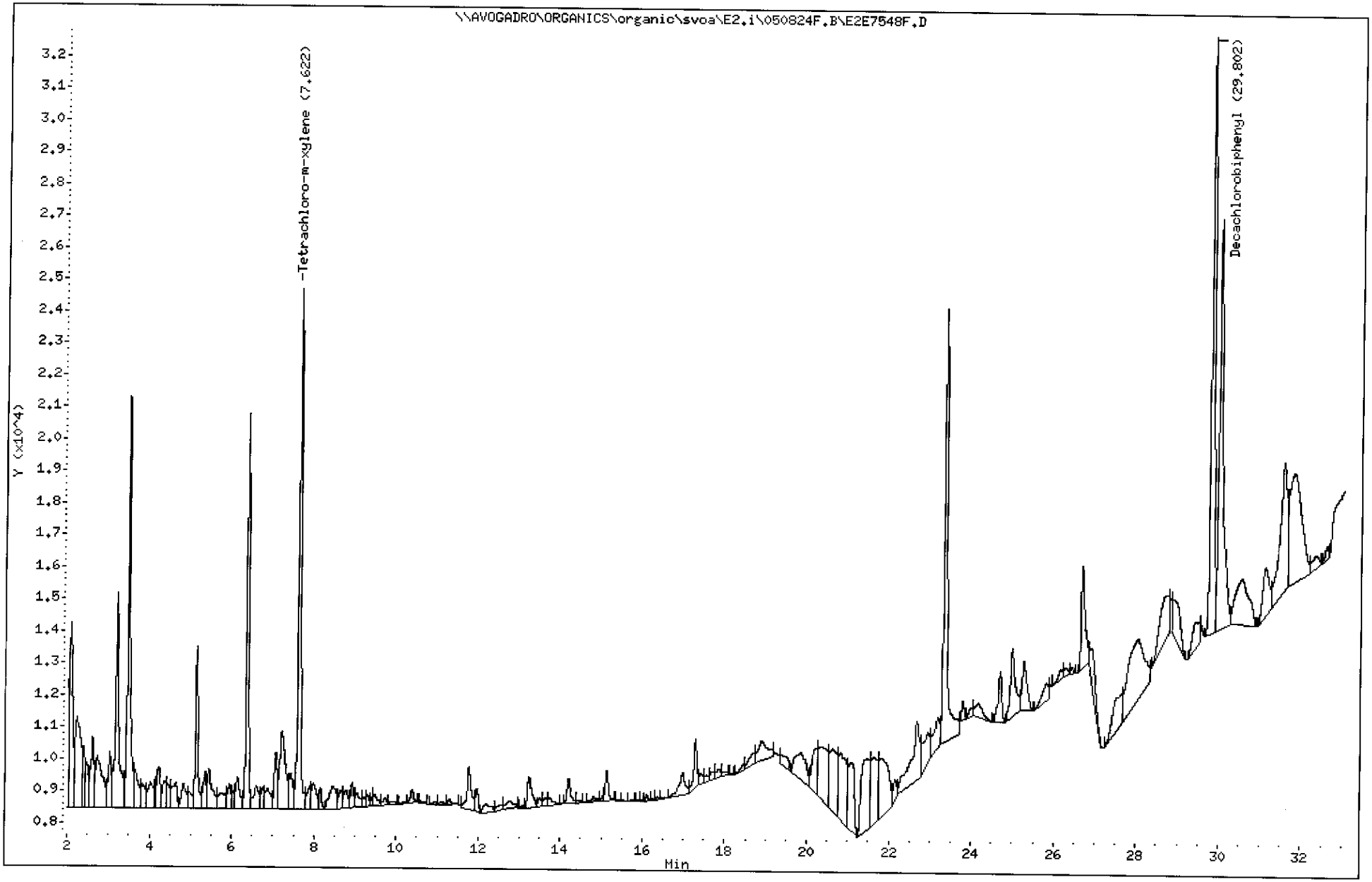
GPC Cleanup: (Y/N) Y pH: 7.1 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

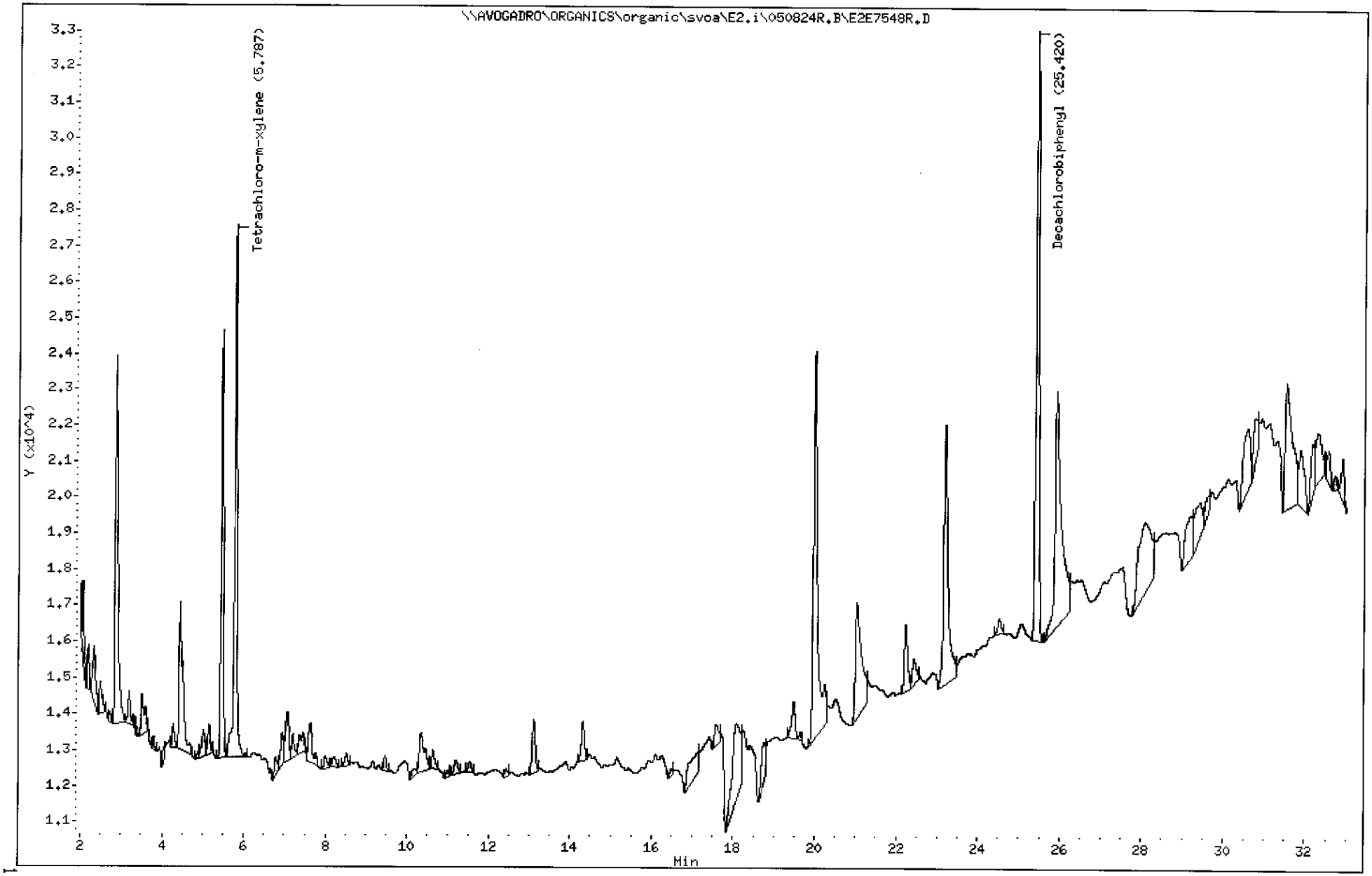
CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	5.8	U
319-85-7	beta-BHC	5.8	U
319-86-8	delta-BHC	5.8	U
58-89-9	gamma-BHC (Lindane)	5.8	U
76-44-8	Heptachlor	5.8	U
309-00-2	Aldrin	5.8	U
1024-57-3	Heptachlor epoxide	5.8	U
959-98-8	Endosulfan I	5.8	U
60-57-1	Dieldrin	11	U
72-55-9	4,4'-DDE	11	U
72-20-8	Endrin	11	U
33213-65-9	Endosulfan II	11	U
72-54-8	4,4'-DDD	11	U
1031-07-8	Endosulfan sulfate	11	U
50-29-3	4,4'-DDT	11	U
72-43-5	Methoxychlor	58	U
53494-70-5	Endrin ketone	11	U
7421-93-4	Endrin aldehyde	11	U
5103-71-9	alpha-Chlordane	5.8	U
5103-74-2	gamma-Chlordane	5.8	U
8001-35-2	Toxaphene	580	U
12674-11-2	Aroclor-1016	110	U
11104-28-2	Aroclor-1221	230	U
11141-16-5	Aroclor-1232	110	U
53469-21-9	Aroclor-1242	110	U
12672-29-6	Aroclor-1248	110	U
11097-69-1	Aroclor-1254	110	U
11096-82-5	Aroclor-1260	110	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7548F.D
Date : 25-AUG-2005 00:41
Client ID: SD04-S-0
Sample Info: D0926-14A,,19467,clp,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E2.i
Operator: SZ SRC: LIMS
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7548R.D
Date : 25-AUG-2005 00:41
Client ID: SD04-S-0
Instrument: E2.i
Sample Info: D0926-14A,,19467,clp.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7548F.D
Report Date: 29-Aug-2005 15:41

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7548F.D
Lab Smp Id: D0926-14A Client Smp ID: SD04-S-O
Inj Date : 25-AUG-2005 00:41
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-14A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	71.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene							CAS #: 877-09-8	
	7.62	7.59	0.030	67512	0.02975		34	
$ 2 Decachlorobiphenyl							CAS #: 2051-24-3	
	29.8	29.8	0.000	99031	0.02546		29	

KL
8/31/11

Data File: E2E7548R.D
Report Date: 29-Aug-2005 16:04

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7548R.D
Lab Smp Id: D0926-14A Client Smp ID: SD04-S-O
Inj Date : 25-AUG-2005 00:41
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-14A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	71.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.79	5.77	0.020	63778	0.03170		36	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	85654	0.02369		27	

KC
8/31/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD05-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-08A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7544F

% Moisture: 76 Decanted: (Y/N) N Date Received: 08/10/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

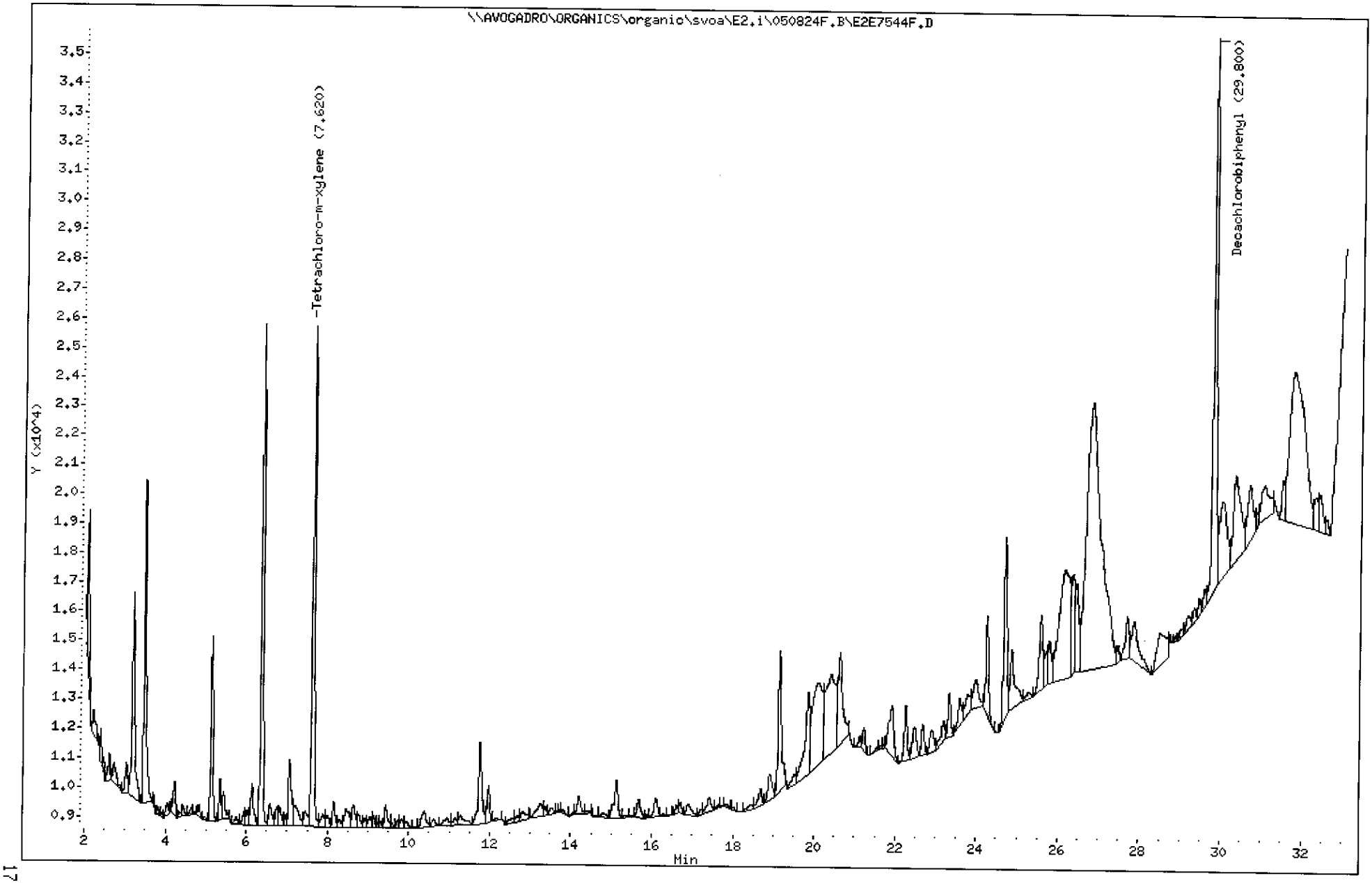
GPC Cleanup: (Y/N) Y pH: 7.4 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	7.1	U
319-85-7	beta-BHC	7.1	U
319-86-8	delta-BHC	7.1	U
58-89-9	gamma-BHC (Lindane)	7.1	U
76-44-8	Heptachlor	7.1	U
309-00-2	Aldrin	7.1	U
I024-57-3	Heptachlor epoxide	7.1	U
959-98-8	Endosulfan I	7.1	U
60-57-1	Dieldrin	14	U
72-55-9	4,4'-DDE	14	U
72-20-8	Endrin	14	U
33213-65-9	Endosulfan II	14	U
72-54-8	4,4'-DDD	14	U
1031-07-8	Endosulfan sulfate	14	U
50-29-3	4,4'-DDT	14	U
72-43-5	Methoxychlor	71	U
53494-70-5	Endrin ketone	14	U
7421-93-4	Endrin aldehyde	14	U
5103-71-9	alpha-Chlordane	7.1	U
5103-74-2	gamma-Chlordane	7.1	U
8001-35-2	Toxaphene	710	U
12674-11-2	Aroclor-1016	140	U
11104-28-2	Aroclor-1221	280	U
11141-16-5	Aroclor-1232	140	U
53469-21-9	Aroclor-1242	140	U
12672-29-6	Aroclor-1248	140	U
11097-69-1	Aroclor-1254	140	U
11096-82-5	Aroclor-1260	140	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7544F.D
Date : 24-AUG-2005 22:16
Client ID: SD05-S-0
Sample Info: D0926-08A,,19467,clp,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

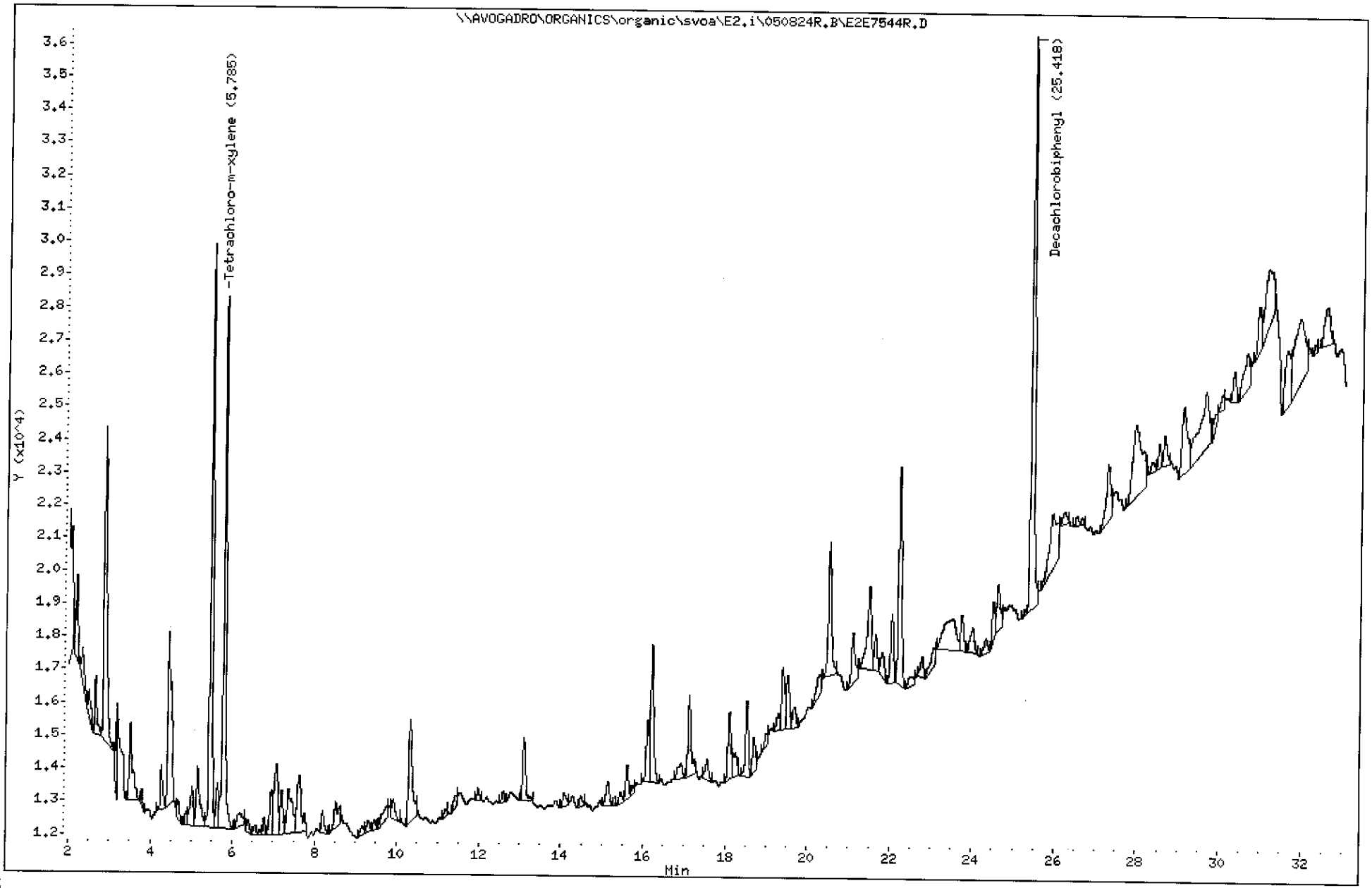
Instrument: E2.i
Operator: SZ SRC: LIMS
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7544R.D
Date : 24-AUG-2005 22:16
Client ID: SD05-S-0
Sample Info: D0926-08A,,19467,clp.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i

Operator: SZ SRC: LIMS
Column diameter: 0.53



Data File: E2E7544F.D
Report Date: 30-Aug-2005 15:16

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7544F.D
Lab Smp Id: D0926-08A Client Smp ID: SD05-S-O
Inj Date : 24-AUG-2005 22:16
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-08A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 18:08 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	76.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.62	7.59	0.030	65460	0.02885		40	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	102578	0.02638		37	

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8/24/05

Data File: E2E7544R.D
Report Date: 30-Aug-2005 15:16

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7544R.D
Lab Smp Id: D0926-08A Client Smp ID: SD05-S-O
Inj Date : 24-AUG-2005 22:16
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-08A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 18:14 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	76.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.79	5.77	0.020	66377	0.03300		46	
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
25.4	25.4	0.000	89456	0.02474		34	

KL
8/24/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD06-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-09A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E2E7533F

% Moisture: 55 Decanted: (Y/N) N Date Received: 08/10/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

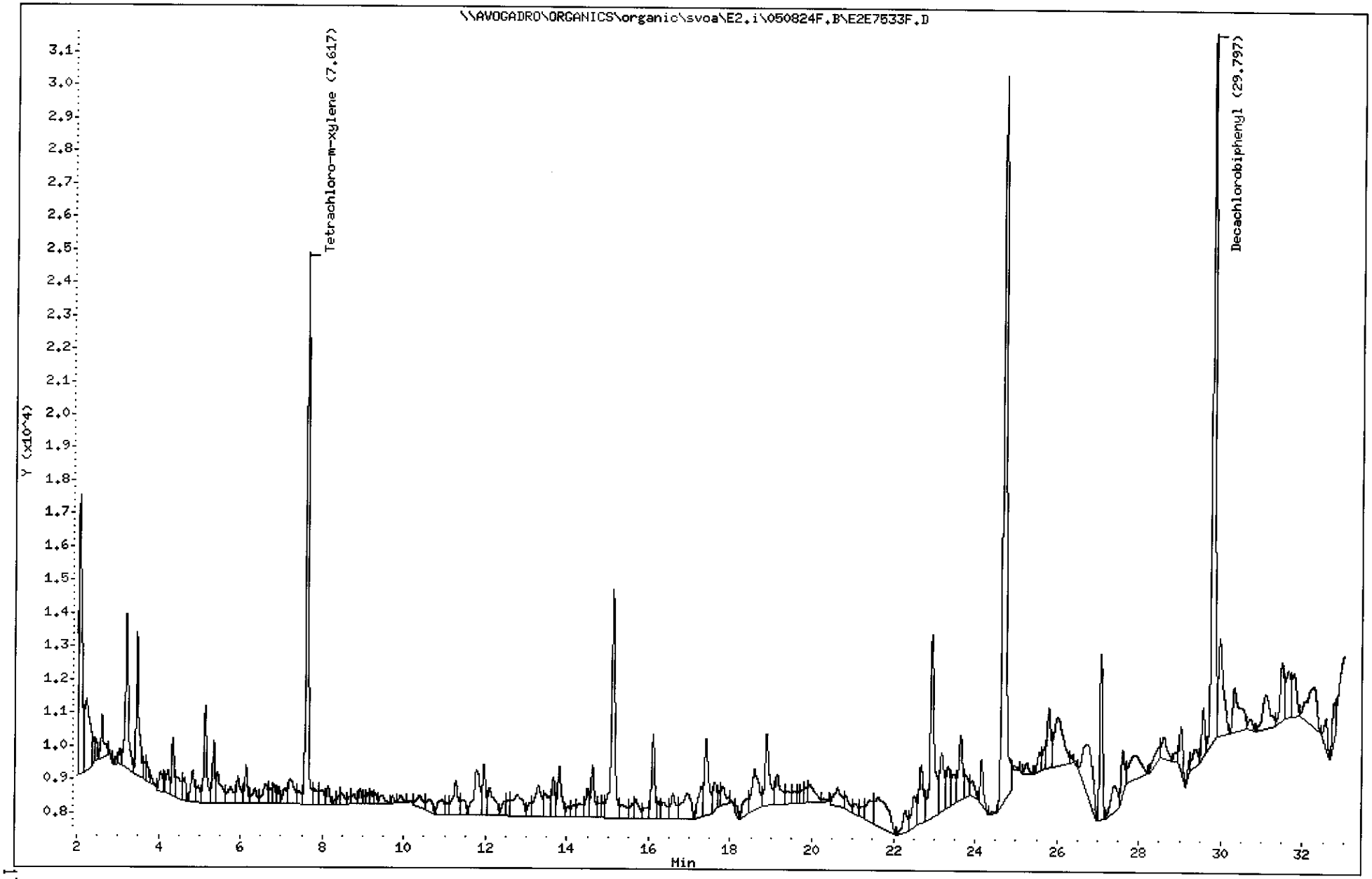
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	3.8	U
319-85-7	beta-BHC	3.8	U
319-86-8	delta-BHC	3.8	U
58-89-9	gamma-BHC (Lindane)	3.8	U
76-44-8	Heptachlor	3.8	U
309-00-2	Aldrin	3.8	U
1024-57-3	Heptachlor epoxide	3.8	U
959-98-8	Endosulfan I	3.8	U
60-57-1	Dieldrin	7.3	U
72-55-9	4,4'-DDE	7.3	U
72-20-8	Endrin	7.3	U
33213-65-9	Endosulfan II	7.3	U
72-54-8	4,4'-DDD	7.3	U
1031-07-8	Endosulfan sulfate	7.3	U
50-29-3	4,4'-DDT	7.3	U
72-43-5	Methoxychlor	38	U
53494-70-5	Endrin ketone	7.3	U
7421-93-4	Endrin aldehyde	7.3	U
5103-71-9	alpha-Chlordane	3.8	U
5103-74-2	gamma-Chlordane	3.8	U
8001-35-2	Toxaphene	380	U
12674-11-2	Aroclor-1016	73	U
11104-28-2	Aroclor-1221	150	U
11141-16-5	Aroclor-1232	73	U
53469-21-9	Aroclor-1242	73	U
12672-29-6	Aroclor-1248	73	U
11097-69-1	Aroclor-1254	73	U
11096-82-5	Aroclor-1260	73	U

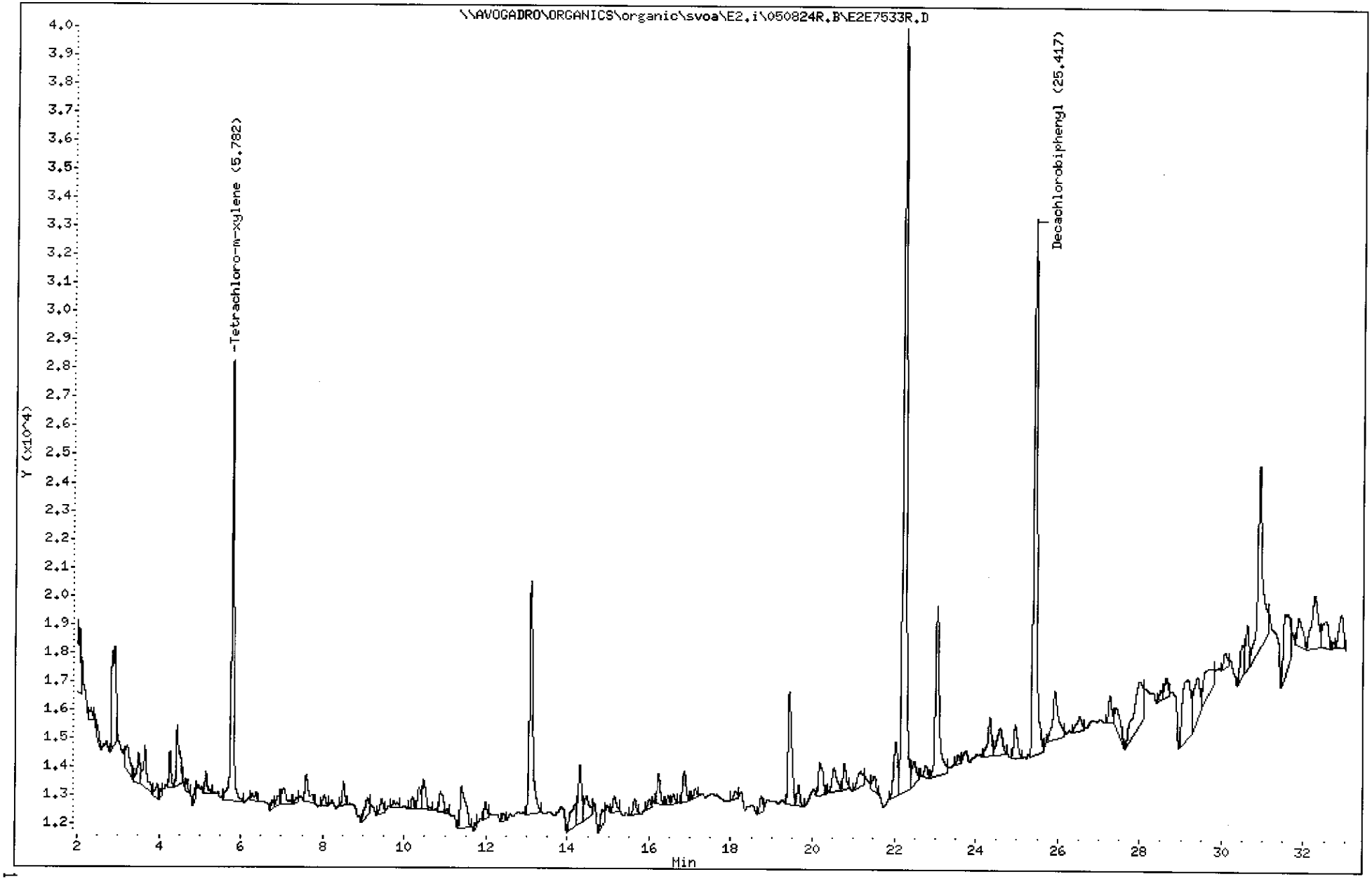
Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7533F.D
Date : 24-AUG-2005 15:38
Client ID: SD06-S-0
Sample Info: D0926-09A,,19467,clp,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E2.i
Operator: SZ SRC: LIMS
Column diameter: 0.53



1795

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7533R.D
Date : 24-AUG-2005 15:38
Client ID: SD06-S-0
Instrument: E2.i
Sample Info: D0926-09A,,19467,clp.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7533F.D
Report Date: 29-Aug-2005 14:04

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7533F.D
Lab Smp Id: D0926-09A Client Smp ID: SD06-S-O
Inj Date : 24-AUG-2005 15:38
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-09A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	55.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.62	7.59	0.030	66320	0.02923		22	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	113932	0.02930		22	

KL 8/31/05

Data File: E2E7533R.D
Report Date: 29-Aug-2005 14:04

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7533R.D
Lab Smp Id: D0926-09A Client Smp ID: SD06-S-O
Inj Date : 24-AUG-2005 15:38
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-09A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	55.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.78	5.77	0.010	62582	0.03111	23		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
25.4	25.4	0.000	100800	0.02788	21		

KL 8/30/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-M

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7507F

% Moisture: 47 Decanted: (Y/N) N Date Received: 08/10/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/23/05

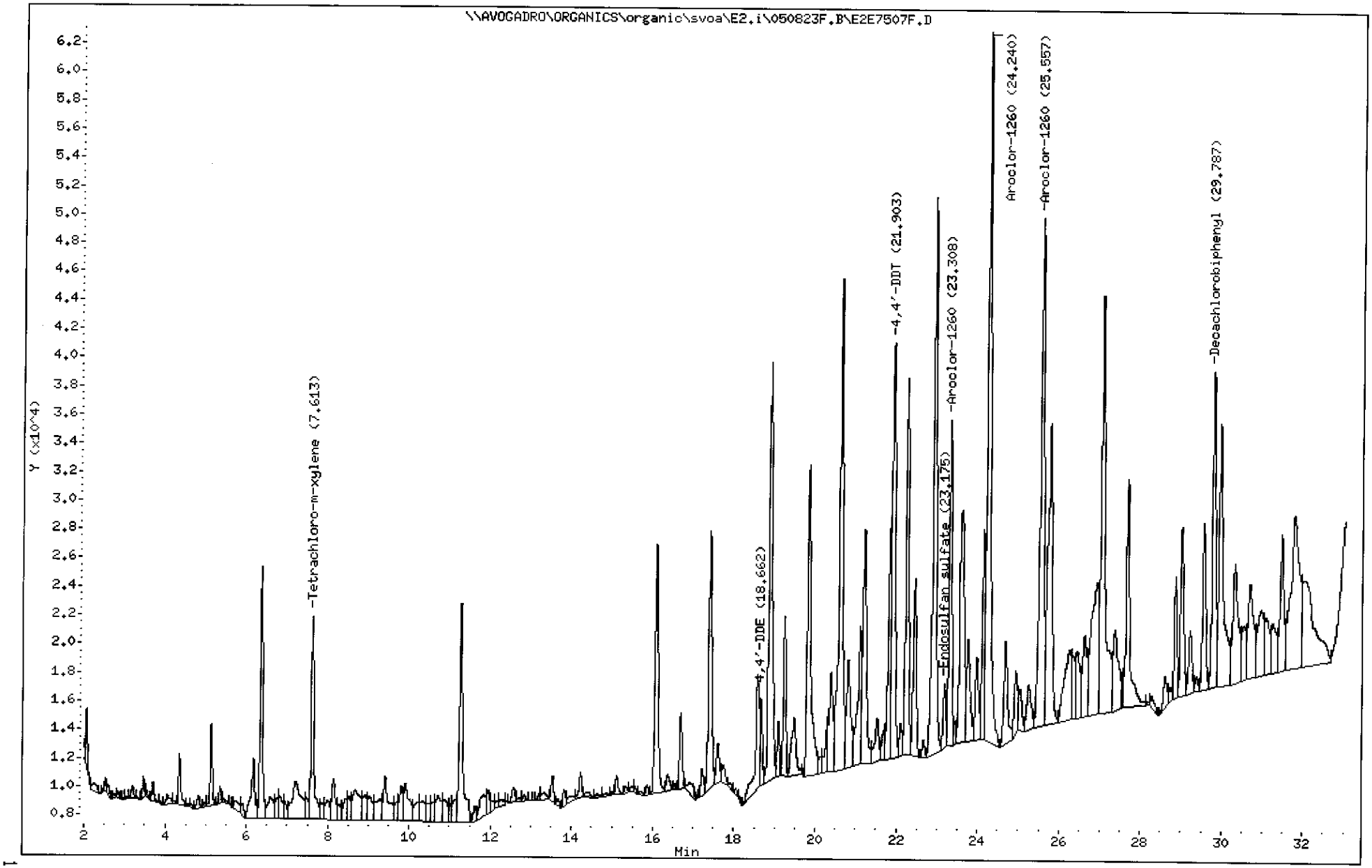
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	3.2	U
319-85-7	beta-BHC	3.2	U
319-86-8	delta-BHC	3.2	U
58-89-9	gamma-BHC (Lindane)	3.2	U
76-44-8	Heptachlor	3.2	U
309-00-2	Aldrin	3.2	U
1024-57-3	Heptachlor epoxide	3.2	U
959-98-8	Endosulfan I	3.2	U
60-57-1	Dieldrin	6.2	U
72-55-9	4,4'-DDE	7.4	
72-20-8	Endrin	6.2	U
33213-65-9	Endosulfan II	6.2	U
72-54-8	4,4'-DDD	6.2	U
1031-07-8	Endosulfan sulfate	7.8	
50-29-3	4,4'-DDT	24	P
72-43-5	Methoxychlor	32	U
53494-70-5	Endrin ketone	6.2	U
7421-93-4	Endrin aldehyde	6.2	U
5103-71-9	alpha-Chlordane	3.2	U
5103-74-2	gamma-Chlordane	3.2	U
8001-35-2	Toxaphene	320	U
12674-11-2	Aroclor-1016	62	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	62	U
53469-21-9	Aroclor-1242	62	U
12672-29-6	Aroclor-1248	62	U
11097-69-1	Aroclor-1254	62	U
11096-82-5	Aroclor-1260	530	P

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7507F.D
Date : 23-AUG-2005 20:46
Client ID: SD07-S-M
Sample Info: D0926-07A,,19467,clp.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E2.i
Operator: SZ SRC: LIMS
Column diameter: 0.53

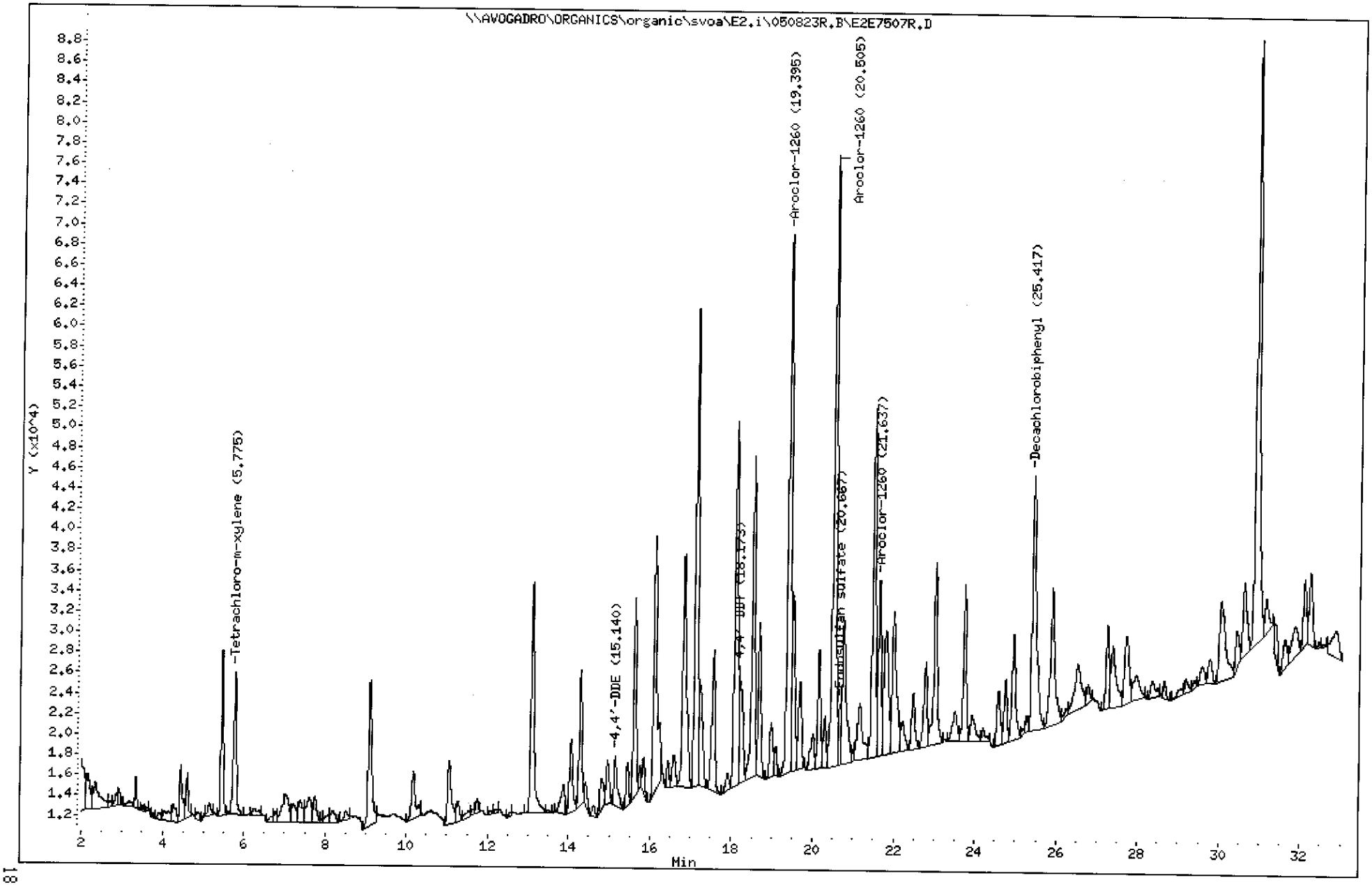


1800

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7507R.D
Date : 23-AUG-2005 20:46
Client ID: SD07-S-M
Sample Info: D0926-07A,,19467,clp,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i

Operator: SZ SRC: LIMS
Column diameter: 0.53



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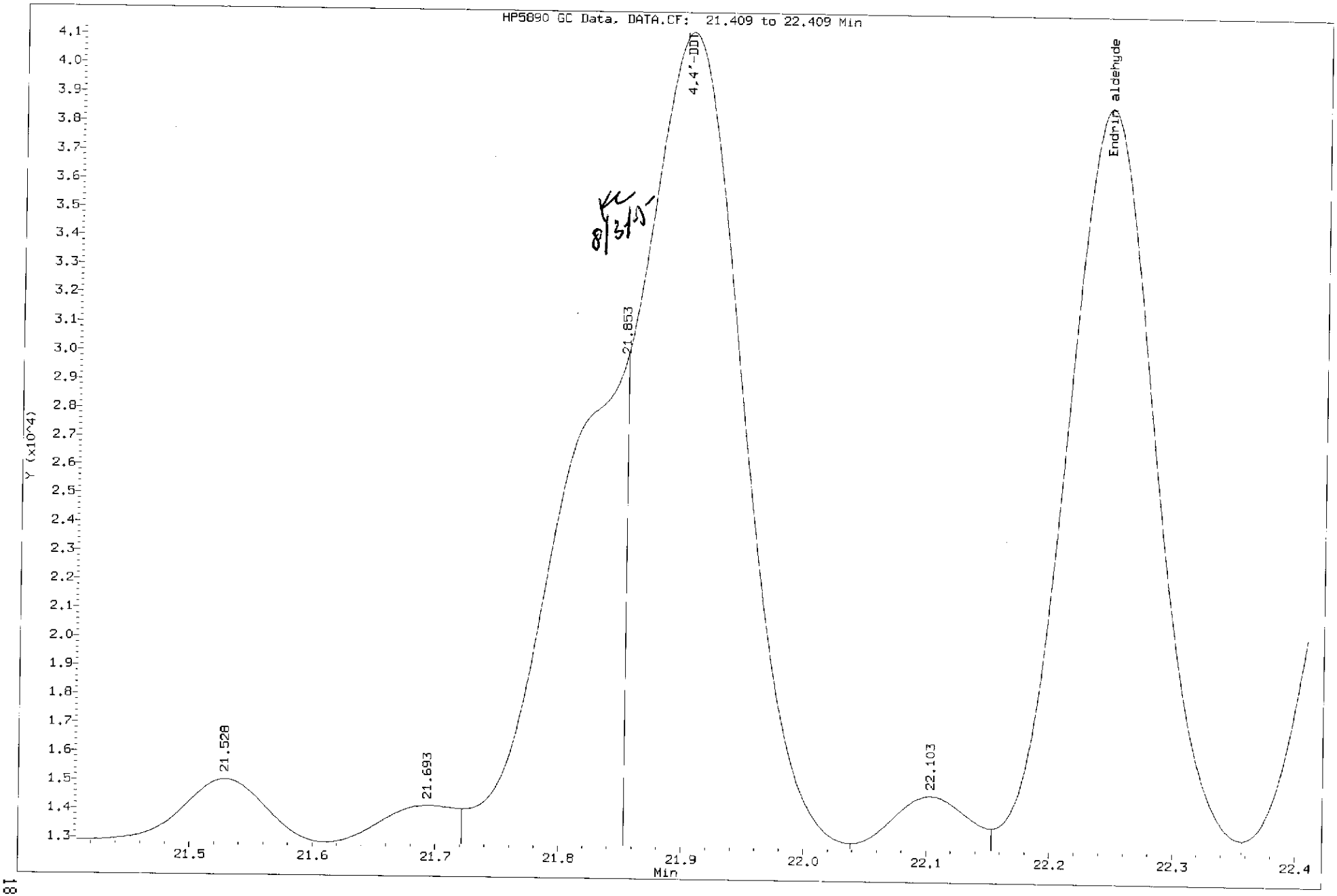
Injection Date: 23-AUG-2005 20:46
Instrument: E2.i
Client Sample ID: SD07-S-M



1802

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7507F.D
Lab Smp Id: D0926-07A Client Smp ID: SD07-S-M
Inj Date : 23-AUG-2005 20:46
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-07A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 13:27 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	47.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.61	7.59	0.020	67395	0.02970	19		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	120824	0.03107	20		
13 4,4'-DDE					CAS #: 72-55-9		
18.7	18.6	0.100	26109	0.01170	7.4		
18 4,4'-DDT					CAS #: 50-29-3		
21.9	21.9	0.000	162813	0.09333	59		(M)

m2 KL 8/30/05

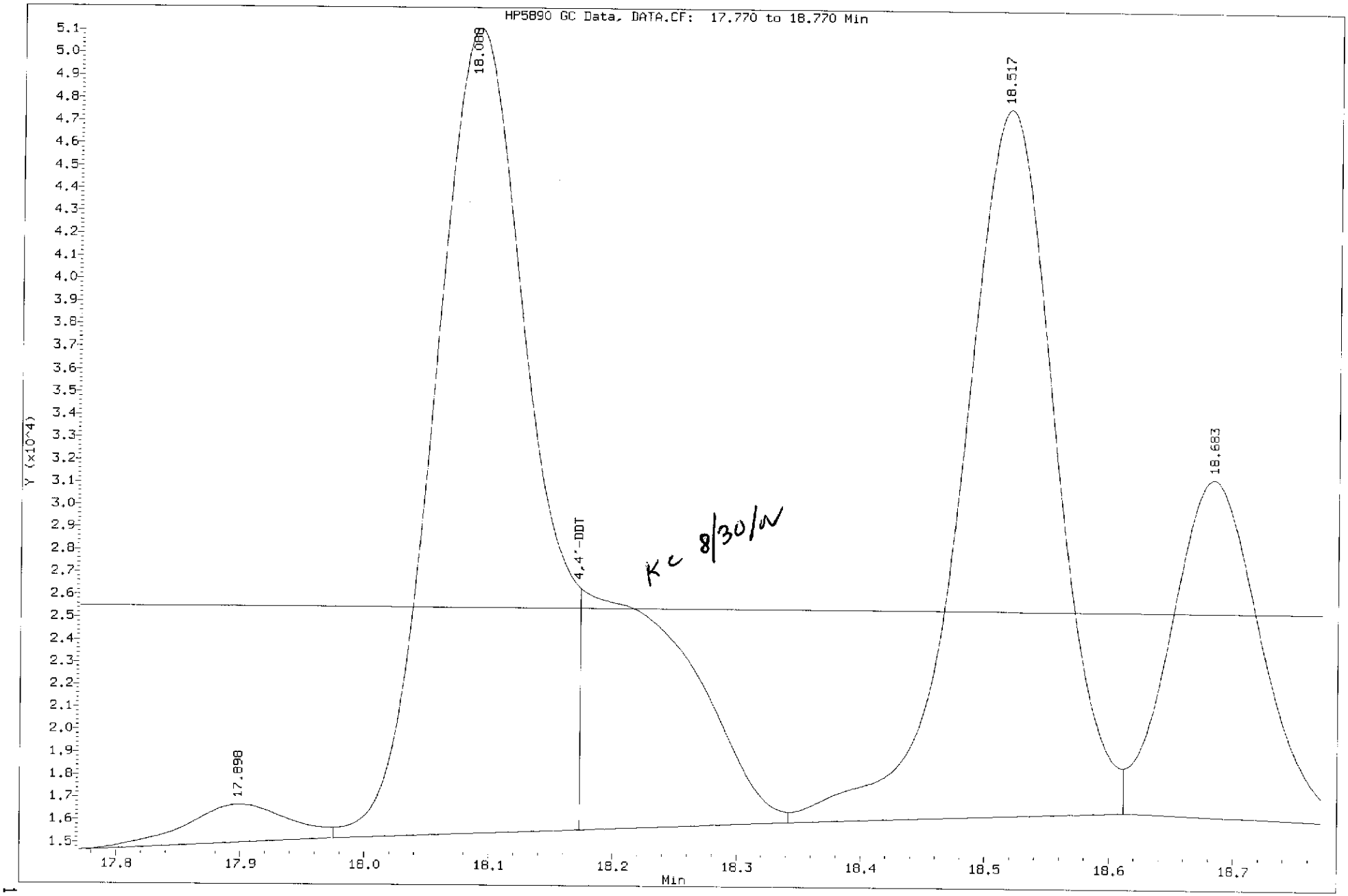
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
20 Endosulfan sulfate					CAS #: 1031-07-8		
23.2	23.2	0.000	20196	0.01243	7.8		
29 Aroclor-1260					CAS #: 11096-82-5		
23.3	23.3	0.000	110228	0.75108	470	80.00- 120.00	100.00
24.2	24.2	0.000	291134	0.82753	520	219.72- 259.72	264.12
25.6	25.5	0.100	227223	0.93078	590	146.34- 186.34	206.14
Average of Peak Concentrations =					530		

QC Flag Legend

M - Compound response manually integrated.

KC
8/30/05

Data File: //AVOGADRO/ORGANICS/organic/svoa/E2.i/050823R.B/E2E7507R.D
Injection Date: 23-AUG-2005 20:46
Instrument: E2.i
Client Sample ID: SD07-S-M



Data File: E2E7507R.D
Report Date: 30-Aug-2005 14:17

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7507R.D
Lab Smp Id: D0926-07A Client Smp ID: SD07-S-M
Inj Date : 23-AUG-2005 20:46
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-07A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\clp1262-e2r.m
Meth Date : 24-Aug-2005 09:30 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	47.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.78	5.77	0.010	71674	0.03563	22		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
25.4	25.4	0.000	178775	0.04944	31		
13 4,4'-DDE					CAS #: 72-55-9		
15.1	15.1	0.000	28127	0.01277	8.0		
18 4,4'-DDT					CAS #: 50-29-3		
18.2	18.3	-0.100	65655	0.03848	24	(M)	

m2
KC
8/30/05

Data File: E2E7507R.D
Report Date: 30-Aug-2005 14:17

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
20 Endosulfan sulfate					CAS #: 1031-07-8		
20.7	20.6	0.100	20931	0.01356	8.5		
29 Aroclor-1260					CAS #: 11096-82-5		
19.4	19.4	0.000	296769	2.55924	1600	80.00- 120.00	100.00
20.5	20.6	-0.100	339448	1.23310	780	217.39- 257.39	114.38
21.6	21.6	0.000	89115	0.43138	270	158.15- 198.15	30.03
Average of Peak Concentrations =					890		

QC Flag Legend

M - Compound response manually integrated.

KL
8/30/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MRE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7558F

% Moisture: 47 Decanted: (Y/N) N Date Received: 08/10/05

Extraction: (Type) SONC Date Extracted: 08/12/05

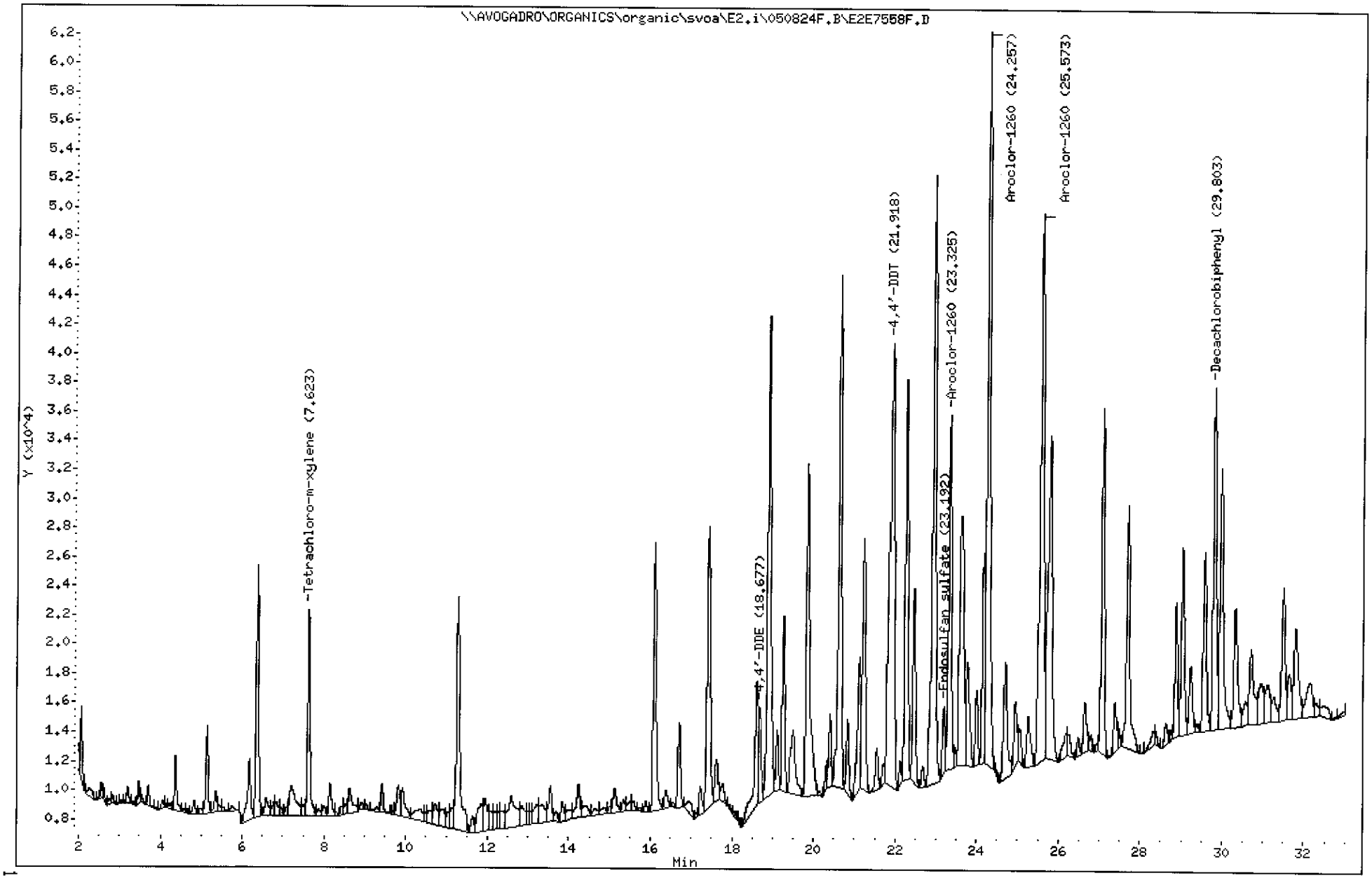
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

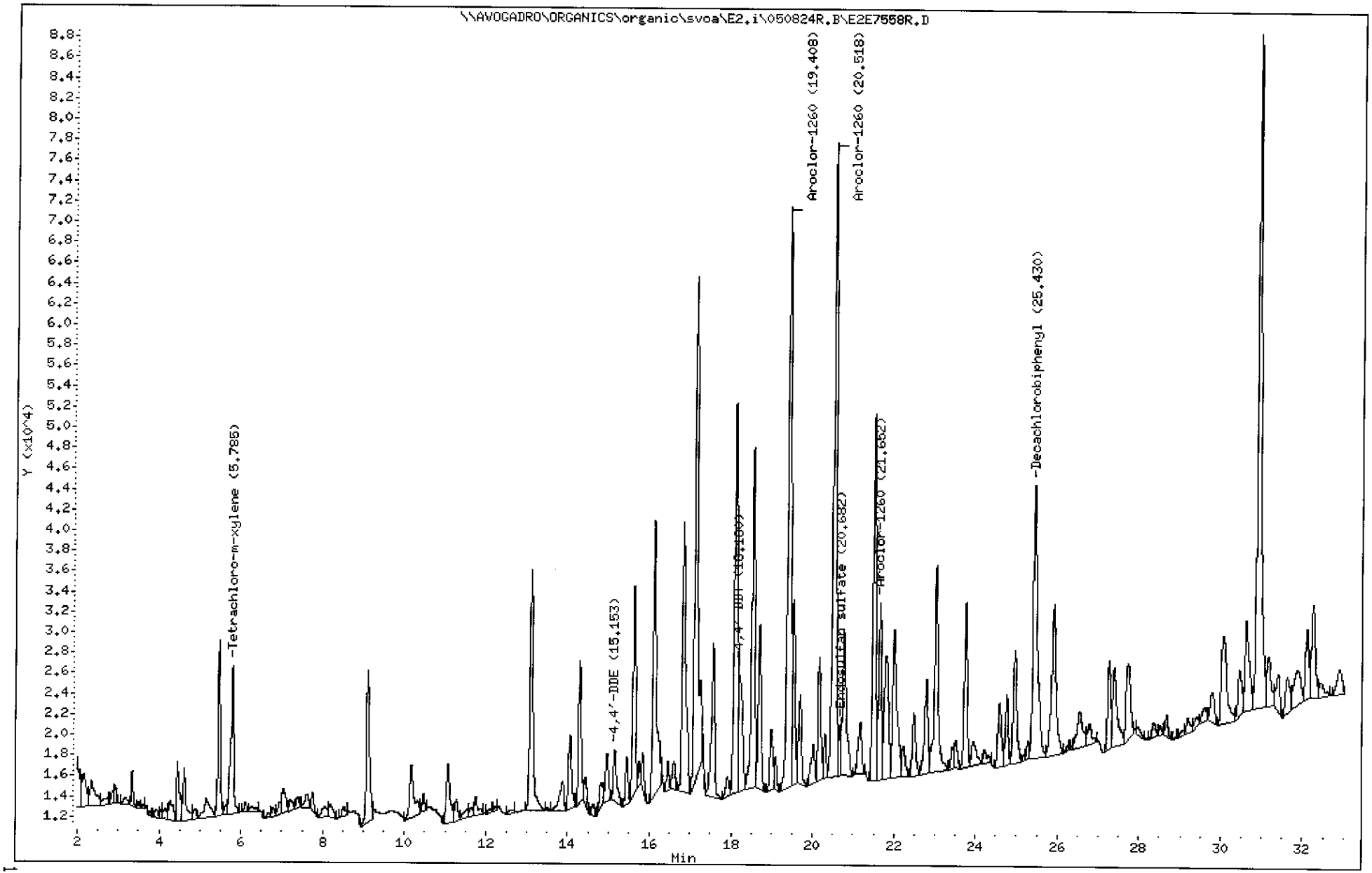
GPC Cleanup: (Y/N) Y pH: 6.9 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	3.2	U
319-85-7	beta-BHC	3.2	U
319-86-8	delta-BHC	3.2	U
58-89-9	gamma-BHC (Lindane)	3.2	U
76-44-8	Heptachlor	3.2	U
309-00-2	Aldrin	3.2	U
1024-57-3	Heptachlor epoxide	3.2	U
959-98-8	Endosulfan I	3.2	U
60-57-1	Dieldrin	6.2	U
72-55-9	4,4'-DDE	7.8	
72-20-8	Endrin	6.2	U
33213-65-9	Endosulfan II	6.2	U
72-54-8	4,4'-DDD	6.2	U
1031-07-8	Endosulfan sulfate	6.9	
50-29-3	4,4'-DDT	28	P
72-43-5	Methoxychlor	32	U
53494-70-5	Endrin ketone	6.2	U
7421-93-4	Endrin aldehyde	6.2	U
5103-71-9	alpha-Chlordane	3.2	U
5103-74-2	gamma-Chlordane	3.2	U
8001-35-2	Toxaphene	320	U
12674-11-2	Aroclor-1016	62	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	62	U
53469-21-9	Aroclor-1242	62	U
12672-29-6	Aroclor-1248	62	U
11097-69-1	Aroclor-1254	62	U
11096-82-5	Aroclor-1260	530	P

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7558F.D
Date : 25-AUG-2005 06:43
Client ID: SD07-S-MRE
Instrument: E2.i
Sample Info: D0926-07ARE,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7558R.D
Date : 25-AUG-2005 06:43
Client ID: SD07-S-MRE
Instrument: E2.i
Sample Info: D0926-07ARE,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7558F.D
Report Date: 29-Aug-2005 16:17

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7558F.D
Lab Smp Id: D0926-07ARE Client Smp ID: SD07-S-MRE
Inj Date : 25-AUG-2005 06:43
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-07ARE,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	47.000	% Moisture

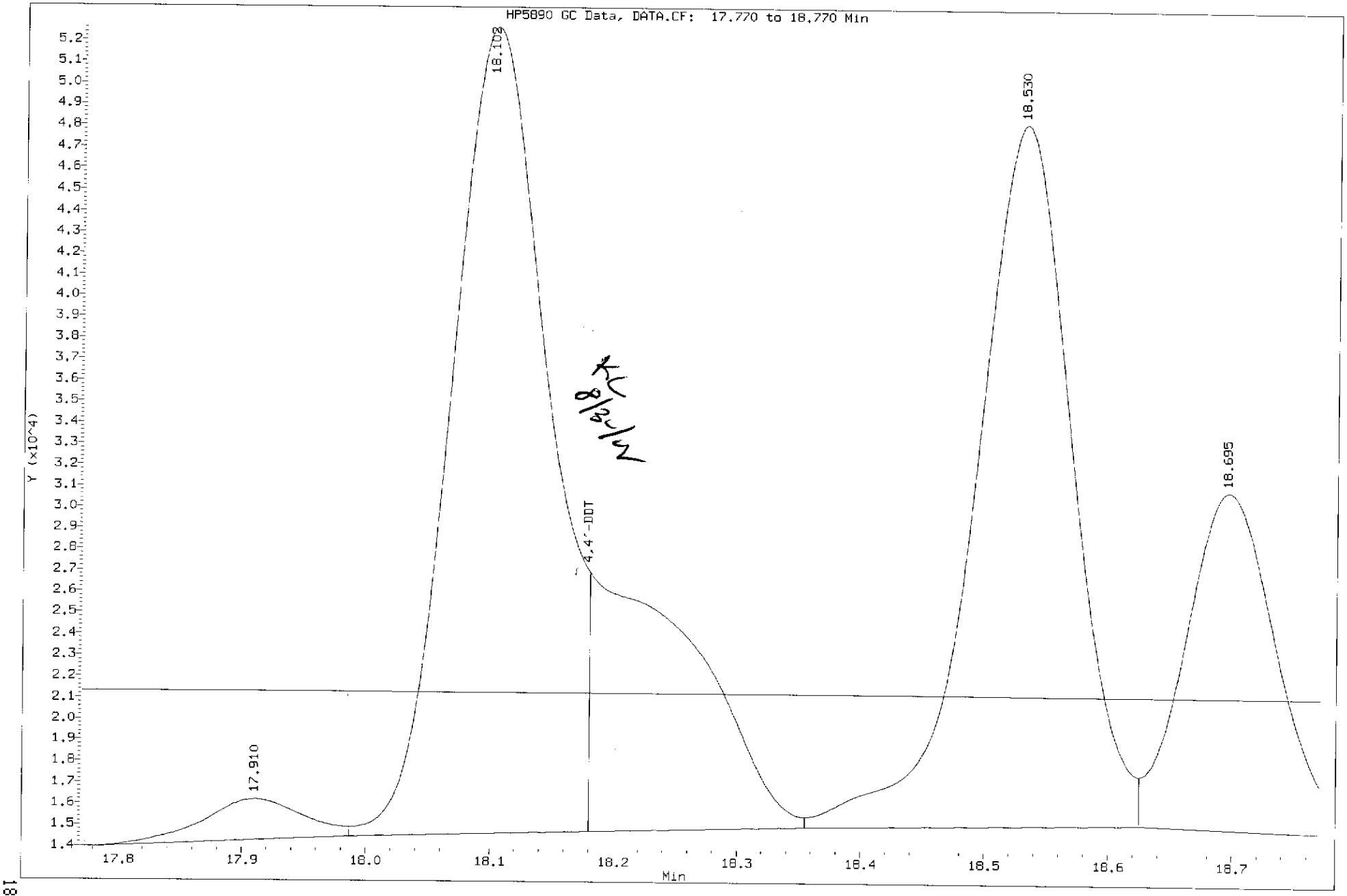
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.62	7.59	0.030	57988	0.02555		16	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	124516	0.03202		20	
13 4,4'-DDE						CAS #: 72-55-9	
18.7	18.6	0.100	27659	0.01239		7.8	
18 4,4'-DDT						CAS #: 50-29-3	
21.9	21.9	0.000	243532	0.13959		88	

Data File: E2E7558F.D
Report Date: 29-Aug-2005 16:17

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
20 Endosulfan sulfate					CAS #: 1031-07-8		
23.2	23.2	0.000	20546	0.01265	8.0		
29 Aroclor-1260					CAS #: 11096-82-5		
23.3	23.3	0.000	116119	0.79122	500	80.00- 120.00	100.00
24.3	24.2	0.100	276970	0.78727	500	219.72- 259.72	238.52
25.6	25.5	0.100	236312	0.96802	610	146.34- 186.34	203.51
Average of Peak Concentrations =					530		

KC
8/31/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7558R.D
Injection Date: 25-AUG-2005 06:43
Instrument: E2.i
Client Sample ID: SD07-S-MRE



Data File: E2E7558R.D
Report Date: 29-Aug-2005 16:29

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7558R.D
Lab Smp Id: D0926-07ARE Client Smp ID: SD07-S-MRE
Inj Date : 25-AUG-2005 06:43
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-07ARE,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	47.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.79	5.77	0.020	75327	0.03745	24		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
25.4	25.4	0.000	191703	0.05302	33		
13 4,4'-DDE					CAS #: 72-55-9		
15.2	15.1	0.100	30521	0.01385	8.7		
18 4,4'-DDT					CAS #: 50-29-3		
18.2	18.3	-0.100	75784	0.04442	28	(M)	

m2 KL 8/31/W

Data File: E2E7558R.D
Report Date: 29-Aug-2005 16:29

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
20 Endosulfan sulfate					CAS #: 1031-07-8		
20.7	20.6	0.100	16968	0.01100	6.9		
29 Aroclor-1260					CAS #: 11096-82-5		
19.4	19.4	0.000	319375	2.75418	1700	80.00- 120.00	100.00
20.5	20.6	-0.100	338121	1.22828	770	217.39- 257.39	105.87
21.7	21.6	0.100	85197	0.41242	260	158.15- 198.15	26.68
Average of Peak Concentrations =					920		

QC Flag Legend

M - Compound response manually integrated.

KC
8/30/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-06A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7543F

% Moisture: 48 Decanted: (Y/N) N Date Received: 08/10/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

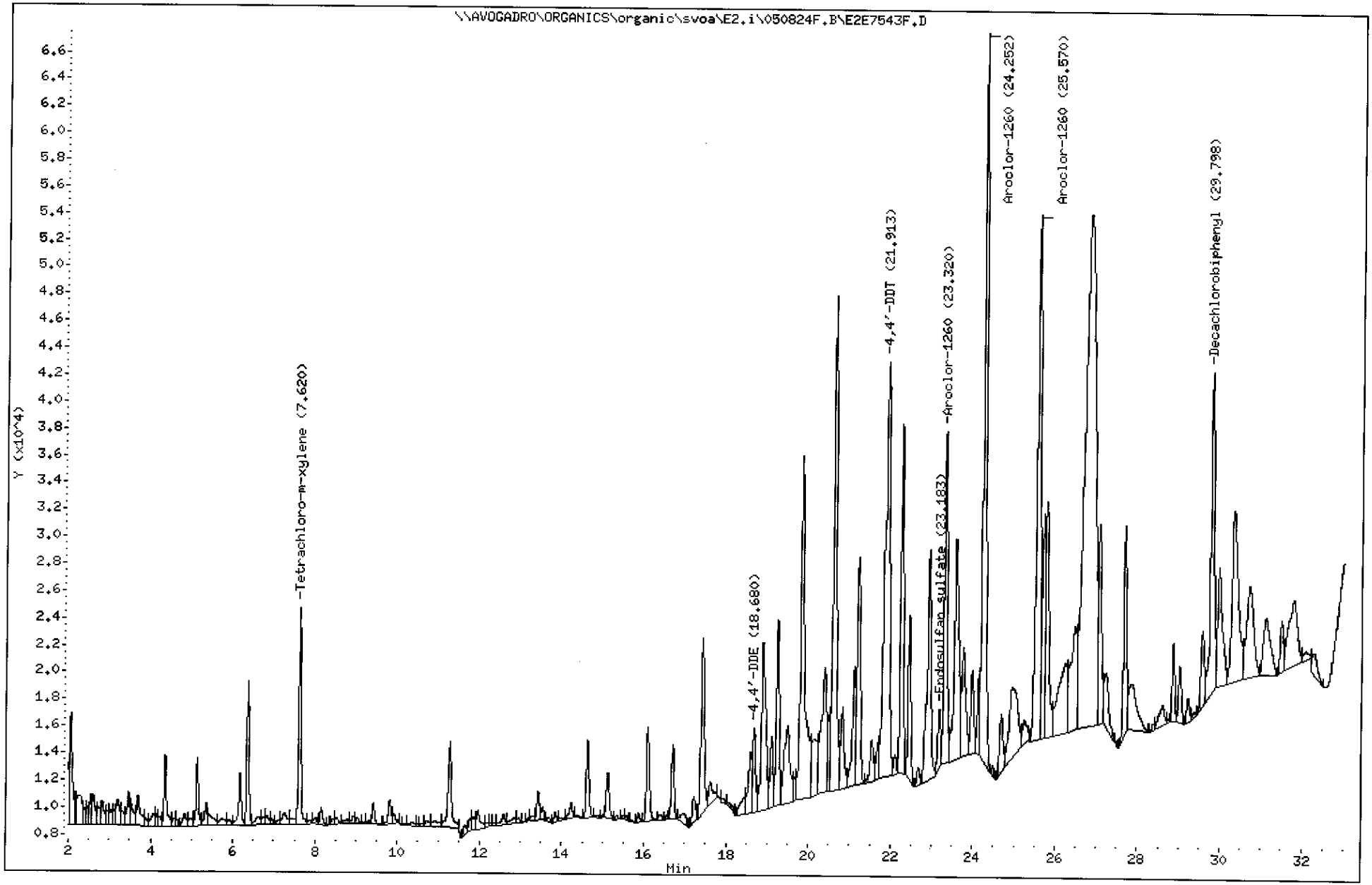
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	3.3	U
319-85-7	beta-BHC	3.3	U
319-86-8	delta-BHC	3.3	U
58-89-9	gamma-BHC (Lindane)	3.3	U
76-44-8	Heptachlor	3.3	U
309-00-2	Aldrin	3.3	U
1024-57-3	Heptachlor epoxide	3.3	U
959-98-8	Endosulfan I	3.3	U
60-57-1	Dieldrin	6.3	U
72-55-9	4,4'-DDE	6.4	P
72-20-8	Endrin	6.3	U
33213-65-9	Endosulfan II	6.3	U
72-54-8	4,4'-DDD	6.3	U
1031-07-8	Endosulfan sulfate	8.7	
50-29-3	4,4'-DDT	29	P
72-43-5	Methoxychlor	33	U
53494-70-5	Endrin ketone	6.3	U
7421-93-4	Endrin aldehyde	6.3	U
5103-71-9	alpha-Chlordane	3.3	U
5103-74-2	gamma-Chlordane	3.3	U
8001-35-2	Toxaphene	330	U
12674-11-2	Aroclor-1016	63	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	63	U
53469-21-9	Aroclor-1242	63	U
12672-29-6	Aroclor-1248	63	U
11097-69-1	Aroclor-1254	63	U
11096-82-5	Aroclor-1260	570	P

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7543F.D
Date : 24-AUG-2005 21:40
Client ID: SD07-S-0
Sample Info: D0926-06A,,19467,clp,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

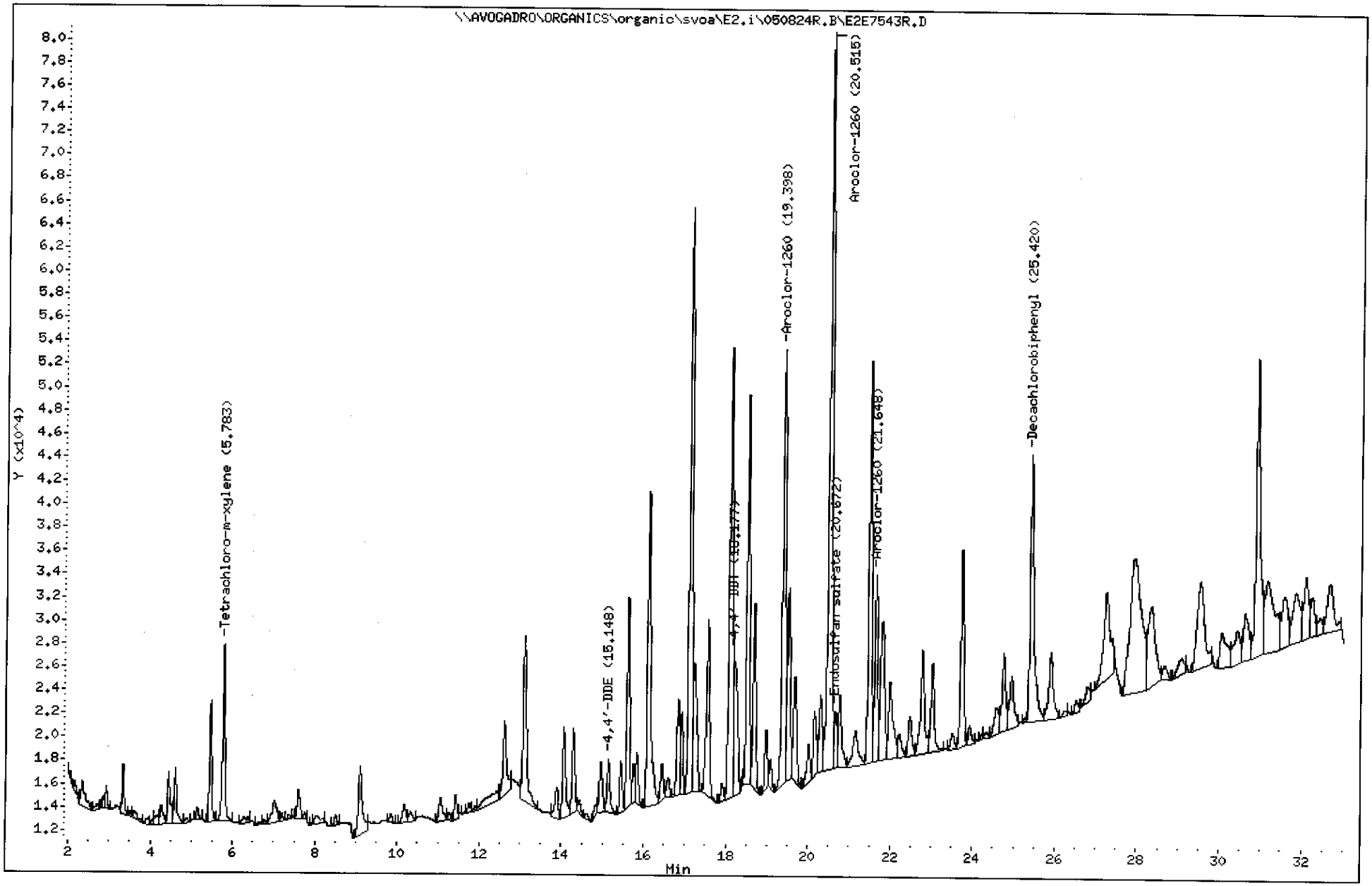
Instrument: E2.i
Operator: SZ SRC: LIMS
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7543R.D
Date : 24-AUG-2005 21:40
Client ID: SD07-S-0
Sample Info: D0926-06A,,19467,clp,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i

Operator: SZ SRC: LIMS
Column diameter: 0.53



Data File: E2E7543F.D
Report Date: 29-Aug-2005 15:40

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7543F.D
Lab Smp Id: D0926-06A Client Smp ID: SD07-S-O
Inj Date : 24-AUG-2005 21:40
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-06A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	48.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1	Tetrachloro-m-xylene					CAS #: 877-09-8		
	7.62	7.59	0.030	63136	0.02782		18	
$ 2	Decachlorobiphenyl					CAS #: 2051-24-3		
	29.8	29.8	0.000	138525	0.03562		23	
13	4,4'-DDE					CAS #: 72-55-9		
	18.7	18.6	0.100	34289	0.01536		9.8	
18	4,4'-DDT					CAS #: 50-29-3		
	21.9	21.9	0.000	256673	0.14713		94	

Data File: E2E7543F.D
Report Date: 29-Aug-2005 15:40

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
20 Endosulfan sulfate					CAS #: 1031-07-8		
23.2	23.2	0.000	22106	0.01361	8.7		
29 Aroclor-1260					CAS #: 11096-82-5		
23.3	23.3	0.000	123459	0.84123	540	80.00- 120.00	100.00
24.3	24.2	0.100	283943	0.80709	520	219.72- 259.72	229.99
25.6	25.5	0.100	250369	1.02560	660	146.34- 186.34	202.80
		Average of Peak Concentrations =			570		

KL
8/30/05

Data File: E2E7543R.D
Report Date: 29-Aug-2005 15:41

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7543R.D
Lab Smp Id: D0926-06A Client Smp ID: SD07-S-O
Inj Date : 24-AUG-2005 21:40
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-06A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	48.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
5.78	5.77	0.010	62865	0.03125	20			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
25.4	25.4	0.000	147632	0.04083	26			
13 4,4'-DDE						CAS #: 72-55-9		
15.1	15.1	0.000	22100	0.01003	6.4			
18 4,4'-DDT						CAS #: 50-29-3		
18.2	18.3	-0.100	76511	0.04485	29			(M)

Data File: E2E7543R.D
Report Date: 29-Aug-2005 15:41

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
20 Endosulfan sulfate					CAS #: 1031-07-8		
20.7	20.6	0.100	20847	0.01351	8.7		
29 Aroclor-1260					CAS #: 11096-82-5		
19.4	19.4	0.000	205439	1.77164	1100	80.00- 120.00	100.00
20.5	20.6	-0.100	351054	1.27526	820	217.39- 257.39	170.88
21.6	21.6	0.000	75764	0.36675	240	158.15- 198.15	36.88
Average of Peak Concentrations =					730		

QC Flag Legend

M - Compound response manually integrated.

KL 8/30/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD08-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-11A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E2E7545F

% Moisture: 69 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

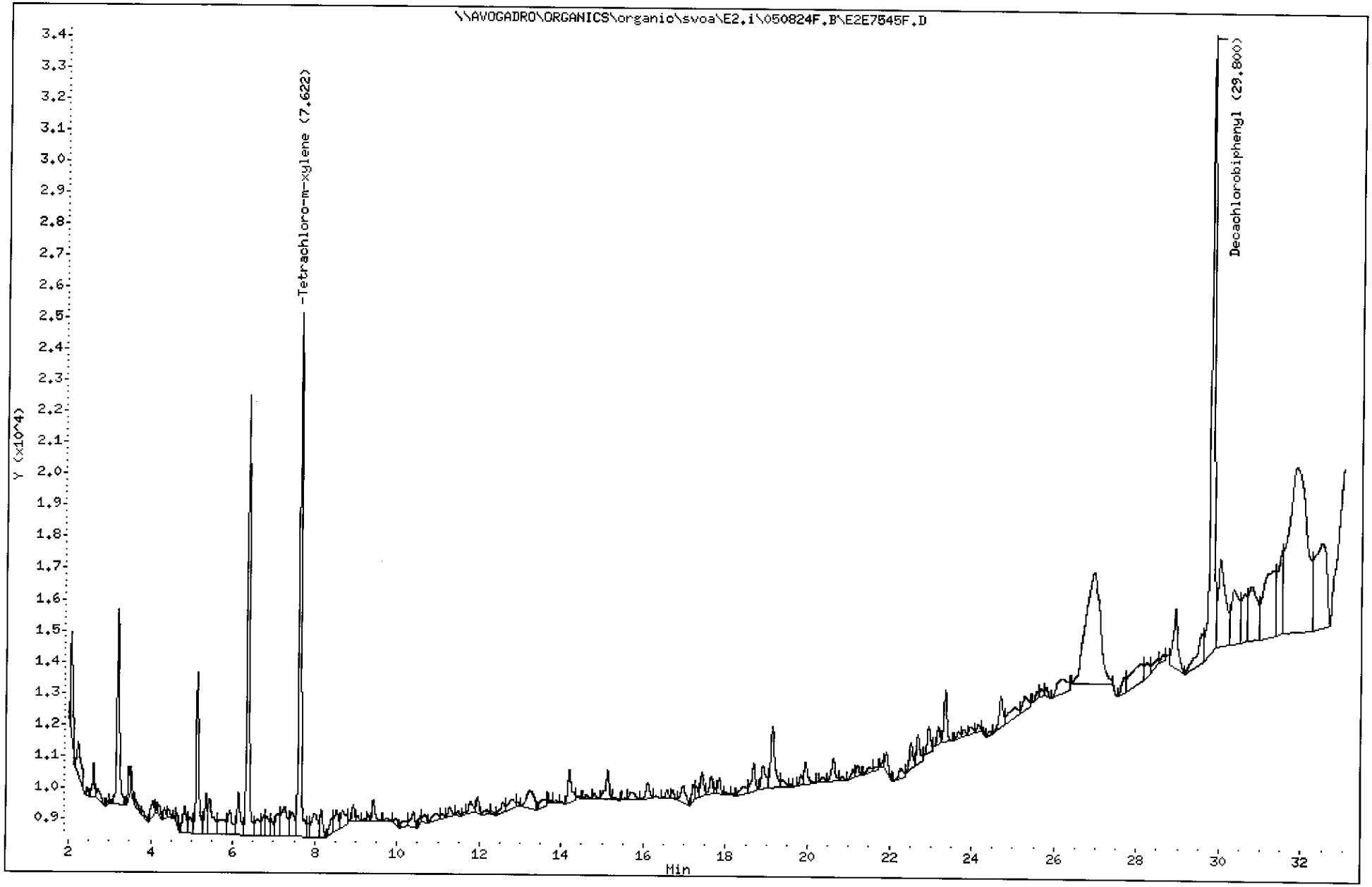
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.9 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	5.5	U
319-85-7	beta-BHC	5.5	U
319-86-8	delta-BHC	5.5	U
58-89-9	gamma-BHC (Lindane)	5.5	U
76-44-8	Heptachlor	5.5	U
309-00-2	Aldrin	5.5	U
1024-57-3	Heptachlor epoxide	5.5	U
959-98-8	Endosulfan I	5.5	U
60-57-1	Dieldrin	11	U
72-55-9	4,4'-DDE	11	U
72-20-8	Endrin	11	U
33213-65-9	Endosulfan II	11	U
72-54-8	4,4'-DDD	11	U
1031-07-8	Endosulfan sulfate	11	U
50-29-3	4,4'-DDT	11	U
72-43-5	Methoxychlor	55	U
53494-70-5	Endrin ketone	11	U
7421-93-4	Endrin aldehyde	11	U
5103-71-9	alpha-Chlordane	5.5	U
5103-74-2	gamma-Chlordane	5.5	U
8001-35-2	Toxaphene	550	U
12674-11-2	Aroclor-1016	110	U
11104-28-2	Aroclor-1221	220	U
11141-16-5	Aroclor-1232	110	U
53469-21-9	Aroclor-1242	110	U
12672-29-6	Aroclor-1248	110	U
11097-69-1	Aroclor-1254	110	U
11096-82-5	Aroclor-1260	110	U

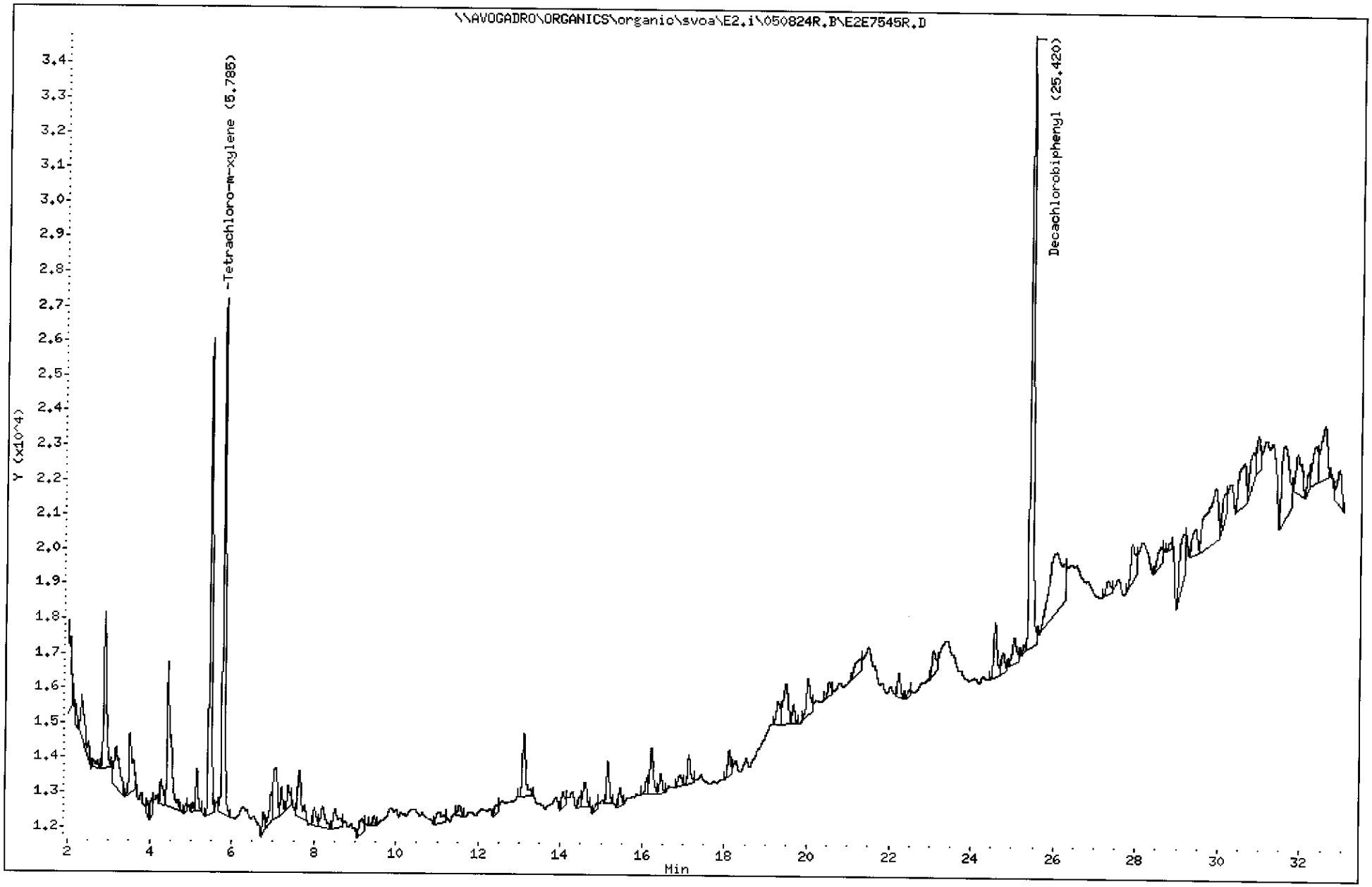
Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7545F.D
Date : 24-AUG-2005 22:53
Client ID: SD08-S-0
Sample Info: D0926-11A,,19467,clp,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E2.i
Operator: SZ SRC: LIMS
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7545R.D
Date : 24-AUG-2005 22:53
Client ID: SD08-S-0
Sample Info: D0926-11A,,19467,clp.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i
Operator: SZ SRC: LIMS
Column diameter: 0.53



Data File: E2E7545F.D
Report Date: 29-Aug-2005 15:41

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7545F.D
Lab Smp Id: D0926-11A Client Smp ID: SD08-S-O
Inj Date : 24-AUG-2005 22:53
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-11A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	69.000	% Moisture

				CONCENTRATIONS			
				ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.62	7.59	0.030	68573	0.03022		32	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	113422	0.02917		31	

KL 8/30/05

Data File: E2E7545R.D
Report Date: 29-Aug-2005 15:42

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7545R.D
Lab Smp Id: D0926-11A Client Smp ID: SD08-S-O
Inj Date : 24-AUG-2005 22:53
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-11A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	69.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.79	5.77	0.020	55962	0.02782		30	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	90722	0.02509		27	

KC
8/3-/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD09-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-10A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E2E7534F

% Moisture: 40 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

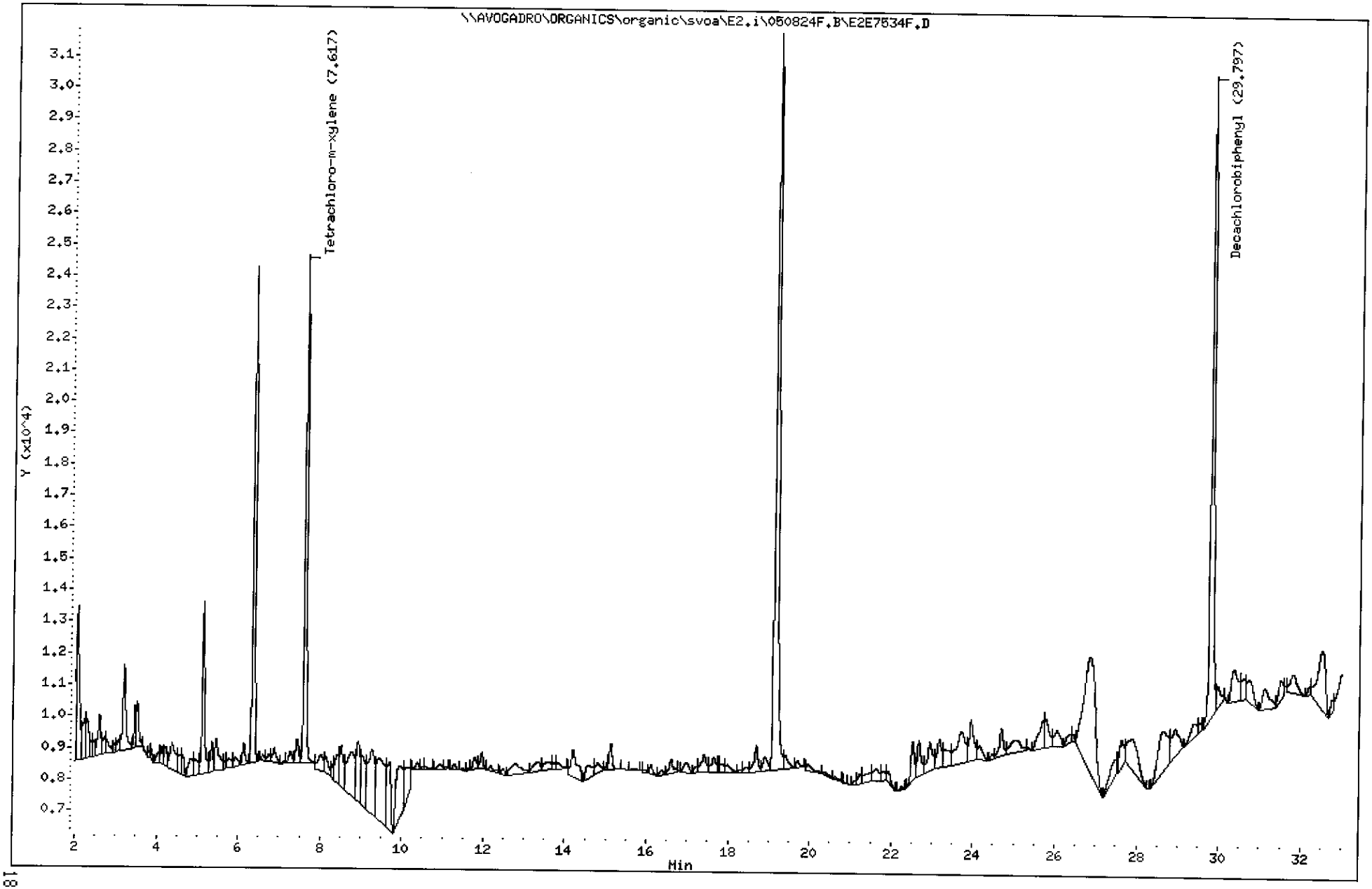
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.1 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.8	U
319-85-7	beta-BHC	2.8	U
319-86-8	delta-BHC	2.8	U
58-89-9	gamma-BHC (Lindane)	2.8	U
76-44-8	Heptachlor	2.8	U
309-00-2	Aldrin	2.8	U
1024-57-3	Heptachlor epoxide	2.8	U
959-98-8	Endosulfan I	2.8	U
60-57-1	Dieldrin	5.5	U
72-55-9	4,4'-DDE	5.5	U
72-20-8	Endrin	5.5	U
33213-65-9	Endosulfan II	5.5	U
72-54-8	4,4'-DDD	5.5	U
1031-07-8	Endosulfan sulfate	5.5	U
50-29-3	4,4'-DDT	5.5	U
72-43-5	Methoxychlor	28	U
53494-70-5	Endrin ketone	5.5	U
7421-93-4	Endrin aldehyde	5.5	U
5103-71-9	alpha-Chlordane	2.8	U
5103-74-2	gamma-Chlordane	2.8	U
8001-35-2	Toxaphene	280	U
12674-11-2	Aroclor-1016	55	U
11104-28-2	Aroclor-1221	110	U
11141-16-5	Aroclor-1232	55	U
53469-21-9	Aroclor-1242	55	U
12672-29-6	Aroclor-1248	55	U
11097-69-1	Aroclor-1254	55	U
11096-82-5	Aroclor-1260	55	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7534F.D
Date : 24-AUG-2005 16:14
Client ID: SD09-S-0
Sample Info: D0926-10A,,19467,clp.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

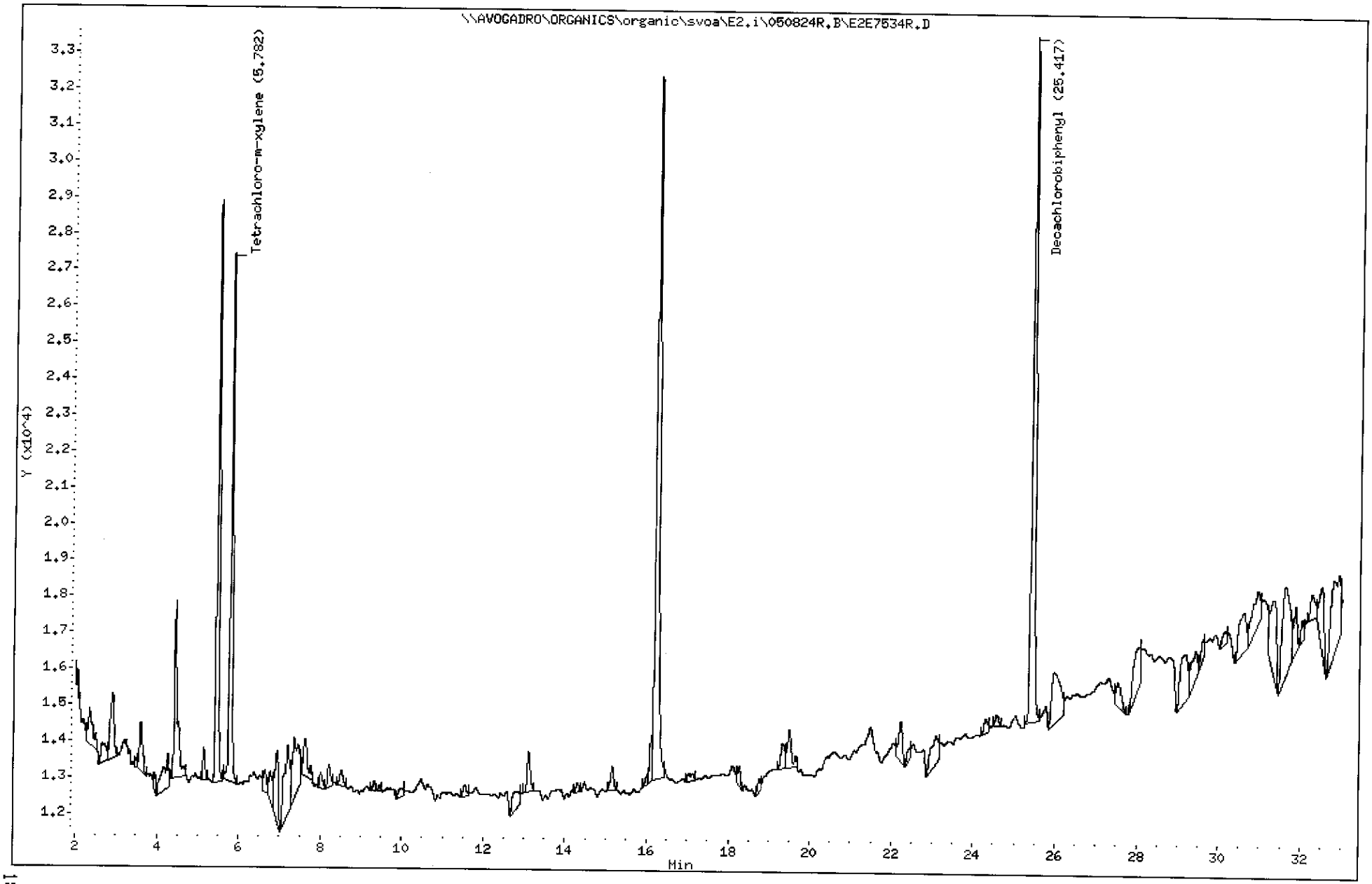
Instrument: E2.i
Operator: SZ SRC: LIMS
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7534R.D
Date : 24-AUG-2005 16:14
Client ID: SD09-S-0
Sample Info: D0926-10A,,19467,clp,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i

Operator: SZ SRC: LIMS
Column diameter: 0.53



1830

Data File: E2E7534F.D
Report Date: 29-Aug-2005 14:05

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7534F.D
Lab Smp Id: D0926-10A Client Smp ID: SD09-S-O
Inj Date : 24-AUG-2005 16:14
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-10A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	40.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.62	7.59	0.030	61209	0.02697		15	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	106822	0.02747		15	

KL 8/31/05

Data File: E2E7534R.D
Report Date: 29-Aug-2005 14:04

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7534R.D
Lab Smp Id: D0926-10A Client Smp ID: SD09-S-O
Inj Date : 24-AUG-2005 16:14
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-10A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	40.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.78	5.77	0.010	54867	0.02727		15	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	97446	0.02695		15	

KL 8/31/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD10-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-12A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7546F

% Moisture: 50 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

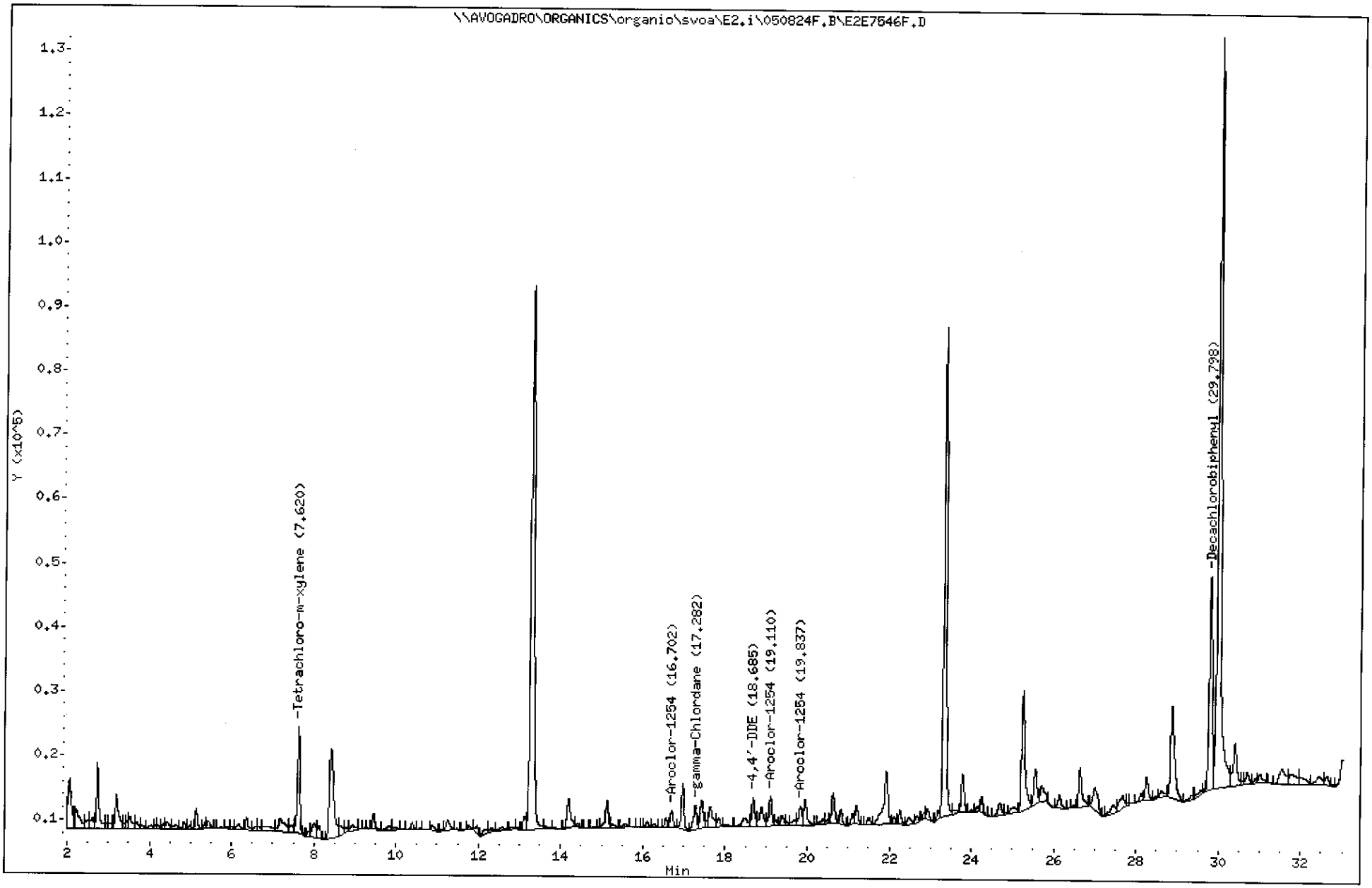
GPC Cleanup: (Y/N) Y pH: 5.7 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	3.4	U
319-85-7	beta-BHC	3.4	U
319-86-8	delta-BHC	3.4	U
58-89-9	gamma-BHC (Lindane)	3.4	U
76-44-8	Heptachlor	3.4	U
309-00-2	Aldrin	3.4	U
1024-57-3	Heptachlor epoxide	3.4	U
959-98-8	Endosulfan I	3.4	U
60-57-1	Dieldrin	6.6	U
72-55-9	4,4'-DDE	7.5	
72-20-8	Endrin	6.6	U
33213-65-9	Endosulfan II	6.6	U
72-54-8	4,4'-DDD	6.6	U
1031-07-8	Endosulfan sulfate	6.6	U
50-29-3	4,4'-DDT	6.6	U
72-43-5	Methoxychlor	34	U
53494-70-5	Endrin ketone	6.6	U
7421-93-4	Endrin aldehyde	6.6	U
5103-71-9	alpha-Chlordane	3.4	U
5103-74-2	gamma-Chlordane	5.0	
8001-35-2	Toxaphene	340	U
12674-11-2	Aroclor-1016	66	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	66	U
53469-21-9	Aroclor-1242	66	U
12672-29-6	Aroclor-1248	66	U
11097-69-1	Aroclor-1254	82	P
11096-82-5	Aroclor-1260	66	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7546F.D
Date : 24-AUG-2005 23:29
Client ID: SD10-S-0
Sample Info: D0926-12A,,19467,clp.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E2.i

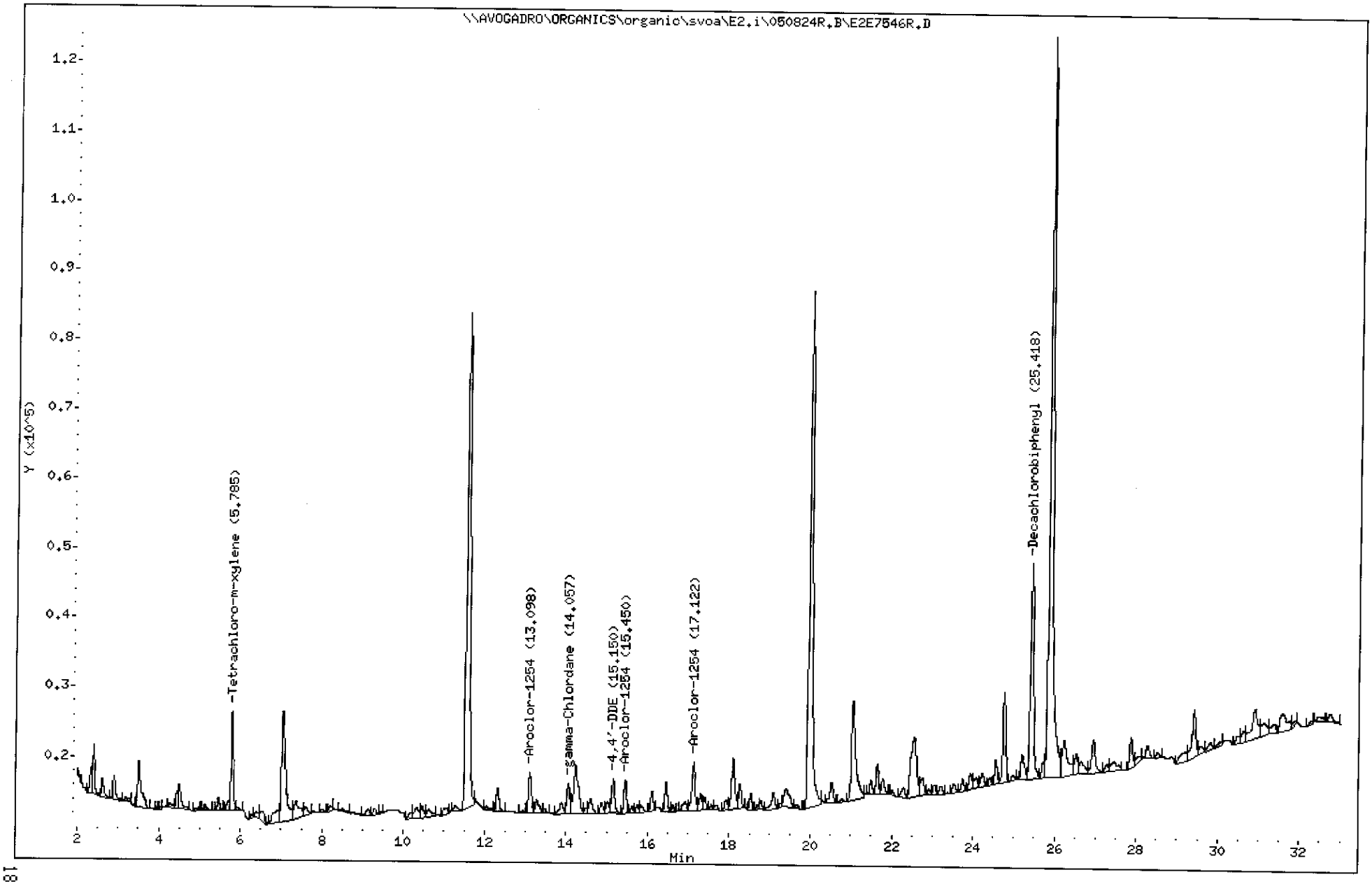
Operator: SZ SRC: LIMS
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7546R.D
Date : 24-AUG-2005 23:29
Client ID: SD10-S-0
Sample Info: D0926-12A,,19467,clp,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i

Operator: SZ SRC: LIMS
Column diameter: 0.53



1835

Data File: E2E7546F.D
Report Date: 29-Aug-2005 15:41

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7546F.D
Lab Smp Id: D0926-12A Client Smp ID: SD10-S-O
Inj Date : 24-AUG-2005 23:29
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-12A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	50.000	% Moisture

			CONCENTRATIONS			
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.62	7.59	0.030	69718	0.03072	20		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	175599	0.04515	30		
11 gamma-Chlordane					CAS #: 5103-74-2		
17.3	17.3	0.000	20622	0.00746	5.0		
13 4,4'-DDE					CAS #: 72-55-9		
18.7	18.6	0.100	24973	0.01119	7.5		

KL
8/3/06

Data File: E2E7546F.D
Report Date: 29-Aug-2005 15:41

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
28 Aroclor-1254					CAS #: 11097-69-1		
16.7	16.7	0.000	13274	0.09044	60	80.00- 120.00	100.00
19.1	19.1	0.000	24392	0.12155	81	116.73- 156.73	183.76
19.8	19.8	0.000	15672	0.15692	100	48.05- 88.05	118.07
		Average of Peak Concentrations =			82		

KL 8/31/05

Data File: E2E7546R.D
Report Date: 29-Aug-2005 15:42

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7546R.D
Lab Smp Id: D0926-12A Client Smp ID: SD10-S-O
Inj Date : 24-AUG-2005 23:29
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-12A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	50.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.79	5.77	0.020	52871	0.02628		18	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	164968	0.04562		30	
11 gamma-Chlordane						CAS #: 5103-74-2	
14.1	14.1	0.000	22767	0.00854		5.7	
13 4,4'-DDE						CAS #: 72-55-9	
15.2	15.1	0.100	27627	0.01254		8.4	

Data File: E2E7546R.D
Report Date: 29-Aug-2005 15:42

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
28 Aroclor-1254					CAS #: 11097-69-1		
13.1	13.1	0.000	30897	0.26405	180	80.00- 120.00	100.00
15.5	15.5	0.000	21879	0.18671	120	80.15- 120.15	70.81
17.1	17.1	0.000	39398	0.29266	200	95.05- 135.05	127.51
	Average of Peak Concentrations =				170		

KC
8/30/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD11-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-13A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7547F

% Moisture: 81 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

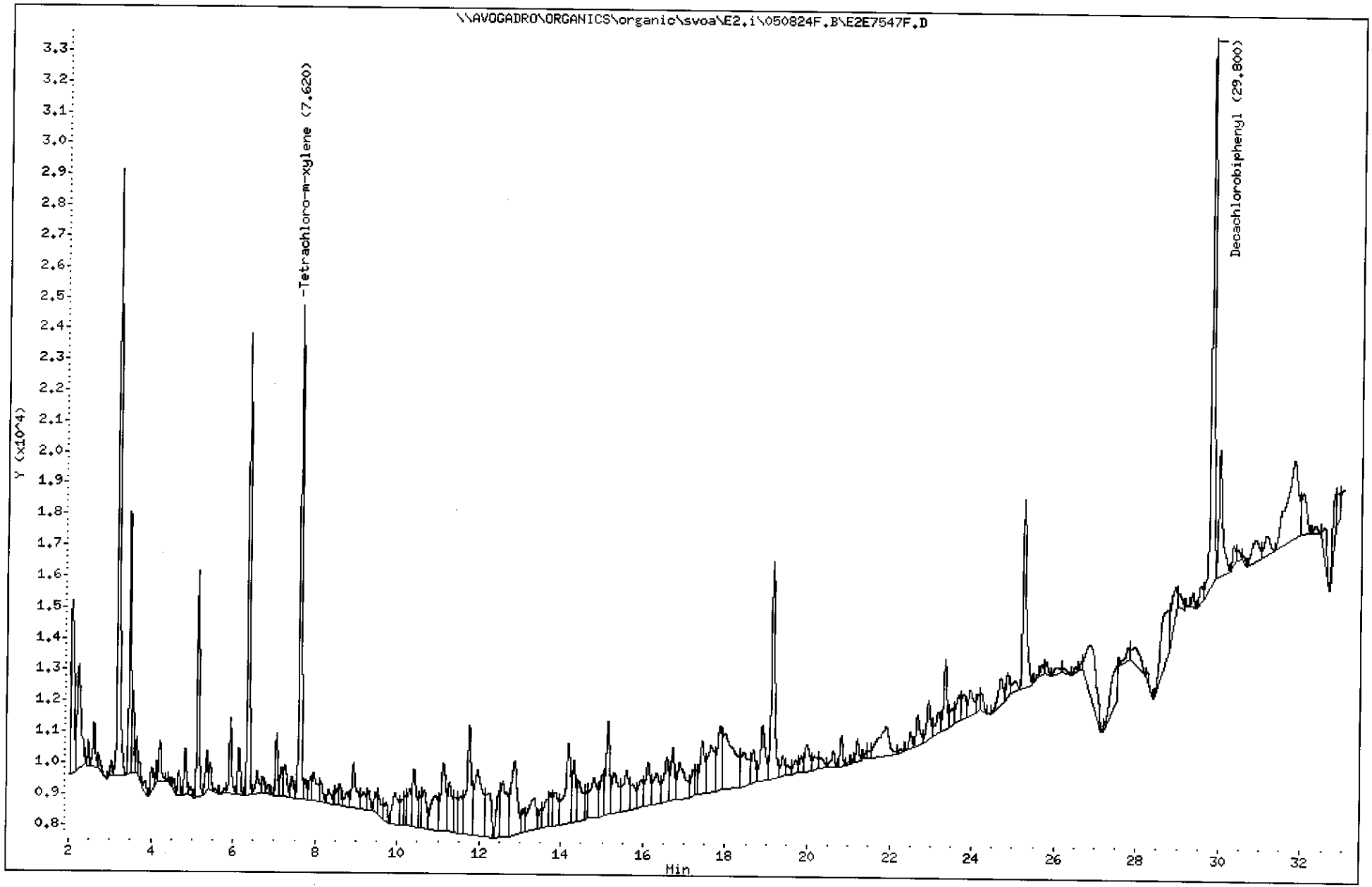
GPC Cleanup: (Y/N) Y pH: 7.4 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	8.9	U
319-85-7	beta-BHC	8.9	U
319-86-8	delta-BHC	8.9	U
58-89-9	gamma-BHC (Lindane)	8.9	U
76-44-8	Heptachlor	8.9	U
309-00-2	Aldrin	8.9	U
1024-57-3	Heptachlor epoxide	8.9	U
959-98-8	Endosulfan I	8.9	U
60-57-1	Dieldrin	17	U
72-55-9	4,4'-DDE	17	U
72-20-8	Endrin	17	U
33213-65-9	Endosulfan II	17	U
72-54-8	4,4'-DDD	17	U
1031-07-8	Endosulfan sulfate	17	U
50-29-3	4,4'-DDT	17	U
72-43-5	Methoxychlor	89	U
53494-70-5	Endrin ketone	17	U
7421-93-4	Endrin aldehyde	17	U
5103-71-9	alpha-Chlordane	8.9	U
5103-74-2	gamma-Chlordane	8.9	U
8001-35-2	Toxaphene	890	U
12674-11-2	Aroclor-1016	170	U
11104-28-2	Aroclor-1221	350	U
11141-16-5	Aroclor-1232	170	U
53469-21-9	Aroclor-1242	170	U
12672-29-6	Aroclor-1248	170	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7547F.D
Date : 25-AUG-2005 00:05
Client ID: SD11-S-0
Sample Info: D0926-13A,,19467,clp,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E2.i

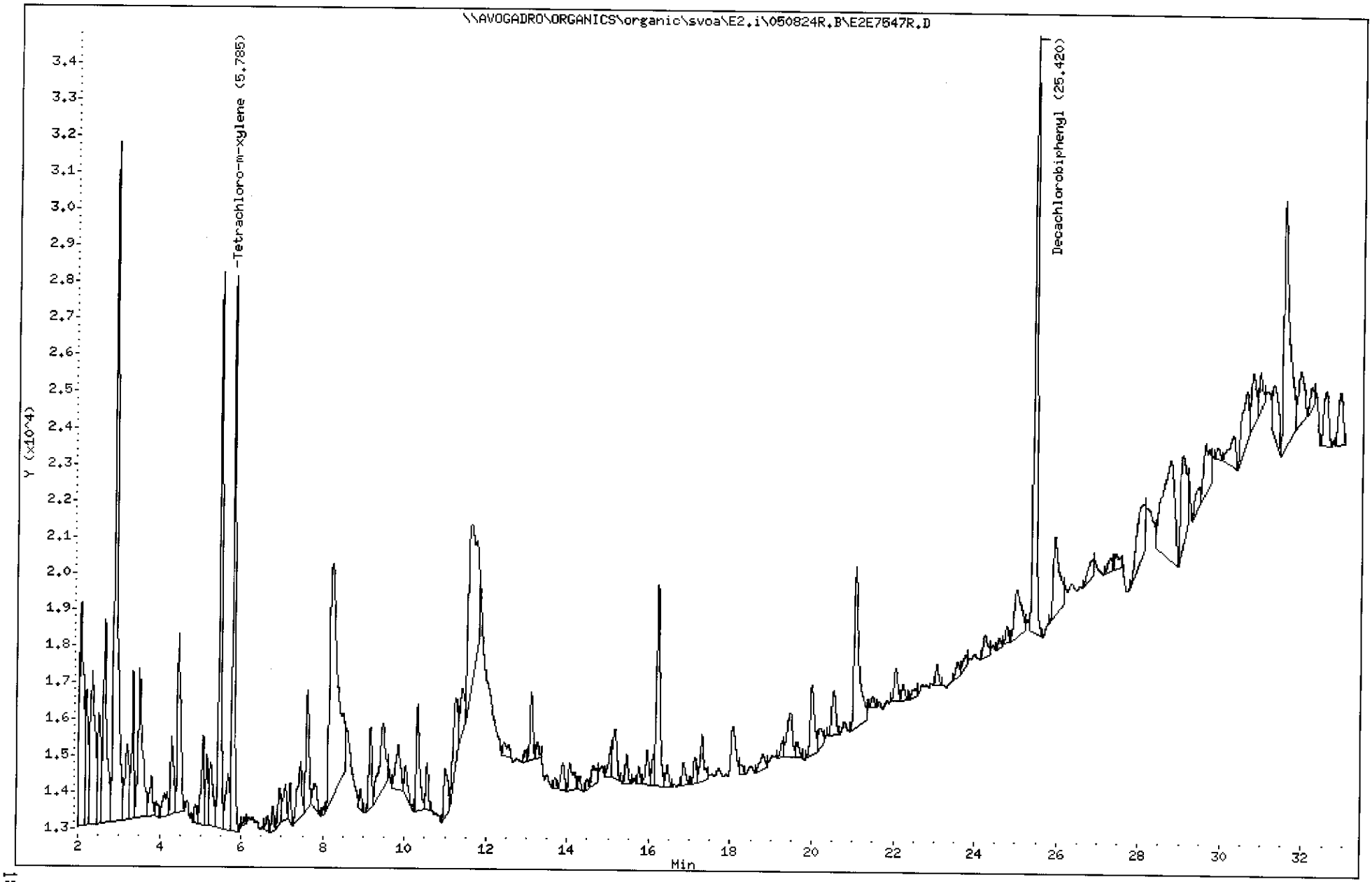
Operator: SZ SRC: LIMS
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7547R.D
Date : 25-AUG-2005 00:05
Client ID: SD11-S-0
Sample Info: D0926-13A,,19467,clp,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i

Operator: SZ SRC: LIMS
Column diameter: 0.53



Data File: E2E7547F.D
Report Date: 29-Aug-2005 15:41

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7547F.D
Lab Smp Id: D0926-13A Client Smp ID: SD11-S-O
Inj Date : 25-AUG-2005 00:05
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-13A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	81.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.62	7.59	0.030	60524	0.02667		47	
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	92360	0.02375		42	

KC
8/31/05

Data File: E2E7547R.D
Report Date: 29-Aug-2005 16:04

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7547R.D
Lab Smp Id: D0926-13A Client Smp ID: SD11-S-O
Inj Date : 25-AUG-2005 00:05
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-13A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	81.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.79	5.77	0.020	61758	0.03070		54	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	84256	0.02330		41	

KC
8/30/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD12-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-04A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7531F

% Moisture: 63 Decanted: (Y/N) N Date Received: 08/10/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

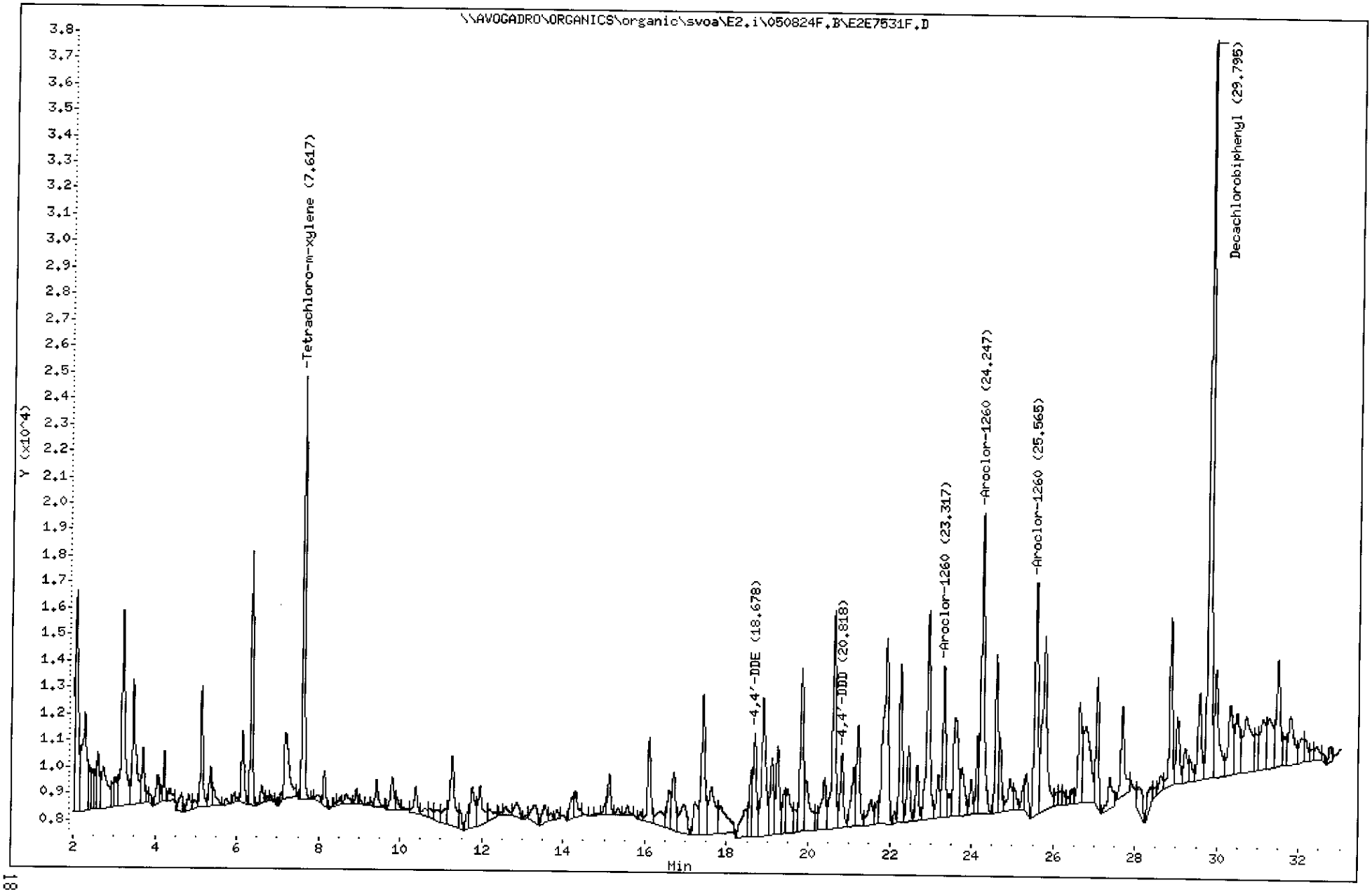
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	4.6	U
319-85-7	beta-BHC	4.6	U
319-86-8	delta-BHC	4.6	U
58-89-9	gamma-BHC (Lindane)	4.6	U
76-44-8	Heptachlor	4.6	U
309-00-2	Aldrin	4.6	U
1024-57-3	Heptachlor epoxide	4.6	U
959-98-8	Endosulfan I	4.6	U
60-57-1	Dieldrin	8.9	U
72-55-9	4,4'-DDE	9.0	
72-20-8	Endrin	8.9	U
33213-65-9	Endosulfan II	8.9	U
72-54-8	4,4'-DDD	9.2	P
1031-07-8	Endosulfan sulfate	8.9	U
50-29-3	4,4'-DDT	8.9	U
72-43-5	Methoxychlor	46	U
53494-70-5	Endrin ketone	8.9	U
7421-93-4	Endrin aldehyde	8.9	U
5103-71-9	alpha-Chlordane	4.6	U
5103-74-2	gamma-Chlordane	4.6	U
8001-35-2	Toxaphene	460	U
12674-11-2	Aroclor-1016	89	U
11104-28-2	Aroclor-1221	180	U
11141-16-5	Aroclor-1232	89	U
53469-21-9	Aroclor-1242	89	U
12672-29-6	Aroclor-1248	89	U
11097-69-1	Aroclor-1254	89	U
11096-82-5	Aroclor-1260	170	P

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7531F.D
Date : 24-AUG-2005 14:26
Client ID: SD12-S-0
Sample Info: D0926-04A,,19467,clp,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

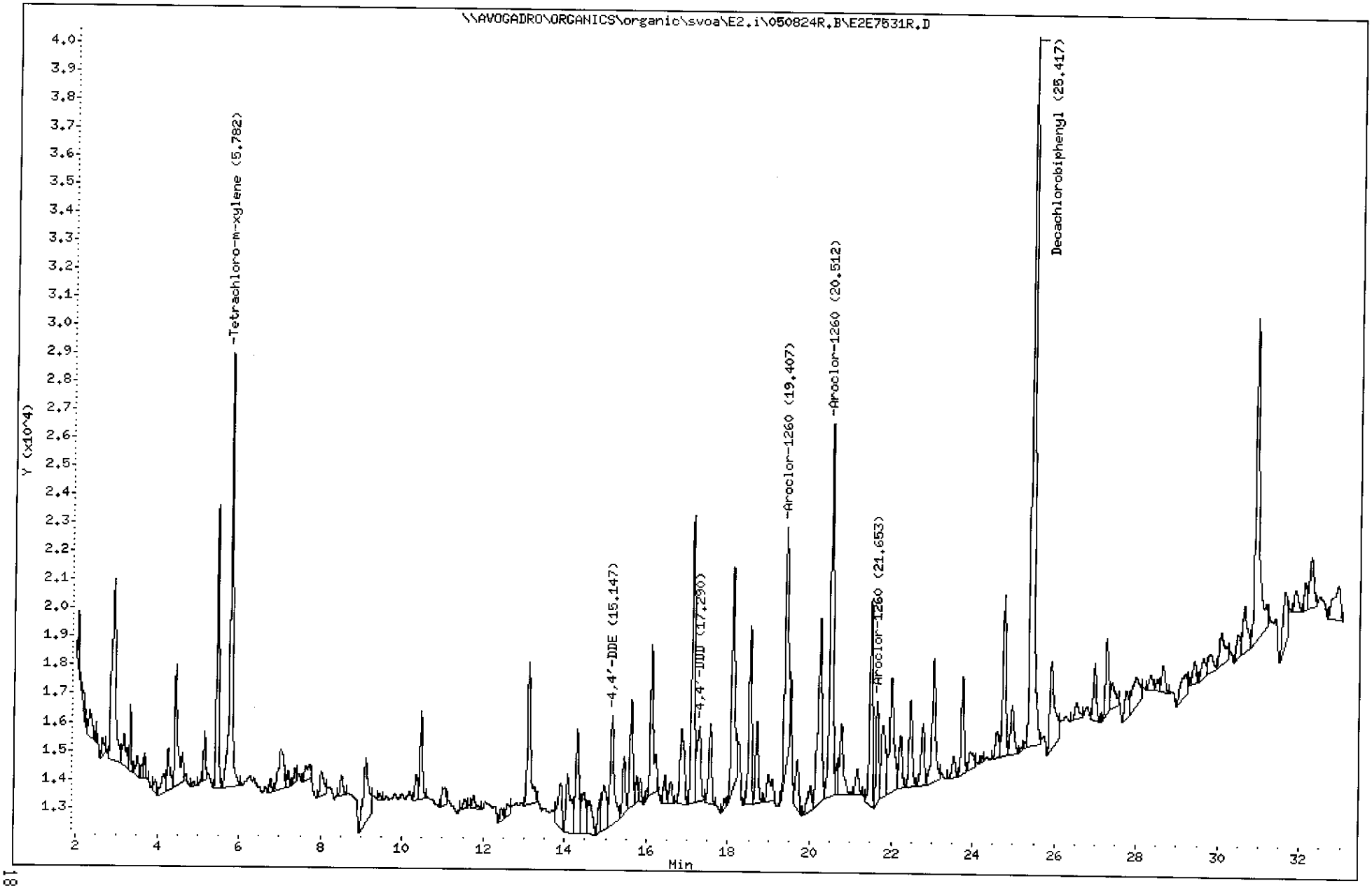
Instrument: E2.i
Operator: SZ SRC: LIMS
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7531R.D
Date : 24-AUG-2005 14:26
Client ID: SD12-S-0
Sample Info: D0926-04A,,19467,clp.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i

Operator: SZ SRC: LIMS
Column diameter: 0.53



Data File: E2E7531F.D
Report Date: 29-Aug-2005 14:04

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7531F.D
Lab Smp Id: D0926-04A Client Smp ID: SD12-S-O
Inj Date : 24-AUG-2005 14:26
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-04A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	63.000	% Moisture

				CONCENTRATIONS			
				ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.62	7.59	0.030	60401	0.02662		24	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	147902	0.03803		34	
13 4,4'-DDE						CAS #: 72-55-9	
18.7	18.6	0.100	22205	0.00995		9.0	
16 4,4'-DDD						CAS #: 72-54-8	
20.8	20.8	0.000	15337	0.01021		9.2	

Data File: E2E7531F.D
Report Date: 29-Aug-2005 14:04

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
29 Aroclor-1260					CAS #: 11096-82-5		
23.3	23.3	0.000	28765	0.19600	180	80.00- 120.00	100.00
24.2	24.2	0.000	63958	0.18180	160	219.72- 259.72	222.35
25.6	25.5	0.100	49851	0.20421	180	146.34- 186.34	173.30
Average of Peak Concentrations =					170		

KL
8/31/05

Data File: E2E7531R.D
Report Date: 29-Aug-2005 14:03

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7531R.D
Lab Smp Id: D0926-04A Client Smp ID: SD12-S-O
Inj Date : 24-AUG-2005 14:26
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-04A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	63.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.78	5.77	0.010	68929	0.03426	31		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
25.4	25.4	0.000	140879	0.03896	35		
13 4,4'-DDE					CAS #: 72-55-9		
15.1	15.1	0.000	26480	0.01202	11		
16 4,4'-DDD					CAS #: 72-54-8		
17.3	17.3	0.000	18390	0.01380	12		

Data File: E2E7531R.D
Report Date: 29-Aug-2005 14:03

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
29 Aroclor-1260					CAS #: 11096-82-5		
19.4	19.4	0.000	54414	0.46925	420	80.00- 120.00	100.00
20.5	20.6	-0.100	69655	0.25303	230	217.39- 257.39	128.01
21.7	21.6	0.100	16245	0.07864	71	158.15- 198.15	29.85
		Average of Peak Concentrations =			240		

KC
8/31/W

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS02-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-15A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7516F

% Moisture: 10 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

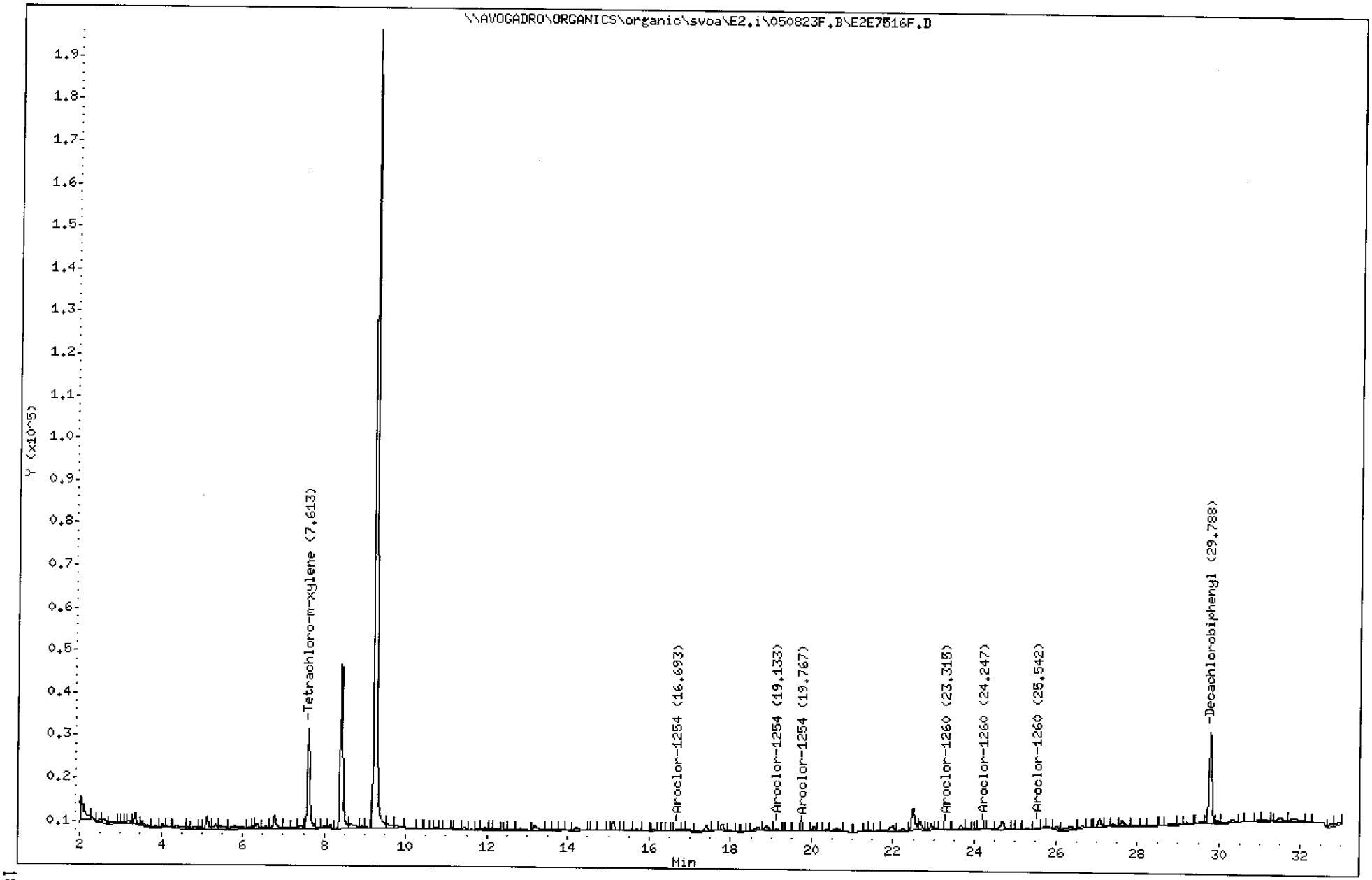
GPC Cleanup: (Y/N) Y pH: 6.5 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	3.7	U
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	3.7	U
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	74	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7516F.D
Date : 24-AUG-2005 02:12
Client ID: SS02-S-0
Sample Info: D0926-15A,,19467,clp,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E2.i

Operator: SZ SRC: LIMS
Column diameter: 0.53



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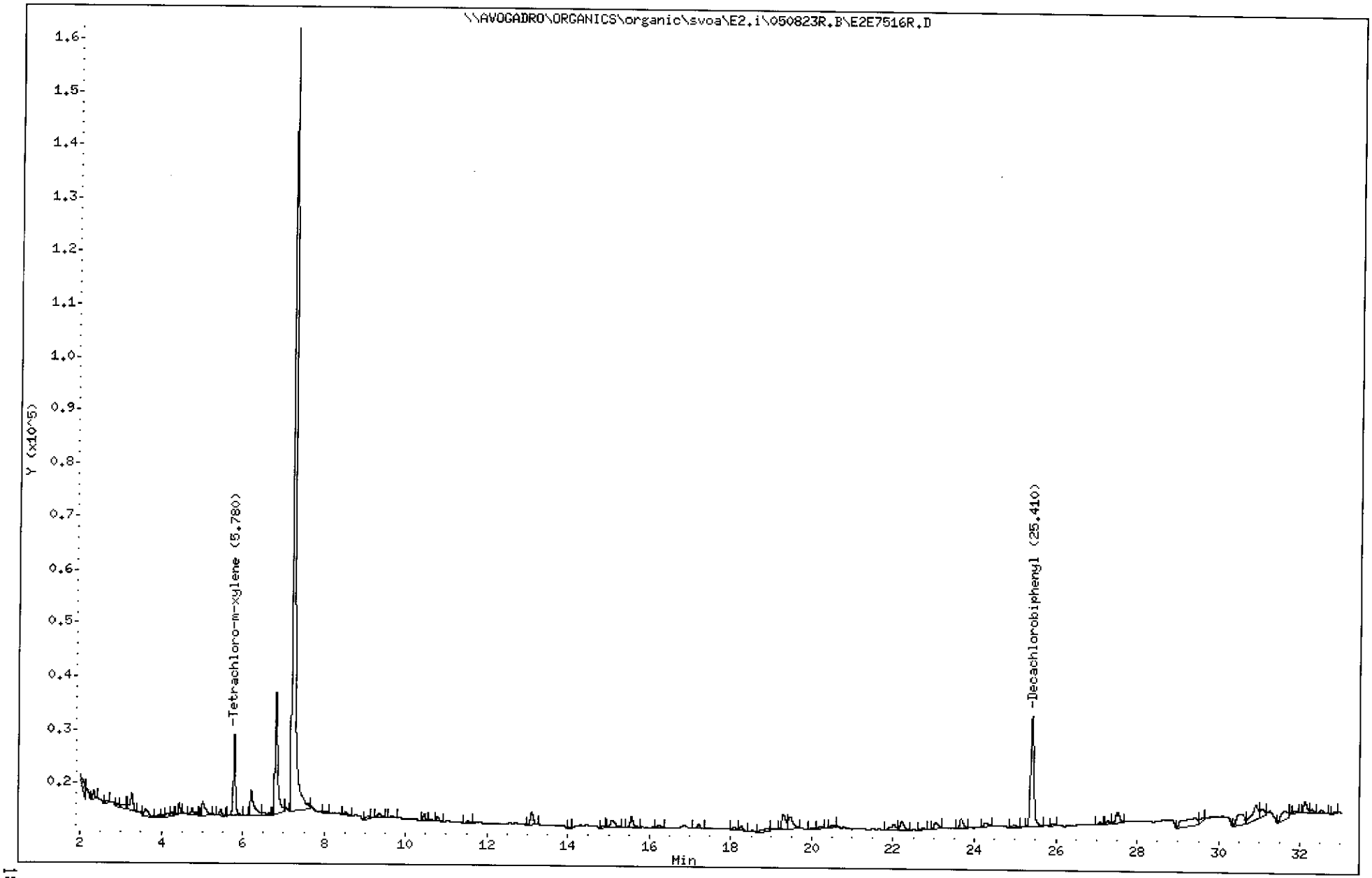
Date : 24-AUG-2005 02:12
Client ID: SS02-S-0
Sample Info: D0926-15A,,19467,clp,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i

Operator: SZ SRC: LIMS
Column diameter: 0.53



Data File: E2E7516F.D
Report Date: 30-Aug-2005 13:39

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7516F.D
Lab Smp Id: D0926-15A Client Smp ID: SS02-S-O
Inj Date : 24-AUG-2005 02:12
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-15A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 13:27 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	10.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.61	7.59	0.020	97731	0.04307	16		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	102183	0.02628	9.7		

KL
8/30/05

Data File: E2E7516R.D
Report Date: 30-Aug-2005 13:40

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7516R.D
Lab Smp Id: D0926-15A Client Smp ID: SS02-S-O
Inj Date : 24-AUG-2005 02:12
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-15A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\clp1262-e2r.m
Meth Date : 24-Aug-2005 09:30 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	10.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.78	5.77	0.010	59632	0.02964		11	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	109479	0.03028		11	

KC
8/24/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS02-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-15ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7552F

% Moisture: 10 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

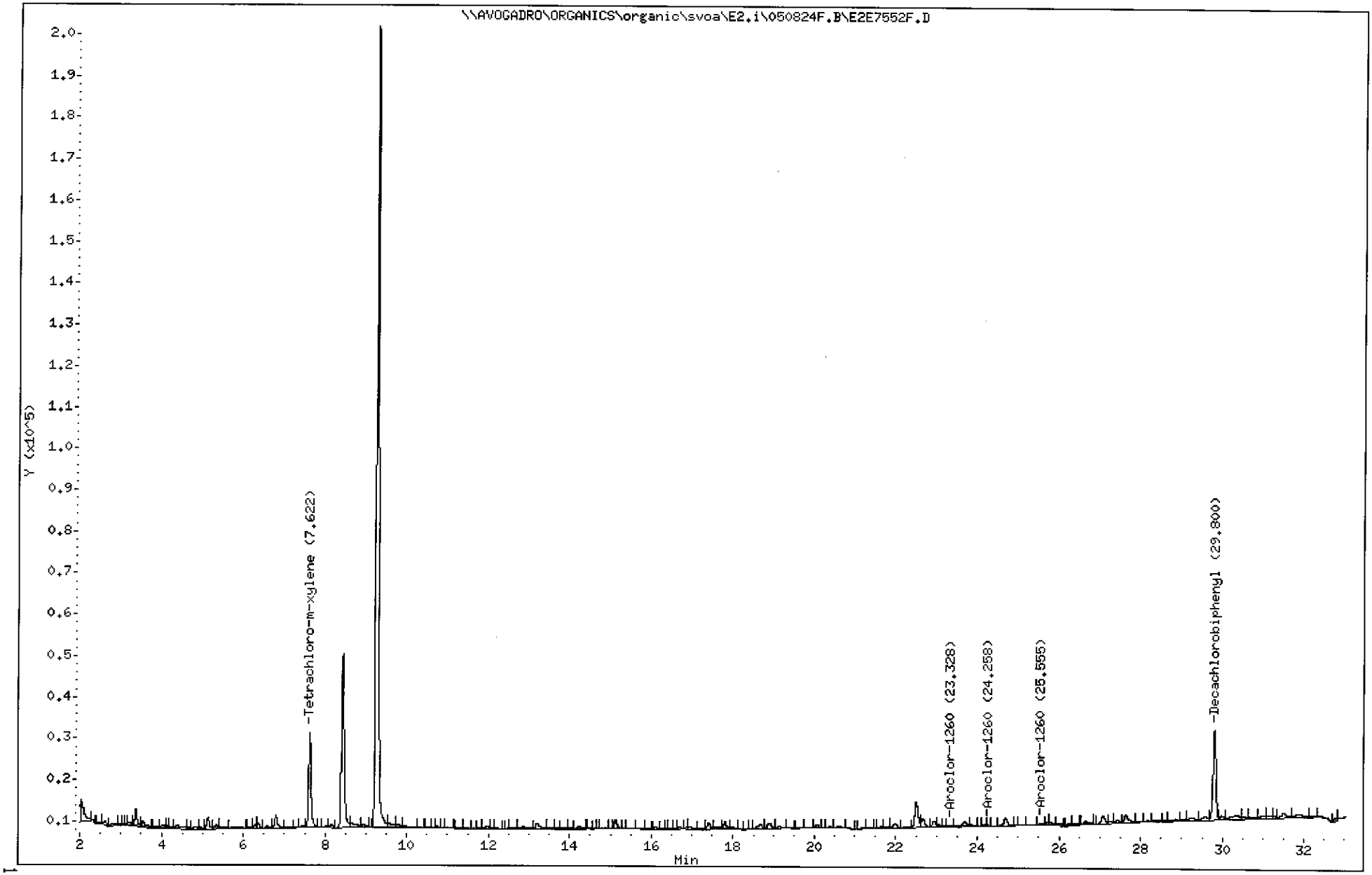
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

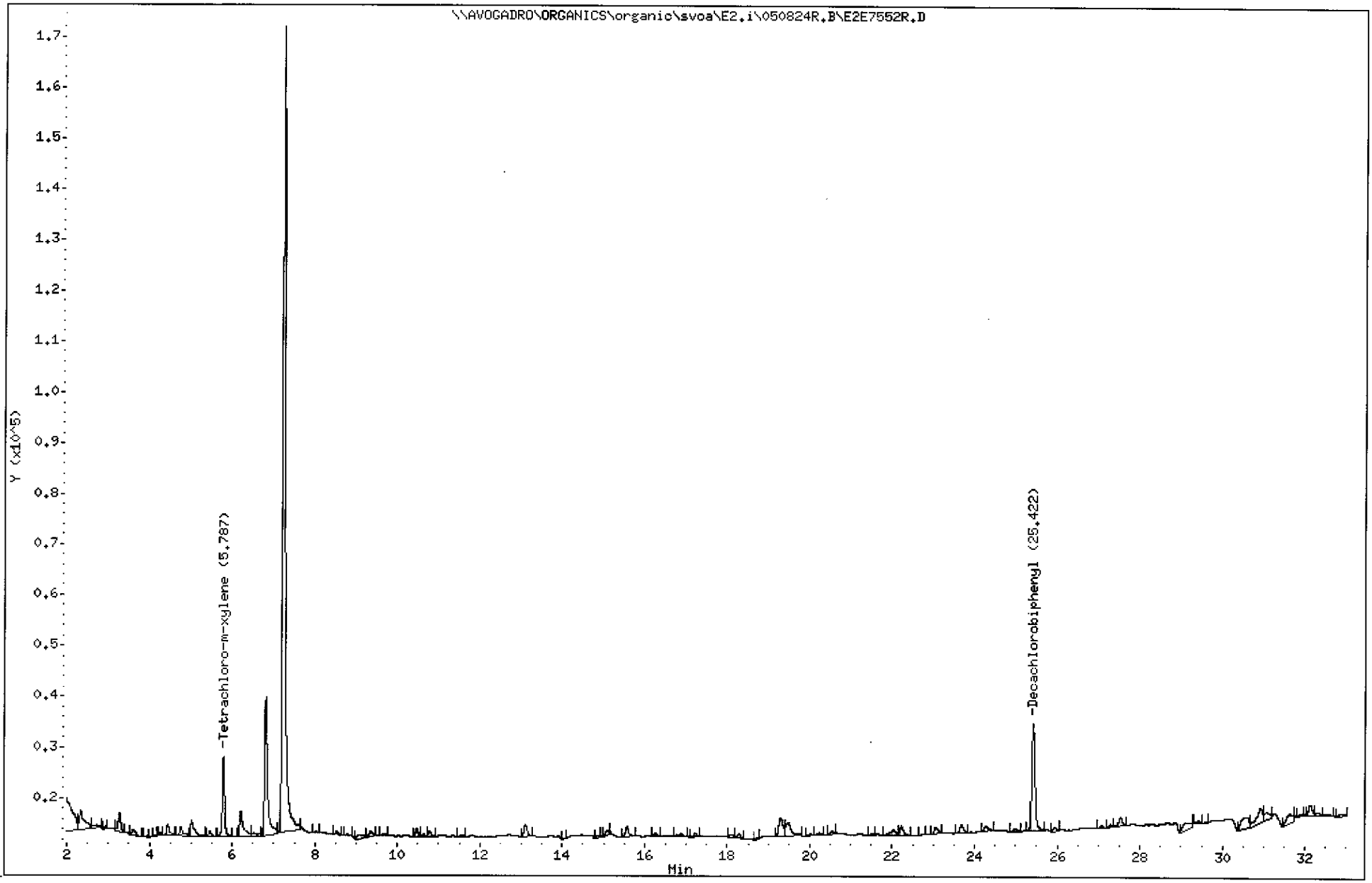
GPC Cleanup: (Y/N) Y pH: 6.5 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	3.7	U
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	3.7	U
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	74	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7552F.D
Date : 25-AUG-2005 03:06
Client ID: SS02-S-ORE
Instrument: E2.i
Sample Info: D0926-15ARE,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7552R.D
Date : 25-AUG-2005 03:06
Client ID: SS02-S-ORE
Instrument: E2.i
Sample Info: D0926-15ARE,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



1859

Data File: E2E7552F.D
Report Date: 29-Aug-2005 16:17

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7552F.D
Lab Smp Id: D0926-15ARE Client Smp ID: SS02-S-ORE
Inj Date : 25-AUG-2005 03:06
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-15ARE,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	10.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.62	7.59	0.030	94217	0.04152	15		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	108835	0.02799	10		

KC 8/31/05

Data File: E2E7552R.D
Report Date: 29-Aug-2005 16:18

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7552R.D
Lab Smp Id: D0926-15ARE Client Smp ID: SS02-S-ORE
Inj Date : 25-AUG-2005 03:06
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-15ARE,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	10.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.79	5.77	0.020	62833	0.03123		12	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	110359	0.03052		11	

KL 8/31/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS03-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-16A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7517F

% Moisture: 14 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

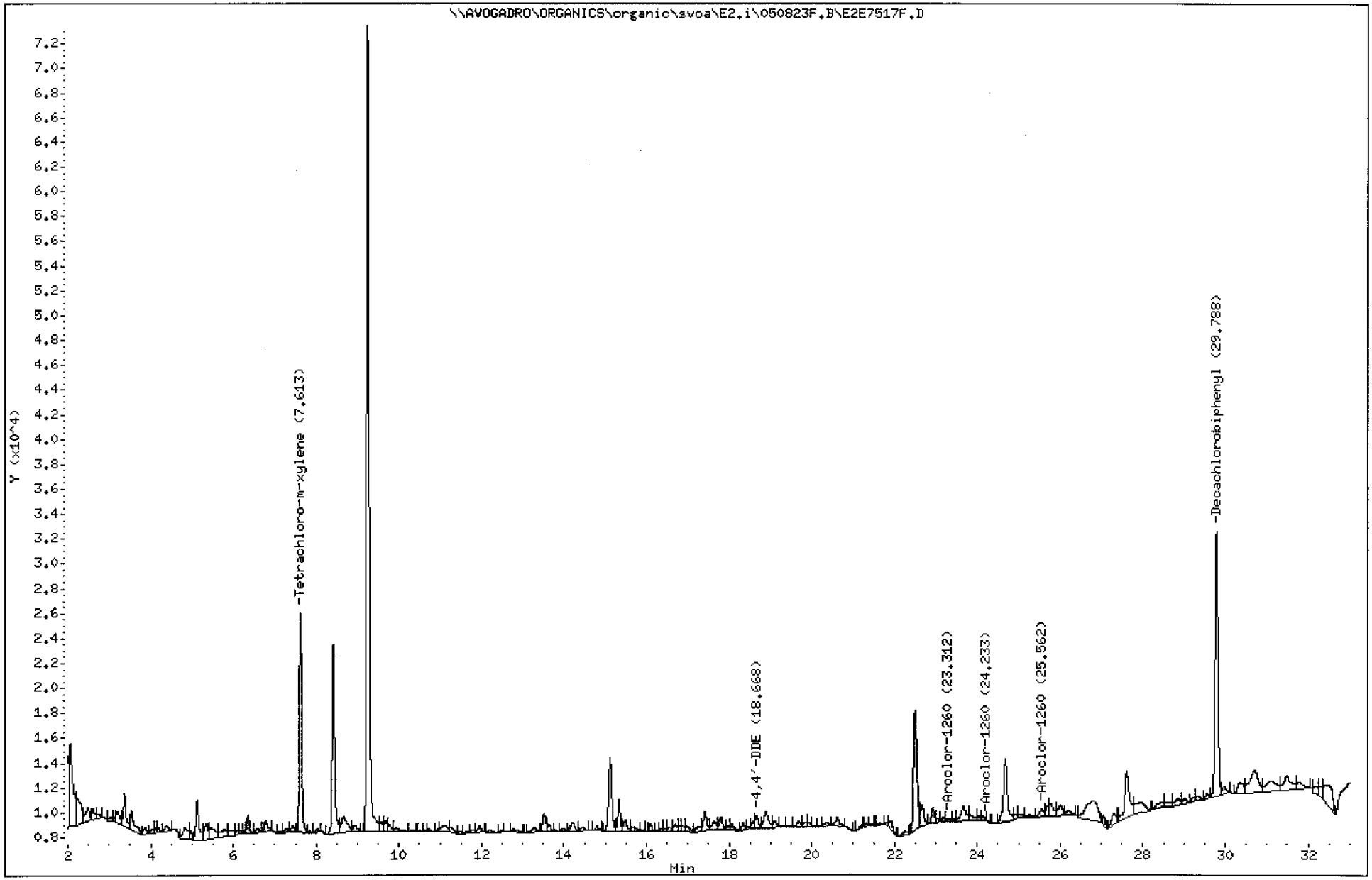
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

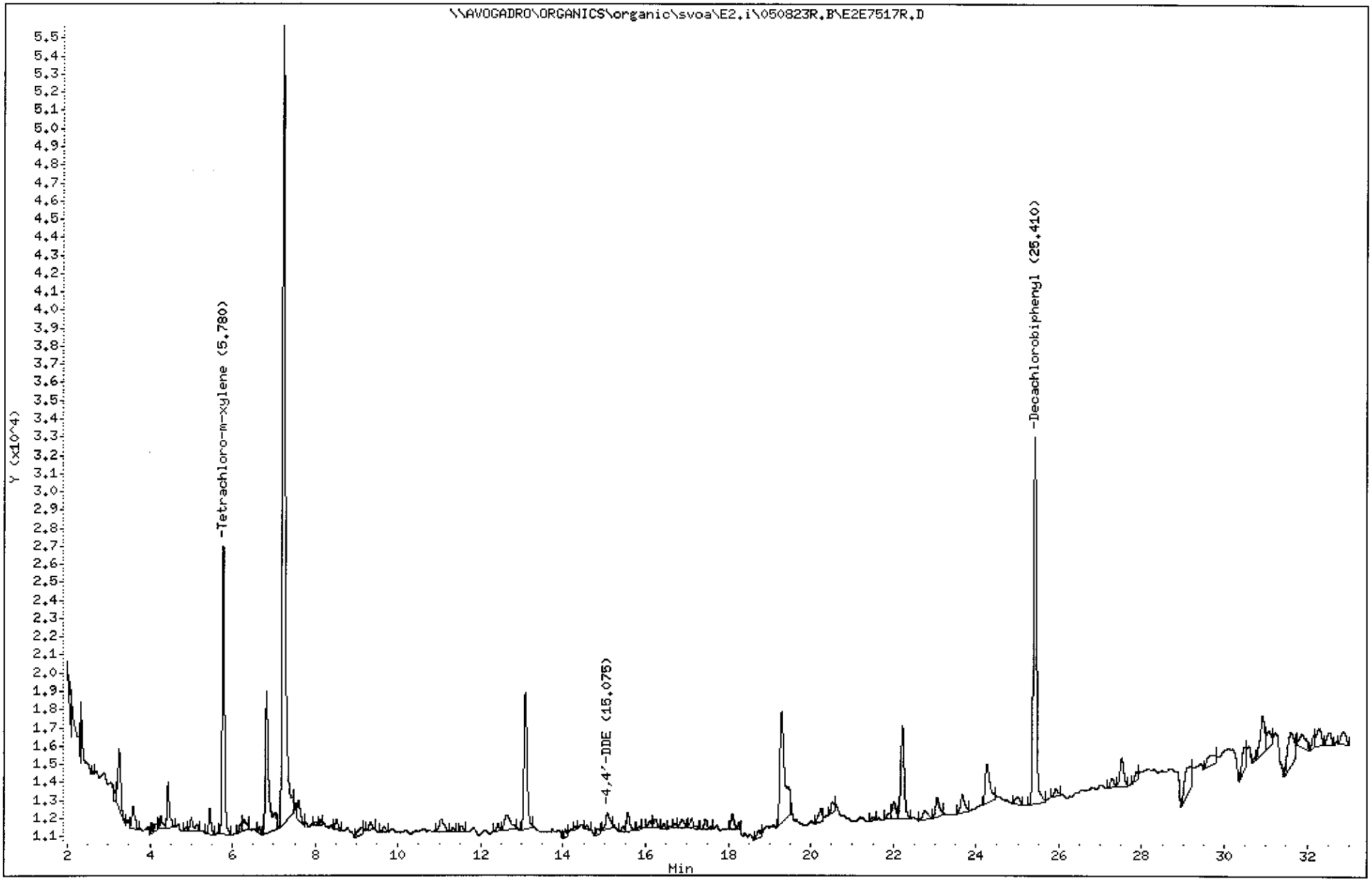
GPC Cleanup: (Y/N) Y pH: 6.3 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	0.97	J
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	3.8	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7517F.D
Date : 24-AUG-2005 02:48
Client ID: SS03-S-0
Instrument: E2.i
Sample Info: D0926-16A,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7517R.D
Date : 24-AUG-2005 02:48
Client ID: SS03-S-0
Instrument: E2.i
Sample Info: D0926-16A,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7517F.D
Report Date: 30-Aug-2005 13:39

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7517F.D
Lab Smp Id: D0926-16A Client Smp ID: SS03-S-O
Inj Date : 24-AUG-2005 02:48
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-16A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 13:27 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	14.000	% Moisture

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.61	7.59	0.020	69682	0.03071		12	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	106396	0.02736		11	
13 4,4'-DDE						CAS #: 72-55-9	
18.7	18.6	0.100	5615	0.00252	0.97		(a)

KL
8/30/05

Data File: E2E7517F.D
Report Date: 30-Aug-2005 13:39

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: E2E7517R.D
Report Date: 30-Aug-2005 13:40

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7517R.D
Lab Smp Id: D0926-16A Client Smp ID: SS03-S-O
Inj Date : 24-AUG-2005 02:48
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-16A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\clp1262-e2r.m
Meth Date : 24-Aug-2005 09:30 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	14.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.78	5.77	0.010	60648	0.03015	12		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	106234	0.02938	11		
13 4,4'-DDE						CAS #: 72-55-9	
15.1	15.1	0.000	6498	0.00295	1.1		(a)

KC
8/30/05

Data File: E2E7517R.D
Report Date: 30-Aug-2005 13:40

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS03-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-16ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7553F

% Moisture: 14 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/05

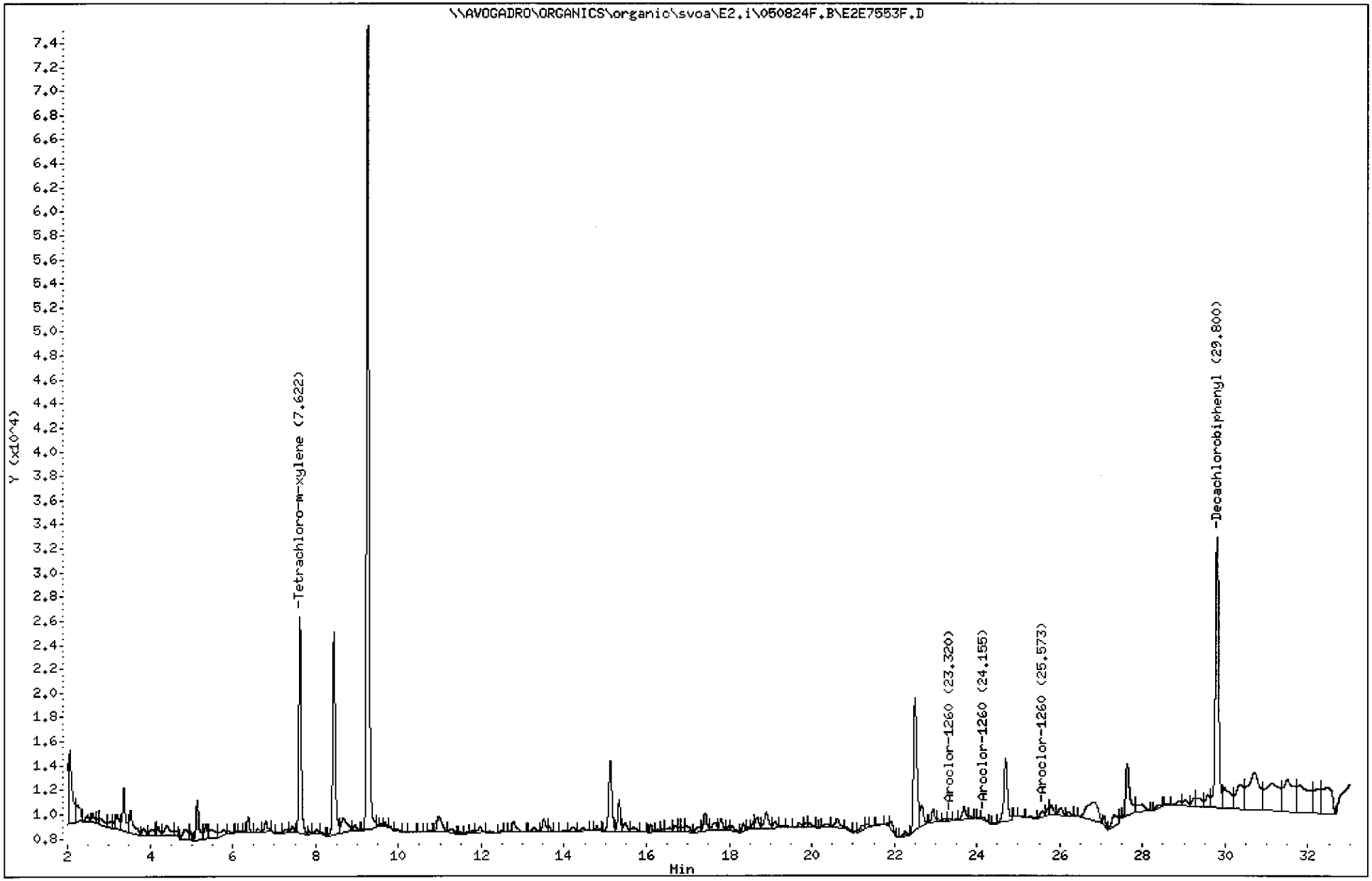
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.3 Sulfur Cleanup: (Y/N) Y

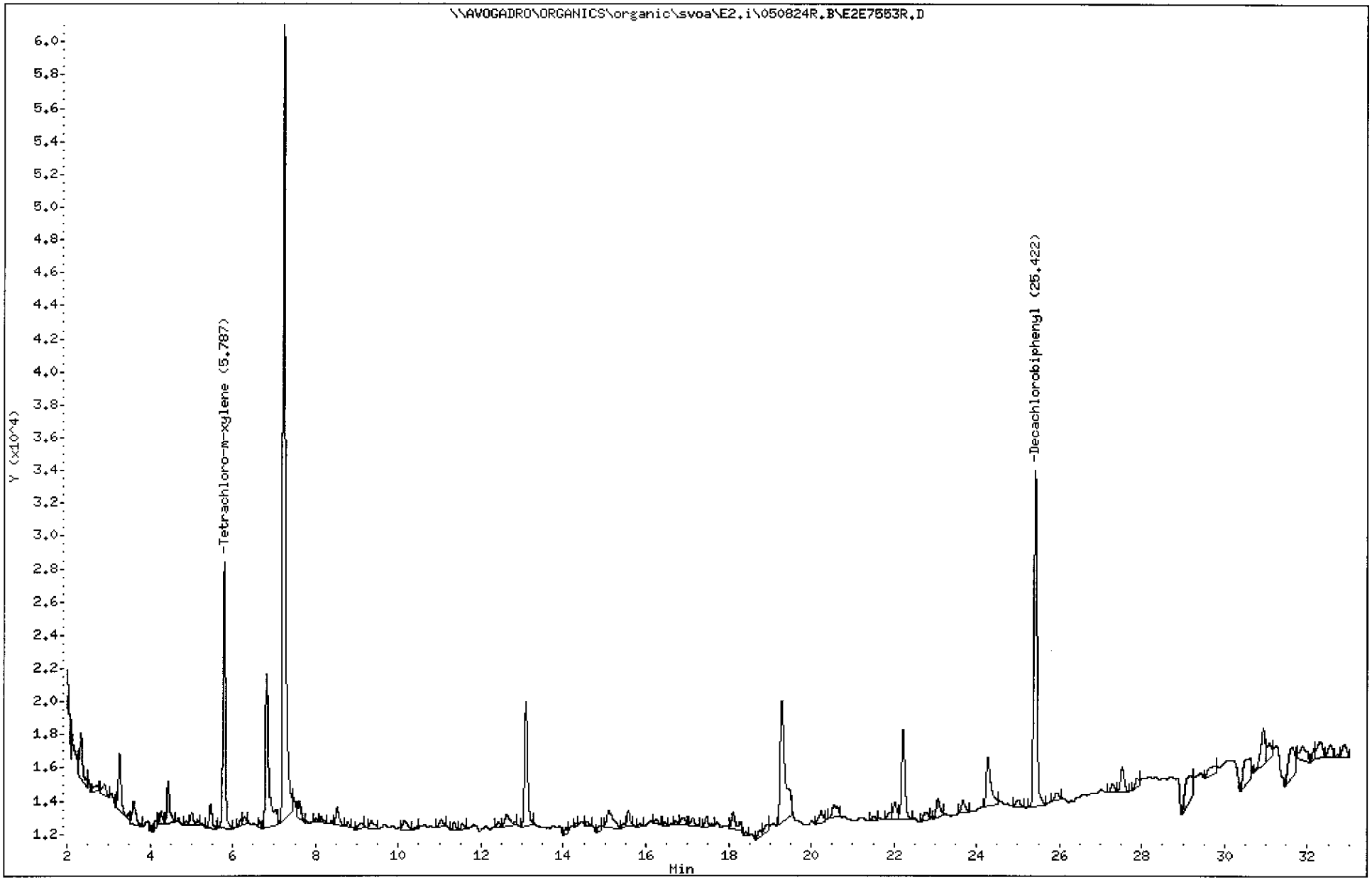
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	3.8	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	3.8	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7553F.D
Date : 25-AUG-2005 03:42
Client ID: SS03-S-ORE
Instrument: E2.i
Sample Info: D0926-16ARE,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7553R.D
Date : 25-AUG-2005 03:42
Client ID: SS03-S-ORE
Instrument: E2.i
Sample Info: D0926-16ARE,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7553F.D
Report Date: 29-Aug-2005 16:17

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7553F.D
Lab Smp Id: D0926-16ARE Client Smp ID: SS03-S-ORE
Inj Date : 25-AUG-2005 03:42
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-16ARE,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	14.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.62	7.59	0.030	70812	0.03121		12	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	122116	0.03140		12	

KL 8/30/05

Data File: E2E7553R.D
Report Date: 29-Aug-2005 16:18

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7553R.D
Lab Smp Id: D0926-16ARE Client Smp ID: SS03-S-ORE
Inj Date : 25-AUG-2005 03:42
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-16ARE,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	14.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.79	5.77	0.020	62316	0.03098		12	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	107165	0.02964		11	

KC 8/31/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS05-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-17A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7518F

% Moisture: 13 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

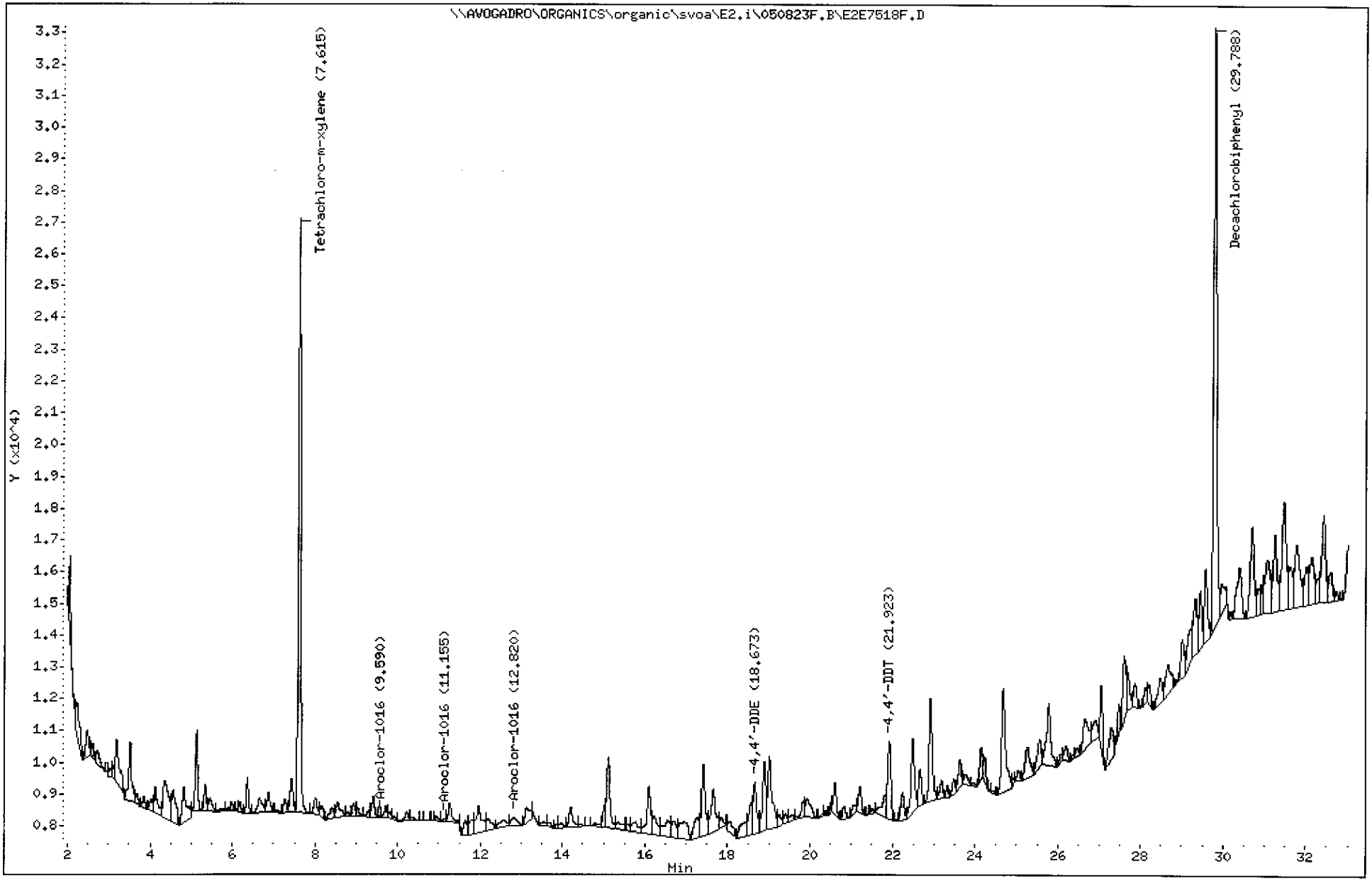
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

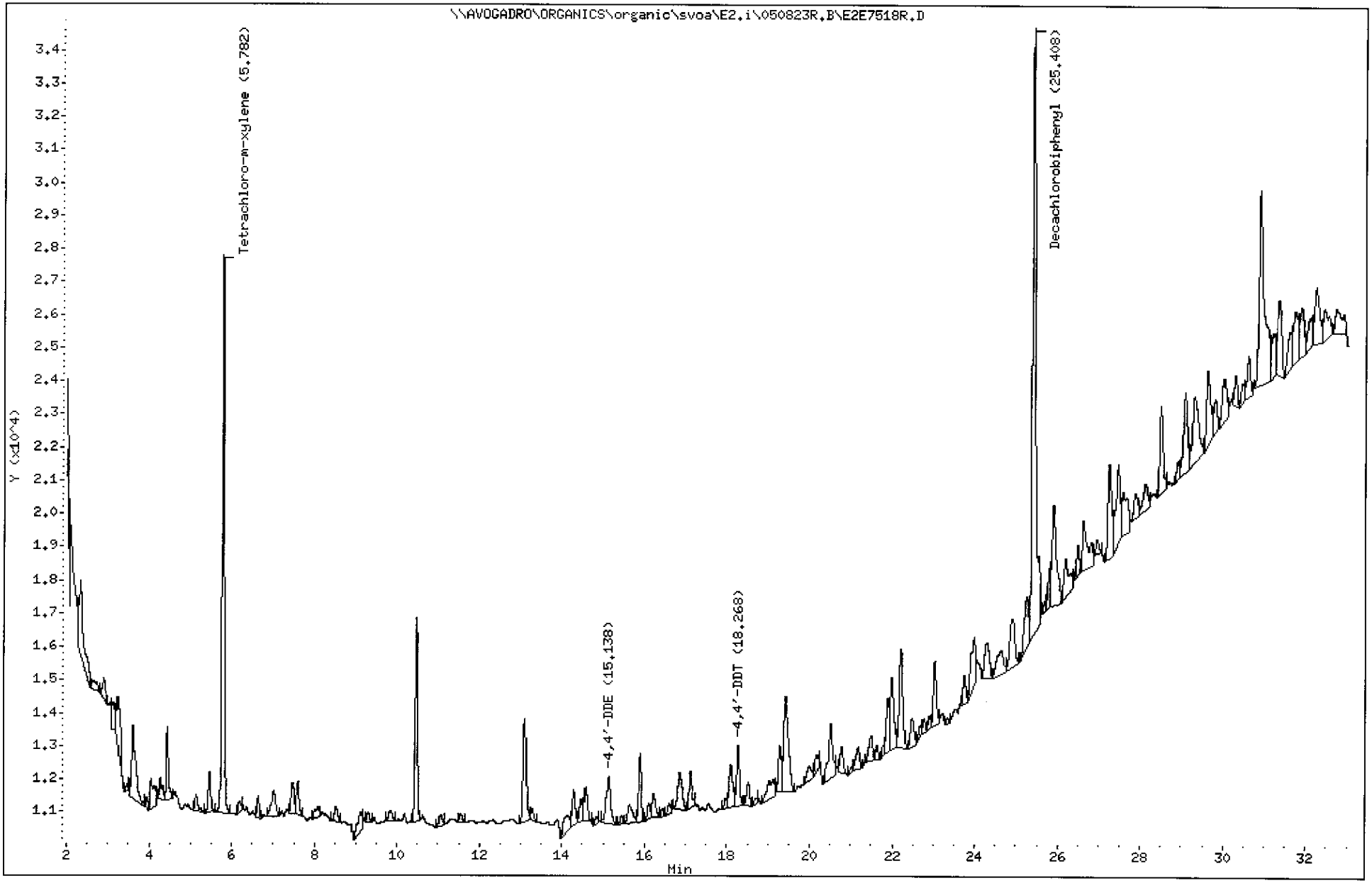
GPC Cleanup: (Y/N) Y pH: 6.4 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	1.6	J
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
* 72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	2.0	JP
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

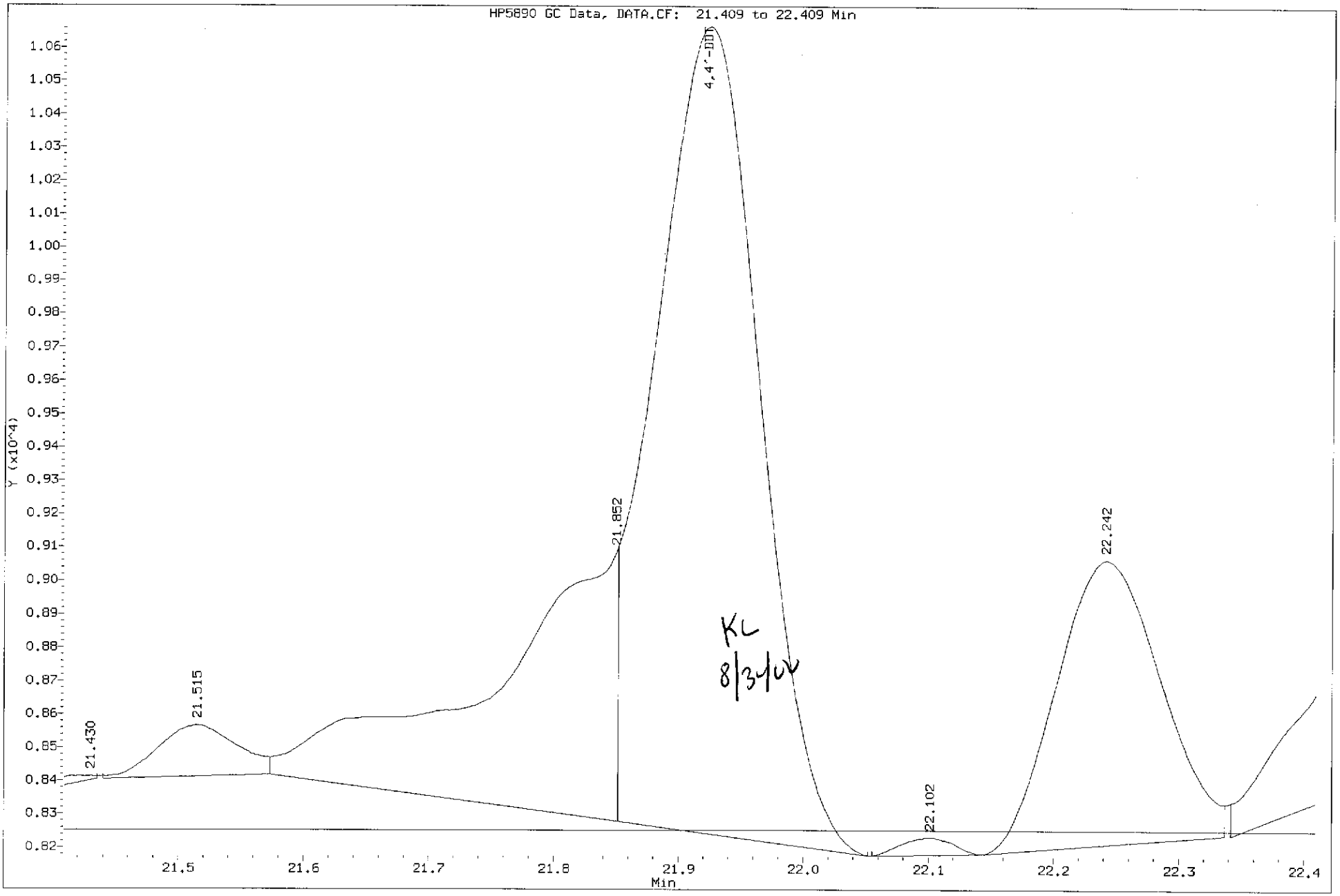
Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7518F.D
Date : 24-AUG-2005 03:24
Client ID: SS05-S-0
Instrument: E2.i
Sample Info: D0926-17A,,19467,clp.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7518R.D
Date : 24-AUG-2005 03:24
Client ID: SS05-S-0
Instrument: E2.i
Sample Info: D0926-17A,,19467,clp.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7518F.D
Injection Date: 24-AUG-2005 03:24
Instrument: E2.i
Client Sample ID: SS05-S-O



Data File: E2E7518F.D
Report Date: 30-Aug-2005 13:39

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7518F.D
Lab Smp Id: D0926-17A Client Smp ID: SS05-S-O
Inj Date : 24-AUG-2005 03:24
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-17A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 13:27 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	13.000	% Moisture

			CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.62	7.59	0.030	72696	0.03204	12		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	96351	0.02478	9.5		
13 4,4'-DDE					CAS #: 72-55-9		
18.7	18.6	0.100	9496	0.00425	1.6		(a)
18 4,4'-DDT					CAS #: 50-29-3		
21.9	21.9	0.000	14120	0.00809	3.1		(aM)

m2 KL 8/30/05

KL
8/30/05

Data File: E2E7518F.D
Report Date: 30-Aug-2005 13:39

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: E2E7518R.D
Report Date: 30-Aug-2005 13:40

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7518R.D
Lab Smp Id: D0926-17A Client Smp ID: SS05-S-O
Inj Date : 24-AUG-2005 03:24
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-17A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\clp1262-e2r.m
Meth Date : 24-Aug-2005 09:30 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	13.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
5.78	5.77	0.010	64148	0.03189		12		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
25.4	25.4	0.000	105866	0.02928		11		
13 4,4'-DDE						CAS #: 72-55-9		
15.1	15.1	0.000	10554	0.00479	1.8			(a)
18 4,4'-DDT						CAS #: 50-29-3		
18.3	18.3	0.000	9044	0.00530	2.0			(a)

KC
8/31/05

Data File: E2E7518R.D
Report Date: 30-Aug-2005 13:40

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS05-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-17ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7554F

% Moisture: 13 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

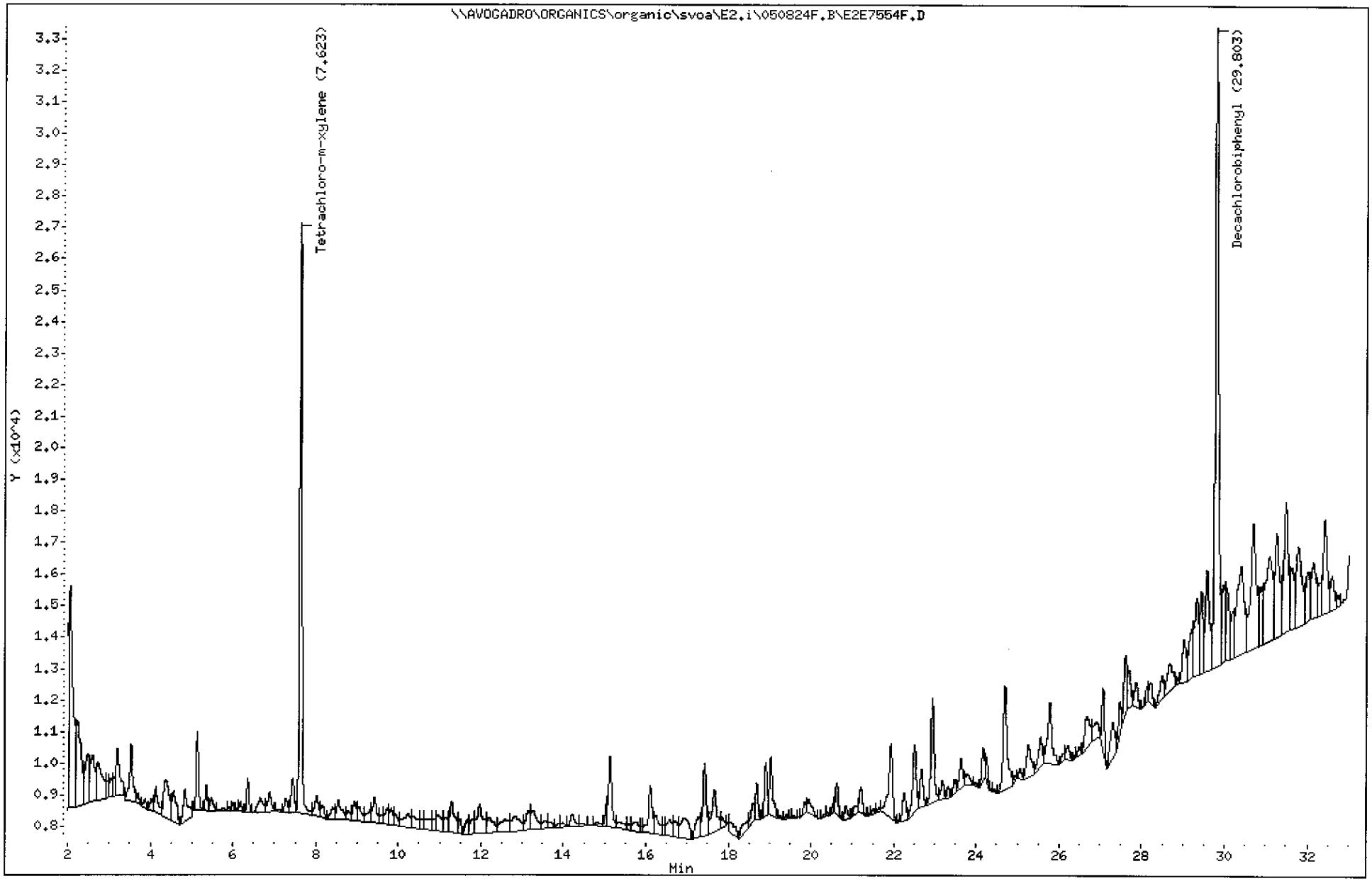
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

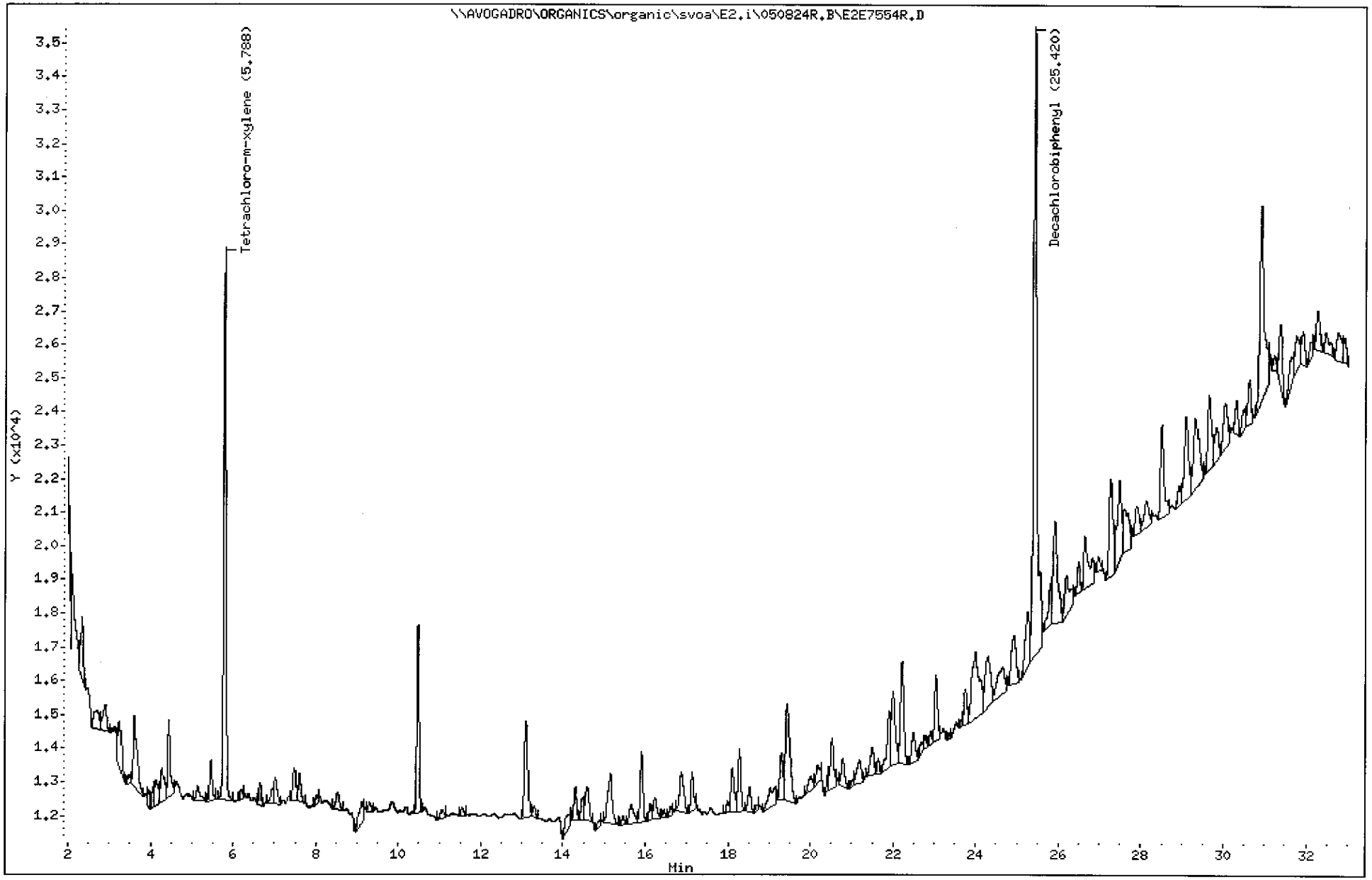
GPC Cleanup: (Y/N) Y pH: 6.4 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	3.8	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	2.0	JP
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7554F.D
Date : 25-AUG-2005 04:19
Client ID: SS05-S-ORE
Instrument: E2.i
Sample Info: D0926-17ARE,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7554R.D
Date : 25-AUG-2005 04:19
Client ID: SS05-S-ORE
Instrument: E2.i
Sample Info: D0926-17ARE,,19467,clp.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7554F.D
Lab Smp Id: D0926-17ARE Client Smp ID: SS05-S-ORE
Inj Date : 25-AUG-2005 04:19
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-17ARE,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 16:33 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	13.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.62	7.59	0.030	74453	0.03281	13		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	114312	0.02939	11		
18 4,4'-DDT					CAS #: 50-29-3		
21.9	21.9	0.000	17358	0.00995	3.8		(H)

KL
9/2/05

QC Flag Legend

H - Operator selected an alternate compound hit.

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7554R.D
Lab Smp Id: D0926-17ARE Client Smp ID: SS05-S-ORE
Inj Date : 25-AUG-2005 04:19
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-17ARE,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 18:14 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	13.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$	1 Tetrachloro-m-xylene					CAS #: 877-09-8		
	5.79	5.77	0.020	63692	0.03166	12		
$	2 Decachlorobiphenyl					CAS #: 2051-24-3		
	25.4	25.4	0.000	110932	0.03068	12		
	18 4,4'-DDT					CAS #: 50-29-3		
	18.3	18.3	0.000	9065	0.00531	2.0		(aH)

KC
9/2/05

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

SS10-S-D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-20A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7521F

% Moisture: 12 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

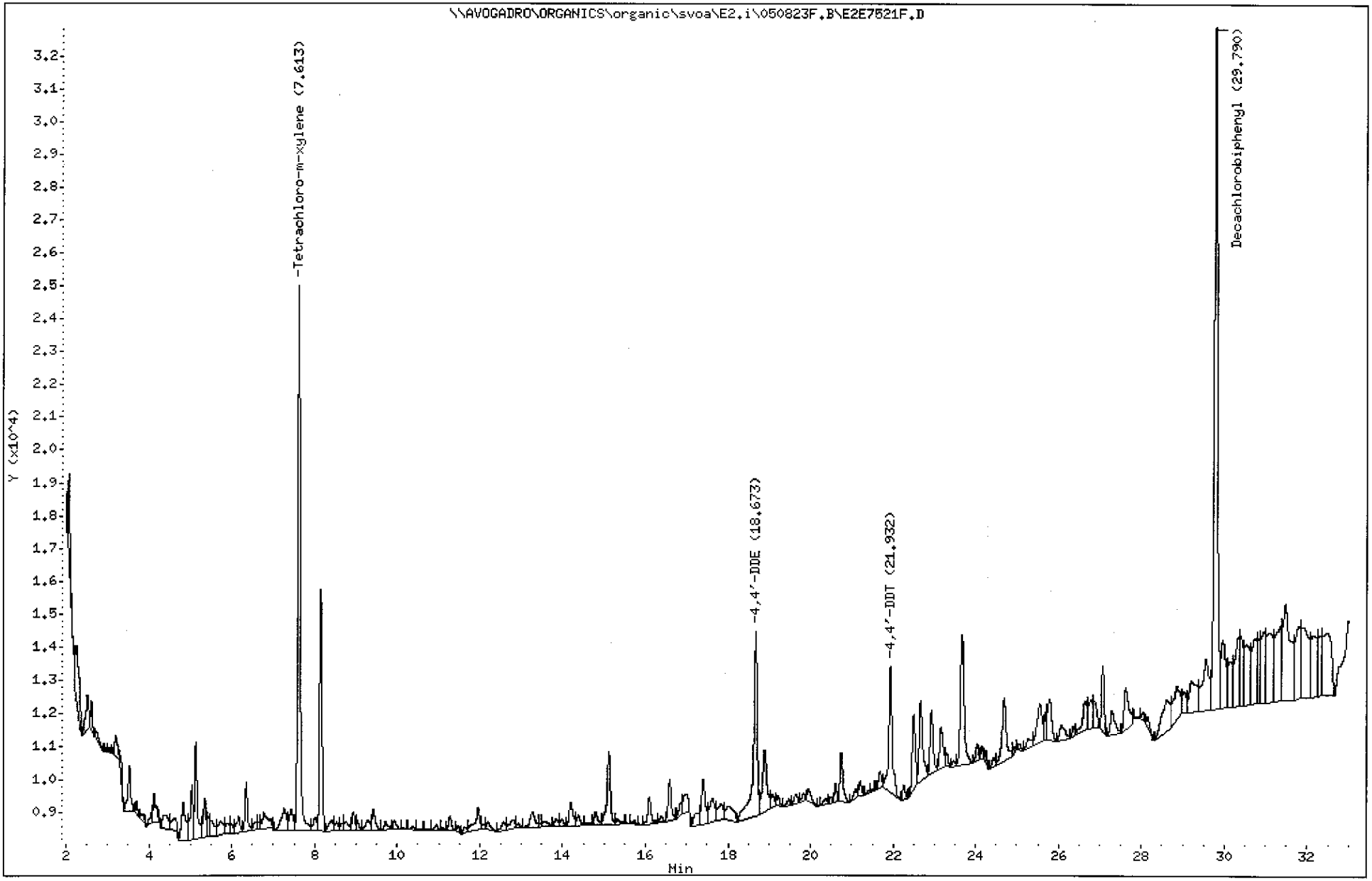
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

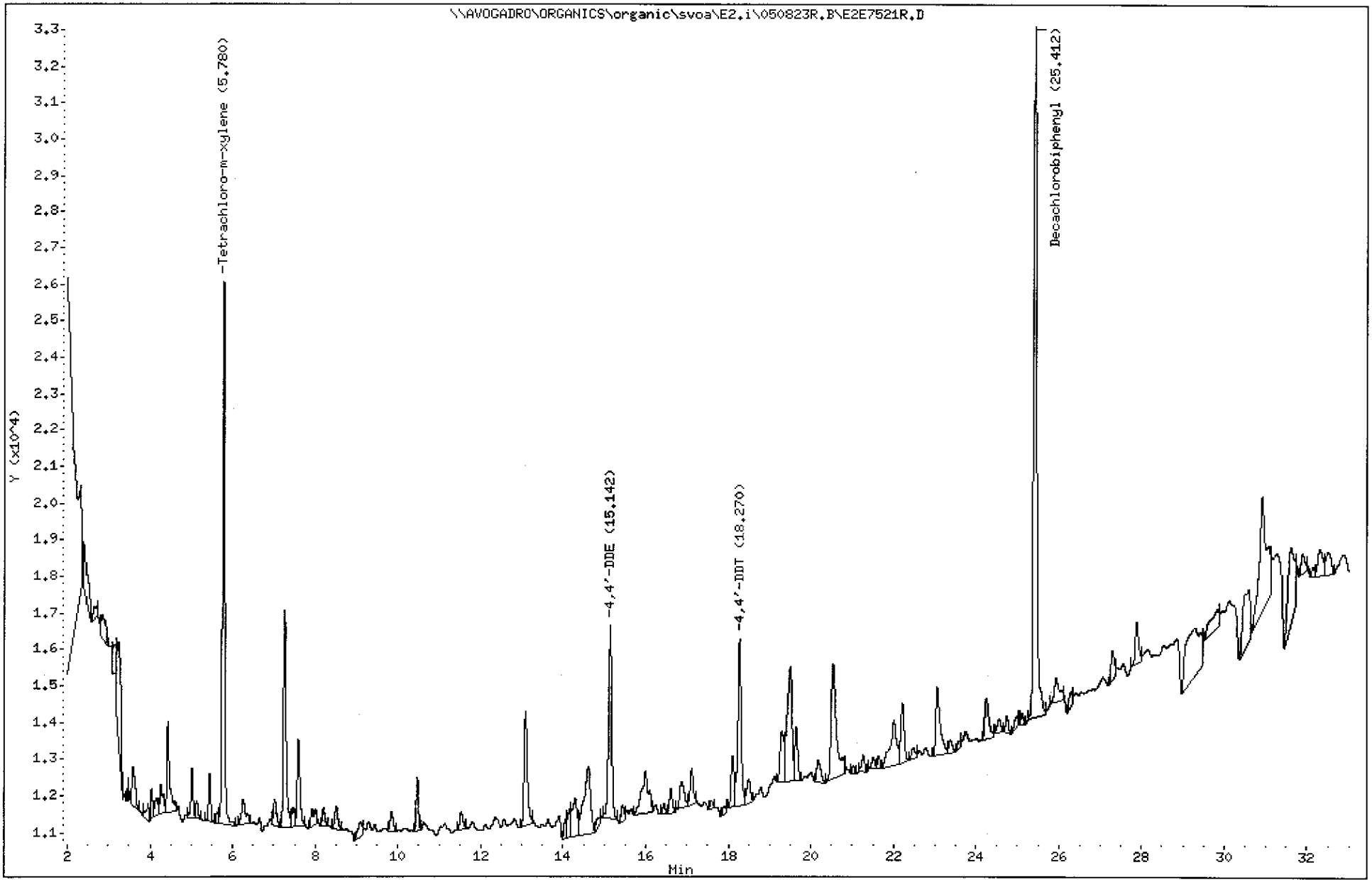
GPC Cleanup: (Y/N) Y pH: 5.8 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	4.4	P
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	4.9	
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7521F.D
Date : 24-AUG-2005 05:13
Client ID: SS10-S-D
Instrument: E2.i
Sample Info: D0926-20A,,19467,clp.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7521R.D
Date : 24-AUG-2005 05:13
Client ID: SS10-S-D
Instrument: E2.i
Sample Info: D0926-20A,,19467,clp.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7521F.D
Report Date: 30-Aug-2005 13:39

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7521F.D
Lab Smp Id: D0926-20A Client Smp ID: SS10-S-D
Inj Date : 24-AUG-2005 05:13
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-20A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 13:27 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 26
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	12.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$	1 Tetrachloro-m-xylene					CAS #: 877-09-8		
	7.61	7.59	0.020	68856	0.03034	11		
$	2 Decachlorobiphenyl					CAS #: 2051-24-3		
	29.8	29.8	0.000	112318	0.02888	11		
	13 4,4'-DDE					CAS #: 72-55-9		
	18.7	18.6	0.100	38114	0.01707	6.5		
	18 4,4'-DDT					CAS #: 50-29-3		
	21.9	21.9	0.000	22745	0.01304	4.9		

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8/30/05

Data File: E2E7521R.D
Report Date: 30-Aug-2005 13:40

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7521R.D
Lab Smp Id: D0926-20A Client Smp ID: SS10-S-D
Inj Date : 24-AUG-2005 05:13
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-20A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\clp1262-e2r.m
Meth Date : 24-Aug-2005 09:30 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 26
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	12.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.78	5.77	0.010	56821	0.02825		11	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	101291	0.02801		11	
13 4,4'-DDE						CAS #: 72-55-9	
15.1	15.1	0.000	25775	0.01170		4.4	
18 4,4'-DDT						CAS #: 50-29-3	
18.3	18.3	0.000	26128	0.01531		5.8	

KC
8/30/06

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS10-S-DRE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-20ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7557F

% Moisture: 12 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/05

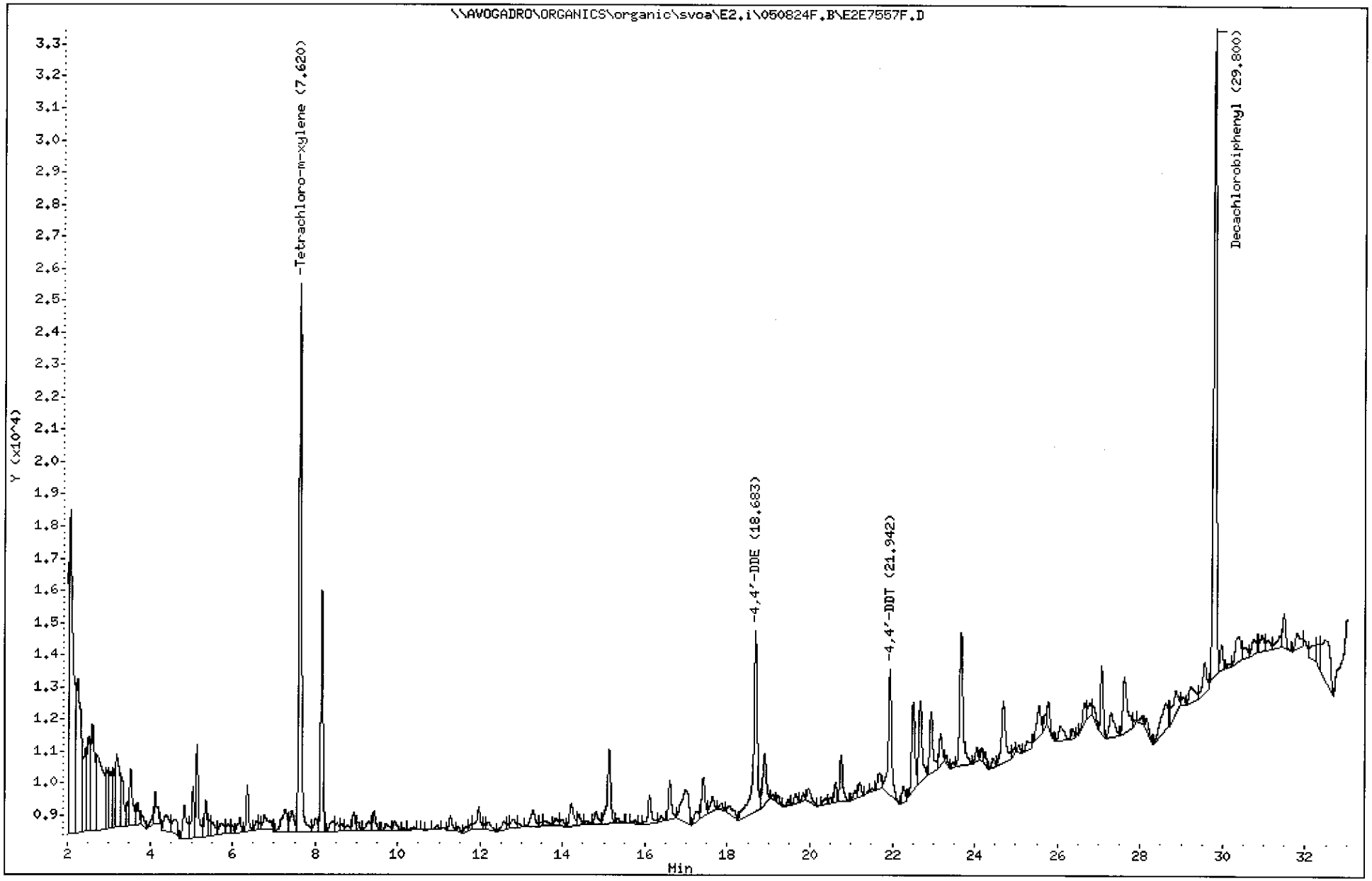
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.8 Sulfur Cleanup: (Y/N) Y

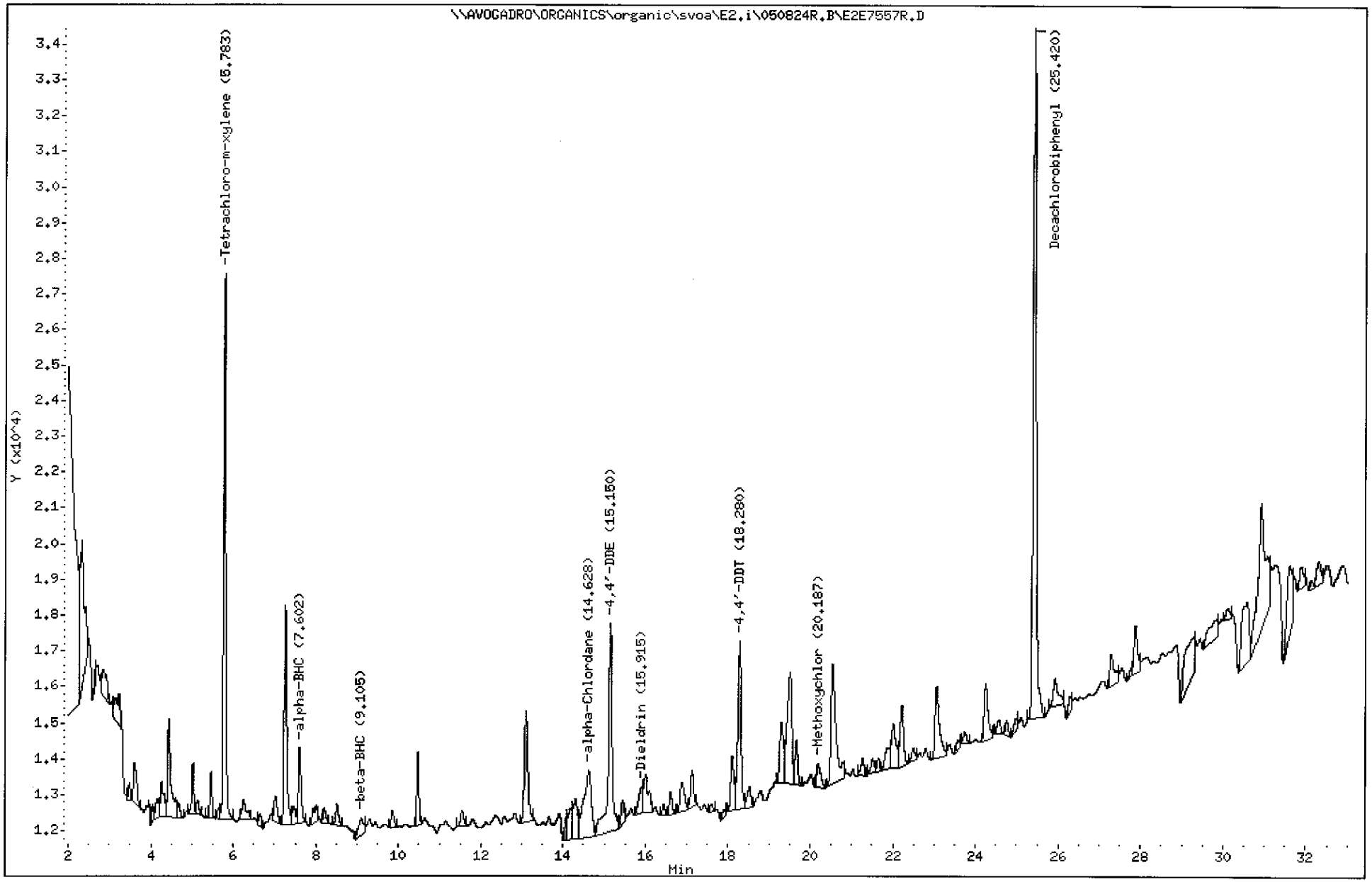
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q	
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	3.8	U
60-57-1	Dieldrin	6.2	
72-55-9	4,4'-DDE	3.8	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	4.9	
50-29-3	4,4'-DDT	19	U
72-43-5	Methoxychlor	3.8	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	1.9	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	190	U
8001-35-2	Toxaphene	38	U
12674-11-2	Aroclor-1016	76	U
11104-28-2	Aroclor-1221	38	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7557F.D
Date : 25-AUG-2005 06:07
Client ID: SS10-S-DRE
Instrument: E2.i
Sample Info: D0926-20ARE,,19467,clp.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7557R.D
Date : 25-AUG-2005 06:07
Client ID: SS10-S-DRE
Instrument: E2.i
Sample Info: D0926-20ARE,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7557F.D
Report Date: 29-Aug-2005 16:17

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7557F.D
Lab Smp Id: D0926-20ARE Client Smp ID: SS10-S-DRE
Inj Date : 25-AUG-2005 06:07
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-20ARE,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 26
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	12.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1	Tetrachloro-m-xylene					CAS #: 877-09-8		
	7.62	7.59	0.030	70698	0.03116	12		
$ 2	Decachlorobiphenyl					CAS #: 2051-24-3		
	29.8	29.8	0.000	99369	0.02555	9.7		
13	4,4'-DDE					CAS #: 72-55-9		
	18.7	18.6	0.100	36729	0.01645	6.2		
18	4,4'-DDT					CAS #: 50-29-3		
	21.9	21.9	0.000	22389	0.01283	4.9		

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Data File: E2E7557R.D
Report Date: 29-Aug-2005 16:27

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7557R.D
Lab Smp Id: D0926-20ARE Client Smp ID: SS10-S-DRE
Inj Date : 25-AUG-2005 06:07
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-20ARE,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 26
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	12.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1	Tetrachloro-m-xylene					CAS #: 877-09-8		
	5.78	5.77	0.010	57426	0.02855	11		
$ 2	Decachlorobiphenyl					CAS #: 2051-24-3		
	25.4	25.4	0.000	102444	0.02833	11		
13	4,4'-DDE					CAS #: 72-55-9		
	15.2	15.1	0.100	39417	0.01789	6.8		
18	4,4'-DDT					CAS #: 50-29-3		
	18.3	18.3	0.000	26291	0.01541	5.8		

KC
8/31/N

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS10-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-18A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7519F

% Moisture: 12 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

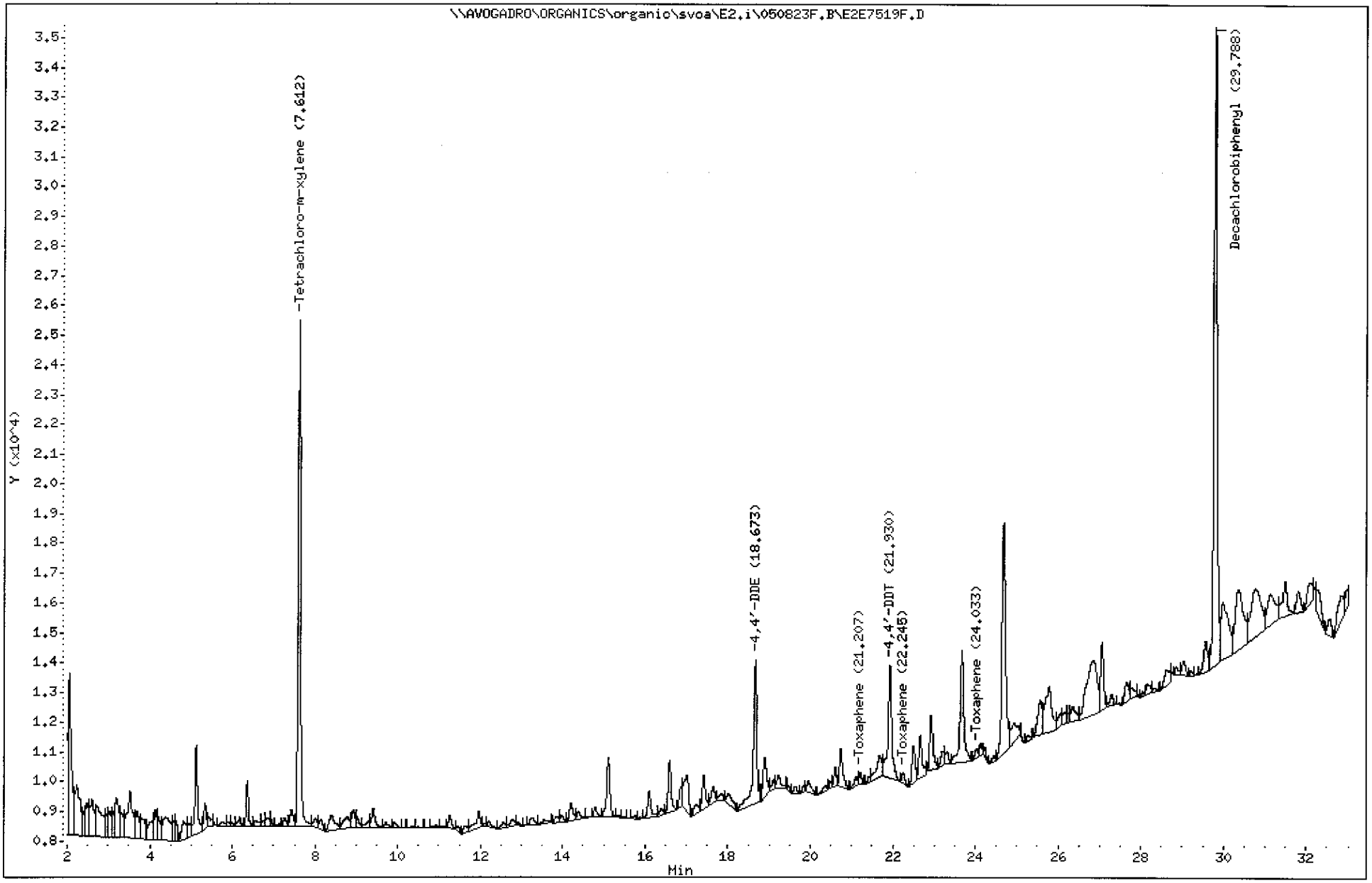
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.0 Sulfur Cleanup: (Y/N) Y

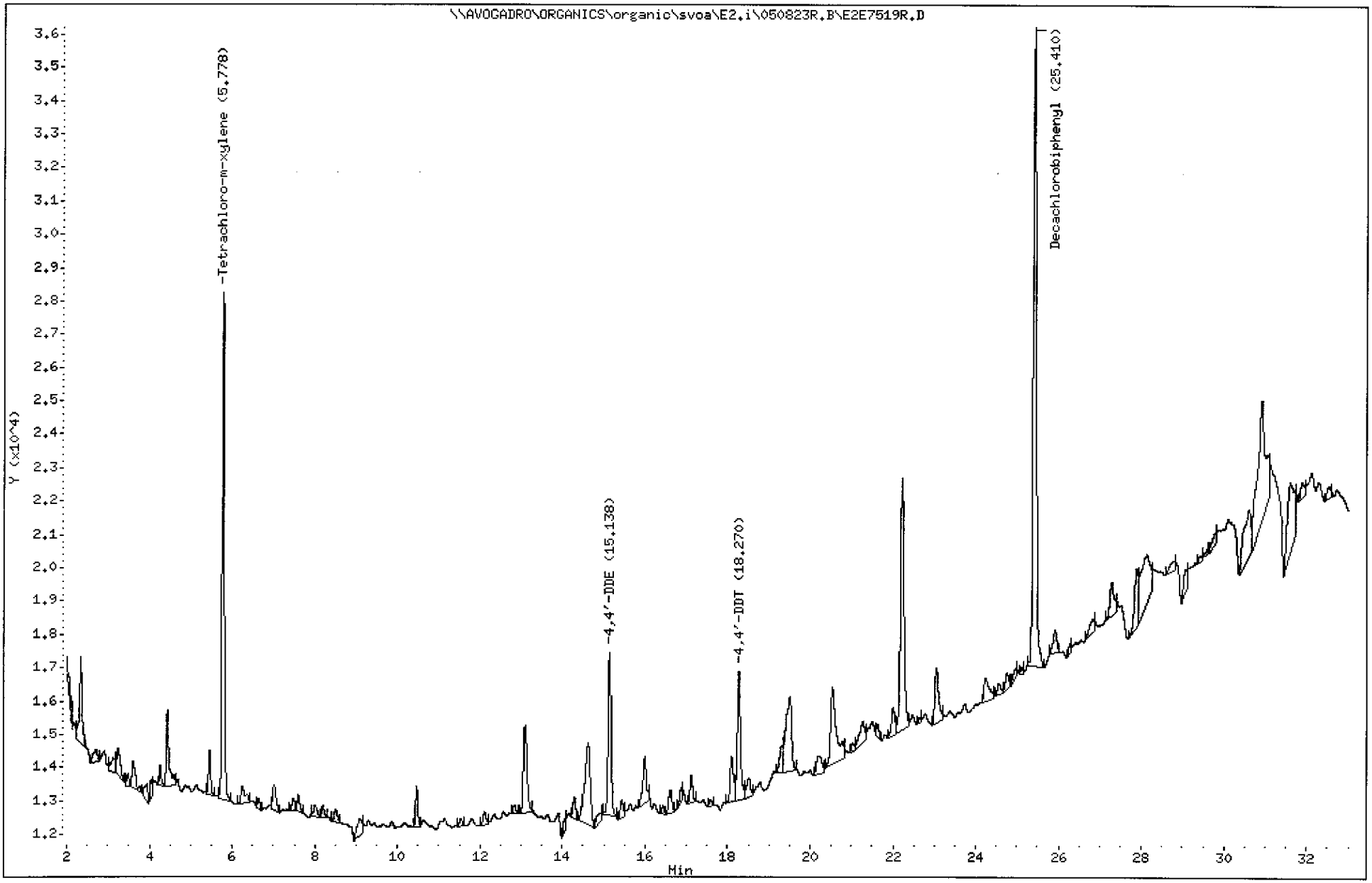
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q	
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	4.1	
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	4.7	
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7519F.D
Date : 24-AUG-2005 04:00
Client ID: SS10-S-0
Instrument: E2.i
Sample Info: D0926-18A,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7519R.D
Date : 24-AUG-2005 04:00
Client ID: SS10-S-0
Instrument: E2.i
Sample Info: D0926-18A,,19467,clp.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7519F.D
Report Date: 30-Aug-2005 13:39

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7519F.D
Lab Smp Id: D0926-18A Client Smp ID: SS10-S-O
Inj Date : 24-AUG-2005 04:00
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-18A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 13:27 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 24
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	12.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.61	7.59	0.020	69673	0.03070	12		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	113413	0.02916	11		
13 4,4'-DDE					CAS #: 72-55-9		
18.7	18.6	0.100	29932	0.01341	5.1		
18 4,4'-DDT					CAS #: 50-29-3		
21.9	21.9	0.000	24982	0.01432	5.4		

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Data File: E2E7519R.D
Report Date: 30-Aug-2005 13:40

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7519R.D
Lab Smp Id: D0926-18A Client Smp ID: SS10-S-O
Inj Date : 24-AUG-2005 04:00
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-18A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\clp1262-e2r.m
Meth Date : 24-Aug-2005 09:30 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 24
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	12.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.78	5.77	0.010	57138	0.02840	11		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	100163	0.02770	10		
13 4,4'-DDE						CAS #: 72-55-9	
15.1	15.1	0.000	23756	0.01078	4.1		
18 4,4'-DDT						CAS #: 50-29-3	
18.3	18.3	0.000	21310	0.01249	4.7		

KC
8/30/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS10-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-18ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7555F

% Moisture: 12 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

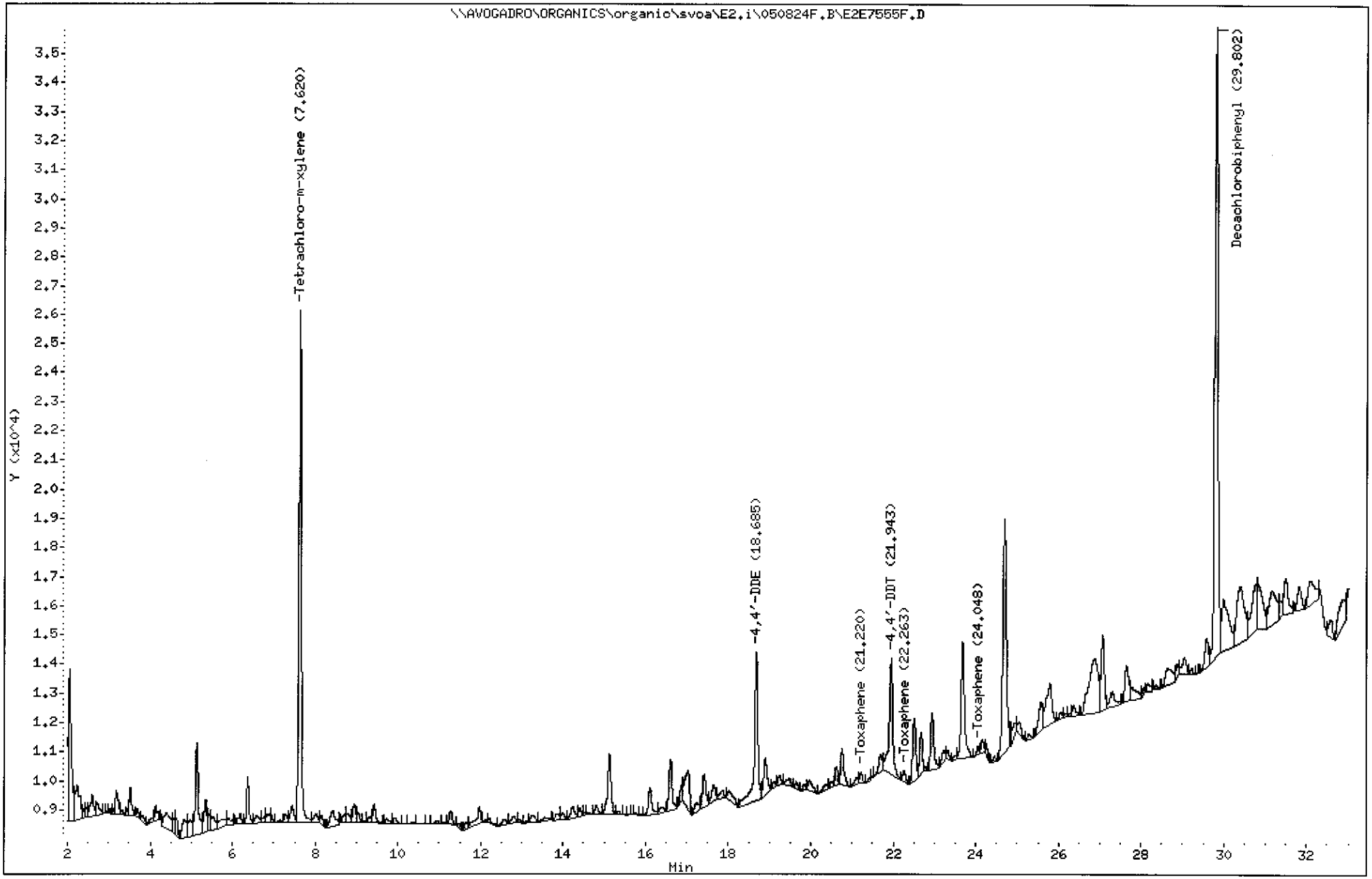
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

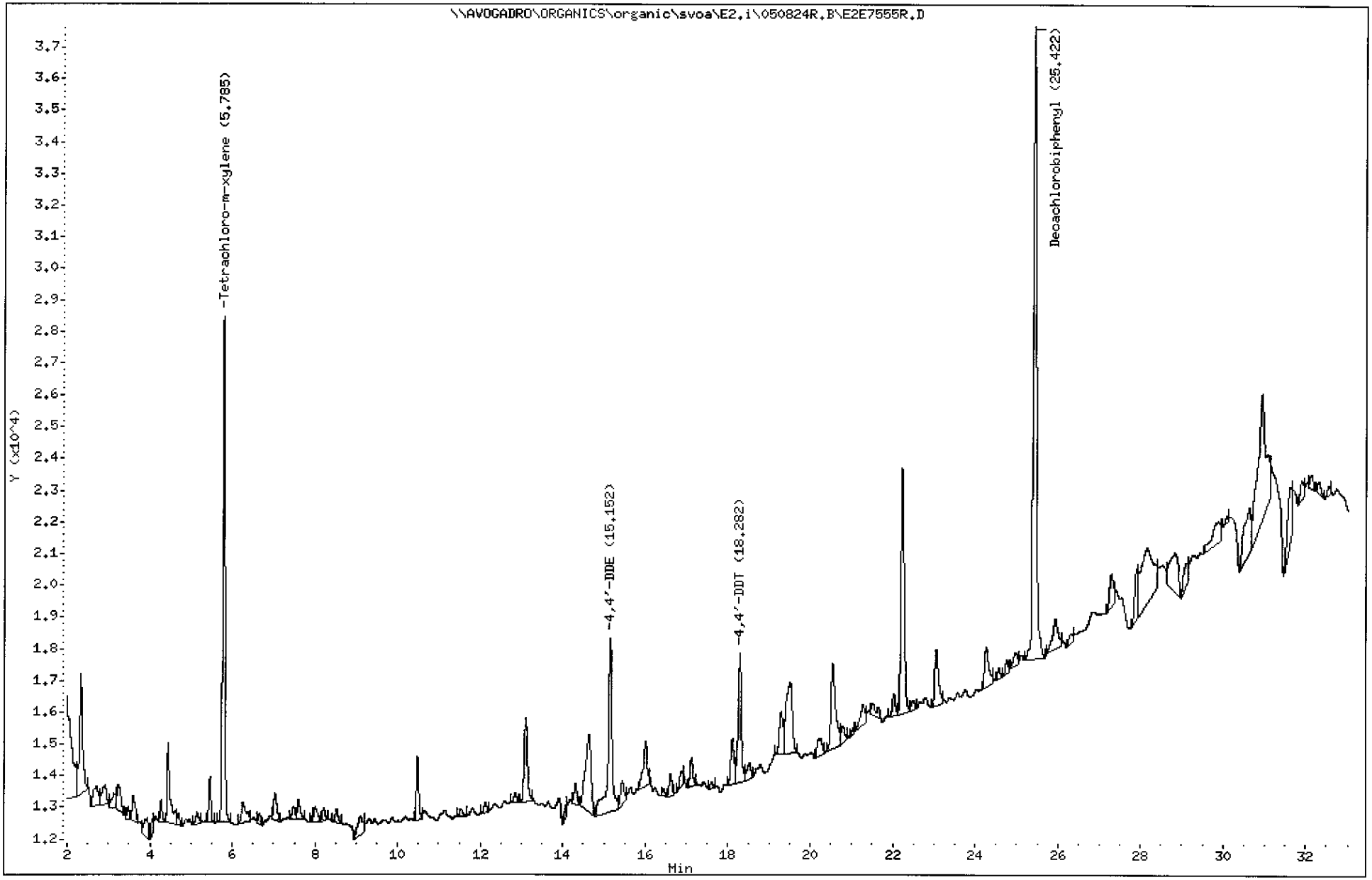
GPC Cleanup: (Y/N) Y pH: 6.0 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	5.3	
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	4.8	
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7555F.D
Date : 25-AUG-2005 04:55
Client ID: SS10-S-ORE
Instrument: E2.i
Sample Info: D0926-18ARE,19467,olp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7555R.D
Date : 25-AUG-2005 04:55
Client ID: SS10-S-ORE
Instrument: E2.i
Sample Info: D0926-18ARE,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7555F.D
Report Date: 29-Aug-2005 16:17

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7555F.D
Lab Smp Id: D0926-18ARE Client Smp ID: SS10-S-ORE
Inj Date : 25-AUG-2005 04:55
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-18ARE,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 24
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	12.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.62	7.59	0.030	71206	0.03138		12	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	114153	0.02935		11	
13 4,4'-DDE						CAS #: 72-55-9	
18.7	18.6	0.100	31261	0.01400		5.3	
18 4,4'-DDT						CAS #: 50-29-3	
21.9	21.9	0.000	24902	0.01427		5.4	

KC 8/31/05

Data File: E2E7555R.D
Report Date: 29-Aug-2005 16:18

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7555R.D
Lab Smp Id: D0926-18ARE Client Smp ID: SS10-S-ORE
Inj Date : 25-AUG-2005 04:55
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-18ARE,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 24
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	12.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$	1 Tetrachloro-m-xylene					CAS #: 877-09-8		
	5.79	5.77	0.020	59197	0.02943	11		
$	2 Decachlorobiphenyl					CAS #: 2051-24-3		
	25.4	25.4	0.000	109035	0.03015	11		
	13 4,4'-DDE					CAS #: 72-55-9		
	15.2	15.1	0.100	38068	0.01728	6.5		
	18 4,4'-DDT					CAS #: 50-29-3		
	18.3	18.3	0.000	21739	0.01274	4.8		

KC 8/31/05

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

SS11-S-M

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7520F

% Moisture: 11 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

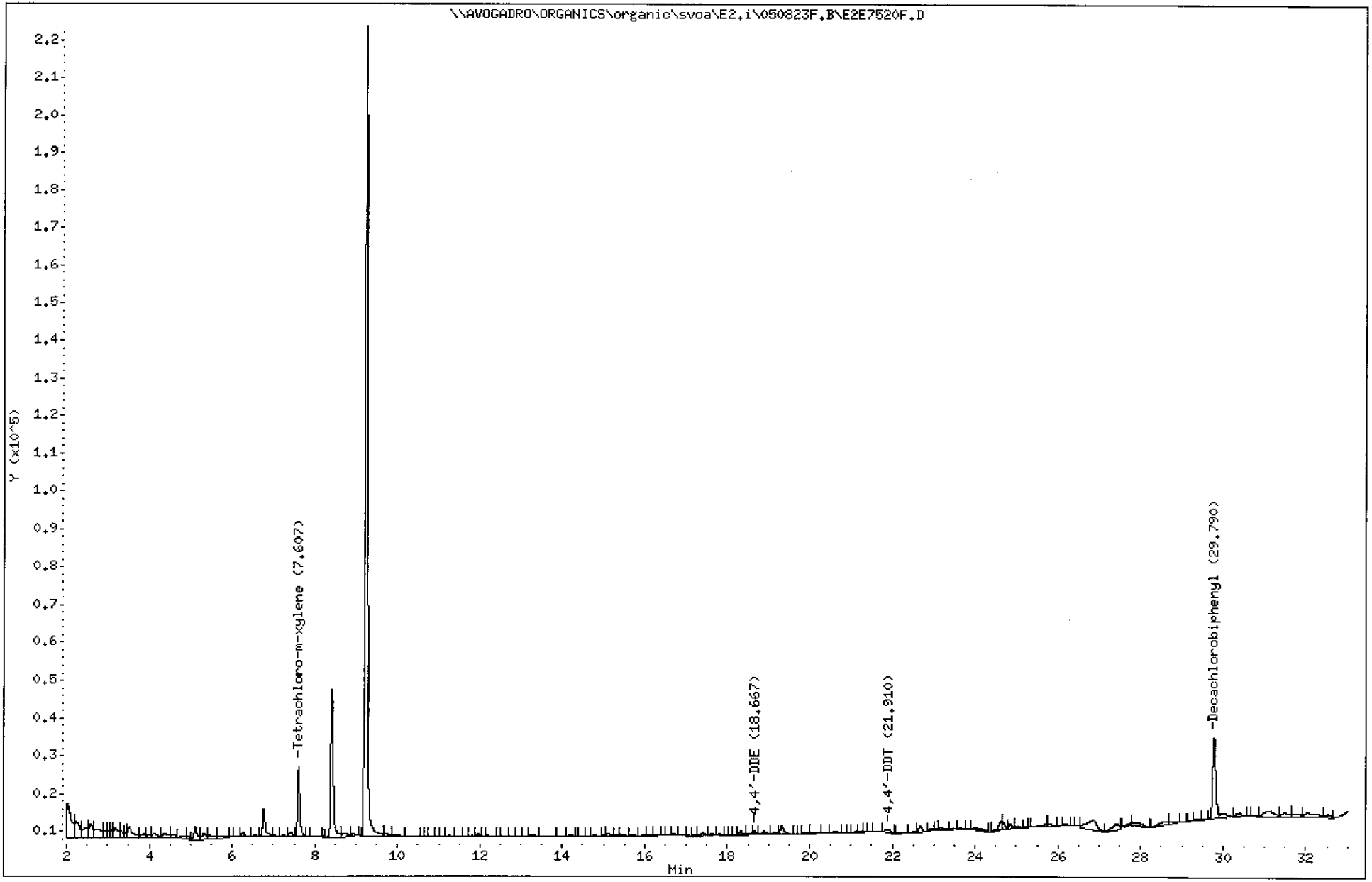
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

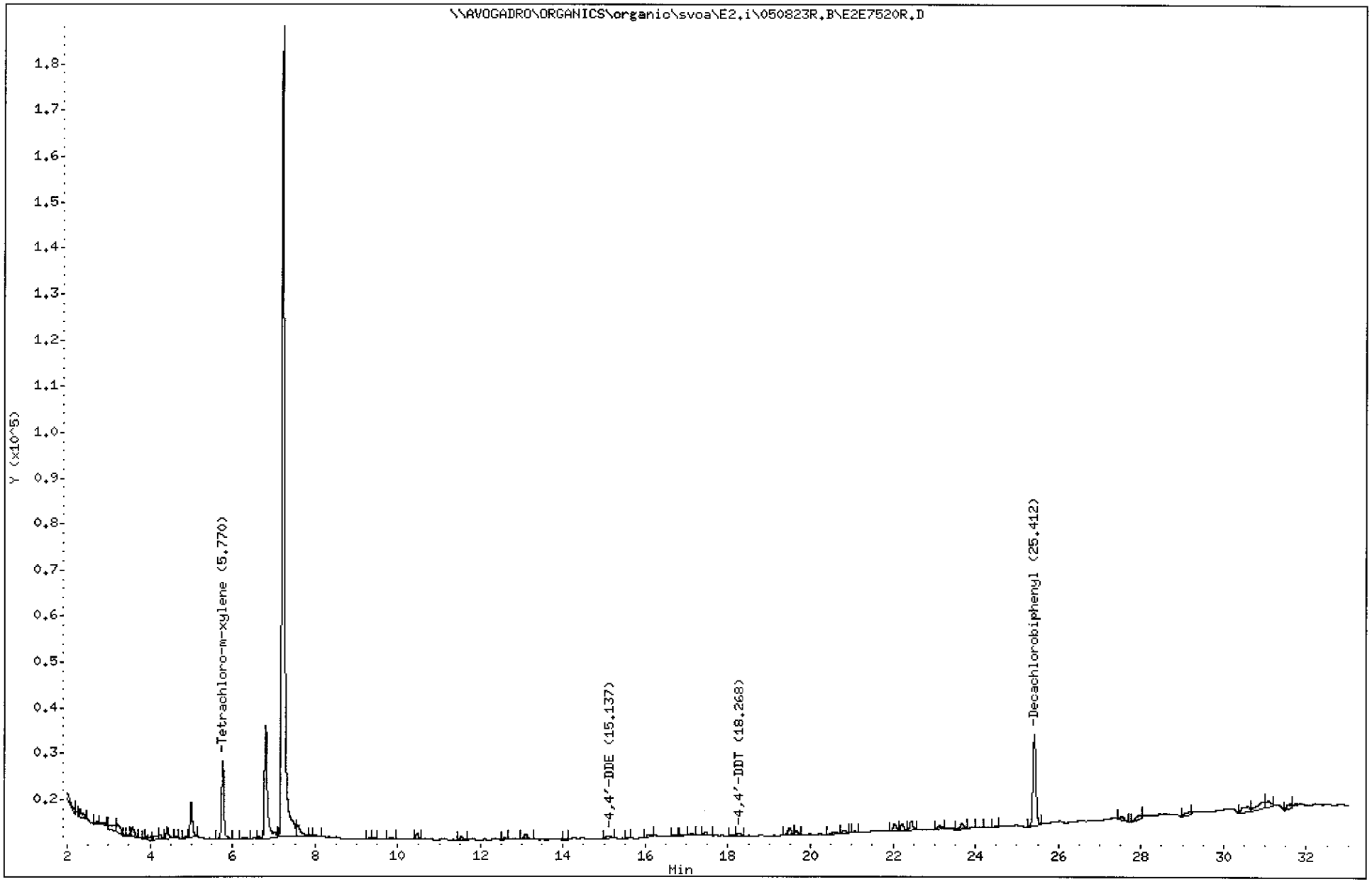
GPC Cleanup: (Y/N) Y pH: 5.7 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	3.7	U
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	3.7	U
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	75	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7520F.D
Date : 24-AUG-2005 04:36
Client ID: SS11-S-M
Instrument: E2.i
Sample Info: D0926-19A,,19467,clp.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7520R.D
Date : 24-AUG-2005 04:36
Client ID: SS11-S-M
Instrument: E2.i
Sample Info: D0926-19A,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7520F.D
Lab Smp Id: D0926-19A Client Smp ID: SS11-S-M
Inj Date : 24-AUG-2005 04:36
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-19A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\clp-1262e4f.m
Meth Date : 01-Sep-2005 12:52 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	11.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1	Tetrachloro-m-xylene					CAS #: 877-09-8		
	7.61	7.59	0.020	74694	0.03292		12	
$ 2	Decachlorobiphenyl					CAS #: 2051-24-3		
	29.8	29.8	0.000	109226	0.02809		11	

KL
9/2/05

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7520R.D
Lab Smp Id: D0926-19A Client Smp ID: SS11-S-M
Inj Date : 24-AUG-2005 04:36
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-19A,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\clp1262-e2r.m
Meth Date : 01-Sep-2005 12:52 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	11.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.77	5.77	0.000	65743	0.03268		12	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	104543	0.02891		11	

KC
9/2/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS11-S-MRE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7556F

% Moisture: 11 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

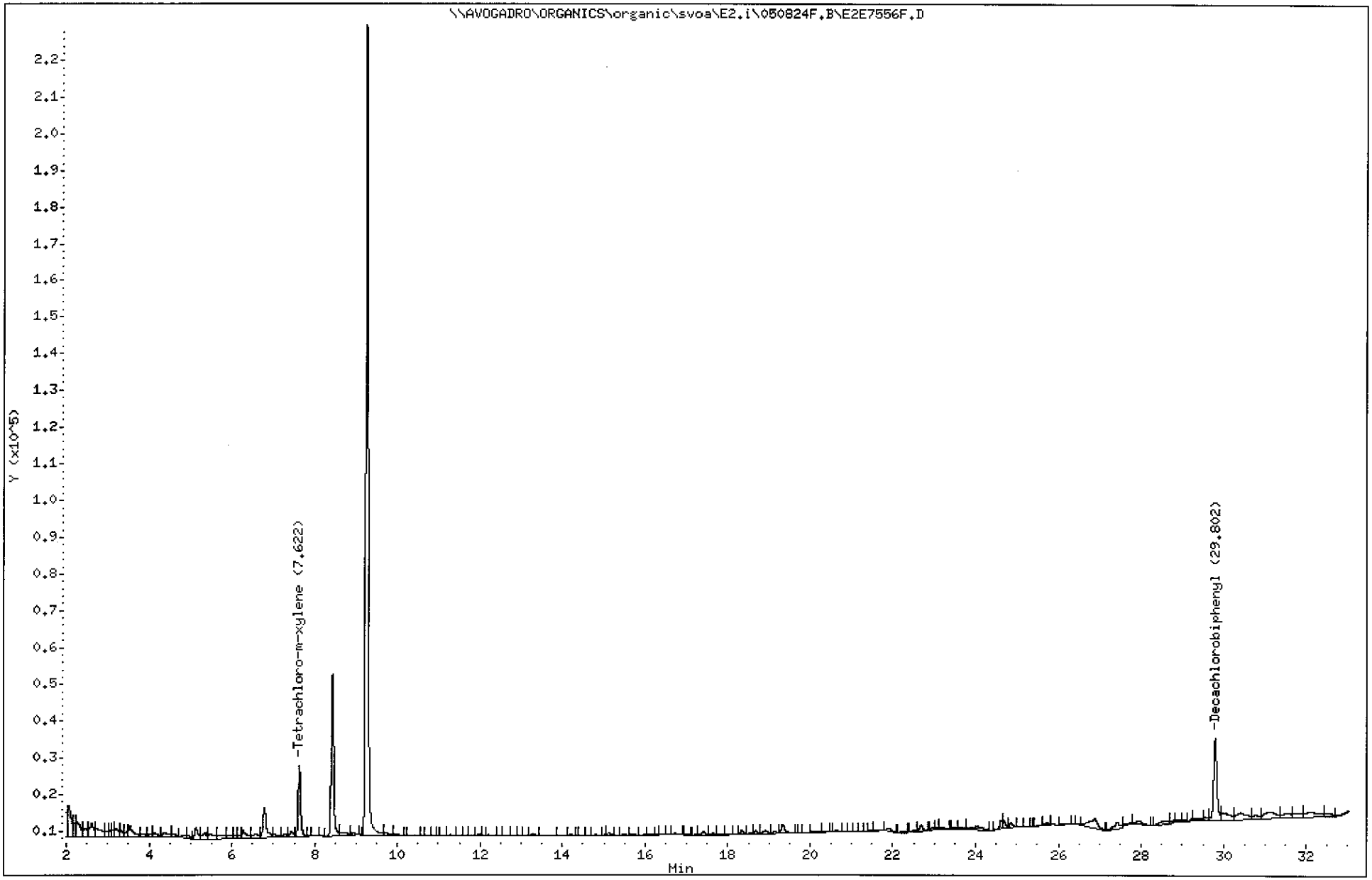
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

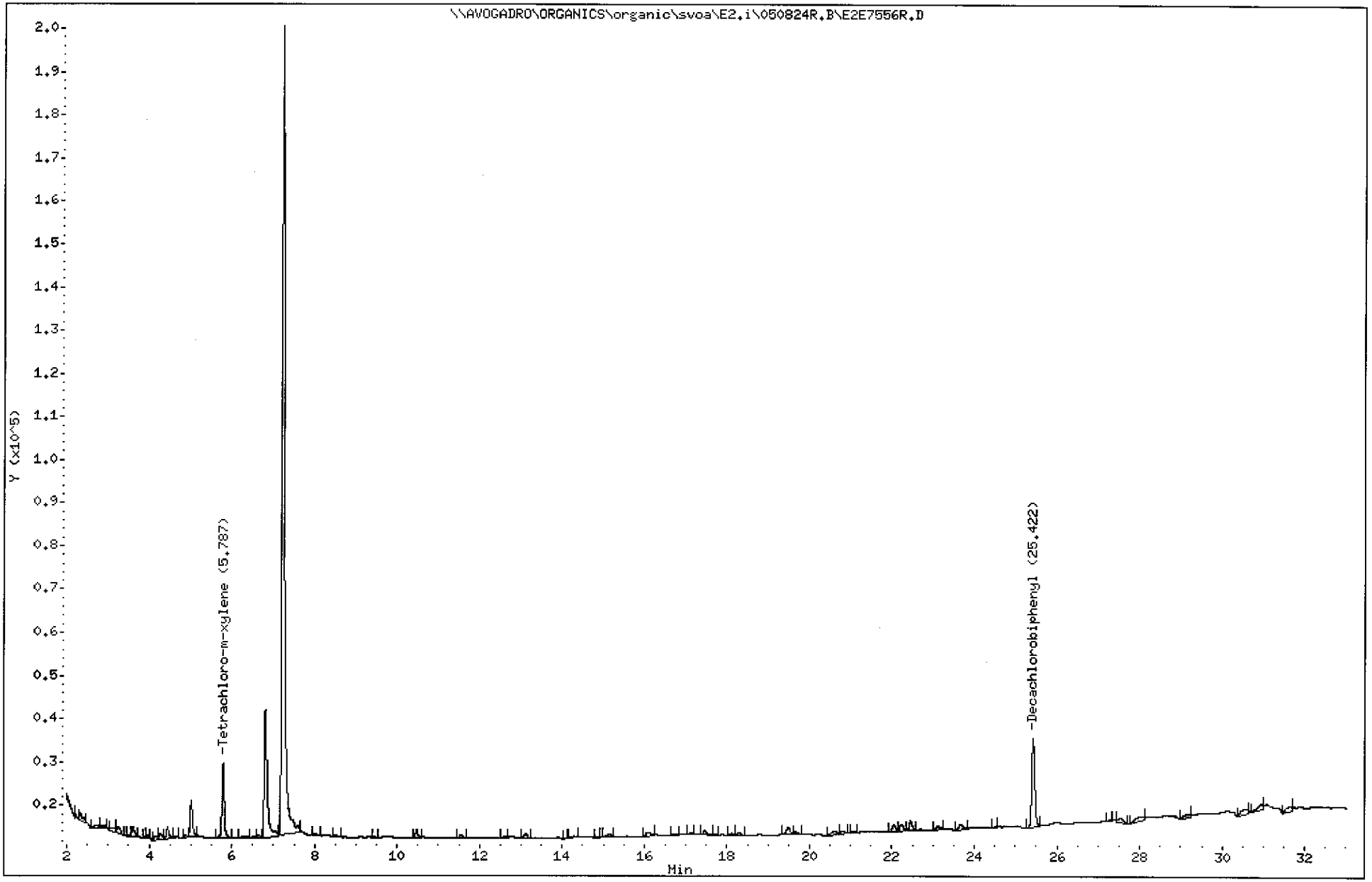
GPC Cleanup: (Y/N) Y pH: 5.6 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	3.7	U
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	3.7	U
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	75	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7556F.D
Date : 25-AUG-2005 05:31
Client ID: SS11-S-MRE
Instrument: E2.i
Sample Info: D0926-19ARE,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7556R.D
Date : 25-AUG-2005 05:31
Client ID: SS11-S-MRE
Instrument: E2.i
Sample Info: D0926-19ARE,,19467,clp.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7556F.D
Report Date: 29-Aug-2005 16:17

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7556F.D
Lab Smp Id: D0926-19ARE Client Smp ID: SS11-S-MRE
Inj Date : 25-AUG-2005 05:31
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-19ARE,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	11.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$	1 Tetrachloro-m-xylene					CAS #: 877-09-8		
	7.62	7.59	0.030	79541	0.03505		13	
$	2 Decachlorobiphenyl					CAS #: 2051-24-3		
	29.8	29.8	0.000	124539	0.03202		12	

KC 8/31/05

Data File: E2E7556R.D
Report Date: 29-Aug-2005 16:18

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7556R.D
Lab Smp Id: D0926-19ARE Client Smp ID: SS11-S-MRE
Inj Date : 25-AUG-2005 05:31
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : D0926-19ARE,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	11.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.79	5.77	0.020	67751	0.03368		13	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	106330	0.02941		11	

KC 08/31

6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: E2 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: CLPPEST ID: 0.53 (mm) Date(s) Analyzed: 08/17/05 08/18/05

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	10.03	10.03	10.03	10.03	9.98	10.08
beta-BHC	11.85	11.86	11.85	11.85	11.80	11.90
delta-BHC	12.97	12.97	12.97	12.97	12.92	13.02
gamma-BHC (Lindane)	11.44	11.44	11.44	11.44	11.39	11.49
Heptachlor	13.09	13.09	13.09	13.09	13.04	13.14
Aldrin	14.28	14.28	14.28	14.28	14.23	14.33
Heptachlor epoxide	16.54	16.54	16.54	16.54	16.47	16.61
Endosulfan I	17.95	17.95	17.95	17.95	17.88	18.02
Dieldrin	18.98	18.98	18.98	18.98	18.91	19.05
4,4'-DDE	18.65	18.65	18.65	18.65	18.58	18.72
Endrin	20.08	20.08	20.08	20.08	20.01	20.15
Endosulfan II	20.90	20.90	20.90	20.90	20.83	20.97
4,4'-DDD	20.79	20.79	20.78	20.79	20.72	20.86
Endosulfan sulfate	23.20	23.20	23.20	23.20	23.13	23.27
4,4'-DDT	21.91	21.91	21.91	21.91	21.84	21.98
Methoxychlor	24.57	24.57	24.56	24.57	24.50	24.64
Endrin ketone	25.07	25.07	25.07	25.07	25.00	25.14
Endrin aldehyde	22.18	22.18	22.18	22.18	22.11	22.25
alpha-Chlordane	17.82	17.82	17.82	17.82	17.75	17.89
gamma-Chlordane	17.25	17.25	17.25	17.25	17.18	17.32
Tetrachloro-m-xylene	7.59	7.59	7.59	7.59	7.54	7.64
Decachlorobiphenyl	29.76	29.76	29.76	29.76	29.66	29.86

* Surrogate retention times are measured from Standard Mix A analyses.

Retention time windows are +/- 0.05 minutes for all compounds that elute before Heptachlor epoxide, +/- 0.07 minutes for all other compounds, except +/- 0.10 minutes for Decachlorobiphenyl.

6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: E2 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: CLPPESTII ID: 0.53 (mm) Date(s) Analyzed: 08/17/05 08/18/05

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	7.61	7.61	7.61	7.61	7.56	7.66
beta-BHC	9.13	9.13	9.12	9.13	9.08	9.18
delta-BHC	9.70	9.70	9.69	9.70	9.65	9.75
gamma-BHC (Lindane)	8.71	8.71	8.71	8.71	8.66	8.76
Heptachlor	10.34	10.34	10.34	10.34	10.29	10.39
Aldrin	11.36	11.36	11.36	11.36	11.31	11.41
Heptachlor epoxide	13.64	13.64	13.64	13.64	13.57	13.71
Endosulfan I	14.99	14.99	14.99	14.99	14.92	15.06
Dieldrin	15.87	15.87	15.87	15.87	15.80	15.94
4,4'-DDE	15.15	15.14	15.12	15.14	15.07	15.21
Endrin	16.65	16.65	16.65	16.65	16.58	16.72
Endosulfan II	17.49	17.49	17.48	17.49	17.42	17.56
4,4'-DDD	17.37	17.32	17.28	17.32	17.25	17.39
Endosulfan sulfate	20.62	20.61	20.61	20.61	20.54	20.68
4,4'-DDT	18.29	18.27	18.25	18.27	18.20	18.34
Methoxychlor	20.28	20.25	20.22	20.25	20.18	20.32
Endrin ketone	21.52	21.51	21.51	21.51	21.44	21.58
Endrin aldehyde	19.06	19.06	19.05	19.06	18.99	19.13
alpha-Chlordane	14.57	14.57	14.57	14.57	14.50	14.64
gamma-Chlordane	14.09	14.09	14.09	14.09	14.02	14.16
Tetrachloro-m-xylene	5.77	5.77	5.77	5.77	5.72	5.82
Decachlorobiphenyl	25.41	25.40	25.39	25.40	25.30	25.50

* Surrogate retention times are measured from Standard Mix A analyses.

Retention time windows are +/- 0.05 minutes for all compounds that elute before Heptachlor epoxide, +/- 0.07 minutes for all other compounds, except +/- 0.10 minutes for Decachlorobiphenyl.

6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: E5 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: CLPPEST ID: 0.53 (mm) Date(s) Analyzed: 08/28/05 08/28/05

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	8.33	8.32	8.32	8.32	8.27	8.37
beta-BHC	9.83	9.82	9.83	9.82	9.77	9.87
delta-BHC	10.33	10.33	10.33	10.33	10.28	10.38
gamma-BHC (Lindane)	9.42	9.42	9.41	9.42	9.37	9.47
Heptachlor	10.92	10.92	10.92	10.92	10.87	10.97
Aldrin	11.80	11.80	11.80	11.80	11.75	11.85
Heptachlor epoxide	13.73	13.73	13.74	13.73	13.66	13.80
Endosulfan I	14.92	14.93	14.93	14.93	14.86	15.00
Dieldrin	16.11	16.11	16.11	16.11	16.04	16.18
4,4'-DDE	15.16	15.17	15.16	15.16	15.09	15.23
Endrin	16.97	16.98	16.97	16.97	16.90	17.04
Endosulfan II	17.55	17.55	17.55	17.55	17.48	17.62
4,4'-DDD	17.45	17.46	17.46	17.46	17.39	17.53
Endosulfan sulfate	19.52	19.52	19.52	19.52	19.45	19.59
4,4'-DDT	18.09	18.09	18.09	18.09	18.02	18.16
Methoxychlor	19.34	19.34	19.34	19.34	19.27	19.41
Endrin ketone	20.06	20.06	20.06	20.06	19.99	20.13
Endrin aldehyde	18.57	18.57	18.57	18.57	18.50	18.64
alpha-Chlordane	14.53	14.53	14.53	14.53	14.46	14.60
gamma-Chlordane	14.10	14.10	14.11	14.10	14.03	14.17
Tetrachloro-m-xylene	6.27	6.27	6.27	6.27	6.22	6.32
Decachlorobiphenyl	22.29	22.30	22.30	22.30	22.20	22.40

* Surrogate retention times are measured from Standard Mix A analyses.

Retention time windows are +/- 0.05 minutes for all compounds that elute before Heptachlor epoxide, +/- 0.07 minutes for all other compounds, except +/- 0.10 minutes for Decachlorobiphenyl.

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: E5 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: CLPPESTII ID: 0.53 (mm) Date(s) Analyzed: 08/28/05 08/28/05

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	10.82	10.82	10.82	10.82	10.77	10.87
beta-BHC	12.46	12.46	12.46	12.46	12.41	12.51
delta-BHC	13.38	13.38	13.38	13.38	13.33	13.43
gamma-BHC (Lindane)	12.07	12.06	12.06	12.06	12.01	12.11
Heptachlor	13.45	13.45	13.45	13.45	13.40	13.50
Aldrin	14.43	14.43	14.43	14.43	14.38	14.48
Heptachlor epoxide	17.07	17.07	17.07	17.07	17.00	17.14
Endosulfan I	18.01	18.01	18.01	18.01	17.94	18.08
Dieldrin	18.67	18.67	18.67	18.67	18.60	18.74
4,4'-DDE	18.49	18.49	18.49	18.49	18.42	18.56
Endrin	19.35	19.35	19.35	19.35	19.28	19.42
Endosulfan II	19.84	19.84	19.84	19.84	19.77	19.91
4,4'-DDD	19.80	19.80	19.80	19.80	19.73	19.87
Endosulfan sulfate	21.19	21.19	21.19	21.19	21.12	21.26
4,4'-DDT	20.46	20.46	20.46	20.46	20.39	20.53
Methoxychlor	21.97	21.98	21.97	21.97	21.90	22.04
Endrin ketone	22.24	22.24	22.24	22.24	22.17	22.31
Endrin aldehyde	20.61	20.61	20.61	20.61	20.54	20.68
alpha-Chlordane	17.94	17.94	17.94	17.94	17.87	18.01
gamma-Chlordane	17.56	17.56	17.56	17.56	17.49	17.63
Tetrachloro-m-xylene	8.45	8.45	8.45	8.45	8.40	8.50
Decachlorobiphenyl	24.79	24.79	24.79	24.79	24.69	24.89

* Surrogate retention times are measured from Standard Mix A analyses.

Retention time windows are +/- 0.05 minutes for all compounds that elute before Heptachlor epoxide, +/- 0.07 minutes for all other compounds, except +/- 0.10 minutes for Decachlorobiphenyl.

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: E2 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: CLPPEST ID: 0.53 (mm) Date(s) Analyzed: 08/17/05 08/18/05

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	2280800	2085500	2748263	2371521	14.4
beta-BHC	1371000	1368650	1402275	1380642	1.4
delta-BHC	1340400	1567750	2112300	1673483	23.7
gamma-BHC (Lindane)	2299400	2091100	2613988	2334829	11.3
Heptachlor	3245800	2609000	2671913	2842238	12.3
Aldrin	2210200	2143000	2400663	2251288	5.9
Heptachlor epoxide	2587600	2560650	2570600	2572950	0.5
Endosulfan I	2996200	2414300	2510938	2640479	11.8
Dieldrin	2736400	2259225	2493319	2496315	9.6
4,4'-DDE	2155800	2232175	2392006	2259994	5.3
Endrin	2214300	1797400	1966300	1992667	10.5
Endosulfan II	2153600	2237700	2199088	2196796	1.9
4,4'-DDD	1724800	1502475	1849200	1692158	10.4
Endosulfan sulfate	1417400	1624725	1775081	1605735	11.2
4,4'-DDT	1983300	1744575	2083538	1937138	9.0
Methoxychlor	1349940	1037175	954084	1113733	18.7
Endrin ketone	1414600	1606275	1763331	1594735	11.0
Endrin aldehyde	1831000	1764325	1662338	1752554	4.8
alpha-Chlordane	2631000	2658800	2676113	2655304	0.9
gamma-Chlordane	2814200	2763950	2796763	2791638	0.9
Tetrachloro-m-xylene	2951000	2269200	2233963	2484721	16.3
Decachlorobiphenyl	5234500	3888925	3389969	4171131	22.9

* Surrogate calibration factors are measured from Standard Mix A analyses.

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: E2 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: CLPPESTII ID: 0.53 (mm) Date(s) Analyzed: 08/17/05 08/18/05

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	2372800	2134200	2661075	2389358	11.0
beta-BHC	1211400	1318400	1331613	1287138	5.1
delta-BHC	1330200	1616050	2090413	1678888	22.9
gamma-BHC (Lindane)	2414600	2120150	2534213	2356321	9.0
Heptachlor	3309400	2706400	2817000	2944267	10.9
Aldrin	2294600	2353350	2510738	2386229	4.7
Heptachlor epoxide	2515400	2507250	2493750	2505467	0.4
Endosulfan I	2890400	2366250	2511300	2589317	10.5
Dieldrin	2863500	2397325	2507738	2589521	9.4
4,4'-DDE	1909900	2203400	2459894	2191065	12.6
Endrin	2086000	1709800	1773438	1856413	10.8
Endosulfan II	2042500	2159625	2132750	2111625	2.9
4,4'-DDD	1281200	1333050	1738231	1450827	17.2
Endosulfan sulfate	1316600	1589850	1722850	1543100	13.4
4,4'-DDT	1740600	1706100	2147644	1864781	13.2
Methoxychlor	1067100	965365	975230	1002565	5.6
Endrin ketone	1409400	1581400	1662375	1551058	8.3
Endrin aldehyde	1698700	1737600	1631556	1689285	3.2
alpha-Chlordane	2445400	2532150	2610350	2529300	3.3
gamma-Chlordane	2646400	2666450	2775688	2696179	2.6
Tetrachloro-m-xylene	2481000	2011650	1983425	2158692	12.9
Decachlorobiphenyl	4667000	3615950	3210013	3830988	19.6

* Surrogate calibration factors are measured from Standard Mix A analyses.

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: E5 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: CLPPEST ID: 0.53 (mm) Date(s) Analyzed: 08/28/05 08/28/05

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	35552000	31338700	34728650	33873117	6.6
beta-BHC	15260600	13717850	13491913	14156788	6.8
delta-BHC	32439400	33665350	36346738	34150496	5.9
gamma-BHC (Lindane)	36464400	31046950	33502725	33671358	8.1
Heptachlor	44945200	36804000	38373850	40041017	10.8
Aldrin	34233400	33949100	36053000	34745167	3.3
Heptachlor epoxide	39635400	38005250	39126363	38922338	2.1
Endosulfan I	47734200	39209200	39902075	42281825	11.2
Dieldrin	46388000	40628450	43963838	43660096	6.6
4,4'-DDE	35351800	36906200	39655056	37304352	5.8
Endrin	37616400	32384275	34432875	34811183	7.6
Endosulfan II	38728500	35899150	38442806	37690152	4.1
4,4'-DDD	39156600	34298300	35744025	36399642	6.9
Endosulfan sulfate	37532200	37359375	37993750	37628442	0.9
4,4'-DDT	43281000	37399725	38905725	39862150	7.7
Methoxychlor	23908980	18994825	17210846	20038217	17.3
Endrin ketone	41170100	40813225	40999719	40994348	0.4
Endrin aldehyde	30096400	29283150	29545775	29641775	1.4
alpha-Chlordane	39788400	37343300	37966600	38366100	3.3
gamma-Chlordane	41413200	39627050	40814913	40618388	2.2
Tetrachloro-m-xylene	24035200	19320700	19400163	20918688	12.9
Decachlorobiphenyl	44822600	35388300	34389225	38200042	15.1

* Surrogate calibration factors are measured from Standard Mix A analyses.

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: E5 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: CLPPESTII ID: 0.53 (mm) Date(s) Analyzed: 08/28/05 08/28/05

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	41764000	36389400	40022188	39391863	7.0
beta-BHC	16880400	15208750	14722588	15603913	7.3
delta-BHC	34113800	34182950	37735975	35344242	5.9
gamma-BHC (Lindane)	40060000	33976800	36553625	36863475	8.3
Heptachlor	42723400	34438400	35811513	37657771	11.8
Aldrin	29885800	28755950	30730975	29790908	3.3
Heptachlor epoxide	31300200	28906100	29672950	29959750	4.1
Endosulfan I	36067600	28858900	29492975	31473158	12.7
Dieldrin	35611100	30256450	32614581	32827377	8.2
4,4'-DDE	27193900	27674650	29817375	28228642	4.9
Endrin	27126700	22700250	24683144	24836698	8.9
Endosulfan II	27958500	25238925	27398775	26865400	5.3
4,4'-DDD	27818100	23605850	25542256	25655402	8.2
Endosulfan sulfate	26652500	25637900	26278000	26189467	2.0
4,4'-DDT	30030000	25256725	27279244	27521990	8.7
Methoxychlor	16870320	13389440	13032540	14430767	14.7
Endrin ketone	29448500	28895100	29640313	29327971	1.3
Endrin aldehyde	21299400	19803550	20299256	20467402	3.7
alpha-Chlordane	29808400	27828950	28311600	28649650	3.6
gamma-Chlordane	31419800	29286000	30385700	30363833	3.5
Tetrachloro-m-xylene	29311000	23490000	23045500	25282167	13.8
Decachlorobiphenyl	31185100	24209050	23331975	26242042	16.4

* Surrogate calibration factors are measured from Standard Mix A analyses.

6G

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: E2 Date(s) Analyzed: 08/17/05 08/18/05

GC Column: CLPPEST ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK1	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.50	1	21.22	21.15	21.29	188538
		2	22.21	22.14	22.28	157176
		3	24.02	23.95	24.09	264868
		4				
		5				
Aroclor-1016	0.10	1	9.54	9.47	9.61	61750
		2	11.09	11.02	11.16	128660
		3	12.82	12.75	12.89	264560
		4				
		5				
Aroclor-1221	0.20	1	8.78	8.71	8.85	33550
		2	9.31	9.24	9.38	23150
		3	9.54	9.47	9.61	86835
		4				
		5				
Aroclor-1232	0.10	1	11.09	11.02	11.16	57310
		2	12.53	12.46	12.60	5220
		3	13.33	13.26	13.40	48770
		4				
		5				
Aroclor-1242	0.10	1	12.82	12.75	12.89	202770
		2	14.12	14.05	14.19	49450
		3	14.26	14.19	14.33	51640
		4				
		5				
Aroclor-1248	0.10	1	15.10	15.03	15.17	108020
		2	15.54	15.47	15.61	103660
		3	16.53	16.46	16.60	107840
		4				
		5				
Aroclor-1254	0.10	1	16.66	16.59	16.73	146770
		2	19.07	19.00	19.14	200680
		3	19.80	19.73	19.87	99870
		4				
		5				
Aroclor-1260	0.10	1	23.28	23.21	23.35	146760
		2	24.22	24.15	24.29	351810
		3	25.54	25.47	25.61	244120
		4				
		5				

1 At least 3 peaks for each column are required for identification of multicomponent analytes.

6G

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: E2 Date(s) Analyzed: 08/17/05 08/18/05

GC Column: CLPPESTII ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK1	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.50	1	19.40	19.33	19.47	142546
		2	20.14	20.07	20.21	178846
		3	21.40	21.33	21.47	94936
		4				
		5				
Aroclor-1016	0.10	1	8.21	8.14	8.28	89470
		2	8.90	8.83	8.97	54810
		3	9.85	9.78	9.92	170920
		4				
		5				
Aroclor-1221	0.20	1	6.42	6.35	6.49	22150
		2	6.89	6.82	6.96	10980
		3	7.02	6.95	7.09	56285
		4				
		5				
Aroclor-1232	0.10	1	7.04	6.97	7.11	37430
		2	8.22	8.15	8.29	37420
		3	9.87	9.80	9.94	47940
		4				
		5				
Aroclor-1242	0.10	1	8.90	8.83	8.97	42270
		2	9.86	9.79	9.93	99270
		3	10.33	10.26	10.40	48010
		4				
		5				
Aroclor-1248	0.10	1	11.74	11.67	11.81	111500
		2	12.04	11.97	12.11	66450
		3	13.09	13.02	13.16	56050
		4				
		5				
Aroclor-1254	0.10	1	13.09	13.02	13.16	117010
		2	15.47	15.40	15.54	117180
		3	17.14	17.07	17.21	134620
		4				
		5				
Aroclor-1260	0.10	1	19.40	19.33	19.47	115960
		2	20.57	20.50	20.64	275280
		3	21.65	21.58	21.72	206580
		4				
		5				

1 At least 3 peaks for each column are required for identification of multicomponent analytes.

6G

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: E5 Date(s) Analyzed: 08/28/05 08/28/05

GC Column: CLPPEST ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK1	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.50	1	18.79	18.72	18.86	2279334
		2	19.24	19.17	19.31	2691288
		3	19.40	19.33	19.47	3989368
		4				
		5				
Aroclor-1016	0.10	1	8.97	8.90	9.04	840470
		2	9.60	9.53	9.67	601440
		3	10.46	10.39	10.53	2003960
		4				
		5				
Aroclor-1221	0.20	1	7.08	7.01	7.15	215855
		2	7.61	7.54	7.68	139055
		3	7.74	7.67	7.81	573785
		4				
		5				
Aroclor-1232	0.10	1	9.60	9.53	9.67	268110
		2	10.47	10.40	10.54	914690
		3	12.16	12.09	12.23	409280
		4				
		5				
Aroclor-1242	0.10	1	12.16	12.09	12.23	775500
		2	13.16	13.09	13.23	346540
		3	13.44	13.37	13.51	657590
		4				
		5				
Aroclor-1248	0.10	1	13.16	13.09	13.23	561710
		2	14.07	14.00	14.14	1071690
		3	15.52	15.45	15.59	713550
		4				
		5				
Aroclor-1254	0.10	1	16.82	16.75	16.89	1486330
		2	17.33	17.26	17.40	1420020
		3	17.97	17.90	18.04	2042860
		4				
		5				
Aroclor-1260	0.10	1	19.48	19.41	19.55	2944310
		2	20.06	19.99	20.13	1646600
		3	21.36	21.29	21.43	866870
		4				
		5				

1 At least 3 peaks for each column are required for identification of multicomponent analytes.

6G

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Instrument ID: E5 Date(s) Analyzed: 08/28/05 08/28/05

GC Column: CLPPESTII ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK1	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.50	1	20.04	19.97	20.11	1439732
		2	20.63	20.56	20.70	1267498
		3	21.66	21.59	21.73	2589834
		4				
		5				
Aroclor-1016	0.10	1	10.38	10.31	10.45	472120
		2	11.78	11.71	11.85	944720
		3	12.45	12.38	12.52	269090
		4				
		5				
Aroclor-1221	0.20	1	9.68	9.61	9.75	259850
		2	10.18	10.11	10.25	177880
		3	10.38	10.31	10.45	677010
		4				
		5				
Aroclor-1232	0.10	1	10.38	10.31	10.45	553460
		2	11.78	11.71	11.85	390520
		3	12.54	12.47	12.61	130880
		4				
		5				
Aroclor-1242	0.10	1	13.24	13.17	13.31	1645420
		2	13.66	13.59	13.73	639530
		3	13.98	13.91	14.05	385920
		4				
		5				
Aroclor-1248	0.10	1	15.36	15.29	15.43	804420
		2	16.88	16.81	16.95	511560
		3	17.09	17.02	17.16	1073340
		4				
		5				
Aroclor-1254	0.10	1	17.19	17.12	17.26	945640
		2	17.68	17.61	17.75	1126300
		3	18.75	18.68	18.82	1499570
		4				
		5				
Aroclor-1260	0.10	1	19.20	19.13	19.27	1216830
		2	19.96	19.89	20.03	410410
		3	20.44	20.37	20.51	1989660
		4				
		5				

1 At least 3 peaks for each column are required for identification of multicomponent analytes.

6H

PESTICIDE ANALYTE RESOLUTION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E2

EPA Sample No. (RESC##): RESCE1 Lab Sample ID (1): RESCE1

Date Analyzed (1): 08/17/05 Time Analyzed (1): 1948

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.59	100.0
02	gamma-Chlordane	17.25	100.0
03	Endosulfan I	17.95	100.0
04	4,4'-DDE	18.64	98.7
05	Dieldrin	18.98	100.0
06	Endosulfan sulfate	23.19	100.0
07	Methoxychlor	24.57	100.0
08	Endrin ketone	25.07	100.0
09	Decachlorobiphenyl	29.76	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E2

EPA Sample No. (RESC##): RESCE1 Lab Sample ID (2): RESCE1

Date Analyzed (2): 08/17/05 Time Analyzed (2): 1948

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.77	100.0
02	gamma-Chlordane	14.08	100.0
03	Endosulfan I	14.99	85.1
04	4,4'-DDE	15.14	100.0
05	Dieldrin	15.87	100.0
06	Methoxychlor	20.27	83.9
07	Endosulfan sulfate	20.61	100.0
08	Endrin ketone	21.51	100.0
09	Decachlorobiphenyl	25.40	

6H

PESTICIDE ANALYTE RESOLUTION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E5

EPA Sample No. (RESC##): RESCZ1 Lab Sample ID (1): RESCZ1

Date Analyzed (1): 08/28/05 Time Analyzed (1): 0958

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	6.29	100.0
02	gamma-Chlordane	14.12	100.0
03	Endosulfan I	14.94	97.6
04	4,4'-DDE	15.18	100.0
05	Dieldrin	16.13	100.0
06	Methoxychlor	19.34	100.0
07	Endosulfan sulfate	19.53	100.0
08	Endrin ketone	20.07	100.0
09	Decachlorobiphenyl	22.30	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E5

EPA Sample No. (RESC##): RESCZ1 Lab Sample ID (2): RESCZ1

Date Analyzed (2): 08/28/05 Time Analyzed (2): 0958

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	8.45	100.0
02	gamma-Chlordane	17.56	100.0
03	Endosulfan I	18.01	100.0
04	4,4'-DDE	18.50	99.3
05	Dieldrin	18.67	100.0
06	Endosulfan sulfate	21.20	100.0
07	Methoxychlor	21.98	100.0
08	Endrin ketone	22.24	100.0
09	Decachlorobiphenyl	24.79	

PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E2

EPA Sample No. (PEM##): PEME1 Lab Sample ID (1): PEME1

Date Analyzed (1): 08/17/05 Time Analyzed (1): 2024

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.59	100.0
02	alpha-BHC	10.02	100.0
03	gamma-BHC (Lindane)	11.43	100.0
04	beta-BHC	11.85	100.0
05	Endrin	20.08	100.0
06	4,4'-DDT	21.91	100.0
07	Methoxychlor	24.56	100.0
08	Decachlorobiphenyl	29.76	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E2

EPA Sample No. (PEM##): PEME1 Lab Sample ID (2): PEME1

Date Analyzed (2): 08/17/05 Time Analyzed (2): 2024

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.77	100.0
02	alpha-BHC	7.61	100.0
03	gamma-BHC (Lindane)	8.71	100.0
04	beta-BHC	9.13	100.0
05	Endrin	16.65	100.0
06	4,4'-DDT	18.26	100.0
07	Methoxychlor	20.24	100.0
08	Decachlorobiphenyl	25.40	

PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E2

EPA Sample No. (PEM##): PEME2 Lab Sample ID (1): PEME2

Date Analyzed (1): 08/18/05 Time Analyzed (1): 0528

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.59	100.0
02	alpha-BHC	10.03	100.0
03	gamma-BHC (Lindane)	11.44	100.0
04	beta-BHC	11.86	100.0
05	Endrin	20.08	100.0
06	4,4'-DDT	21.91	100.0
07	Methoxychlor	24.57	100.0
08	Decachlorobiphenyl	29.76	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E2

EPA Sample No. (PEM##): PEME2 Lab Sample ID (2): PEME2

Date Analyzed (2): 08/18/05 Time Analyzed (2): 0528

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.77	100.0
02	alpha-BHC	7.61	100.0
03	gamma-BHC (Lindane)	8.71	100.0
04	beta-BHC	9.13	100.0
05	Endrin	16.65	100.0
06	4,4'-DDT	18.27	100.0
07	Methoxychlor	20.25	100.0
08	Decachlorobiphenyl	25.41	

6I

PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E2

EPA Sample No. (PEM##): PEMEJ Lab Sample ID (1): PEMEJ

Date Analyzed (1): 08/23/05 Time Analyzed (1): 0949

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.61	100.0
02	alpha-BHC	10.05	100.0
03	gamma-BHC (Lindane)	11.46	100.0
04	beta-BHC	11.88	100.0
05	Endrin	20.11	100.0
06	4,4'-DDT	21.94	100.0
07	Methoxychlor	24.60	100.0
08	Decachlorobiphenyl	29.79	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E2

EPA Sample No. (PEM##): PEMEJ Lab Sample ID (2): PEMEJ

Date Analyzed (2): 08/23/05 Time Analyzed (2): 0949

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.79	100.0
02	alpha-BHC	7.63	100.0
03	gamma-BHC (Lindane)	8.74	100.0
04	beta-BHC	9.15	100.0
05	Endrin	16.68	100.0
06	4,4'-DDT	18.29	100.0
07	Methoxychlor	20.27	100.0
08	Decachlorobiphenyl	25.43	

PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E2

EPA Sample No. (PEM##): PEMDK Lab Sample ID (1): PEMDK

Date Analyzed (1): 08/24/05 Time Analyzed (1): 0135

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.61	100.0
02	alpha-BHC	10.05	100.0
03	gamma-BHC (Lindane)	11.46	100.0
04	beta-BHC	11.88	100.0
05	Endrin	20.11	100.0
06	4,4'-DDT	21.94	100.0
07	Methoxychlor	24.60	100.0
08	Decachlorobiphenyl	29.79	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E2

EPA Sample No. (PEM##): PEMDK Lab Sample ID (2): PEMDK

Date Analyzed (2): 08/24/05 Time Analyzed (2): 0135

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.78	100.0
02	alpha-BHC	7.63	100.0
03	gamma-BHC (Lindane)	8.73	100.0
04	beta-BHC	9.14	100.0
05	Endrin	16.68	100.0
06	4,4'-DDT	18.28	100.0
07	Methoxychlor	20.25	100.0
08	Decachlorobiphenyl	25.42	

PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E2

EPA Sample No. (PEM##): PEMEL Lab Sample ID (1): PEMEL

Date Analyzed (1): 08/24/05 Time Analyzed (1): 1113

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.62	100.0
02	alpha-BHC	10.06	100.0
03	gamma-BHC (Lindane)	11.47	100.0
04	beta-BHC	11.89	100.0
05	Endrin	20.12	100.0
06	4,4'-DDT	21.95	100.0
07	Methoxychlor	24.60	100.0
08	Decachlorobiphenyl	29.80	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E2

EPA Sample No. (PEM##): PEMEL Lab Sample ID (2): PEMEL

Date Analyzed (2): 08/24/05 Time Analyzed (2): 1113

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.78	100.0
02	alpha-BHC	7.63	100.0
03	gamma-BHC (Lindane)	8.74	100.0
04	beta-BHC	9.15	100.0
05	Endrin	16.68	100.0
06	4,4'-DDT	18.29	100.0
07	Methoxychlor	20.26	100.0
08	Decachlorobiphenyl	25.43	

PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GG Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E2

EPA Sample No. (PEM##): PEMEN Lab Sample ID (1): PEMEN

Date Analyzed (1): 08/25/05 Time Analyzed (1): 0230

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.62	100.0
02	alpha-BHC	10.06	100.0
03	gamma-BHC (Lindane)	11.47	100.0
04	beta-BHC	11.89	100.0
05	Endrin	20.12	100.0
06	4,4'-DDT	21.95	100.0
07	Methoxychlor	24.61	100.0
08	Decachlorobiphenyl	29.81	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E2

EPA Sample No. (PEM##): PEMEN Lab Sample ID (2): PEMEN

Date Analyzed (2): 08/25/05 Time Analyzed (2): 0230

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.79	100.0
02	alpha-BHC	7.64	100.0
03	gamma-BHC (Lindane)	8.74	100.0
04	beta-BHC	9.15	100.0
05	Endrin	16.69	100.0
06	4,4'-DDT	18.29	100.0
07	Methoxychlor	20.27	100.0
08	Decachlorobiphenyl	25.44	

6I

PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E2

EPA Sample No. (PEM##): PEMEQ Lab Sample ID (1): PEMEQ

Date Analyzed (1): 08/25/05 Time Analyzed (1): 1439

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.63	100.0
02	alpha-BHC	10.07	100.0
03	gamma-BHC (Lindane)	11.48	100.0
04	beta-BHC	11.90	100.0
05	Endrin	20.14	100.0
06	4,4'-DDT	21.97	100.0
07	Methoxychlor	24.63	100.0
08	Decachlorobiphenyl	29.82	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E2

EPA Sample No. (PEM##): PEMEQ Lab Sample ID (2): PEMEQ

Date Analyzed (2): 08/25/05 Time Analyzed (2): 1439

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.79	100.0
02	alpha-BHC	7.65	100.0
03	gamma-BHC (Lindane)	8.75	100.0
04	beta-BHC	9.16	100.0
05	Endrin	16.70	100.0
06	4,4'-DDT	18.31	100.0
07	Methoxychlor	20.29	100.0
08	Decachlorobiphenyl	25.46	

PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E5

EPA Sample No. (PEM##): PEMZ1 Lab Sample ID (1): PEMZ1

Date Analyzed (1): 08/28/05 Time Analyzed (1): 1029

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	6.27	100.0
02	alpha-BHC	8.32	100.0
03	gamma-BHC (Lindane)	9.42	100.0
04	beta-BHC	9.82	100.0
05	Endrin	16.97	100.0
06	4,4'-DDT	18.09	100.0
07	Methoxychlor	19.34	100.0
08	Decachlorobiphenyl	22.30	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E5

EPA Sample No. (PEM##): PEMZ1 Lab Sample ID (2): PEMZ1

Date Analyzed (2): 08/28/05 Time Analyzed (2): 1029

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	8.45	100.0
02	alpha-BHC	10.82	100.0
03	gamma-BHC (Lindane)	12.06	100.0
04	beta-BHC	12.45	100.0
05	Endrin	19.35	100.0
06	4,4'-DDT	20.46	100.0
07	Methoxychlor	21.97	100.0
08	Decachlorobiphenyl	24.79	

6I

PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E5

EPA Sample No. (PEM##): PEMZ2 Lab Sample ID (1): PEMZ2

Date Analyzed (1): 08/28/05 Time Analyzed (1): 1806

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	6.27	100.0
02	alpha-BHC	8.32	100.0
03	gamma-BHC (Lindane)	9.41	100.0
04	beta-BHC	9.82	100.0
05	Endrin	16.97	100.0
06	4,4'-DDT	18.09	100.0
07	Methoxychlor	19.34	100.0
08	Decachlorobiphenyl	22.29	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E5

EPA Sample No. (PEM##): PEMZ2 Lab Sample ID (2): PEMZ2

Date Analyzed (2): 08/28/05 Time Analyzed (2): 1806

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	8.45	100.0
02	alpha-BHC	10.82	100.0
03	gamma-BHC (Lindane)	12.06	100.0
04	beta-BHC	12.46	100.0
05	Endrin	19.35	100.0
06	4,4'-DDT	20.46	100.0
07	Methoxychlor	21.97	100.0
08	Decachlorobiphenyl	24.79	

INDIVIDUAL STANDARD MIXTURE A

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E2

EPA Sample No. (INDAM##): INDAME1 Lab Sample ID (1): INDAME1

Date Analyzed (1): 08/18/05 Time Analyzed (1): 0226

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.59	100.0
02	alpha-BHC	10.03	100.0
03	gamma-BHC (Lindane)	11.44	100.0
04	Heptachlor	13.09	100.0
05	Endosulfan I	17.95	100.0
06	Dieldrin	18.98	100.0
07	Endrin	20.08	100.0
08	4,4'-DDD	20.79	100.0
09	4,4'-DDT	21.91	100.0
10	Methoxychlor	24.57	100.0
11	Decachlorobiphenyl	29.76	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E2

EPA Sample No. (INDAM##): INDAME1 Lab Sample ID (2): INDAME1

Date Analyzed (2): 08/18/05 Time Analyzed (2): 0226

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.77	100.0
02	alpha-BHC	7.61	100.0
03	gamma-BHC (Lindane)	8.71	100.0
04	Heptachlor	10.34	100.0
05	Endosulfan I	14.99	100.0
06	Dieldrin	15.87	100.0
07	Endrin	16.65	100.0
08	4,4'-DDD	17.32	100.0
09	4,4'-DDT	18.27	100.0
10	Methoxychlor	20.25	100.0
11	Decachlorobiphenyl	25.40	

6J

INDIVIDUAL STANDARD MIXTURE A

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E5

EPA Sample No. (INDAM##): INDAMZ1 Lab Sample ID (1): INDAMZ1

Date Analyzed (1): 08/28/05 Time Analyzed (1): 1534

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	6.27	100.0
02	alpha-BHC	8.32	100.0
03	gamma-BHC (Lindane)	9.42	100.0
04	Heptachlor	10.92	100.0
05	Endosulfan I	14.93	100.0
06	Dieldrin	16.11	100.0
07	Endrin	16.98	100.0
08	4,4'-DDD	17.46	100.0
09	4,4'-DDT	18.09	100.0
10	Methoxychlor	19.34	100.0
11	Decachlorobiphenyl	22.30	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E5

EPA Sample No. (INDAM##): INDAMZ1 Lab Sample ID (2): INDAMZ1

Date Analyzed (2): 08/28/05 Time Analyzed (2): 1534

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	8.45	100.0
02	alpha-BHC	10.82	100.0
03	gamma-BHC (Lindane)	12.06	100.0
04	Heptachlor	13.45	100.0
05	Endosulfan I	18.01	100.0
06	Dieldrin	18.67	100.0
07	Endrin	19.35	100.0
08	4,4'-DDD	19.80	100.0
09	4,4'-DDT	20.46	100.0
10	Methoxychlor	21.98	100.0
11	Decachlorobiphenyl	24.79	

6K
INDIVIDUAL STANDARD MIXTURE B

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E2

EPA Sample No. (INDBM##): INDBME1 Lab Sample ID (1): INDBME1

Date Analyzed (1): 08/18/05 Time Analyzed (1): 0302

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.59	100.0
02	beta-BHC	11.86	100.0
03	delta-BHC	12.97	100.0
04	Aldrin	14.28	100.0
05	Heptachlor epoxide	16.54	100.0
06	gamma-Chlordane	17.25	100.0
07	alpha-Chlordane	17.82	100.0
08	4,4'-DDE	18.65	100.0
09	Endosulfan II	20.90	100.0
10	Endrin aldehyde	22.18	100.0
11	Endosulfan sulfate	23.20	100.0
12	Endrin ketone	25.07	100.0
13	Decachlorobiphenyl	29.76	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E2

EPA Sample No. (INDBM##): INDBME1 Lab Sample ID (2): INDBME1

Date Analyzed (2): 08/18/05 Time Analyzed (2): 0302

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.77	100.0
02	beta-BHC	9.13	100.0
03	delta-BHC	9.70	100.0
04	Aldrin	11.36	100.0
05	Heptachlor epoxide	13.64	100.0
06	gamma-Chlordane	14.09	100.0
07	alpha-Chlordane	14.57	100.0
08	4,4'-DDE	15.14	100.0
09	Endosulfan II	17.49	100.0
10	Endrin aldehyde	19.06	100.0
11	Endosulfan sulfate	20.61	100.0
12	Endrin ketone	21.51	100.0
13	Decachlorobiphenyl	25.40	

INDIVIDUAL STANDARD MIXTURE B

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E5

EPA Sample No. (INDBM##): INDBMZ1 Lab Sample ID (1): INDBMZ1

Date Analyzed (1): 08/28/05 Time Analyzed (1): 1604

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	6.27	100.0
02	beta-BHC	9.82	100.0
03	delta-BHC	10.33	100.0
04	Aldrin	11.80	100.0
05	Heptachlor epoxide	13.74	100.0
06	gamma-Chlordane	14.11	100.0
07	alpha-Chlordane	14.53	100.0
08	4,4'-DDE	15.17	100.0
09	Endosulfan II	17.55	100.0
10	Endrin aldehyde	18.57	100.0
11	Endosulfan sulfate	19.52	100.0
12	Endrin ketone	20.06	100.0
13	Decachlorobiphenyl	22.30	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E5

EPA Sample No. (INDBM##): INDBMZ1 Lab Sample ID (2): INDBMZ1

Date Analyzed (2): 08/28/05 Time Analyzed (2): 1604

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	8.45	100.0
02	beta-BHC	12.46	100.0
03	delta-BHC	13.38	100.0
04	Aldrin	14.43	100.0
05	Heptachlor epoxide	17.07	100.0
06	gamma-Chlordane	17.56	100.0
07	alpha-Chlordane	17.94	100.0
08	4,4'-DDE	18.49	100.0
09	Endosulfan II	19.84	100.0
10	Endrin aldehyde	20.61	100.0
11	Endosulfan sulfate	21.19	100.0
12	Endrin ketone	22.24	100.0
13	Decachlorobiphenyl	24.79	

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): _____ Date Analyzed : _____

Lab Sample ID (PIBLK) : _____ Time Analyzed : _____

EPA Sample No.(PEM##) : PEME1 Date Analyzed : 08/17/05

Lab Sample ID (PEM) : PEME1 Time Analyzed : 2024

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.02	9.98	10.08	0.009	0.010	-10.0
beta-BHC	11.85	11.80	11.90	0.010	0.010	0.0
gamma-BHC (Lindane)	11.43	11.39	11.49	0.009	0.010	-10.0
Endrin	20.08	20.01	20.15	0.056	0.050	12.0
4,4'-DDT	21.91	21.84	21.98	0.104	0.10	4.0
Methoxychlor	24.56	24.50	24.64	0.239	0.25	-4.4

4,4'-DDT % Breakdown (1): 5.74 Endrin % Breakdown (1): 8.16

Combined % Breakdown (1): 13.90

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): _____ Date Analyzed : _____

Lab Sample ID (PIBLK) : _____ Time Analyzed : _____

EPA Sample No.(PEM##) : PEME1 Date Analyzed : 08/17/05

Lab Sample ID (PEM) : PEME1 Time Analyzed : 2024

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.61	7.56	7.66	0.009	0.010	-10.0
beta-BHC	9.13	9.08	9.18	0.009	0.010	-10.0
gamma-BHC (Lindane)	8.71	8.66	8.76	0.009	0.010	-10.0
Endrin	16.65	16.58	16.72	0.055	0.050	10.0
4,4'-DDT	18.26	18.20	18.34	0.109	0.10	9.0
Methoxychlor	20.24	20.18	20.32	0.243	0.25	-2.8

4,4'-DDT % Breakdown (1): 4.10 Endrin % Breakdown (1): 2.43

Combined % Breakdown (1): 6.53

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): PIBLKE2 Date Analyzed : 08/18/05

Lab Sample ID (PIBLK) : PIBLKE2 Time Analyzed : 0451

EPA Sample No.(PEM##) : PEME2 Date Analyzed : 08/18/05

Lab Sample ID (PEM) : PEME2 Time Analyzed : 0528

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.03	9.98	10.08	0.009	0.010	-10.0
beta-BHC	11.86	11.80	11.90	0.010	0.010	0.0
gamma-BHC (Lindane)	11.44	11.39	11.49	0.009	0.010	-10.0
Endrin	20.08	20.01	20.15	0.055	0.050	10.0
4,4'-DDT	21.91	21.84	21.98	0.103	0.10	3.0
Methoxychlor	24.57	24.50	24.64	0.227	0.25	-9.2

4,4'-DDT % Breakdown (1): 4.09 Endrin % Breakdown (1): 9.71

Combined % Breakdown (1): 13.79

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): PIBLKE2 Date Analyzed : 08/18/05

Lab Sample ID (PIBLK) : PIBLKE2 Time Analyzed : 0451

EPA Sample No.(PEM##) : PEME2 Date Analyzed : 08/18/05

Lab Sample ID (PEM) : PEME2 Time Analyzed : 0528

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.61	7.56	7.66	0.009	0.010	-10.0
beta-BHC	9.13	9.08	9.18	0.009	0.010	-10.0
gamma-BHC (Lindane)	8.71	8.66	8.76	0.009	0.010	-10.0
Endrin	16.65	16.58	16.72	0.055	0.050	10.0
4,4'-DDT	18.27	18.20	18.34	0.111	0.10	11.0
Methoxychlor	20.25	20.18	20.32	0.230	0.25	-8.0

4,4'-DDT % Breakdown (1): 2.28 Endrin % Breakdown (1): 5.72

Combined % Breakdown (1): 8.00

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): PIBLKEJ Date Analyzed : 08/23/05

Lab Sample ID (PIBLK) : PIBLKEJ Time Analyzed : 0913

EPA Sample No.(PEM##) : PEMEJ Date Analyzed : 08/23/05

Lab Sample ID (PEM) : PEMEJ Time Analyzed : 0949

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.05	9.98	10.08	0.009	0.010	-10.0
beta-BHC	11.88	11.80	11.90	0.011	0.010	10.0
gamma-BHC (Lindane)	11.46	11.39	11.49	0.009	0.010	-10.0
Endrin	20.11	20.01	20.15	0.056	0.050	12.0
4,4'-DDT	21.94	21.84	21.98	0.109	0.10	9.0
Methoxychlor	24.60	24.50	24.64	0.228	0.25	-8.8

4,4'-DDT % Breakdown (1): 2.56 Endrin % Breakdown (1): 14.07

Combined % Breakdown (1): 16.63

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): PIBLKEJ Date Analyzed : 08/23/05

Lab Sample ID (PIBLK) : PIBLKEJ Time Analyzed : 0913

EPA Sample No.(PEM##) : PEMEJ Date Analyzed : 08/23/05

Lab Sample ID (PEM) : PEMEJ Time Analyzed : 0949

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.63	7.56	7.66	0.009	0.010	-10.0
beta-BHC	9.15	9.08	9.18	0.010	0.010	0.0
gamma-BHC (Lindane)	8.74	8.66	8.76	0.010	0.010	0.0
Endrin	16.68	16.58	16.72	0.054	0.050	8.0
4,4'-DDT	18.29	18.20	18.34	0.114	0.10	14.0
Methoxychlor	20.27	20.18	20.32	0.236	0.25	-5.6

4,4'-DDT % Breakdown (1): 0.00 Endrin % Breakdown (1): 6.88

Combined % Breakdown (1): 6.88

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): PIBLKDK Date Analyzed : 08/24/05

Lab Sample ID (PIBLK) : PIBLKDK Time Analyzed : 0059

EPA Sample No.(PEM##) : PEMDK Date Analyzed : 08/24/05

Lab Sample ID (PEM) : PEMDK Time Analyzed : 0135

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.05	9.98	10.08	0.010	0.010	0.0
beta-BHC	11.88	11.80	11.90	0.011	0.010	10.0
gamma-BHC (Lindane)	11.46	11.39	11.49	0.010	0.010	0.0
Endrin	20.11	20.01	20.15	0.059	0.050	18.0
4,4'-DDT	21.94	21.84	21.98	0.118	0.10	18.0
Methoxychlor	24.60	24.50	24.64	0.270	0.25	8.0

4,4'-DDT % Breakdown (1): 2.30 Endrin % Breakdown (1): 9.10

Combined % Breakdown (1): 11.40

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): PIBLKDK Date Analyzed : 08/24/05

Lab Sample ID (PIBLK) : PIBLKDK Time Analyzed : 0059

EPA Sample No.(PEM##) : PEMDK Date Analyzed : 08/24/05

Lab Sample ID (PEM) : PEMDK Time Analyzed : 0135

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.63	7.56	7.66	0.010	0.010	0.0
beta-BHC	9.14	9.08	9.18	0.011	0.010	10.0
gamma-BHC (Lindane)	8.73	8.66	8.76	0.010	0.010	0.0
Endrin	16.68	16.58	16.72	0.060	0.050	20.0
4,4'-DDT	18.28	18.20	18.34	0.124	0.10	24.0
Methoxychlor	20.25	20.18	20.32	0.274	0.25	9.6

4,4'-DDT % Breakdown (1): 1.28 Endrin % Breakdown (1): 3.60

Combined % Breakdown (1): 4.88

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): PIBLKEL Date Analyzed : 08/24/05

Lab Sample ID (PIBLK) : PIBLKEL Time Analyzed : 1036

EPA Sample No.(PEM##) : PEMEL Date Analyzed : 08/24/05

Lab Sample ID (PEM) : PEMEL Time Analyzed : 1113

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.06	9.98	10.08	0.008	0.010	-20.0
beta-BHC	11.89	11.80	11.90	0.010	0.010	0.0
gamma-BHC (Lindane)	11.47	11.39	11.49	0.009	0.010	-10.0
Endrin	20.12	20.01	20.15	0.058	0.050	16.0
4,4'-DDT	21.95	21.84	21.98	0.113	0.10	13.0
Methoxychlor	24.60	24.50	24.64	0.263	0.25	5.2

4,4'-DDT % Breakdown (1): 3.86 Endrin % Breakdown (1): 3.66

Combined % Breakdown (1): 7.52

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): PIBLKEL Date Analyzed : 08/24/05

Lab Sample ID (PIBLK) : PIBLKEL Time Analyzed : 1036

EPA Sample No.(PEM##) : PEMEL Date Analyzed : 08/24/05

Lab Sample ID (PEM) : PEMEL Time Analyzed : 1113

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.63	7.56	7.66	0.009	0.010	-10.0
beta-BHC	9.15	9.08	9.18	0.010	0.010	0.0
gamma-BHC (Lindane)	8.74	8.66	8.76	0.009	0.010	-10.0
Endrin	16.68	16.58	16.72	0.057	0.050	14.0
4,4'-DDT	18.29	18.20	18.34	0.114	0.10	14.0
Methoxychlor	20.26	20.18	20.32	0.262	0.25	4.8

4,4'-DDT % Breakdown (1): 3.07 Endrin % Breakdown (1): 0.00

Combined % Breakdown (1): 3.07

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): PIBLKEN Date Analyzed : 08/25/05

Lab Sample ID (PIBLK) : PIBLKEN Time Analyzed : 0154

EPA Sample No.(PEM##) : PEMEN Date Analyzed : 08/25/05

Lab Sample ID (PEM) : PEMEN Time Analyzed : 0230

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.06	9.98	10.08	0.009	0.010	-10.0
beta-BHC	11.89	11.80	11.90	0.010	0.010	0.0
gamma-BHC (Lindane)	11.47	11.39	11.49	0.010	0.010	0.0
Endrin	20.12	20.01	20.15	0.058	0.050	16.0
4,4'-DDT	21.95	21.84	21.98	0.111	0.10	11.0
Methoxychlor	24.61	24.50	24.64	0.257	0.25	2.8

4,4'-DDT % Breakdown (1): 3.69 Endrin % Breakdown (1): 2.65

Combined % Breakdown (1): 6.33

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): PIBLKEN Date Analyzed : 08/25/05

Lab Sample ID (PIBLK) : PIBLKEN Time Analyzed : 0154

EPA Sample No.(PEM##) : PEMEN Date Analyzed : 08/25/05

Lab Sample ID (PEM) : PEMEN Time Analyzed : 0230

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.64	7.56	7.66	0.009	0.010	-10.0
beta-BHC	9.15	9.08	9.18	0.010	0.010	0.0
gamma-BHC (Lindane)	8.74	8.66	8.76	0.010	0.010	0.0
Endrin	16.69	16.58	16.72	0.059	0.050	18.0
4,4'-DDT	18.29	18.20	18.34	0.116	0.10	16.0
Methoxychlor	20.27	20.18	20.32	0.261	0.25	4.4

4,4'-DDT % Breakdown (1): 2.58 Endrin % Breakdown (1): 0.00

Combined % Breakdown (1): 2.58

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): PIBLKEQ Date Analyzed : 08/25/05

Lab Sample ID (PIBLK) : PIBLKEQ Time Analyzed : 1403

EPA Sample No.(PEM##) : PEMEQ Date Analyzed : 08/25/05

Lab Sample ID (PEM) : PEMEQ Time Analyzed : 1439

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.07	9.98	10.08	0.009	0.010	-10.0
beta-BHC	11.90	11.80	11.90	0.010	0.010	0.0
gamma-BHC (Lindane)	11.48	11.39	11.49	0.009	0.010	-10.0
Endrin	20.14	20.01	20.15	0.059	0.050	18.0
4,4'-DDT	21.97	21.84	21.98	0.114	0.10	14.0
Methoxychlor	24.63	24.50	24.64	0.264	0.25	5.6

4,4'-DDT % Breakdown (1): 3.04 Endrin % Breakdown (1): 4.19

Combined % Breakdown (1): 7.23

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): PIBLKEQ Date Analyzed : 08/25/05

Lab Sample ID (PIBLK) : PIBLKEQ Time Analyzed : 1403

EPA Sample No.(PEM##) : PEMEQ Date Analyzed : 08/25/05

Lab Sample ID (PEM) : PEMEQ Time Analyzed : 1439

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.65	7.56	7.66	0.009	0.010	-10.0
beta-BHC	9.16	9.08	9.18	0.010	0.010	0.0
gamma-BHC (Lindane)	8.75	8.66	8.76	0.009	0.010	-10.0
Endrin	16.70	16.58	16.72	0.059	0.050	18.0
4,4'-DDT	18.31	18.20	18.34	0.117	0.10	17.0
Methoxychlor	20.29	20.18	20.32	0.267	0.25	6.8

4,4'-DDT % Breakdown (1): 2.03 Endrin % Breakdown (1): 0.00

Combined % Breakdown (1): 2.03

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 08/28/05 08/28/05

EPA Sample No.(PIBLK##): _____ Date Analyzed : _____

Lab Sample ID (PIBLK) : _____ Time Analyzed : _____

EPA Sample No.(PEM##) : PEMZ1 Date Analyzed : 08/28/05

Lab Sample ID (PEM) : PEMZ1 Time Analyzed : 1029

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	8.32	8.27	8.37	0.009	0.010	-10.0
beta-BHC	9.82	9.77	9.87	0.011	0.010	10.0
gamma-BHC (Lindane)	9.42	9.37	9.47	0.009	0.010	-10.0
Endrin	16.97	16.90	17.04	0.055	0.050	10.0
4,4'-DDT	18.09	18.02	18.16	0.096	0.10	-4.0
Methoxychlor	19.34	19.27	19.41	0.222	0.25	-11.2

4,4'-DDT % Breakdown (1): 0.00 Endrin % Breakdown (1): 2.39

Combined % Breakdown (1): 2.39

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 08/28/05 08/28/05

EPA Sample No.(PIBLK##): _____ Date Analyzed : _____

Lab Sample ID (PIBLK) : _____ Time Analyzed : _____

EPA Sample No.(PEM##) : PEMZ1 Date Analyzed : 08/28/05

Lab Sample ID (PEM) : PEMZ1 Time Analyzed : 1029

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.82	10.77	10.87	0.009	0.010	-10.0
beta-BHC	12.45	12.41	12.51	0.011	0.010	10.0
gamma-BHC (Lindane)	12.06	12.01	12.11	0.009	0.010	-10.0
Endrin	19.35	19.28	19.42	0.055	0.050	10.0
4,4'-DDT	20.46	20.39	20.53	0.098	0.10	-2.0
Methoxychlor	21.97	21.90	22.04	0.224	0.25	-10.4

4,4'-DDT % Breakdown (1): 0.00 Endrin % Breakdown (1): 0.00

Combined % Breakdown (1): 0.00

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 08/28/05 08/28/05

EPA Sample No.(PIBLK##): PIBLKZ2 Date Analyzed : 08/28/05

Lab Sample ID (PIBLK) : PIBLKZ2 Time Analyzed : 1736

EPA Sample No.(PEM##) : PEMZ2 Date Analyzed : 08/28/05

Lab Sample ID (PEM) : PEMZ2 Time Analyzed : 1806

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	8.32	8.27	8.37	0.009	0.010	-10.0
beta-BHC	9.82	9.77	9.87	0.011	0.010	10.0
gamma-BHC (Lindane)	9.41	9.37	9.47	0.009	0.010	-10.0
Endrin	16.97	16.90	17.04	0.057	0.050	14.0
4,4'-DDT	18.09	18.02	18.16	0.100	0.10	0.0
Methoxychlor	19.34	19.27	19.41	0.233	0.25	-6.8

4,4'-DDT % Breakdown (1): 0.00 Endrin % Breakdown (1): 3.01

Combined % Breakdown (1): 3.01

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 08/28/05 08/28/05

EPA Sample No.(PIBLK##): PIBLKZ2 Date Analyzed : 08/28/05

Lab Sample ID (PIBLK) : PIBLKZ2 Time Analyzed : 1736

EPA Sample No.(PEM##) : PEMZ2 Date Analyzed : 08/28/05

Lab Sample ID (PEM) : PEMZ2 Time Analyzed : 1806

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.82	10.77	10.87	0.009	0.010	-10.0
beta-BHC	12.46	12.41	12.51	0.011	0.010	10.0
gamma-BHC (Lindane)	12.06	12.01	12.11	0.010	0.010	0.0
Endrin	19.35	19.28	19.42	0.057	0.050	14.0
4,4'-DDT	20.46	20.39	20.53	0.102	0.10	2.0
Methoxychlor	21.97	21.90	22.04	0.236	0.25	-5.6

4,4'-DDT % Breakdown (1): 0.00 Endrin % Breakdown (1): 2.67

Combined % Breakdown (1): 2.67

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): PIBLKEK Date Analyzed : 08/23/05

Lab Sample ID (PIBLK) : PIBLKEK Time Analyzed : 1549

EPA Sample No.(INDAM##) : INDAMEK Date Analyzed : 08/23/05

Lab Sample ID (INDAM) : INDAMEK Time Analyzed : 1625

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.05	9.98	10.08	0.021	0.020	5.0
gamma-BHC (Lindane)	11.46	11.39	11.49	0.021	0.020	5.0
Heptachlor	13.12	13.04	13.14	0.020	0.020	0.0
Endosulfan I	17.98	17.88	18.02	0.020	0.020	0.0
Dieldrin	19.02	18.91	19.05	0.040	0.040	0.0
Endrin	20.11	20.01	20.15	0.041	0.040	2.5
4,4'-DDD	20.82	20.72	20.86	0.043	0.040	7.5
4,4'-DDT	21.94	21.84	21.98	0.044	0.040	10.0
Methoxychlor	24.60	24.50	24.64	0.22	0.20	10.0
Tetrachloro-m-xylene	7.61	7.54	7.64	0.020	0.020	0.0
Decachlorobiphenyl	29.79	29.66	29.86	0.037	0.040	-7.5

EPA Sample No.(INDBM##) : INDBMEK Date Analyzed : 08/23/05

Lab Sample ID (INDBM) : INDBMEK Time Analyzed : 1701

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	11.88	11.80	11.90	0.020	0.020	0.0
delta-BHC	13.00	12.92	13.02	0.023	0.020	15.0
Aldrin	14.31	14.23	14.33	0.020	0.020	0.0
Heptachlor epoxide	16.57	16.47	16.61	0.019	0.020	-5.0
4,4'-DDE	18.68	18.58	18.72	0.039	0.040	-2.5
Endosulfan II	20.93	20.83	20.97	0.037	0.040	-7.5
Endosulfan sulfate	23.23	23.13	23.27	0.049	0.040	22.5
Endrin ketone	25.10	25.00	25.14	0.055	0.040	37.5
Endrin aldehyde	22.21	22.11	22.25	0.040	0.040	0.0
alpha-Chlordane	17.85	17.75	17.89	0.019	0.020	-5.0
gamma-Chlordane	17.28	17.18	17.32	0.019	0.020	-5.0
Tetrachloro-m-xylene	7.62	7.54	7.64	0.019	0.020	-5.0
Decachlorobiphenyl	29.79	29.66	29.86	0.037	0.040	-7.5

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): PIBLKEK Date Analyzed : 08/23/05

Lab Sample ID (PIBLK) : PIBLKEK Time Analyzed : 1549

EPA Sample No.(INDAM##) : INDAMEK Date Analyzed : 08/23/05

Lab Sample ID (INDAM) : INDAMEK Time Analyzed : 1625

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.63	7.56	7.66	0.021	0.020	5.0
gamma-BHC (Lindane)	8.74	8.66	8.76	0.021	0.020	5.0
Heptachlor	10.37	10.29	10.39	0.019	0.020	-5.0
Endosulfan I	15.02	14.92	15.06	0.021	0.020	5.0
Dieldrin	15.90	15.80	15.94	0.040	0.040	0.0
Endrin	16.68	16.58	16.72	0.041	0.040	2.5
4,4'-DDD	17.32	17.25	17.39	0.046	0.040	15.0
4,4'-DDT	18.29	18.20	18.34	0.045	0.040	12.5
Methoxychlor	20.26	20.18	20.32	0.22	0.20	10.0
Tetrachloro-m-xylene	5.78	5.72	5.82	0.020	0.020	0.0
Decachlorobiphenyl	25.43	25.30	25.50	0.038	0.040	-5.0

EPA Sample No.(INDBM##) : INDBMEK Date Analyzed : 08/23/05

Lab Sample ID (INDBM) : INDBMEK Time Analyzed : 1701

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	9.15	9.08	9.18	0.018	0.020	-10.0
delta-BHC	9.72	9.65	9.75	0.023	0.020	15.0
Aldrin	11.39	11.31	11.41	0.019	0.020	-5.0
Heptachlor epoxide	13.66	13.57	13.71	0.019	0.020	-5.0
4,4'-DDE	15.15	15.07	15.21	0.041	0.040	2.5
Endosulfan II	17.52	17.42	17.56	0.037	0.040	-7.5
Endosulfan sulfate	20.64	20.54	20.68	0.050	0.040	25.0
Endrin ketone	21.54	21.44	21.58	0.054	0.040	35.0
Endrin aldehyde	19.08	18.99	19.13	0.038	0.040	-5.0
alpha-Chlordane	14.60	14.50	14.64	0.019	0.020	-5.0
gamma-Chlordane	14.11	14.02	14.16	0.019	0.020	-5.0
Tetrachloro-m-xylene	5.78	5.72	5.82	0.019	0.020	-5.0
Decachlorobiphenyl	25.43	25.30	25.50	0.037	0.040	-7.5

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): PIBLKDL Date Analyzed : 08/24/05

Lab Sample ID (PIBLK) : PIBLKDL Time Analyzed : 0549

EPA Sample No.(INDAM##) : INDAMDL Date Analyzed : 08/24/05

Lab Sample ID (INDAM) : INDAMDL Time Analyzed : 0625

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.05	9.98	10.08	0.022	0.020	10.0
gamma-BHC (Lindane)	11.46	11.39	11.49	0.022	0.020	10.0
Heptachlor	13.12	13.04	13.14	0.022	0.020	10.0
Endosulfan I	17.98	17.88	18.02	0.020	0.020	0.0
Dieldrin	19.02	18.91	19.05	0.041	0.040	2.5
Endrin	20.11	20.01	20.15	0.041	0.040	2.5
4,4'-DDD	20.82	20.72	20.86	0.040	0.040	0.0
4,4'-DDT	21.94	21.84	21.98	0.043	0.040	7.5
Methoxychlor	24.60	24.50	24.64	0.23	0.20	15.0
Tetrachloro-m-xylene	7.61	7.54	7.64	0.020	0.020	0.0
Decachlorobiphenyl	29.79	29.66	29.86	0.039	0.040	-2.5

EPA Sample No.(INDBM##) : INDBMDL Date Analyzed : 08/24/05

Lab Sample ID (INDBM) : INDBMDL Time Analyzed : 0701

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	11.88	11.80	11.90	0.018	0.020	-10.0
delta-BHC	13.00	12.92	13.02	0.022	0.020	10.0
Aldrin	14.31	14.23	14.33	0.020	0.020	0.0
Heptachlor epoxide	16.57	16.47	16.61	0.017	0.020	-15.0
4,4'-DDE	18.68	18.58	18.72	0.037	0.040	-7.5
Endosulfan II	20.93	20.83	20.97	0.035	0.040	-12.5
Endosulfan sulfate	23.23	23.13	23.27	0.044	0.040	10.0
Endrin ketone	25.11	25.00	25.14	0.051	0.040	27.5
Endrin aldehyde	22.22	22.11	22.25	0.037	0.040	-7.5
alpha-Chlordane	17.85	17.75	17.89	0.018	0.020	-10.0
gamma-Chlordane	17.28	17.18	17.32	0.019	0.020	-5.0
Tetrachloro-m-xylene	7.62	7.54	7.64	0.022	0.020	10.0
Decachlorobiphenyl	29.79	29.66	29.86	0.032	0.040	-20.0

7F

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): PIBLKDL Date Analyzed : 08/24/05

Lab Sample ID (PIBLK) : PIBLKDL Time Analyzed : 0549

EPA Sample No.(INDAM##) : INDAMDL Date Analyzed : 08/24/05

Lab Sample ID (INDAM) : INDAMDL Time Analyzed : 0625

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.63	7.56	7.66	0.022	0.020	10.0
gamma-BHC (Lindane)	8.74	8.66	8.76	0.022	0.020	10.0
Heptachlor	10.37	10.29	10.39	0.021	0.020	5.0
Endosulfan I	15.02	14.92	15.06	0.020	0.020	0.0
Dieldrin	15.90	15.80	15.94	0.040	0.040	0.0
Endrin	16.68	16.58	16.72	0.042	0.040	5.0
4,4'-DDD	17.31	17.25	17.39	0.048	0.040	20.0
4,4'-DDT	18.28	18.20	18.34	0.047	0.040	17.5
Methoxychlor	20.26	20.18	20.32	0.22	0.20	10.0
Tetrachloro-m-xylene	5.78	5.72	5.82	0.021	0.020	5.0
Decachlorobiphenyl	25.42	25.30	25.50	0.038	0.040	-5.0

EPA Sample No.(INDBM##) : INDBMDL Date Analyzed : 08/24/05

Lab Sample ID (INDBM) : INDBMDL Time Analyzed : 0701

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	9.14	9.08	9.18	0.026	0.020	30.0
delta-BHC	9.71	9.65	9.75	0.024	0.020	20.0
Aldrin	11.39	11.31	11.41	0.021	0.020	5.0
Heptachlor epoxide	13.67	13.57	13.71	0.017	0.020	-15.0
4,4'-DDE	15.15	15.07	15.21	0.040	0.040	0.0
Endosulfan II	17.52	17.42	17.56	0.033	0.040	-17.5
Endosulfan sulfate	20.64	20.54	20.68	0.045	0.040	12.5
Endrin ketone	21.54	21.44	21.58	0.054	0.040	35.0
Endrin aldehyde	19.08	18.99	19.13	0.030	0.040	-25.0
alpha-Chlordane	14.60	14.50	14.64	0.019	0.020	-5.0
gamma-Chlordane	14.12	14.02	14.16	0.019	0.020	-5.0
Tetrachloro-m-xylene	5.78	5.72	5.82	0.021	0.020	5.0
Decachlorobiphenyl	25.43	25.30	25.50	0.031	0.040	-22.5

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): PIBLKEM Date Analyzed : 08/24/05

Lab Sample ID (PIBLK) : PIBLKEM Time Analyzed : 1727

EPA Sample No.(INDAM##) : INDAMEM Date Analyzed : 08/24/05

Lab Sample ID (INDAM) : INDAMEM Time Analyzed : 1915

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.06	9.98	10.08	0.021	0.020	5.0
gamma-BHC (Lindane)	11.47	11.39	11.49	0.021	0.020	5.0
Heptachlor	13.13	13.04	13.14	0.023	0.020	15.0
Endosulfan I	17.99	17.88	18.02	0.021	0.020	5.0
Dieldrin	19.03	18.91	19.05	0.042	0.040	5.0
Endrin	20.12	20.01	20.15	0.043	0.040	7.5
4,4'-DDD	20.82	20.72	20.86	0.044	0.040	10.0
4,4'-DDT	21.95	21.84	21.98	0.045	0.040	12.5
Methoxychlor	24.60	24.50	24.64	0.23	0.20	15.0
Tetrachloro-m-xylene	7.62	7.54	7.64	0.020	0.020	0.0
Decachlorobiphenyl	29.80	29.66	29.86	0.038	0.040	-5.0

EPA Sample No.(INDBM##) : INDBMEM Date Analyzed : 08/24/05

Lab Sample ID (INDBM) : INDBMEM Time Analyzed : 1952

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	11.89	11.80	11.90	0.019	0.020	-5.0
delta-BHC	13.00	12.92	13.02	0.020	0.020	0.0
Aldrin	14.32	14.23	14.33	0.019	0.020	-5.0
Heptachlor epoxide	16.58	16.47	16.61	0.019	0.020	-5.0
4,4'-DDE	18.69	18.58	18.72	0.039	0.040	-2.5
Endosulfan II	20.94	20.83	20.97	0.036	0.040	-10.0
Endosulfan sulfate	23.24	23.13	23.27	0.042	0.040	5.0
Endrin ketone	25.11	25.00	25.14	0.048	0.040	20.0
Endrin aldehyde	22.22	22.11	22.25	0.039	0.040	-2.5
alpha-Chlordane	17.86	17.75	17.89	0.019	0.020	-5.0
gamma-Chlordane	17.29	17.18	17.32	0.019	0.020	-5.0
Tetrachloro-m-xylene	7.62	7.54	7.64	0.019	0.020	-5.0
Decachlorobiphenyl	29.80	29.66	29.86	0.036	0.040	-10.0

7F

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): PIBLKEM Date Analyzed : 08/24/05

Lab Sample ID (PIBLK) : PIBLKEM Time Analyzed : 1727

EPA Sample No.(INDAM##) : INDAMEM Date Analyzed : 08/24/05

Lab Sample ID (INDAM) : INDAMEM Time Analyzed : 1915

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.64	7.56	7.66	0.022	0.020	10.0
gamma-BHC (Lindane)	8.74	8.66	8.76	0.022	0.020	10.0
Heptachlor	10.38	10.29	10.39	0.020	0.020	0.0
Endosulfan I	15.03	14.92	15.06	0.021	0.020	5.0
Dieldrin	15.91	15.80	15.94	0.041	0.040	2.5
Endrin	16.69	16.58	16.72	0.043	0.040	7.5
4,4'-DDD	17.32	17.25	17.39	0.049	0.040	22.5
4,4'-DDT	18.29	18.20	18.34	0.047	0.040	17.5
Methoxychlor	20.27	20.18	20.32	0.23	0.20	15.0
Tetrachloro-m-xylene	5.79	5.72	5.82	0.020	0.020	0.0
Decachlorobiphenyl	25.43	25.30	25.50	0.039	0.040	-2.5

EPA Sample No.(INDBM##) : INDBMEM Date Analyzed : 08/24/05

Lab Sample ID (INDBM) : INDBMEM Time Analyzed : 1952

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	9.15	9.08	9.18	0.019	0.020	-5.0
delta-BHC	9.72	9.65	9.75	0.021	0.020	5.0
Aldrin	11.40	11.31	11.41	0.019	0.020	-5.0
Heptachlor epoxide	13.67	13.57	13.71	0.018	0.020	-10.0
4,4'-DDE	15.16	15.07	15.21	0.042	0.040	5.0
Endosulfan II	17.53	17.42	17.56	0.037	0.040	-7.5
Endosulfan sulfate	20.65	20.54	20.68	0.044	0.040	10.0
Endrin ketone	21.55	21.44	21.58	0.048	0.040	20.0
Endrin aldehyde	19.09	18.99	19.13	0.038	0.040	-5.0
alpha-Chlordane	14.61	14.50	14.64	0.019	0.020	-5.0
gamma-Chlordane	14.12	14.02	14.16	0.019	0.020	-5.0
Tetrachloro-m-xylene	5.79	5.72	5.82	0.019	0.020	-5.0
Decachlorobiphenyl	25.44	25.30	25.50	0.036	0.040	-10.0

7F

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): PIBLKEP Date Analyzed : 08/25/05

Lab Sample ID (PIBLK) : PIBLKEP Time Analyzed : 1020

EPA Sample No.(INDAM##) : INDAMEP Date Analyzed : 08/25/05

Lab Sample ID (INDAM) : INDAMEP Time Analyzed : 1057

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.07	9.98	10.08	0.021	0.020	5.0
gamma-BHC (Lindane)	11.48	11.39	11.49	0.021	0.020	5.0
Heptachlor	13.14	13.04	13.14	0.023	0.020	15.0
Endosulfan I	18.00	17.88	18.02	0.020	0.020	0.0
Dieldrin	19.03	18.91	19.05	0.039	0.040	-2.5
Endrin	20.13	20.01	20.15	0.041	0.040	2.5
4,4'-DDD	20.83	20.72	20.86	0.041	0.040	2.5
4,4'-DDT	21.96	21.84	21.98	0.043	0.040	7.5
Methoxychlor	24.61	24.50	24.64	0.25	0.20	25.0
Tetrachloro-m-xylene	7.62	7.54	7.64	0.020	0.020	0.0
Decachlorobiphenyl	29.81	29.66	29.86	0.035	0.040	-12.5

EPA Sample No.(INDBM##) : INDBMEP Date Analyzed : 08/25/05

Lab Sample ID (INDBM) : INDBMEP Time Analyzed : 1133

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	11.89	11.80	11.90	0.020	0.020	0.0
delta-BHC	13.01	12.92	13.02	0.023	0.020	15.0
Aldrin	14.33	14.23	14.33	0.020	0.020	0.0
Heptachlor epoxide	16.58	16.47	16.61	0.020	0.020	0.0
4,4'-DDE	18.69	18.58	18.72	0.041	0.040	2.5
Endosulfan II	20.94	20.83	20.97	0.037	0.040	-7.5
Endosulfan sulfate	23.25	23.13	23.27	0.048	0.040	20.0
Endrin ketone	25.12	25.00	25.14	0.057	0.040	42.5
Endrin aldehyde	22.23	22.11	22.25	0.040	0.040	0.0
alpha-Chlordane	17.86	17.75	17.89	0.019	0.020	-5.0
gamma-Chlordane	17.30	17.18	17.32	0.019	0.020	-5.0
Tetrachloro-m-xylene	7.62	7.54	7.64	0.020	0.020	0.0
Decachlorobiphenyl	29.81	29.66	29.86	0.034	0.040	-15.0

7F

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): PIBLKEP Date Analyzed : 08/25/05

Lab Sample ID (PIBLK) : PIBLKEP Time Analyzed : 1020

EPA Sample No.(INDAM##) : INDAMEP Date Analyzed : 08/25/05

Lab Sample ID (INDAM) : INDAMEP Time Analyzed : 1057

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.64	7.56	7.66	0.022	0.020	10.0
gamma-BHC (Lindane)	8.75	8.66	8.76	0.022	0.020	10.0
Heptachlor	10.38	10.29	10.39	0.021	0.020	5.0
Endosulfan I	15.03	14.92	15.06	0.020	0.020	0.0
Dieldrin	15.91	15.80	15.94	0.040	0.040	0.0
Endrin	16.69	16.58	16.72	0.043	0.040	7.5
4,4'-DDD	17.32	17.25	17.39	0.048	0.040	20.0
4,4'-DDT	18.30	18.20	18.34	0.047	0.040	17.5
Methoxychlor	20.27	20.18	20.32	0.23	0.20	15.0
Tetrachloro-m-xylene	5.79	5.72	5.82	0.021	0.020	5.0
Decachlorobiphenyl	25.44	25.30	25.50	0.038	0.040	-5.0

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EPA Sample No.(INDBM##) : INDBMEP Date Analyzed : 08/25/05

Lab Sample ID (INDBM) : INDBMEP Time Analyzed : 1133

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	9.15	9.08	9.18	0.020	0.020	0.0
delta-BHC	9.72	9.65	9.75	0.024	0.020	20.0
Aldrin	11.40	11.31	11.41	0.020	0.020	0.0
Heptachlor epoxide	13.68	13.57	13.71	0.020	0.020	0.0
4,4'-DDE	15.16	15.07	15.21	0.046	0.040	15.0
Endosulfan II	17.53	17.42	17.56	0.039	0.040	-2.5
Endosulfan sulfate	20.66	20.54	20.68	0.052	0.040	30.0
Endrin ketone	21.56	21.44	21.58	0.056	0.040	40.0
Endrin aldehyde	19.10	18.99	19.13	0.041	0.040	2.5
alpha-Chlordane	14.61	14.50	14.64	0.020	0.020	0.0
gamma-Chlordane	14.13	14.02	14.16	0.020	0.020	0.0
Tetrachloro-m-xylene	5.79	5.72	5.82	0.020	0.020	0.0
Decachlorobiphenyl	25.44	25.30	25.50	0.038	0.040	-5.0

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7F

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): PIBLKER Date Analyzed : 08/25/05

Lab Sample ID (PIBLK) : PIBLKER Time Analyzed : 1714

EPA Sample No.(INDAM##) : INDAMER Date Analyzed : 08/25/05

Lab Sample ID (INDAM) : INDAMER Time Analyzed : 1750

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.65	7.56	7.66	0.021	0.020	5.0
gamma-BHC (Lindane)	8.76	8.66	8.76	0.021	0.020	5.0
Heptachlor	10.39	10.29	10.39	0.020	0.020	0.0
Endosulfan I	15.05	14.92	15.06	0.021	0.020	5.0
Dieldrin	15.93	15.80	15.94	0.039	0.040	-2.5
Endrin	16.71	16.58	16.72	0.042	0.040	5.0
4,4'-DDD	17.35	17.25	17.39	0.045	0.040	12.5
4,4'-DDT	18.32	18.20	18.34	0.042	0.040	5.0
Methoxychlor	20.30	20.18	20.32	0.21	0.20	5.0
Tetrachloro-m-xylene	5.80	5.72	5.82	0.020	0.020	0.0
Decachlorobiphenyl	25.46	25.30	25.50	0.039	0.040	-2.5

EPA Sample No.(INDBM##) : INDBMER Date Analyzed : 08/25/05

Lab Sample ID (INDBM) : INDBMER Time Analyzed : 1826

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	9.17	9.08	9.18	0.019	0.020	-5.0
delta-BHC	9.74	9.65	9.75	0.022	0.020	10.0
Aldrin	11.41	11.31	11.41	0.019	0.020	-5.0
Heptachlor epoxide	13.69	13.57	13.71	0.019	0.020	-5.0
4,4'-DDE	15.18	15.07	15.21	0.042	0.040	5.0
Endosulfan II	17.55	17.42	17.56	0.037	0.040	-7.5
Endosulfan sulfate	20.67	20.54	20.68	0.047	0.040	17.5
Endrin ketone	21.57	21.44	21.58	0.048	0.040	20.0
Endrin aldehyde	19.11	18.99	19.13	0.038	0.040	-5.0
alpha-Chlordane	14.63	14.50	14.64	0.019	0.020	-5.0
gamma-Chlordane	14.14	14.02	14.16	0.019	0.020	-5.0
Tetrachloro-m-xylene	5.80	5.72	5.82	0.019	0.020	-5.0
Decachlorobiphenyl	25.47	25.30	25.50	0.037	0.040	-7.5

7F

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

EPA Sample No.(PIBLK##): PIBLKER Date Analyzed : 08/25/05

Lab Sample ID (PIBLK) : PIBLKER Time Analyzed : 1714

EPA Sample No.(INDAM##) : INDAMER Date Analyzed : 08/25/05

Lab Sample ID (INDAM) : INDAMER Time Analyzed : 1750

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.65	7.56	7.66	0.021	0.020	5.0
gamma-BHC (Lindane)	8.76	8.66	8.76	0.021	0.020	5.0
Heptachlor	10.39	10.29	10.39	0.020	0.020	0.0
Endosulfan I	15.05	14.92	15.06	0.021	0.020	5.0
Dieldrin	15.93	15.80	15.94	0.039	0.040	-2.5
Endrin	16.71	16.58	16.72	0.042	0.040	5.0
4,4'-DDD	17.35	17.25	17.39	0.045	0.040	12.5
4,4'-DDT	18.32	18.20	18.34	0.042	0.040	5.0
Methoxychlor	20.30	20.18	20.32	0.21	0.20	5.0
Tetrachloro-m-xylene	5.80	5.72	5.82	0.020	0.020	0.0
Decachlorobiphenyl	25.46	25.30	25.50	0.039	0.040	-2.5

EPA Sample No.(INDBM##) : INDBMER Date Analyzed : 08/25/05

Lab Sample ID (INDBM) : INDBMER Time Analyzed : 1826

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	9.17	9.08	9.18	0.019	0.020	-5.0
delta-BHC	9.74	9.65	9.75	0.022	0.020	10.0
Aldrin	11.41	11.31	11.41	0.019	0.020	-5.0
Heptachlor epoxide	13.69	13.57	13.71	0.019	0.020	-5.0
4,4'-DDE	15.18	15.07	15.21	0.042	0.040	5.0
Endosulfan II	17.55	17.42	17.56	0.037	0.040	-7.5
Endosulfan sulfate	20.67	20.54	20.68	0.047	0.040	17.5
Endrin ketone	21.57	21.44	21.58	0.048	0.040	20.0
Endrin aldehyde	19.11	18.99	19.13	0.038	0.040	-5.0
alpha-Chlordane	14.63	14.50	14.64	0.019	0.020	-5.0
gamma-Chlordane	14.14	14.02	14.16	0.019	0.020	-5.0
Tetrachloro-m-xylene	5.80	5.72	5.82	0.019	0.020	-5.0
Decachlorobiphenyl	25.47	25.30	25.50	0.037	0.040	-7.5

7F

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 08/28/05 08/28/05

EPA Sample No.(PIBLK##): PIBLKZ2 Date Analyzed : 08/28/05

Lab Sample ID (PIBLK) : PIBLKZ2 Time Analyzed : 1736

EPA Sample No.(INDAM##) : INDAMZA Date Analyzed : 08/28/05

Lab Sample ID (INDAM) : INDAMZA Time Analyzed : 2242

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	8.32	8.27	8.37	0.019	0.020	-5.0
gamma-BHC (Lindane)	9.41	9.37	9.47	0.019	0.020	-5.0
Heptachlor	10.91	10.87	10.97	0.019	0.020	-5.0
Endosulfan I	14.92	14.86	15.00	0.019	0.020	-5.0
Dieldrin	16.10	16.04	16.18	0.039	0.040	-2.5
Endrin	16.97	16.90	17.04	0.040	0.040	0.0
4,4'-DDD	17.46	17.39	17.53	0.039	0.040	-2.5
4,4'-DDT	18.09	18.02	18.16	0.039	0.040	-2.5
Methoxychlor	19.34	19.27	19.41	0.20	0.20	0.0
Tetrachloro-m-xylene	6.27	6.22	6.32	0.020	0.020	0.0
Decachlorobiphenyl	22.30	22.20	22.40	0.037	0.040	-7.5

EPA Sample No.(INDBM##) : INDBMZA Date Analyzed : 08/28/05

Lab Sample ID (INDBM) : INDBMZA Time Analyzed : 2313

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	9.82	9.77	9.87	0.019	0.020	-5.0
delta-BHC	10.33	10.28	10.38	0.019	0.020	-5.0
Aldrin	11.80	11.75	11.85	0.018	0.020	-10.0
Heptachlor epoxide	13.73	13.66	13.80	0.019	0.020	-5.0
4,4'-DDE	15.16	15.09	15.23	0.038	0.040	-5.0
Endosulfan II	17.55	17.48	17.62	0.039	0.040	-2.5
Endosulfan sulfate	19.52	19.45	19.59	0.038	0.040	-5.0
Endrin ketone	20.05	19.99	20.13	0.038	0.040	-5.0
Endrin aldehyde	18.57	18.50	18.64	0.039	0.040	-2.5
alpha-Chlordane	14.52	14.46	14.60	0.019	0.020	-5.0
gamma-Chlordane	14.10	14.03	14.17	0.019	0.020	-5.0
Tetrachloro-m-xylene	6.27	6.22	6.32	0.019	0.020	-5.0
Decachlorobiphenyl	22.29	22.20	22.40	0.037	0.040	-7.5

7F

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 08/28/05 08/28/05

EPA Sample No.(PIBLK##): PIBLKZ2 Date Analyzed : 08/28/05

Lab Sample ID (PIBLK) : PIBLKZ2 Time Analyzed : 1736

EPA Sample No.(INDAM##) : INDAMZA Date Analyzed : 08/28/05

Lab Sample ID (INDAM) : INDAMZA Time Analyzed : 2242

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.82	10.77	10.87	0.020	0.020	0.0
gamma-BHC (Lindane)	12.06	12.01	12.11	0.020	0.020	0.0
Heptachlor	13.44	13.40	13.50	0.020	0.020	0.0
Endosulfan I	18.01	17.94	18.08	0.020	0.020	0.0
Dieldrin	18.67	18.60	18.74	0.040	0.040	0.0
Endrin	19.35	19.28	19.42	0.040	0.040	0.0
4,4'-DDD	19.80	19.73	19.87	0.039	0.040	-2.5
4,4'-DDT	20.46	20.39	20.53	0.039	0.040	-2.5
Methoxychlor	21.97	21.90	22.04	0.19	0.20	-5.0
Tetrachloro-m-xylene	8.45	8.40	8.50	0.020	0.020	0.0
Decachlorobiphenyl	24.79	24.69	24.89	0.037	0.040	-7.5

EPA Sample No.(INDBM##) : INDBMZA Date Analyzed : 08/28/05

Lab Sample ID (INDBM) : INDBMZA Time Analyzed : 2313

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	12.45	12.41	12.51	0.020	0.020	0.0
delta-BHC	13.38	13.33	13.43	0.020	0.020	0.0
Aldrin	14.43	14.38	14.48	0.020	0.020	0.0
Heptachlor epoxide	17.06	17.00	17.14	0.020	0.020	0.0
4,4'-DDE	18.49	18.42	18.56	0.039	0.040	-2.5
Endosulfan II	19.84	19.77	19.91	0.039	0.040	-2.5
Endosulfan sulfate	21.19	21.12	21.26	0.038	0.040	-5.0
Endrin ketone	22.24	22.17	22.31	0.038	0.040	-5.0
Endrin aldehyde	20.60	20.54	20.68	0.038	0.040	-5.0
alpha-Chlordane	17.93	17.87	18.01	0.020	0.020	0.0
gamma-Chlordane	17.56	17.49	17.63	0.020	0.020	0.0
Tetrachloro-m-xylene	8.45	8.40	8.50	0.020	0.020	0.0
Decachlorobiphenyl	24.79	24.69	24.89	0.036	0.040	-10.0

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

Instrument ID: E2

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 7.59 DCB: 29.76

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	RESCE1	RESCE1	08/17/05	1948	7.59	29.76
02	PEME1	PEME1	08/17/05	2024	7.59	29.76
03	AR1660E1	AR1660E1	08/17/05	2100	7.59	29.76
04	AR1221E1	AR1221E1	08/17/05	2136	7.59	29.76
05	AR1232E1	AR1232E1	08/17/05	2212	7.59	29.76
06	AR1242E1	AR1242E1	08/17/05	2249	7.59	29.76
07	AR1248E1	AR1248E1	08/17/05	2325	7.59	29.76
08	AR1254E1	AR1254E1	08/18/05	0001	7.59	29.76
09	TOXAPHE1	TOXAPHE1	08/18/05	0038	7.59	29.76
10	INDALE1	INDALE1	08/18/05	0114	7.59	29.76
11	INDBLE1	INDBLE1	08/18/05	0150	7.59	29.76
12	INDAME1	INDAME1	08/18/05	0226	7.59	29.76
13	INDBME1	INDBME1	08/18/05	0302	7.59	29.76
14	INDAHE1	INDAHE1	08/18/05	0339	7.59	29.76
15	INDBHE1	INDBHE1	08/18/05	0415	7.59	29.76
16	PIBLKE2	PIBLKE2	08/18/05	0451	7.59	29.76
17	PEME2	PEME2	08/18/05	0528	7.59	29.76
18	PIBLKEJ	PIBLKEJ	08/23/05	0913	7.61	29.79
19	PEMEJ	PEMEJ	08/23/05	0949	7.61	29.79
20	PIBLKEK	PIBLKEK	08/23/05	1549	7.61	29.79
21	INDAMEK	INDAMEK	08/23/05	1625	7.61	29.79
22	INDBMEK	INDBMEK	08/23/05	1701	7.62	29.79
23	SD07-S-M	D0926-07A	08/23/05	2046	7.61	29.79
24	PIBLKDK	PIBLKDK	08/24/05	0059	7.61	29.79
25	PEMDK	PEMDK	08/24/05	0135	7.61	29.79
26	SS02-S-O	D0926-15A	08/24/05	0212	7.61	29.79
27	SS03-S-O	D0926-16A	08/24/05	0248	7.61	29.79
28	SS05-S-O	D0926-17A	08/24/05	0324	7.62	29.79
29	SS10-S-O	D0926-18A	08/24/05	0400	7.61	29.79
30	SS11-S-M	D0926-19A	08/24/05	0436	7.61	29.79
31	SS10-S-D	D0926-20A	08/24/05	0513	7.61	29.79
32	PIBLKDL	PIBLKDL	08/24/05	0549	7.61	29.79

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

Instrument ID: E2

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 7.59 DCB: 29.76

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	INDAMDL	INDAMDL	08/24/05	0625	7.61	29.79
02	INDBMDL	INDBMDL	08/24/05	0701	7.62	29.79
03	PIBLKEL	PIBLKEL	08/24/05	1036	7.62	29.80
04	PEMEL	PEMEL	08/24/05	1113	7.62	29.80
05	PBLK2E	MB-19467	08/24/05	1237	7.62	29.80
06	P2ELCS	LCS-19467	08/24/05	1313	7.62	29.80
07	SD03-S-O	D0926-01A	08/24/05	1350	7.62	29.79
08	SD12-S-O	D0926-04A	08/24/05	1426	7.62	29.80
09	SD01-S-O	D0926-05A	08/24/05	1502	7.62	29.80
10	SD06-S-O	D0926-09A	08/24/05	1538	7.62	29.80
11	SD09-S-O	D0926-10A	08/24/05	1614	7.62	29.80
12	PIBLKEM	PIBLKEM	08/24/05	1727	7.62	29.80
13	INDAMEM	INDAMEM	08/24/05	1915	7.62	29.80
14	INDBMEM	INDBMEM	08/24/05	1952	7.62	29.80
15	SD02-S-O	D0926-02A	08/24/05	2028	7.62	29.80
16	SD02-S-D	D0926-03A	08/24/05	2104	7.62	29.80
17	SD07-S-O	D0926-06A	08/24/05	2140	7.62	29.80
18	SD05-S-O	D0926-08A	08/24/05	2216	7.62	29.80
19	SD08-S-O	D0926-11A	08/24/05	2253	7.62	29.80
20	SD10-S-O	D0926-12A	08/24/05	2329	7.62	29.80
21	SD11-S-O	D0926-13A	08/25/05	0005	7.62	29.80
22	SD04-S-O	D0926-14A	08/25/05	0041	7.62	29.80
23	PIBLKEN	PIBLKEN	08/25/05	0154	7.62	29.81
24	PEMEN	PEMEN	08/25/05	0230	7.62	29.81
25	SS02-S-ORE	D0926-15ARE	08/25/05	0306	7.62	29.80
26	SS03-S-ORE	D0926-16ARE	08/25/05	0342	7.62	29.80
27	SS05-S-ORE	D0926-17ARE	08/25/05	0419	7.62	29.80
28	SS10-S-ORE	D0926-18ARE	08/25/05	0455	7.62	29.80
29	SS11-S-MRE	D0926-19ARE	08/25/05	0531	7.62	29.80
30	SS10-S-DRE	D0926-20ARE	08/25/05	0607	7.62	29.80
31	SD07-S-MRE	D0926-07ARE	08/25/05	0643	7.62	29.80
32	PIBLKEP	PIBLKEP	08/25/05	1020	7.62	29.81

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

Instrument ID: E2

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 7.59 DCB: 29.76

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	INDAMEP	INDAMEP	08/25/05	1057	7.62	29.81
02	INDBMEP	INDBMEP	08/25/05	1133	7.62	29.81
03	PIBLKEQ	PIBLKEQ	08/25/05	1403	7.63	29.82
04	PEMEQ	PEMEQ	08/25/05	1439	7.63	29.82
05	AR1254EQ	AR1254EQ	08/25/05	1602	7.64	29.83
06	AR1660EQ	AR1660EQ	08/25/05	1638	7.64	29.83
07	PIBLKER	PIBLKER	08/25/05	1714	7.63	29.83
08	INDAMER	INDAMER	08/25/05	1750	7.63	29.82
09	INDBMER	INDBMER	08/25/05	1826	7.63	29.83
10						
11						
12						
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QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

Instrument ID: E2

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.77 DCB: 25.40

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	RESCE1	RESCE1	08/17/05	1948	5.77	25.40
02	PEME1	PEME1	08/17/05	2024	5.77	25.40
03	AR1660E1	AR1660E1	08/17/05	2100	5.77	25.40
04	AR1221E1	AR1221E1	08/17/05	2136	5.77	25.41
05	AR1232E1	AR1232E1	08/17/05	2212	5.77	25.41
06	AR1242E1	AR1242E1	08/17/05	2249	5.77	25.42
07	AR1248E1	AR1248E1	08/17/05	2325	5.77	25.41
08	AR1254E1	AR1254E1	08/18/05	0001	5.77	25.41
09	TOXAPHE1	TOXAPHE1	08/18/05	0038	5.77	25.41
10	INDALE1	INDALE1	08/18/05	0114	5.77	25.41
11	INDBLE1	INDBLE1	08/18/05	0150	5.77	25.41
12	INDAME1	INDAME1	08/18/05	0226	5.77	25.40
13	INDBME1	INDBME1	08/18/05	0302	5.77	25.40
14	INDAHE1	INDAHE1	08/18/05	0339	5.77	25.39
15	INDBHE1	INDBHE1	08/18/05	0415	5.77	25.40
16	PIBLKE2	PIBLKE2	08/18/05	0451	5.77	25.42
17	PEME2	PEME2	08/18/05	0528	5.77	25.41
18	PIBLKEJ	PIBLKEJ	08/23/05	0913	5.79	25.43
19	PEMEJ	PEMEJ	08/23/05	0949	5.79	25.43
20	PIBLKEK	PIBLKEK	08/23/05	1549	5.78	25.43
21	INDAMEK	INDAMEK	08/23/05	1625	5.78	25.43
22	INDBMEK	INDBMEK	08/23/05	1701	5.78	25.43
23	SD07-S-M	D0926-07A	08/23/05	2046	5.78	25.42
24	PIBLKDK	PIBLKDK	08/24/05	0059	5.78	25.42
25	PEMDK	PEMDK	08/24/05	0135	5.78	25.42
26	SS02-S-O	D0926-15A	08/24/05	0212	5.78	25.41
27	SS03-S-O	D0926-16A	08/24/05	0248	5.78	25.41
28	SS05-S-O	D0926-17A	08/24/05	0324	5.78	25.41
29	SS10-S-O	D0926-18A	08/24/05	0400	5.78	25.41
30	SS11-S-M	D0926-19A	08/24/05	0436	5.77	25.41
31	SS10-S-D	D0926-20A	08/24/05	0513	5.78	25.41
32	PIBLKDL	PIBLKDL	08/24/05	0549	5.78	25.42

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

Instrument ID: E2

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.77 DCB: 25.40

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	RESCE1	RESCE1	08/17/05	1948	5.77	25.40
02	PEME1	PEME1	08/17/05	2024	5.77	25.40
03	AR1660E1	AR1660E1	08/17/05	2100	5.77	25.40
04	AR1221E1	AR1221E1	08/17/05	2136	5.77	25.41
05	AR1232E1	AR1232E1	08/17/05	2212	5.77	25.41
06	AR1242E1	AR1242E1	08/17/05	2249	5.77	25.42
07	AR1248E1	AR1248E1	08/17/05	2325	5.77	25.41
08	AR1254E1	AR1254E1	08/18/05	0001	5.77	25.41
09	TOXAPHE1	TOXAPHE1	08/18/05	0038	5.77	25.41
10	INDALE1	INDALE1	08/18/05	0114	5.77	25.41
11	INDBLE1	INDBLE1	08/18/05	0150	5.77	25.41
12	INDAME1	INDAME1	08/18/05	0226	5.77	25.40
13	INDBME1	INDBME1	08/18/05	0302	5.77	25.40
14	INDAHE1	INDAHE1	08/18/05	0339	5.77	25.39
15	INDBHE1	INDBHE1	08/18/05	0415	5.77	25.40
16	PIBLKE2	PIBLKE2	08/18/05	0451	5.77	25.42
17	PEME2	PEME2	08/18/05	0528	5.77	25.41
18	PIBLKEJ	PIBLKEJ	08/23/05	0913	5.79	25.43
19	PEMEJ	PEMEJ	08/23/05	0949	5.79	25.43
20	PIBLKEK	PIBLKEK	08/23/05	1549	5.78	25.43
21	INDAMEK	INDAMEK	08/23/05	1625	5.78	25.43
22	INDBMEK	INDBMEK	08/23/05	1701	5.78	25.43
23	SD07-S-M	D0926-07A	08/23/05	2046	5.78	25.42
24	PIBLKDK	PIBLKDK	08/24/05	0059	5.78	25.42
25	PEMDK	PEMDK	08/24/05	0135	5.78	25.42
26	SS02-S-O	D0926-15A	08/24/05	0212	5.78	25.41
27	SS03-S-O	D0926-16A	08/24/05	0248	5.78	25.41
28	SS05-S-O	D0926-17A	08/24/05	0324	5.78	25.41
29	SS10-S-O	D0926-18A	08/24/05	0400	5.78	25.41
30	SS11-S-M	D0926-19A	08/24/05	0436	5.77	25.41
31	SS10-S-D	D0926-20A	08/24/05	0513	5.78	25.41
32	PIBLKDL	PIBLKDL	08/24/05	0549	5.78	25.42

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

Instrument ID: E2

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.77 DCB: 25.40

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	INDAMDL	INDAMDL	08/24/05	0625	5.78	25.42
02	INDBMDL	INDBMDL	08/24/05	0701	5.78	25.43
03	PIBLKEL	PIBLKEL	08/24/05	1036	5.79	25.43
04	PEMEL	PEMEL	08/24/05	1113	5.78	25.43
05	PBLK2E	MB-19467	08/24/05	1237	5.81	25.43
06	P2ELCS	LCS-19467	08/24/05	1313	5.79	25.42
07	SD03-S-O	D0926-01A	08/24/05	1350	5.78	25.42
08	SD12-S-O	D0926-04A	08/24/05	1426	5.78	25.42
09	SD01-S-O	D0926-05A	08/24/05	1502	5.78	25.42
10	SD06-S-O	D0926-09A	08/24/05	1538	5.78	25.42
11	SD09-S-O	D0926-10A	08/24/05	1614	5.78	25.42
12	PIBLKEM	PIBLKEM	08/24/05	1727	5.78	25.43
13	INDAMEM	INDAMEM	08/24/05	1915	5.79	25.43
14	INDBMEM	INDBMEM	08/24/05	1952	5.79	25.44
15	SD02-S-O	D0926-02A	08/24/05	2028	5.79	25.44
16	SD02-S-D	D0926-03A	08/24/05	2104	5.78	25.44
17	SD07-S-O	D0926-06A	08/24/05	2140	5.78	25.42
18	SD05-S-O	D0926-08A	08/24/05	2216	5.79	25.42
19	SD08-S-O	D0926-11A	08/24/05	2253	5.79	25.42
20	SD10-S-O	D0926-12A	08/24/05	2329	5.79	25.42
21	SD11-S-O	D0926-13A	08/25/05	0005	5.79	25.42
22	SD04-S-O	D0926-14A	08/25/05	0041	5.79	25.42
23	PIBLKEN	PIBLKEN	08/25/05	0154	5.79	25.44
24	PEMEN	PEMEN	08/25/05	0230	5.79	25.44
25	SS02-S-ORE	D0926-15ARE	08/25/05	0306	5.79	25.42
26	SS03-S-ORE	D0926-16ARE	08/25/05	0342	5.79	25.42
27	SS05-S-ORE	D0926-17ARE	08/25/05	0419	5.79	25.42
28	SS10-S-ORE	D0926-18ARE	08/25/05	0455	5.79	25.42
29	SS11-S-MRE	D0926-19ARE	08/25/05	0531	5.79	25.42
30	SS10-S-DRE	D0926-20ARE	08/25/05	0607	5.78	25.42
31	SD07-S-MRE	D0926-07ARE	08/25/05	0643	5.79	25.43
32	PIBLKEP	PIBLKEP	08/25/05	1020	5.79	25.44

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 08/17/05 08/18/05

Instrument ID: E2

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.77 DCB: 25.40

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	INDAMEP	INDAMEP	08/25/05	1057	5.79	25.44
02	INDBMEP	INDBMEP	08/25/05	1133	5.79	25.44
03	PIBLKEQ	PIBLKEQ	08/25/05	1403	5.79	25.46
04	PEMEQ	PEMEQ	08/25/05	1439	5.79	25.46
05	AR1254EQ	AR1254EQ	08/25/05	1602	5.82	25.47
06	AR1660EQ	AR1660EQ	08/25/05	1638	5.80	25.46
07	PIBLKER	PIBLKER	08/25/05	1714	5.80	25.47
08	INDAMER	INDAMER	08/25/05	1750	5.80	25.46
09	INDBMER	INDBMER	08/25/05	1826	5.80	25.47
10						
11						
12						
13						
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25						
26						
27						
28						
29						
30						
31						
32						

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 08/28/05 08/28/05

Instrument ID: E5

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.27 DCB: 22.30

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
* 01	RESCZ1	RESCZ1	08/28/05	0958	6.29	22.30
02	PEMZ1	PEMZ1	08/28/05	1029	6.27	22.30
03	AR1660Z1	AR1660Z1	08/28/05	1059	6.27	22.30
04	AR1221Z1	AR1221Z1	08/28/05	1130	6.28	22.30
05	AR1232Z1	AR1232Z1	08/28/05	1200	6.27	22.30
06	AR1242Z1	AR1242Z1	08/28/05	1231	6.28	22.30
07	AR1248Z1	AR1248Z1	08/28/05	1301	6.28	22.30
08	AR1254Z1	AR1254Z1	08/28/05	1332	6.27	22.30
09	TOXAPHZ1	TOXAPHZ1	08/28/05	1402	6.27	22.30
10	INDALZ1	INDALZ1	08/28/05	1433	6.27	22.29
11	INDBLZ1	INDBLZ1	08/28/05	1503	6.27	22.30
12	INDAMZ1	INDAMZ1	08/28/05	1534	6.27	22.30
13	INDBMZ1	INDBMZ1	08/28/05	1604	6.27	22.30
14	INDAHZ1	INDAHZ1	08/28/05	1635	6.27	22.30
15	INDBHZ1	INDBHZ1	08/28/05	1705	6.27	22.30
16	PIBLKZ2	PIBLKZ2	08/28/05	1736	6.27	22.29
17	PEMZ2	PEMZ2	08/28/05	1806	6.27	22.29
18	PBLK5D	MB-19467	08/28/05	1909	6.27	22.29
19	SS11-S-MMS	D0926-19AMS	08/28/05	1939	6.27	22.30
20	SS11-S-MMSD	D0926-19AMSD	08/28/05	2010	6.27	22.30
21	SD07-S-MMS	D0926-07AMS	08/28/05	2040	6.27	22.30
22	SD07-S-MMSD	D0926-07AMSD	08/28/05	2111	6.27	22.30
23	PIBLKZA	PIBLKZA	08/28/05	2212	6.27	22.29
24	INDAMZA	INDAMZA	08/28/05	2242	6.27	22.30
* 25	INDBMZA	INDBMZA	08/28/05	2313	6.27	22.29
26						
27						
28						
29						
30						
31						
32						

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 08/28/05 08/28/05

Instrument ID: E5

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 8.45 DCB: 24.79

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	RESCZ1	RESCZ1	08/28/05	0958	8.45	24.79
02	PEMZ1	PEMZ1	08/28/05	1029	8.45	24.79
03	AR1660Z1	AR1660Z1	08/28/05	1059	8.45	24.79
04	AR1221Z1	AR1221Z1	08/28/05	1130	8.45	24.79
05	AR1232Z1	AR1232Z1	08/28/05	1200	8.45	24.79
06	AR1242Z1	AR1242Z1	08/28/05	1231	8.46	24.79
07	AR1248Z1	AR1248Z1	08/28/05	1301	8.46	24.79
08	AR1254Z1	AR1254Z1	08/28/05	1332	8.45	24.79
09	TOXAPHZ1	TOXAPHZ1	08/28/05	1402	8.45	24.79
10	INDALZ1	INDALZ1	08/28/05	1433	8.45	24.79
11	INDBLZ1	INDBLZ1	08/28/05	1503	8.45	24.79
12	INDAMZ1	INDAMZ1	08/28/05	1534	8.45	24.79
13	INDBMZ1	INDBMZ1	08/28/05	1604	8.45	24.79
14	INDAHZ1	INDAHZ1	08/28/05	1635	8.45	24.79
15	INDBHZ1	INDBHZ1	08/28/05	1705	8.45	24.79
16	PIBLKZ2	PIBLKZ2	08/28/05	1736	8.45	24.79
17	PEMZ2	PEMZ2	08/28/05	1806	8.45	24.79
18	PBLK5D	MB-19467	08/28/05	1909	8.45	24.79
19	SS11-S-MMS	D0926-19AMS	08/28/05	1939	8.45	24.79
20	SS11-S-MMSD	D0926-19AMSD	08/28/05	2010	8.45	24.79
21	SD07-S-MMS	D0926-07AMS	08/28/05	2040	8.45	24.79
22	SD07-S-MMSD	D0926-07AMSD	08/28/05	2111	8.45	24.79
23	PIBLKZA	PIBLKZA	08/28/05	2212	8.45	24.79
24	INDAMZA	INDAMZA	08/28/05	2242	8.45	24.79
25	INDBMZA	INDBMZA	08/28/05	2313	8.45	24.79
26						
27						
28						
29						
30						
31						
32						

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

9A

PESTICIDE FLORISIL CARTRIDGE CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Florisil Cartridge Lot Number: AMFLX-3B Date of Analysis: 06/28/05

GC Column (1): CLPPEST ID: 0.53 (mm) GC Column (2): CLPPESTII ID: 0.53 (mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	% REC	#	QC LIMITS
alpha-BHC	0.010	0.0083	83		80-120
gamma-BHC (Lindane)	0.010	0.0089	89		80-120
Heptachlor	0.010	0.0092	92		80-120
Endosulfan I	0.010	0.01	104		80-120
Dieldrin	0.020	0.02	101		80-120
Endrin	0.020	0.023	113		80-120
4,4'-DDD	0.020	0.019	96		80-120
4,4'-DDT	0.020	0.019	95		80-120
Methoxychlor	0.10	0.11	108		80-120
Tetrachloro-m-xylene	0.010	0.0088	88		80-120
Decachlorobiphenyl	0.020	0.023	114		80-120
2,4,5-Trichlorophenol	0.050	0	0		<5

Column to be used to flag recovery with an asterisk.
* Values outside of QC limits.

THIS CARTRIDGE LOT APPLIES TO THE FOLLOWING SAMPLES, BLANKS, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	SD07-S-M	D0926-07A	08/23/05	08/23/05
02	SS02-S-O	D0926-15A	08/24/05	08/24/05
03	SS03-S-O	D0926-16A	08/24/05	08/24/05
04	SS05-S-O	D0926-17A	08/24/05	08/24/05
05	SS10-S-O	D0926-18A	08/24/05	08/24/05
06	SS11-S-M	D0926-19A	08/24/05	08/24/05
07	SS10-S-D	D0926-20A	08/24/05	08/24/05
08	PBLK2E	MB-19467	08/24/05	08/24/05
09	P2ELCS	LCS-19467	08/24/05	08/24/05
10	SD03-S-O	D0926-01A	08/24/05	08/24/05
11	SD12-S-O	D0926-04A	08/24/05	08/24/05
12	SD01-S-O	D0926-05A	08/24/05	08/24/05
13	SD06-S-O	D0926-09A	08/24/05	08/24/05
14	SD09-S-O	D0926-10A	08/24/05	08/24/05
15	SD02-S-O	D0926-02A	08/24/05	08/24/05
16	SD02-S-D	D0926-03A	08/24/05	08/24/05
17	SD07-S-O	D0926-06A	08/24/05	08/24/05
18	SD05-S-O	D0926-08A	08/24/05	08/24/05
19	SD08-S-O	D0926-11A	08/24/05	08/24/05
20	SD10-S-O	D0926-12A	08/24/05	08/24/05
21	SD11-S-O	D0926-13A	08/25/05	08/25/05
22	SD04-S-O	D0926-14A	08/25/05	08/25/05

9A

PESTICIDE FLORISIL CARTRIDGE CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Florisil Cartridge Lot Number: AMFLX-3B Date of Analysis: 06/28/05

GC Column (1): CLPPEST ID: 0.53 (mm) GC Column (2): CLPPESTII ID: 0.53 (mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	% REC #	QC LIMITS
alpha-BHC	0.010	0.0083	83	80-120
gamma-BHC (Lindane)	0.010	0.0089	89	80-120
Heptachlor	0.010	0.0092	92	80-120
Endosulfan I	0.010	0.01	104	80-120
Dieldrin	0.020	0.02	101	80-120
Endrin	0.020	0.023	113	80-120
4,4'-DDD	0.020	0.019	96	80-120
4,4'-DDT	0.020	0.019	95	80-120
Methoxychlor	0.10	0.11	108	80-120
Tetrachloro-m-xylene	0.010	0.0088	88	80-120
Decachlorobiphenyl	0.020	0.023	114	80-120
2,4,5-Trichlorophenol	0.050	0	0	<5

Column to be used to flag recovery with an asterisk.
* Values outside of QC limits.

THIS CARTRIDGE LOT APPLIES TO THE FOLLOWING SAMPLES, BLANKS, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	SS02-S-ORE	D0926-15ARE	08/25/05	08/25/05
02	SS03-S-ORE	D0926-16ARE	08/25/05	08/25/05
03	SS05-S-ORE	D0926-17ARE	08/25/05	08/25/05
04	SS10-S-ORE	D0926-18ARE	08/25/05	08/25/05
05	SS11-S-MRE	D0926-19ARE	08/25/05	08/25/05
06	SS10-S-DRE	D0926-20ARE	08/25/05	08/25/05
07	SD07-S-MRE	D0926-07ARE	08/25/05	08/25/05
08	PBLK5D	MB-19467	08/28/05	08/28/05
09	SS11-S-MMS	D0926-19AMS	08/28/05	08/28/05
10	SS11-S-MMSD	D0926-19AMSD	08/28/05	08/28/05
11	SD07-S-MMS	D0926-07AMS	08/28/05	08/28/05
12	SD07-S-MMSD	D0926-07AMSD	08/28/05	08/28/05
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				

9B

PESTICIDE GPC CALIBRATION VERIFICATION

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GPC Column: S-X3-A12 Calibration Verification Date: 08/28/05

GC Column (1): CLPPEST ID: 0.53 (mm) GC Column (2): CLPPESTII ID: 0.53 (mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	% REC #	QC LIMITS
gamma-BHC (Lindane)	0.050	0.046	93	80-110
Heptachlor	0.050	0.047	94	80-110
Aldrin	0.050	0.048	96	80-110
Dieldrin	0.10	0.098	98	80-110
Endrin	0.10	0.11	110	80-110
4,4'-DDT	0.10	0.094	94	80-110

Column to be used to flag recovery with an asterisk.
* Values outside of QC limits.

THIS GPC CALIBRATION VERIFICATION APPLIES TO THE FOLLOWING SAMPLES, BLANKS, MS, AND MS

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	SD07-S-M	D0926-07A	08/23/05	08/23/05
02	SS02-S-O	D0926-15A	08/24/05	08/24/05
03	SS03-S-O	D0926-16A	08/24/05	08/24/05
04	SS05-S-O	D0926-17A	08/24/05	08/24/05
05	SS10-S-O	D0926-18A	08/24/05	08/24/05
06	SS11-S-M	D0926-19A	08/24/05	08/24/05
07	SS10-S-D	D0926-20A	08/24/05	08/24/05
08	PBLK2E	MB-19467	08/24/05	08/24/05
09	P2ELCS	LCS-19467	08/24/05	08/24/05
10	SD03-S-O	D0926-01A	08/24/05	08/24/05
11	SD12-S-O	D0926-04A	08/24/05	08/24/05
12	SD01-S-O	D0926-05A	08/24/05	08/24/05
13	SD06-S-O	D0926-09A	08/24/05	08/24/05
14	SD09-S-O	D0926-10A	08/24/05	08/24/05
15	SD02-S-O	D0926-02A	08/24/05	08/24/05
16	SD02-S-D	D0926-03A	08/24/05	08/24/05
17	SD07-S-O	D0926-06A	08/24/05	08/24/05
18	SD05-S-O	D0926-08A	08/24/05	08/24/05
19	SD08-S-O	D0926-11A	08/24/05	08/24/05
20	SD10-S-O	D0926-12A	08/24/05	08/24/05
21	SD11-S-O	D0926-13A	08/25/05	08/25/05
22	SD04-S-O	D0926-14A	08/25/05	08/25/05
23	SS02-S-ORE	D0926-15ARE	08/25/05	08/25/05
24	SS03-S-ORE	D0926-16ARE	08/25/05	08/25/05
25	SS05-S-ORE	D0926-17ARE	08/25/05	08/25/05
26	SS10-S-ORE	D0926-18ARE	08/25/05	08/25/05

9B

PESTICIDE GPC CALIBRATION VERIFICATION

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

GPC Column: S-X3-A12 Calibration Verification Date: 08/28/05

GC Column (1): CLPPEST ID: 0.53 (mm) GC Column (2): CLPPESTII ID: 0.53 (mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	% REC #	QC LIMITS
gamma-BHC (Lindane)	0.050	0.046	93	80-110
Heptachlor	0.050	0.047	94	80-110
Aldrin	0.050	0.048	96	80-110
Dieldrin	0.10	0.098	98	80-110
Endrin	0.10	0.11	110	80-110
4,4'-DDT	0.10	0.094	94	80-110

Column to be used to flag recovery with an asterisk.
* Values outside of QC limits.

THIS GPC CALIBRATION VERIFICATION APPLIES TO THE FOLLOWING SAMPLES, BLANKS, MS, AND MS

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	SS11-S-MRE	D0926-19ARE	08/25/05	08/25/05
02	SS10-S-DRE	D0926-20ARE	08/25/05	08/25/05
03	SD07-S-MRE	D0926-07ARE	08/25/05	08/25/05
04	PBLK5D	MB-19467	08/28/05	08/28/05
05	SS11-S-MMS	D0926-19AMS	08/28/05	08/28/05
06	SS11-S-MMSD	D0926-19AMSD	08/28/05	08/28/05
07	SD07-S-MMS	D0926-07AMS	08/28/05	08/28/05
08	SD07-S-MMSD	D0926-07AMSD	08/28/05	08/28/05
09				
10				
11				
12				
13				
14				
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17				
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19				
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21				
22				
23				
24				
25				
26				

10A

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

P2ELCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: LCS-19467 Date(s) Analyzed: 08/24/05 08/24/05

Instrument ID (1): E2 Instrument ID (2): E2

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-BHC (Lindane)	1	11.47	11.39	11.49	14	
	2	8.74	8.66	8.76	14	0.0
Heptachlor	1	13.13	13.04	13.14	16	
	2	10.37	10.29	10.39	15	6.7
Aldrin	1	14.32	14.23	14.33	17	
	2	11.40	11.31	11.41	15	13.3
Dieldrin	1	19.02	18.91	19.05	34	
	2	15.91	15.80	15.94	32	6.3
4,4'-DDE	1	18.68	18.58	18.72	1.9	
	2	15.15	15.07	15.21	2.2	15.8
Endrin	1	20.12	20.01	20.15	40	
	2	16.69	16.58	16.72	39	2.6
4,4'-DDT	1	21.94	21.84	21.98	37	
	2	18.28	18.20	18.34	38	2.7
	1					
	2					

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10A

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

SD02-S-D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: D0926-03A Date(s) Analyzed: 08/24/05 08/24/05

Instrument ID (1): E2 Instrument ID (2): E2

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Endrin	1	20.02	20.01	20.15	24	
	2	16.58	16.58	16.72	30	25.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

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EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

SD02-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: D0926-02A Date(s) Analyzed: 08/24/05 08/24/05

Instrument ID (1): E2 Instrument ID (2): E2

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	20.83	20.72	20.86	35	
	2	17.30	17.25	17.39	19	84.2
alpha-Chlordane	1	17.76	17.75	17.89	6.2	
	2	14.61	14.50	14.64	5.6	10.7
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM04.3

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PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SD07-S-M

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: D0926-07A Date(s) Analyzed: 08/23/05 08/23/05

Instrument ID (1): E2 Instrument ID (2): E2

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	18.66	18.58	18.72	7.4	
	2	15.14	15.07	15.21	8.0	8.1
Endosulfan sulfate	1	23.18	23.13	23.27	7.8	
	2	20.67	20.54	20.68	8.5	9.0
4,4'-DDT	1	21.90	21.84	21.98	59	
	2	18.17	18.20	18.34	24	145.8
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM04.3

10A

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

SD07-S-MRE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: D0926-07ARE Date(s) Analyzed: 08/25/05 08/25/05

Instrument ID (1): E2 Instrument ID (2): E2

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	18.68	18.58	18.72	7.8	
	2	15.15	15.07	15.21	8.7	11.5
Endosulfan sulfate	1	23.19	23.13	23.27	8.0	
	2	20.68	20.54	20.68	6.9	15.9
4,4'-DDT	1	21.92	21.84	21.98	88	
	2	18.18	18.20	18.34	28	214.3
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

10A

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

SD07-S-MMS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: D0926-07AMS Date(s) Analyzed: 08/28/05 08/28/05

Instrument ID (1): E5 Instrument ID (2): E5

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-BHC (Lindane)	1	9.41	9.37	9.47	23	
	2	12.06	12.01	12.11	21	9.5
Heptachlor	1	10.89	10.87	10.97	110	
	2	13.45	13.40	13.50	25	340.0
Aldrin	1	11.80	11.75	11.85	25	
	2	14.43	14.38	14.48	29	16.0
Dieldrin	1	16.10	16.04	16.18	59	
	2	18.67	18.60	18.74	57	3.5
4,4'-DDE	1	15.16	15.09	15.23	9.7	
	2	18.49	18.42	18.56	9.8	1.0
Endrin	1	16.97	16.90	17.04	62	
	2	19.35	19.28	19.42	64	3.2
4,4'-DDD	1	17.45	17.39	17.53	7.7	
	2	19.79	19.73	19.87	11	42.9
4,4'-DDT	1	18.09	18.02	18.16	61	
	2	20.46	20.39	20.53	110	80.3

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SD07-S-MMS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: D0926-07AMS Date(s) Analyzed: 08/28/05 08/28/05

Instrument ID (1): E5 Instrument ID (2): E5

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Endrin aldehyde	1	18.60	18.50	18.64	3.3	
	2	20.64	20.54	20.68	32	869.7
gamma-Chlordane	1	14.09	14.03	14.17	5.7	
	2	17.60	17.49	17.63	12	110.5
* _____	1					
	2					
_____	1					
	2					
_____	1					
	2					
_____	1					
	2					
_____	1					
	2					
* _____	1					
	2					

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PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SD07-S-MMSD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Lab Sample ID: D0926-07AMSD Date(s) Analyzed: 08/28/05 08/28/05

Instrument ID (1): E5 Instrument ID (2): E5

GC Column(1): CLPPEST ID: 0.53(mm) GC Column(2): CLPPESTII ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-BHC (Lindane)	1	9.41	9.37	9.47	20	
	2	12.06	12.01	12.11	20	0.0
Heptachlor	1	10.89	10.87	10.97	100	
	2	13.45	13.40	13.50	23	334.8
Aldrin	1	11.80	11.75	11.85	22	
	2	14.43	14.38	14.48	26	18.2
Dieldrin	1	16.10	16.04	16.18	55	
	2	18.67	18.60	18.74	53	3.8
4,4'-DDE	1	15.16	15.09	15.23	8.8	
	2	18.49	18.42	18.56	9.3	5.7
Endrin	1	16.97	16.90	17.04	69	
	2	19.35	19.28	19.42	59	16.9
4,4'-DDD	1	17.45	17.39	17.53	6.5	
	2	19.80	19.73	19.87	10	53.8
4,4'-DDT	1	18.09	18.02	18.16	56	
	2	20.45	20.39	20.53	100	78.6

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SD07-S-MMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: D0926-07AMSD Date(s) Analyzed: 08/28/05 08/28/05

Instrument ID (1): E5 Instrument ID (2): E5

GC Column(1): CLPPEST ID: 0.53(mm) GC Column(2): CLPPESTII ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Endrin aldehyde	1	18.59	18.50	18.64	3.2	
	2	20.64	20.54	20.68	32	900.0
gamma-Chlordane	1	14.09	14.03	14.17	5.9	
	2	17.60	17.49	17.63	7.9	33.9
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SD07-S-O

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Lab Sample ID: D0926-06A Date(s) Analyzed: 08/24/05 08/24/05

Instrument ID (1): E2 Instrument ID (2): E2

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	18.68	18.58	18.72	9.8	
	2	15.15	15.07	15.21	6.4	53.1
Endosulfan sulfate	1	23.18	23.13	23.27	8.7	
	2	20.67	20.54	20.68	8.7	0.0
4,4'-DDT	1	21.91	21.84	21.98	94	
	2	18.18	18.20	18.34	29	224.1
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

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10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SD10-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: D0926-12A Date(s) Analyzed: 08/24/05 08/24/05

Instrument ID (1): E2 Instrument ID (2): E2

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	18.69	18.58	18.72	7.5	
	2	15.15	15.07	15.21	8.4	12.0
gamma-Chlordane	1	17.28	17.18	17.32	5.0	
	2	14.06	14.02	14.16	5.7	14.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SD12-S-O

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Lab Sample ID: D0926-04A Date(s) Analyzed: 08/24/05 08/24/05

Instrument ID (1): E2 Instrument ID (2): E2

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	18.68	18.58	18.72	9.0	
	2	15.15	15.07	15.21	11	22.2
4,4'-DDD	1	20.82	20.72	20.86	9.2	
	2	17.29	17.25	17.39	12	30.4
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SS03-S-O

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Lab Sample ID: D0926-16A Date(s) Analyzed: 08/24/05 08/24/05

Instrument ID (1): E2 Instrument ID (2): E2

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	18.67	18.58	18.72	0.97	
	2	15.08	15.07	15.21	1.1	13.4
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM04.3

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SS05-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: D0926-17A Date(s) Analyzed: 08/24/05 08/24/05

Instrument ID (1): E2 Instrument ID (2): E2

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	18.67	18.58	18.72	1.6	
	2	15.14	15.07	15.21	1.8	12.5
4,4'-DDT	1	21.92	21.84	21.98	3.1	
	2	18.27	18.20	18.34	2.0	55.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM04.3

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SS05-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: D0926-17ARE Date(s) Analyzed: 08/25/05 08/25/05

Instrument ID (1): E2 Instrument ID (2): E2

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDT	1	21.94	21.84	21.98	3.8	
	2	18.28	18.20	18.34	2.0	90.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SS10-S-D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: D0926-20A Date(s) Analyzed: 08/24/05 08/24/05

Instrument ID (1): E2 Instrument ID (2): E2

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	18.67	18.58	18.72	6.5	
	2	15.14	15.07	15.21	4.4	47.7
4,4'-DDT	1	21.93	21.84	21.98	4.9	
	2	18.27	18.20	18.34	5.8	18.4
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SS10-S-DRE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: D0926-20ARE Date(s) Analyzed: 08/25/05 08/25/05

Instrument ID (1): E2 Instrument ID (2): E2

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	18.68	18.58	18.72	6.2	
	2	15.15	15.07	15.21	6.8	9.7
4,4'-DDT	1	21.94	21.84	21.98	4.9	
	2	18.28	18.20	18.34	5.8	18.4
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

10A

PESTICIDE IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SS10-S-O

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Lab Sample ID: D0926-18A Date(s) Analyzed: 08/24/05 08/24/05

Instrument ID (1): E2 Instrument ID (2): E2

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	18.67	18.58	18.72	5.1	
	2	15.14	15.07	15.21	4.1	24.4
4,4'-DDT	1	21.93	21.84	21.98	5.4	
	2	18.27	18.20	18.34	4.7	14.9
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM04.3

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SS10-S-ORE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: D0926-18ARE Date(s) Analyzed: 08/25/05 08/25/05

Instrument ID (1): E2 Instrument ID (2): E2

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	18.69	18.58	18.72	5.3	
	2	15.15	15.07	15.21	6.5	22.6
4,4'-DDT	1	21.94	21.84	21.98	5.4	
	2	18.28	18.20	18.34	4.8	12.5
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SS11-S-MMS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: D0926-19AMS Date(s) Analyzed: 08/28/05 08/28/05

Instrument ID (1): E5 Instrument ID (2): E5

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-BHC (Lindane)	1	9.41	9.37	9.47	15	
	2	12.06	12.01	12.11	15	0.0
Heptachlor	1	10.88	10.87	10.97	91	
	2	13.45	13.40	13.50	18	405.6
Aldrin	1	11.80	11.75	11.85	18	
	2	14.43	14.38	14.48	19	5.6
Dieldrin	1	16.10	16.04	16.18	38	
	2	18.67	18.60	18.74	38	0.0
4,4'-DDE	1	15.17	15.09	15.23	2.1	
	2	18.49	18.42	18.56	2.2	4.8
Endrin	1	16.97	16.90	17.04	45	
	2	19.35	19.28	19.42	44	2.3
4,4'-DDT	1	18.09	18.02	18.16	36	
	2	20.46	20.39	20.53	37	2.8
	1					
	2					

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SS11-S-MMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: D0926-19AMSD Date(s) Analyzed: 08/28/05 08/28/05

Instrument ID (1): E5 Instrument ID (2): E5

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-BHC (Lindane)	1	9.42	9.37	9.47	15	
	2	12.06	12.01	12.11	16	6.7
Heptachlor	1	10.89	10.87	10.97	59	
	2	13.45	13.40	13.50	18	227.8
Aldrin	1	11.80	11.75	11.85	18	
	2	14.43	14.38	14.48	19	5.6
Dieldrin	1	16.10	16.04	16.18	38	
	2	18.67	18.60	18.74	38	0.0
4,4'-DDE	1	15.17	15.09	15.23	2.5	
	2	18.49	18.42	18.56	3.2	28.0
Endrin	1	16.97	16.90	17.04	46	
	2	19.34	19.28	19.42	45	2.2
4,4'-DDT	1	18.09	18.02	18.16	36	
	2	20.46	20.39	20.53	37	2.8
	1					
	2					

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SD07-S-M

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: D0926-07A Date(s) Analyzed: 08/23/05 08/23/05

Instrument ID (1): E2 Instrument ID (2): E2

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	23.31	23.21	23.35	470		
Aroclor-1260	2	24.24	24.15	24.29	520		
	3	25.56	25.47	25.61	590		
COLUMN 1	4						
	5					530	
	1	19.40	19.33	19.47	1600		
	2	20.51	20.50	20.64	780		
	3	21.64	21.58	21.72	270		
COLUMN 2	4						
	5					890	67.9
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes.

10B

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SD07-S-MRE

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Lab Sample ID: D0926-07ARE Date(s) Analyzed: 08/25/05 08/25/05

Instrument ID (1): E2 Instrument ID (2): E2

GC Column(1): CLPPEST ID: 0.53(mm) GC Column(2): CLPPESTII ID: 0.53(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	23.33	23.21	23.35	500		
Aroclor-1260	2	24.26	24.15	24.29	500		
	3	25.57	25.47	25.61	610		
COLUMN 1	4						
	5					530	
	1	19.41	19.33	19.47	1700		
	2	20.52	20.50	20.64	770		
	3	21.65	21.58	21.72	260		
COLUMN 2	4						
	5					920	73.6
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes.

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SD07-S-MMS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: D0926-07AMS Date(s) Analyzed: 08/28/05 08/28/05

Instrument ID (1): E5 Instrument ID (2): E5

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	19.48	19.41	19.55	560		
Aroclor-1260	2	20.06	19.99	20.13	730		
	3	21.36	21.29	21.43	580		
COLUMN 1	4						
	5					620	
	1	19.20	19.13	19.27	590		
	2	19.96	19.89	20.03	640		
	3	20.46	20.37	20.51	1400		
COLUMN 2	4						
	5					870	40.3
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes.

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SD07-S-MMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: D0926-07AMSD Date(s) Analyzed: 08/28/05 08/28/05

Instrument ID (1): E5 Instrument ID (2): E5

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	19.48	19.41	19.55	580		
Aroclor-1260	2	20.06	19.99	20.13	690		
	3	21.36	21.29	21.43	610		
COLUMN 1	4						
	5					630	
	1	19.20	19.13	19.27	590		
	2	19.96	19.89	20.03	700		
	3	20.45	20.37	20.51	1300		
COLUMN 2	4						
*	5					870	38.1
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
*	5						

At least 3 peaks for each column are required for identification of multicomponent analytes.

10B

PESTICIDE IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SD07-S-O

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD0926

Lab Sample ID: D0926-06A Date(s) Analyzed: 08/24/05 08/24/05

Instrument ID (1): E2 Instrument ID (2): E2

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	23.32	23.21	23.35	540		
Aroclor-1260	2	24.25	24.15	24.29	520		
	3	25.57	25.47	25.61	660		
COLUMN 1	4						
	5					570	
	1	19.40	19.33	19.47	1100		
	2	20.52	20.50	20.64	820		
	3	21.65	21.58	21.72	240		
COLUMN 2	4						
	5					730	28.1
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes.

10B

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SD10-S-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Lab Sample ID: D0926-12A Date(s) Analyzed: 08/24/05 08/24/05

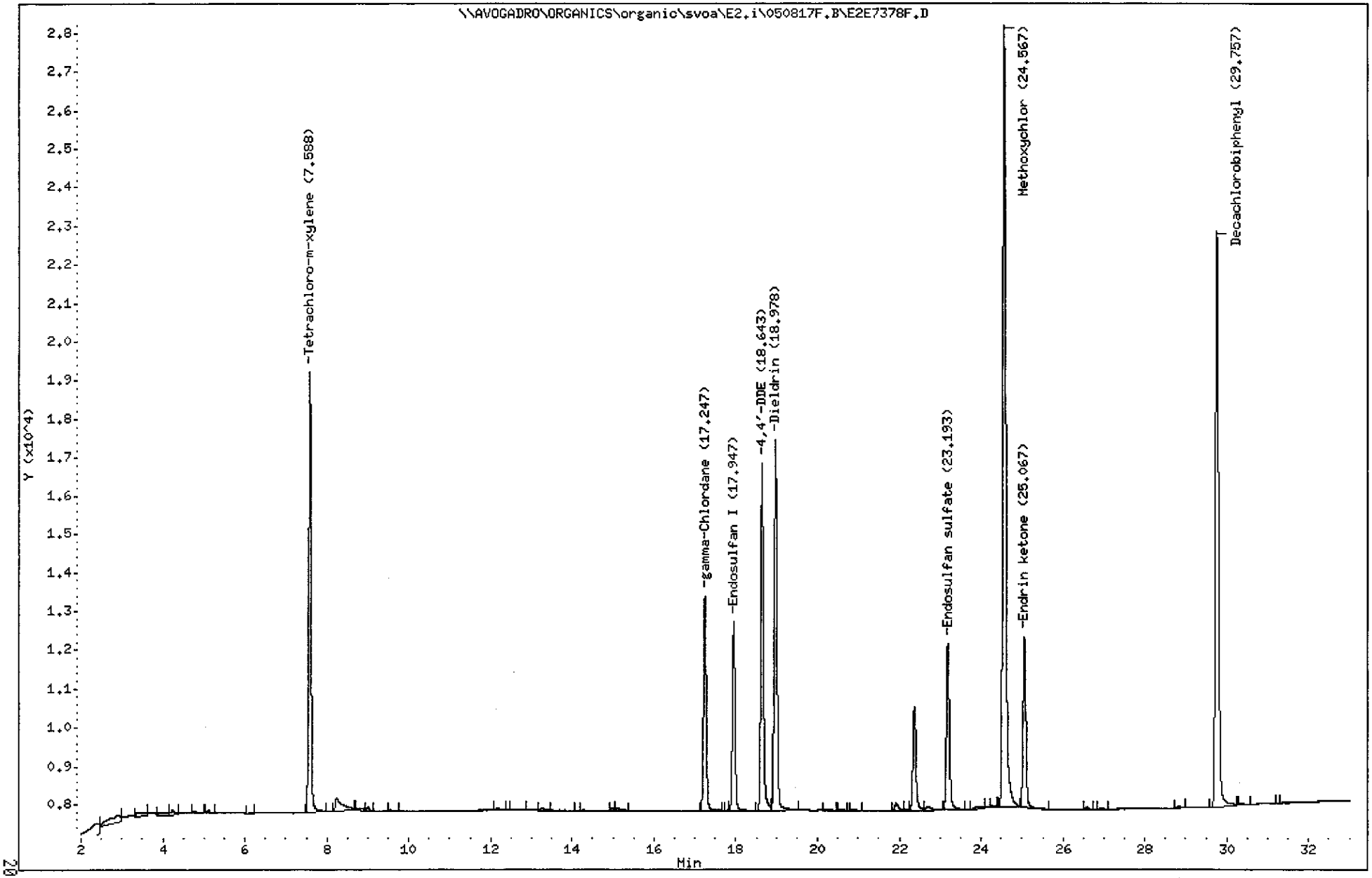
Instrument ID (1): E2 Instrument ID (2): E2

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	16.70	16.59	16.73	60		
Aroclor-1254	2	19.11	19.00	19.14	81		
	3	19.84	19.73	19.87	100		
COLUMN 1	4						
	5					82	
	1	13.10	13.02	13.16	180		
	2	15.45	15.40	15.54	120		
	3	17.12	17.07	17.21	200		
COLUMN 2	4						
	5					170	107.3
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

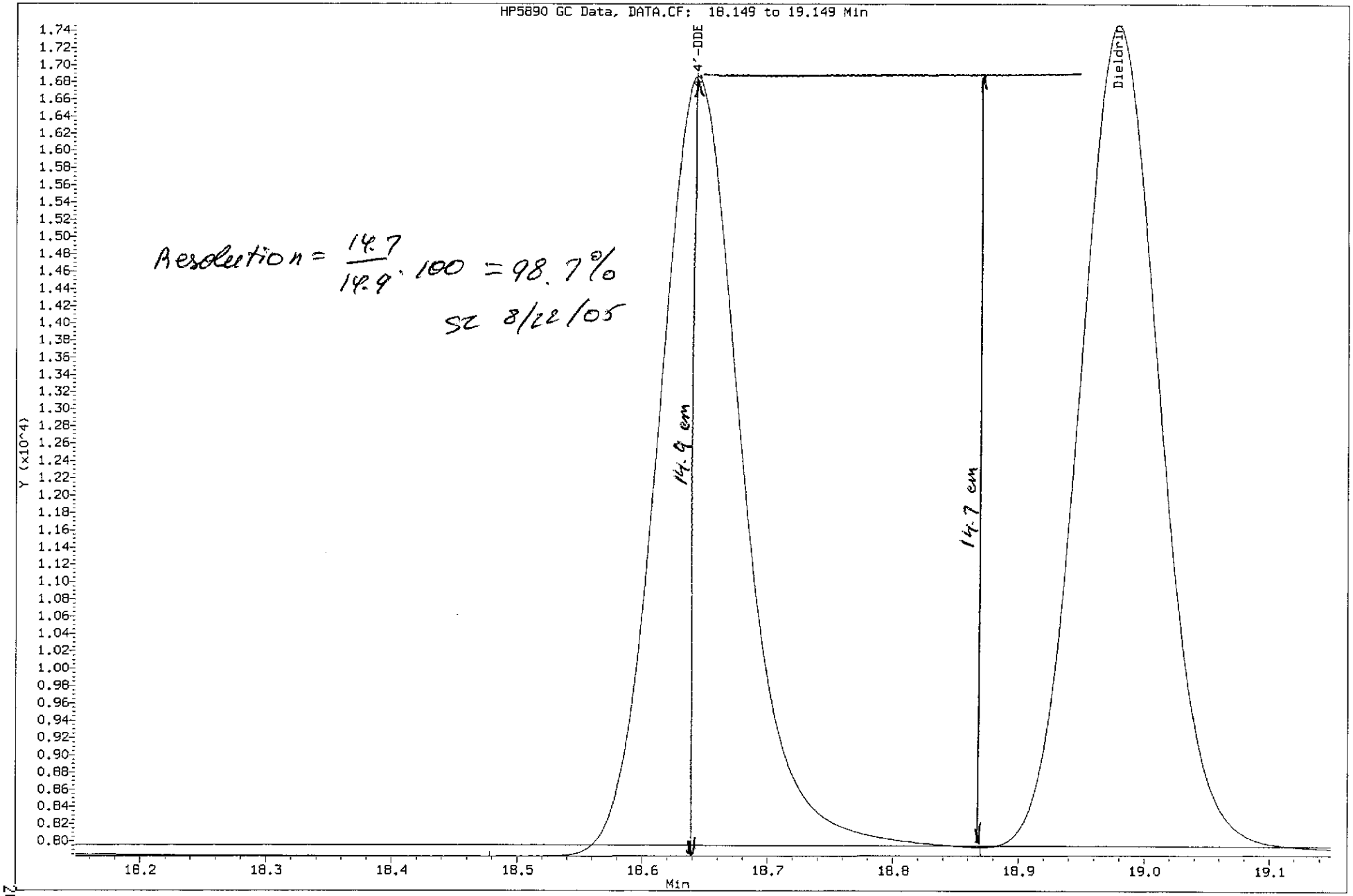
At least 3 peaks for each column are required for identification of multicomponent analytes.

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7378F.D
Date : 17-AUG-2005 19:48
Client ID: RESCE1
Instrument: E2.i
Sample Info: RESCE1,RESCE1,,reso.sub
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



2016

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7378F.D
Injection Date: 17-AUG-2005 19:48
Instrument: E2.i
Client Sample ID: RESCE1

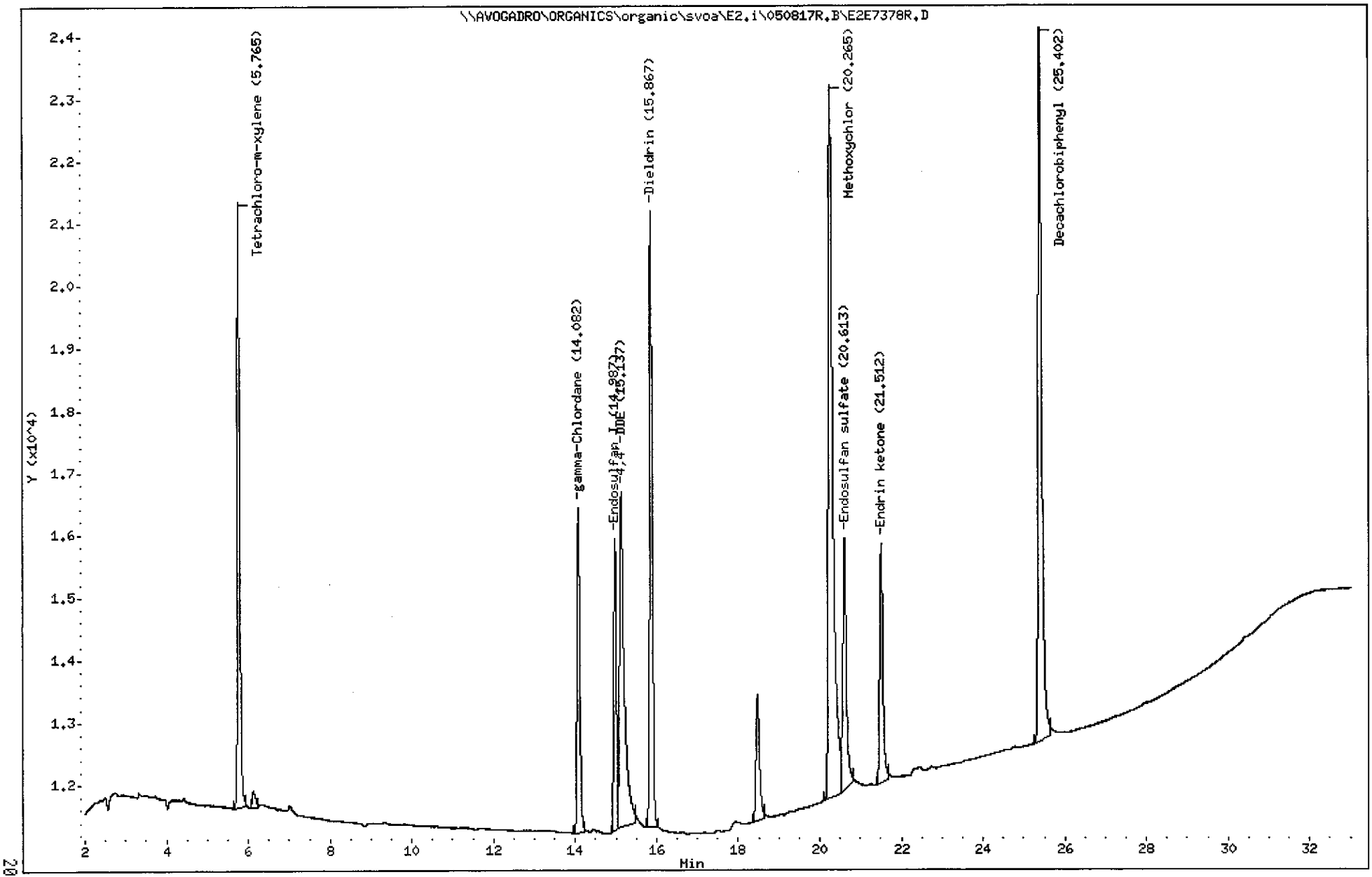


Resolution = $\frac{14.7}{14.9} \cdot 100 = 98.7\%$

SZ 8/22/05

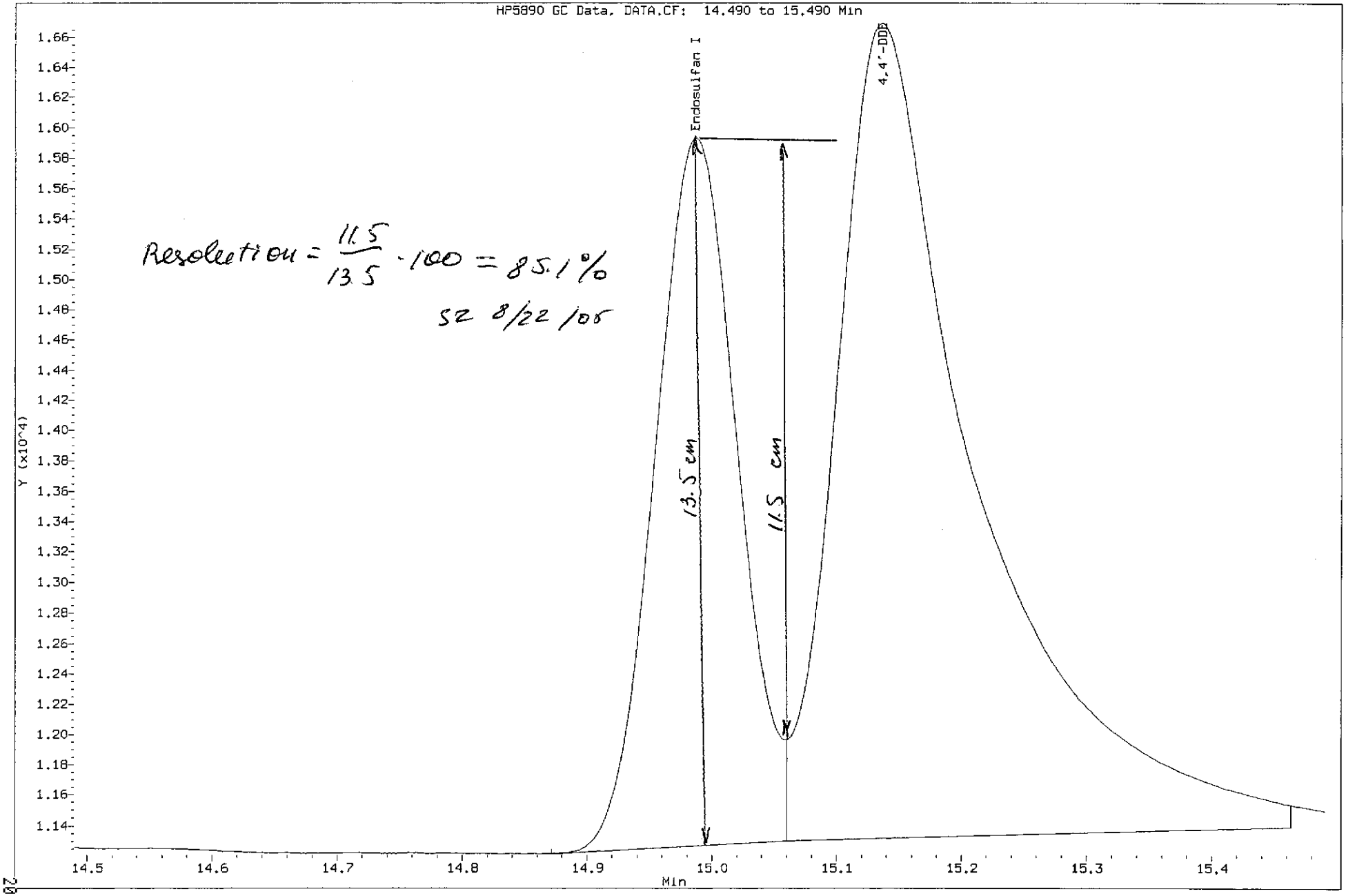
2017

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7378R.D
Date : 17-AUG-2005 19:48
Client ID: RESCE1
Instrument: E2.i
Sample Info: RESCE1,RESCE1,,resc,sub
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



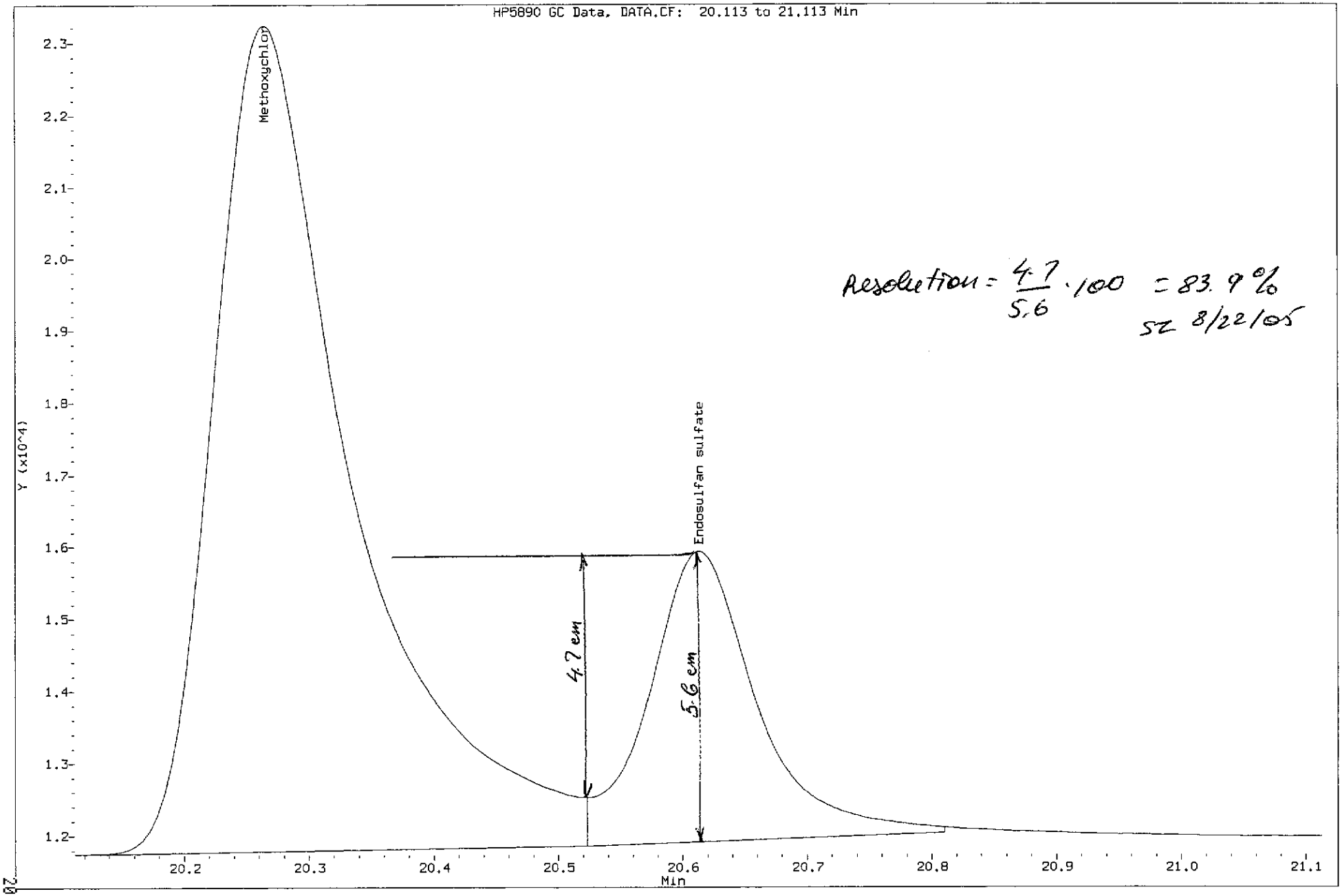
2018

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7378R.D
Injection Date: 17-AUG-2005 19:48
Instrument: E2.i
Client Sample ID: RESCE1



2019

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7378R.D
Injection Date: 17-AUG-2005 19:48
Instrument: E2.i
Client Sample ID: RESCE1



Resolution = $\frac{4.7}{5.6} \cdot 100 = 83.9\%$

SZ 8/22/05

2020

Data File: E2E7378F.D
Report Date: 18-Aug-2005 18:21

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7378F.D
Lab Smp Id: RESCE1 Client Smp ID: RESCE1
Inj Date : 17-AUG-2005 19:48
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : RESCE1,RESCE1,,resc.sub
Misc Info : 3,,RESOLUTION,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\clp-1262e4f.m
Meth Date : 18-Aug-2005 18:21 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 1 QC Sample: RESOLUTION
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: resc.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
11	gamma-Chlordane					CAS #: 5103-74-2		
	17.2	17.3	-0.100	26120	0.00945	0.095		
10	Endosulfan I					CAS #: 959-98-8		
	17.9	18.0	-0.100	22596	0.00936	0.094		
13	4,4'-DDE					CAS #: 72-55-9		
	18.6	18.6	0.000	43169	0.01934	0.19		
14	Dieldrin					CAS #: 60-57-1		
	19.0	19.0	0.000	44751	0.01981	0.20		

SZ 08/19/05

Data File: E2E7378F.D
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				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
20 Endosulfan sulfate						CAS #: 1031-07-8	
23.2	23.2	0.000	21387	0.01316	0.13		
22 Endrin ketone						CAS #: 53494-70-5	
25.1	25.1	0.000	21219	0.01321	0.13		
21 Methoxychlor						CAS #: 72-43-5	
24.6	24.6	0.000	106065	0.10226	1.0		
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.59	7.59	0.000	44193	0.01948	0.19		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	79769	0.02051	0.21		

Data File: E2E7378R.D
Report Date: 18-Aug-2005 18:22

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7378R.D
Lab Smp Id: RESCE1 Client Smp ID: RESCE1
Inj Date : 17-AUG-2005 19:48
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : RESCE1,RESCE1,,resc.sub
Misc Info : 3,,RESOLUTION,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\clp1262-e2r.m
Meth Date : 18-Aug-2005 17:16 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 1 QC Sample: RESOLUTION
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: resc.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
11 gamma-Chlordane						CAS #: 5103-74-2	
14.1	14.1	0.000	24492	0.00919	0.092		
10 Endosulfan I						CAS #: 959-98-8	
15.0	15.0	0.000	21310	0.00901	0.090		
13 4,4'-DDE						CAS #: 72-55-9	
15.1	15.1	0.000	42353	0.01922	0.19		
14 Dieldrin						CAS #: 60-57-1	
15.9	15.9	0.000	46099	0.01923	0.19		

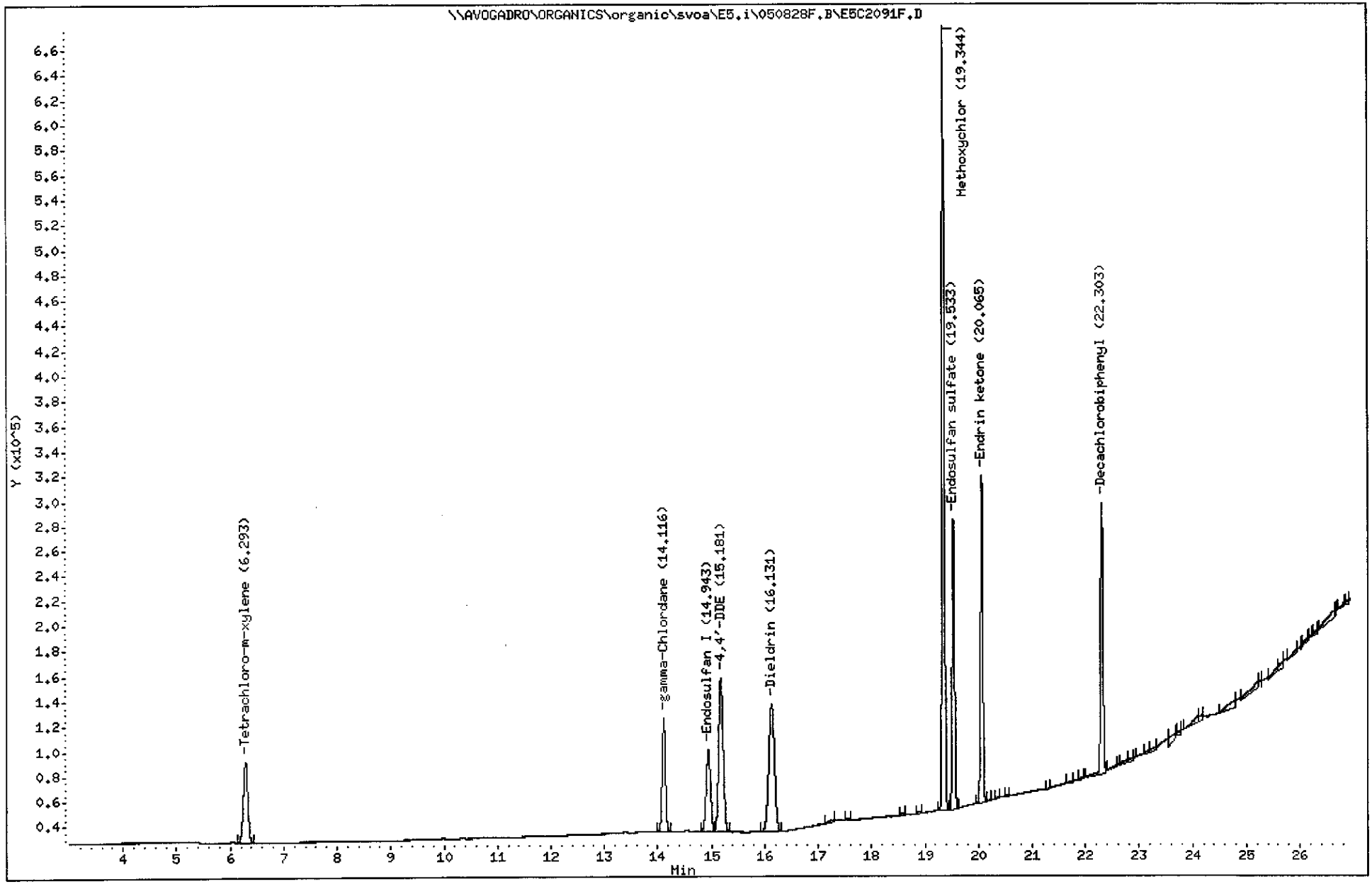
SZ 08/19/05

2023

Data File: E2E7378R.D
Report Date: 18-Aug-2005 18:22

				CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
20 Endosulfan sulfate						CAS #: 1031-07-8	
20.6	20.6	0.000	24322	0.01576	0.16		
22 Endrin ketone						CAS #: 53494-70-5	
21.5	21.5	0.000	20595	0.01302	0.13		
21 Methoxychlor						CAS #: 72-43-5	
20.3	20.2	0.100	88743	0.09193	0.92		
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.77	5.77	0.000	38435	0.01911	0.19		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	70820	0.01959	0.20		

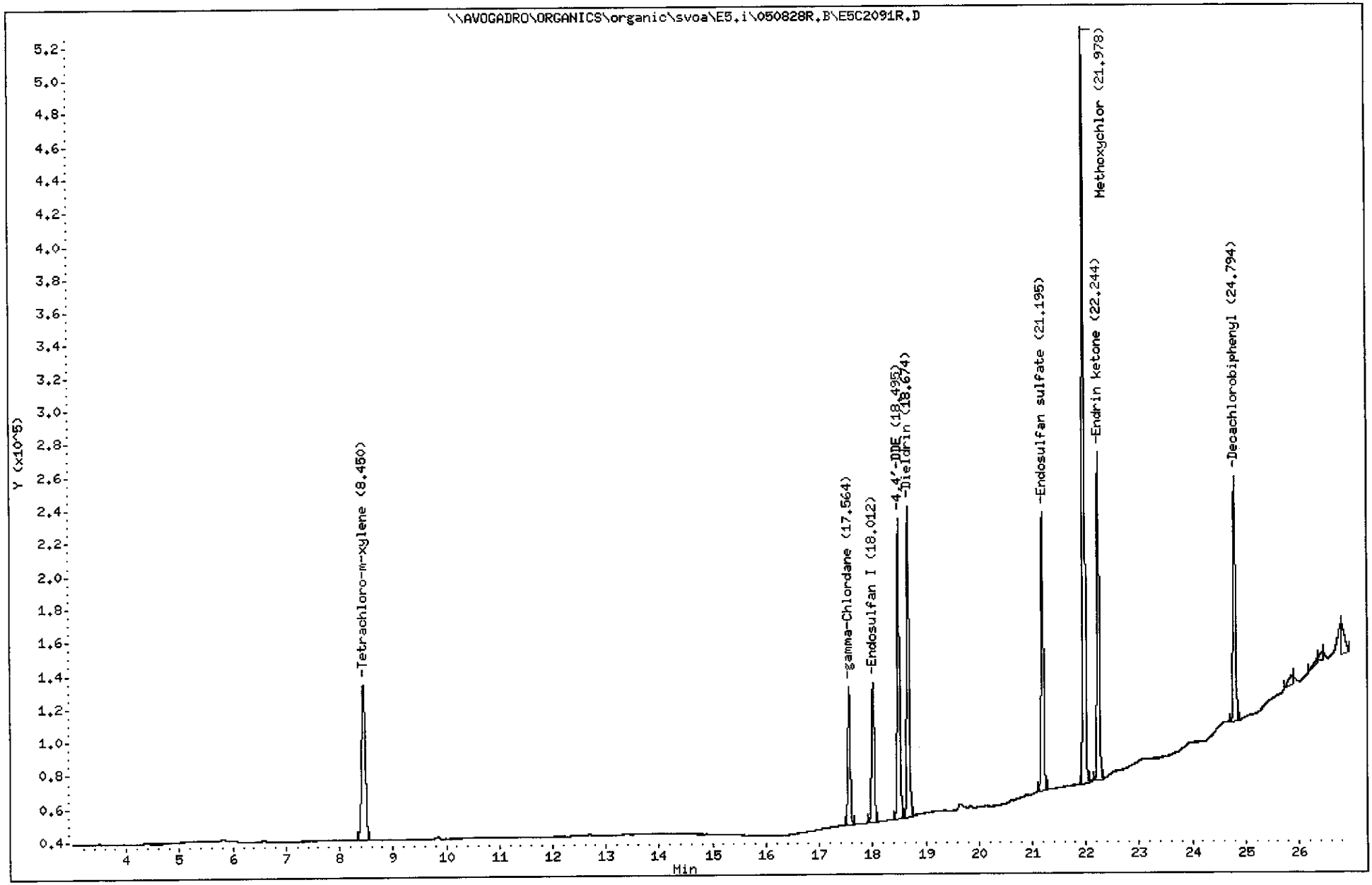
Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2091F.D
Date : 28-AUG-2005 09:58
Client ID: RESCZ1
Instrument: E5.i
Sample Info: RESCZ1,RESCZ1,,reso,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



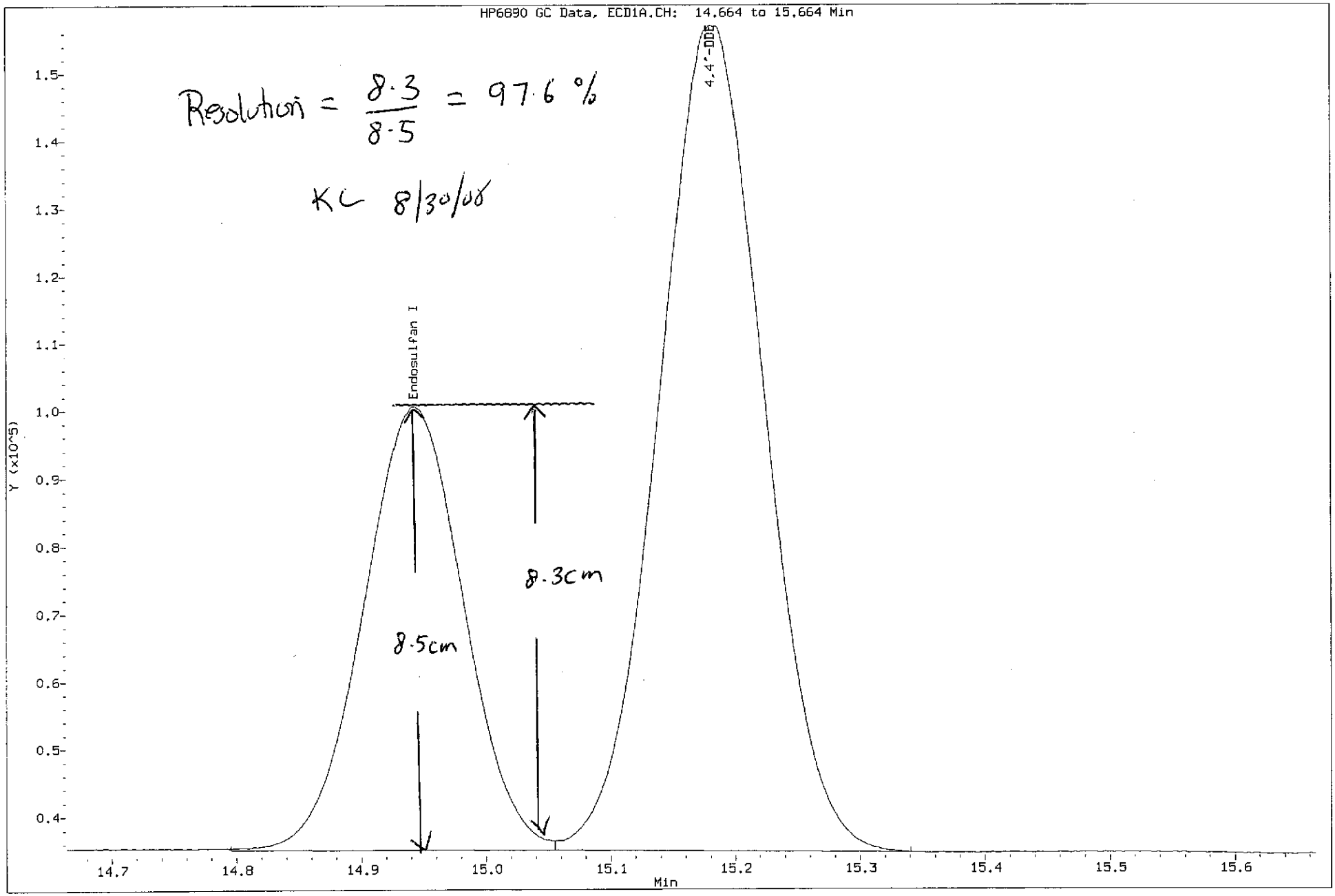
2025

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2091R.D
Date : 28-AUG-2005 09:58
Client ID: RESCZ1
Sample Info: RESCZ1,RESCZ1,,resc,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2091F.D
Injection Date: 28-AUG-2005 09:58
Instrument: E5.i
Client Sample ID: RESCZ1



2027

Data File: E5C2091F.D
Report Date: 30-Aug-2005 11:30

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2091F.D
Lab Smp Id: RESCZ1 Client Smp ID: RESCZ1
Inj Date : 28-AUG-2005 09:58
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : RESCZ1,RESCZ1,,resc.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 09:00 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101F.D
Als bottle: 1 QC Sample: RESOLUTION
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: resc.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

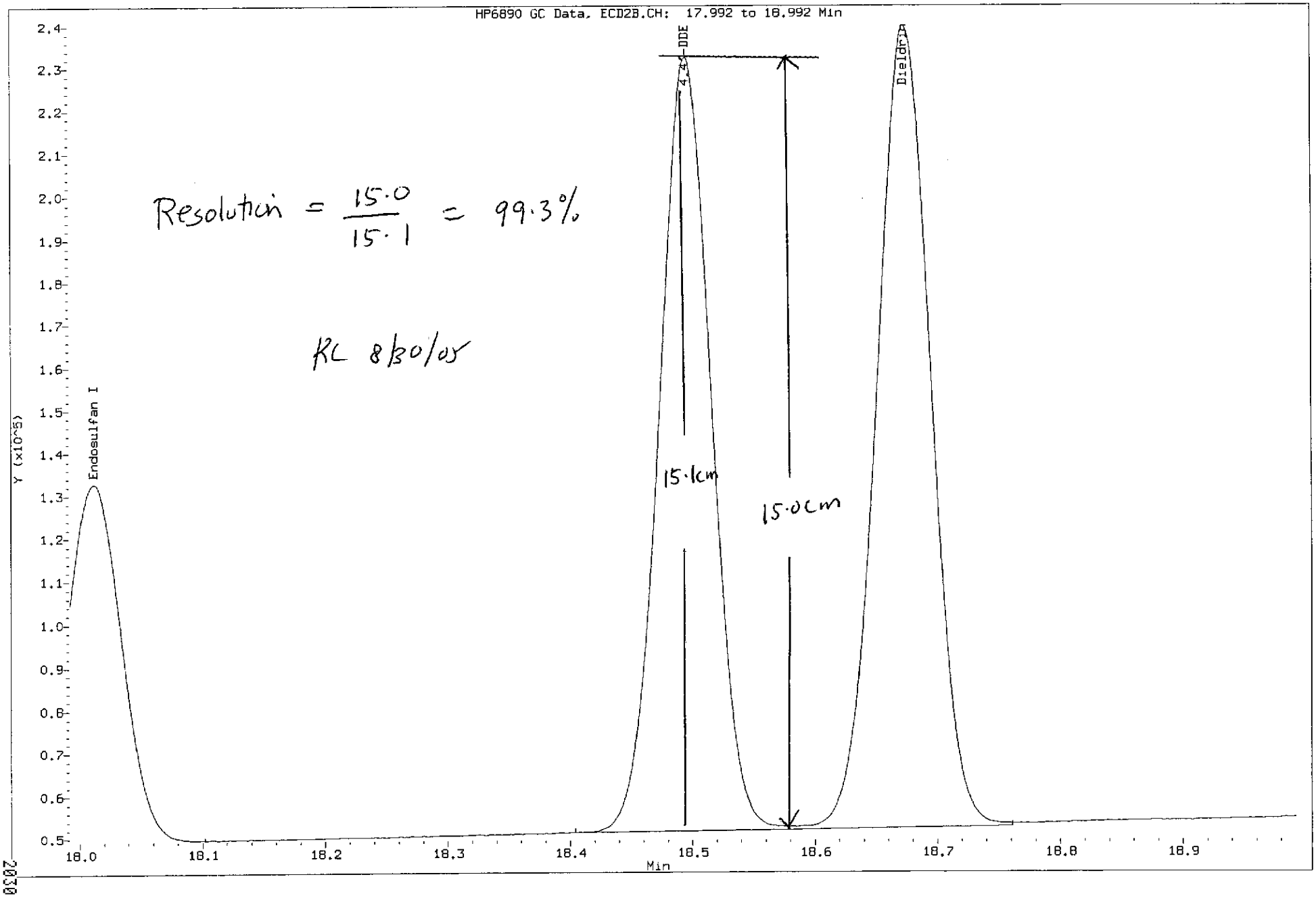
				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
11 gamma-Chlordane						CAS #: 5103-74-2	
14.1	14.1	0.000	378387	0.00955	0.095		
10 Endosulfan I						CAS #: 959-98-8	
14.9	14.9	0.000	365175	0.00931	0.093		
13 4,4'-DDE						CAS #: 72-55-9	
15.2	15.2	0.000	713568	0.01933	0.19		
14 Dieldrin						CAS #: 60-57-1	
16.1	16.1	0.000	763911	0.01880	0.19		

Data File: E5C2091F.D
Report Date: 30-Aug-2005 11:30

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
20 Endosulfan sulfate						CAS #: 1031-07-8	
19.5	19.5	0.000	705918	0.01890	0.19		
22 Endrin ketone						CAS #: 53494-70-5	
20.1	20.1	0.000	777432	0.01905	0.19		
21 Methoxychlor						CAS #: 72-43-5	
19.3	19.3	0.000	1872361	0.09857	0.99		
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
6.29	6.27	0.020	378081	0.01957	0.20		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
22.3	22.3	0.000	687521	0.01943	0.19		

KL
8/30/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2091R.D
Injection Date: 28-AUG-2005 09:58
Instrument: E5.i
Client Sample ID: RESCZ1



Resolution = $\frac{15.0}{15.1}$ = 99.3%

KL 8/30/05

Data File: E5C2091R.D
Report Date: 30-Aug-2005 11:32

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2091R.D
Lab Smp Id: RESCZ1 Client Smp ID: RESCZ1
Inj Date : 28-AUG-2005 09:58
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : RESCZ1,RESCZ1,,resc.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 09:03 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 1 QC Sample: RESOLUTION
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: resc.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

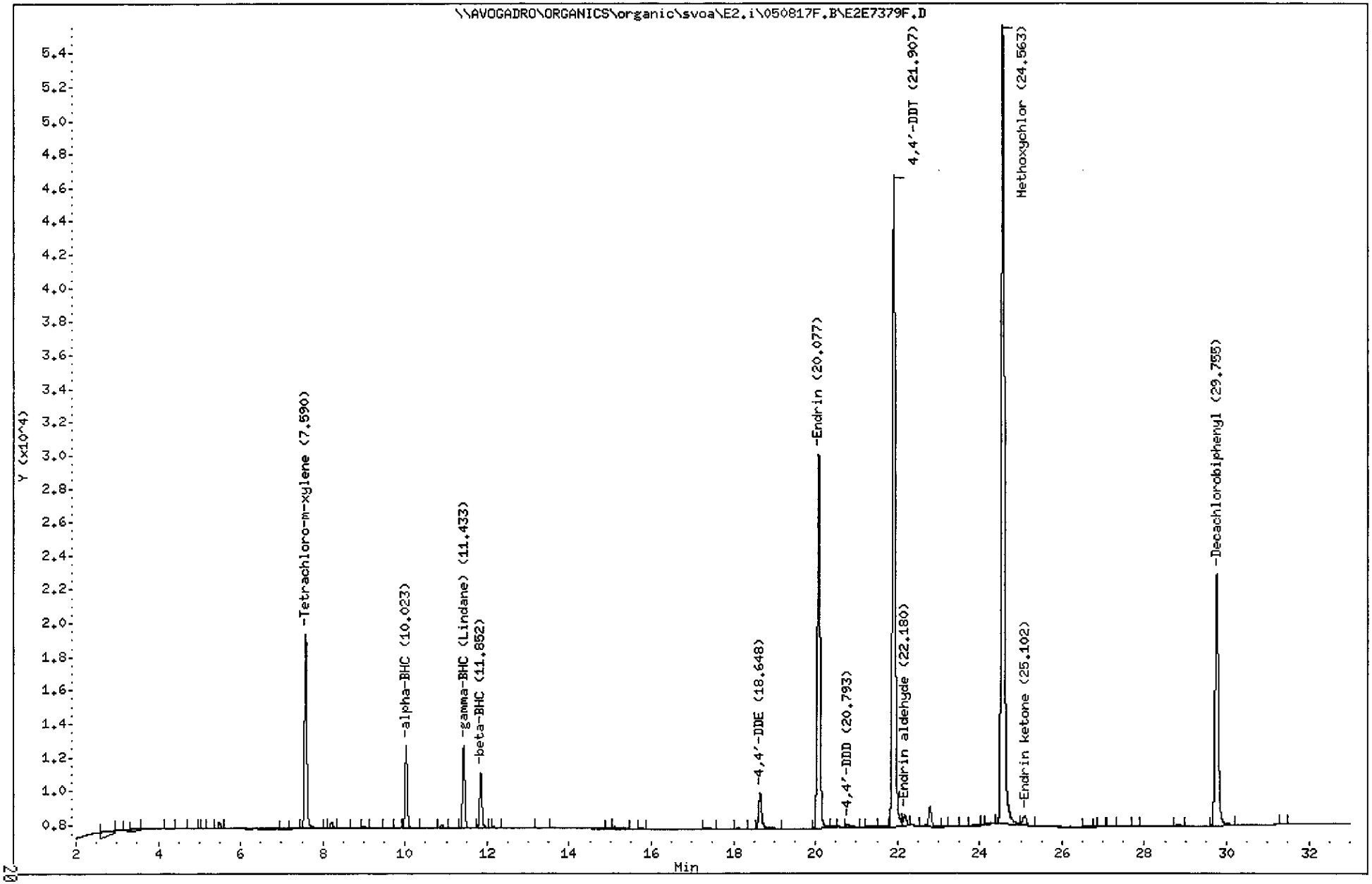
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
12 gamma-Chlordane					CAS #: 5103-74-2		
17.6	17.6	0.000	276500	0.00944	0.094		
11 Endosulfan I					CAS #: 959-98-8		
18.0	18.0	0.000	271389	0.00940	0.094		
14 4,4'-DDE					CAS #: 72-55-9		
18.5	18.5	0.000	534753	0.01932	0.19		
15 Dieldrin					CAS #: 60-57-1		
18.7	18.7	0.000	579944	0.01917	0.19		

Data File: E5C2091R.D
Report Date: 30-Aug-2005 11:32

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
21 Endosulfan sulfate					CAS #: 1031-07-8		
21.2	21.2	0.000	489246	0.01908	0.19		
23 Endrin ketone					CAS #: 53494-70-5		
22.2	22.2	0.000	563992	0.01952	0.20		
22 Methoxychlor					CAS #: 72-43-5		
22.0	22.0	0.000	1304224	0.09741	0.97		
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.45	8.45	0.000	458278	0.01951	0.20		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.8	24.8	0.000	445862	0.01842	0.18		

KC
8/30/05

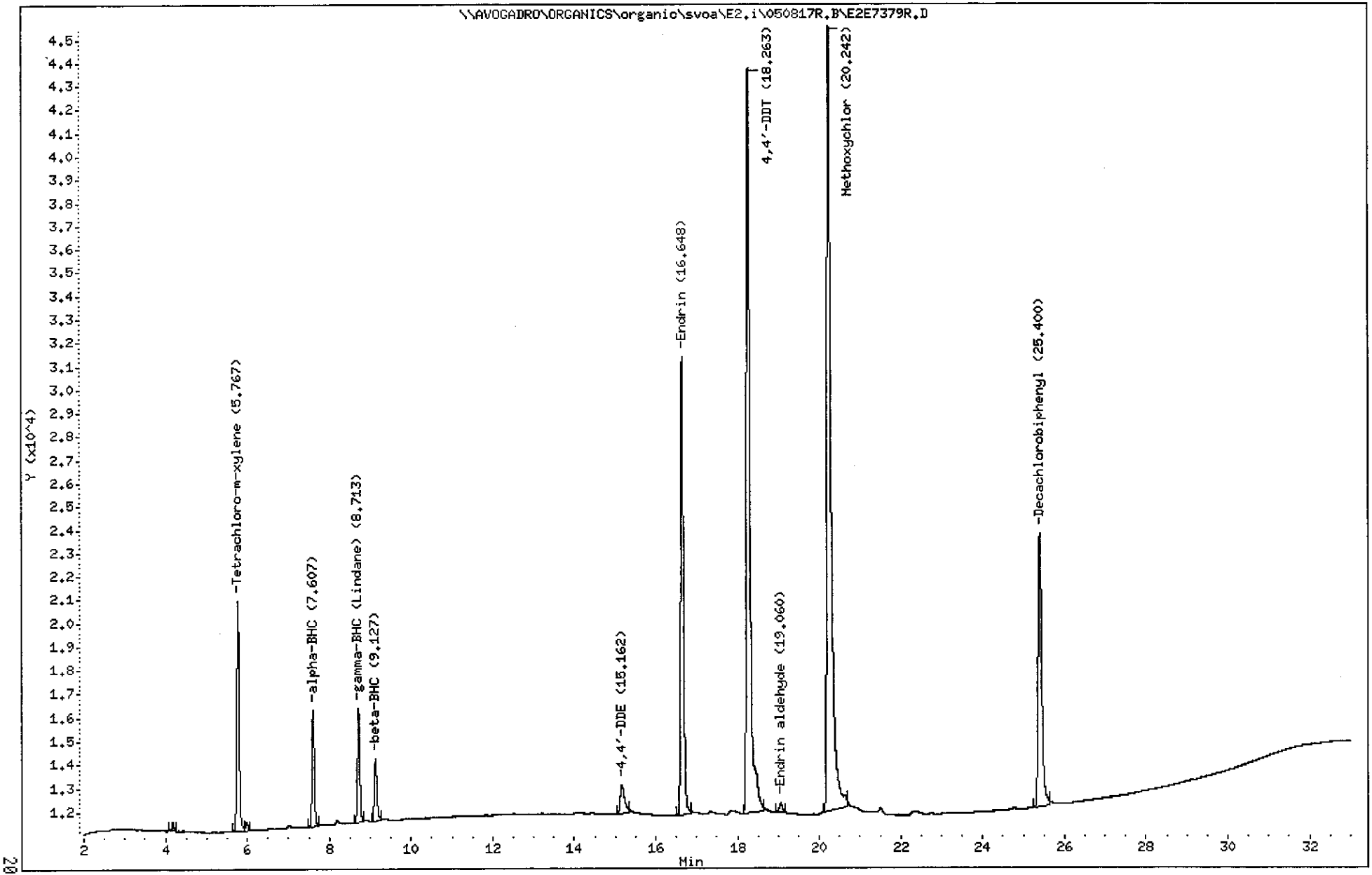
Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7379F.D
Date : 17-AUG-2005 20:24
Client ID: PEME1
Instrument: E2.i
Sample Info: PEME1,PEME1,,pem.sub,pem.spk
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



2333

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7379R.D
Date : 17-AUG-2005 20:24
Client ID: PEME1
Sample Info: PEME1,PEME1,,pem.sub,pem.spk
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



2034

Data File: E2E7379F.D
Report Date: 18-Aug-2005 18:21

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7379F.D
Lab Smp Id: PEME1 Client Smp ID: PEME1
Inj Date : 17-AUG-2005 20:24
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PEME1,PEME1,,pem.sub,pem.spk
Misc Info : 3,,PEM,1,,1000
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\clp-1262e4f.m
Meth Date : 18-Aug-2005 18:21 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 2 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.59	7.59	0.000	45172	0.01991	0.020		
3 alpha-BHC					CAS #: 319-84-6		
10.0	10.0	0.000	18082	0.00867	0.0087		
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
11.4	11.4	0.000	18708	0.00895	0.0089		
7 beta-BHC					CAS #: 319-85-7		
11.9	11.9	0.000	13374	0.00977	0.0098		

SZ 08/19/05

Data File: E2E7379F.D
Report Date: 18-Aug-2005 18:21

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
13 4,4'-DDE						CAS #: 72-55-9		
18.6	18.6	0.000	11037	0.00494	0.0049			(a)
15 Endrin						CAS #: 72-20-8		
20.1	20.1	0.000	101695	0.05658	0.057			
16 4,4'-DDD						CAS #: 72-54-8		
20.8	20.8	0.000	1198	<0.0	0.00080			(a)
18 4,4'-DDT						CAS #: 50-29-3		
21.9	21.9	0.000	181652	0.10412	0.10			
19 Endrin aldehyde						CAS #: 7421-93-4		
22.2	22.2	0.000	3411	0.00193	0.0019			(a)
21 Methoxychlor						CAS #: 72-43-5		
24.6	24.6	0.000	247682	0.23880	0.24			
22 Endrin ketone						CAS #: 53494-70-5		
25.1	25.1	0.000	3448	0.00215	0.0021			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
29.8	29.8	0.000	79564	0.02046	0.020			

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: E2E7379R.D
Report Date: 18-Aug-2005 18:22

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7379R.D
Lab Smp Id: PEME1 Client Smp ID: PEME1
Inj Date : 17-AUG-2005 20:24
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PEME1,PEME1,,pem.sub,pem.spk
Misc Info : 3,,PEM,1,,1000
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\clp1262-e2r.m
Meth Date : 18-Aug-2005 17:16 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 2 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.77	5.77	0.000	39891	0.01983	0.020		
3 alpha-BHC						CAS #: 319-84-6	
7.61	7.61	0.000	18767	0.00879	0.0088		
4 gamma-BHC (Lindane)						CAS #: 58-89-9	
8.71	8.71	0.000	19038	0.00898	0.0090		
7 beta-BHC						CAS #: 319-85-7	
9.13	9.13	0.000	11854	0.00899	0.0090		

SZ 08/19/05

Data File: E2E7379R.D
Report Date: 18-Aug-2005 18:22

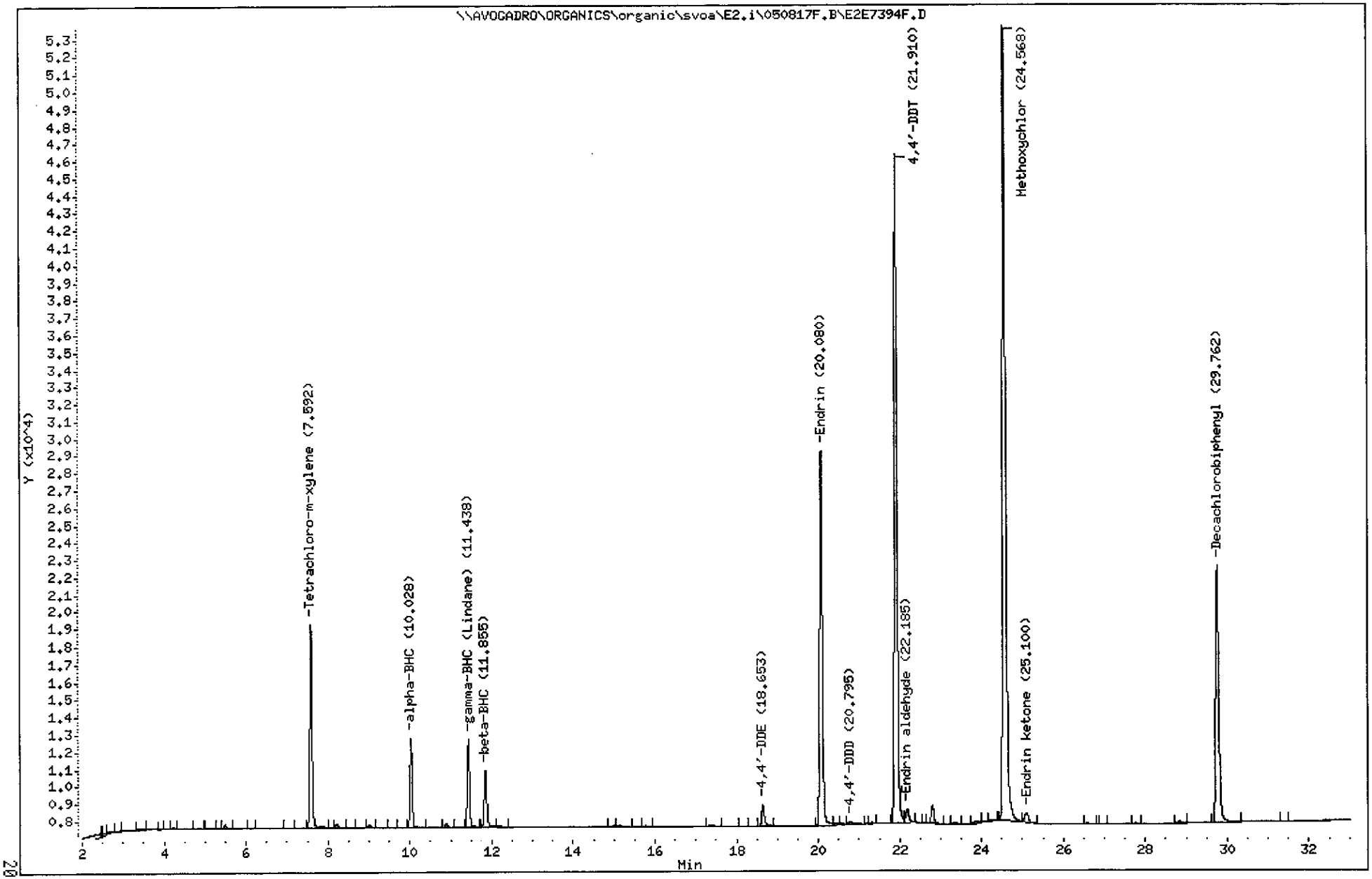
				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
13 4,4'-DDE						CAS #: 72-55-9	
15.2	15.1	0.100	9031	0.00410	0.0041		(a)
15 Endrin						CAS #: 72-20-8	
16.6	16.7	-0.100	93658	0.05478	0.055		
18 4,4'-DDT						CAS #: 50-29-3	
18.3	18.3	0.000	186640	0.10940	0.11		
19 Endrin aldehyde						CAS #: 7421-93-4	
19.1	19.1	0.000	2110	0.00121	0.0012		(a)
21 Methoxychlor						CAS #: 72-43-5	
20.2	20.2	0.000	234854	0.24328	0.24		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	71851	0.01987	0.020		

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7394F.D
Date : 18-AUG-2005 05:28
Client ID: PEME2
Sample Info: PEME2,PEME2,,pem.sub,pem.spk
Volume Injected (uL): 1.0
Column phase: CLPPest

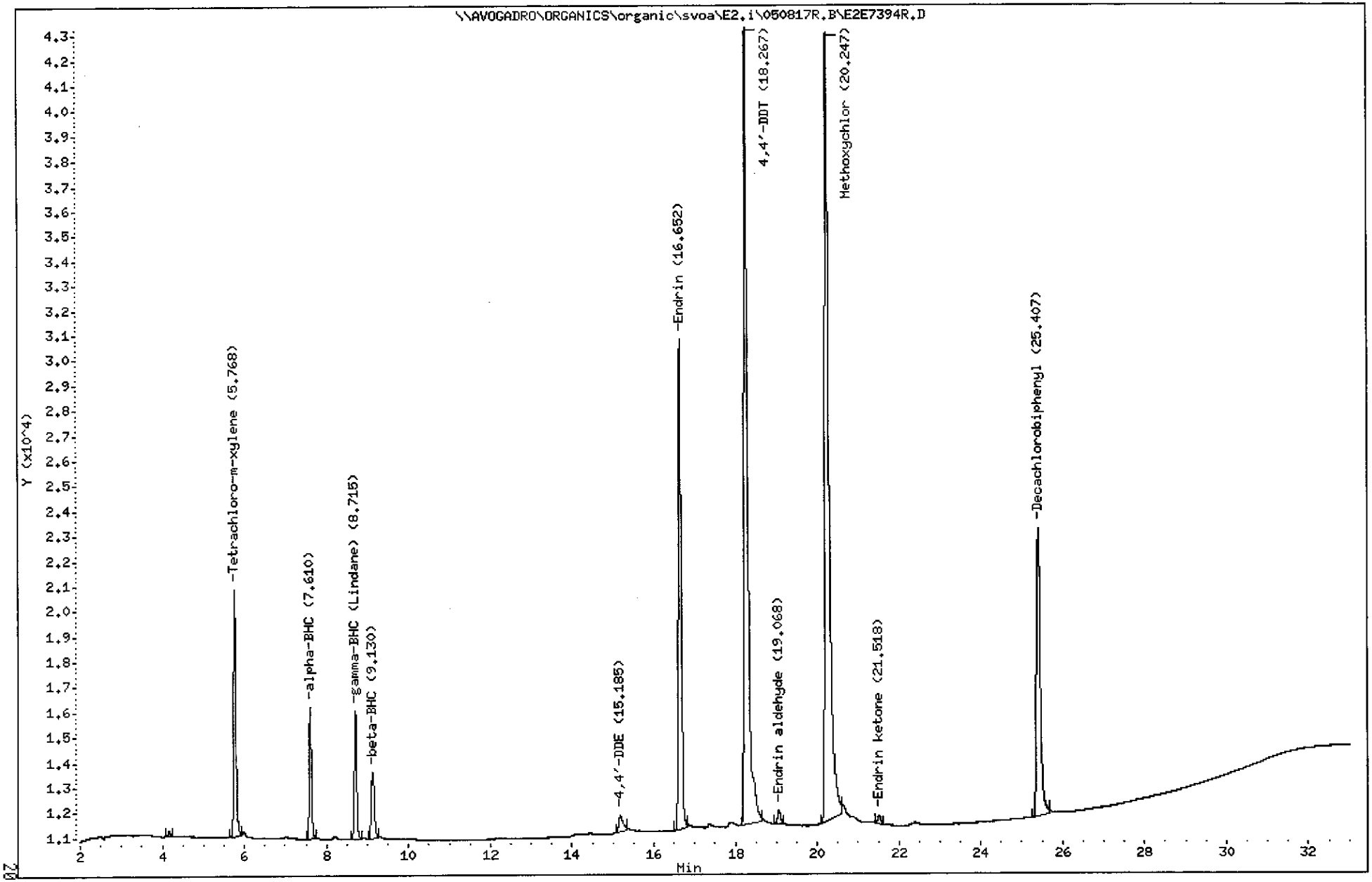
Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



2039

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7394R.D
Date : 18-AUG-2005 05:28
Client ID: PEME2
Sample Info: PEME2,PEME2,,pem.sub,pem.spk
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



2040

Data File: E2E7394F.D
Report Date: 18-Aug-2005 18:22

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7394F.D
Lab Smp Id: PEME2 Client Smp ID: PEME2
Inj Date : 18-AUG-2005 05:28
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PEME2,PEME2,,pem.sub,pem.spk
Misc Info : 3,,PEM,1,,1000,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\clp-1262e4f.m
Meth Date : 18-Aug-2005 18:21 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 16 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.59	7.59	0.000	45087	0.01987	0.020		
3 alpha-BHC						CAS #: 319-84-6	
10.0	10.0	0.000	18821	0.00902	0.0090		
4 gamma-BHC (Lindane)						CAS #: 58-89-9	
11.4	11.4	0.000	19416	0.00929	0.0093		
7 beta-BHC						CAS #: 319-85-7	
11.9	11.9	0.000	13416	0.00980	0.0098		

SZ 8/19/05

Data File: E2E7394F.D
Report Date: 18-Aug-2005 18:22

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
**	======	========	========	=======	=======	==========	=====
13 4,4'-DDE						CAS #: 72-55-9	
18.7	18.6	0.100	6242	0.00280	0.0028		(a)
15 Endrin						CAS #: 72-20-8	
20.1	20.1	0.000	98914	0.05503	0.055		
16 4,4'-DDD						CAS #: 72-54-8	
20.8	20.8	0.000	1940	0.00129	0.0013		(a)
18 4,4'-DDT						CAS #: 50-29-3	
21.9	21.9	0.000	180149	0.10326	0.10		
19 Endrin aldehyde						CAS #: 7421-93-4	
22.2	22.2	0.000	4594	0.00260	0.0026		(a)
21 Methoxychlor						CAS #: 72-43-5	
24.6	24.6	0.000	235123	0.22670	0.23		
22 Endrin ketone						CAS #: 53494-70-5	
25.1	25.1	0.000	3613	0.00225	0.0022		(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	79777	0.02051	0.021		

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: E2E7394R.D
Report Date: 18-Aug-2005 18:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7394R.D
Lab Smp Id: PEME2 Client Smp ID: PEME2
Inj Date : 18-AUG-2005 05:28
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PEME2,PEME2,,pem.sub,pem.spk
Misc Info : 3,,PEM,1,,1000,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\clp1262-e2r.m
Meth Date : 18-Aug-2005 17:16 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 16 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1	Tetrachloro-m-xylene						CAS #: 877-09-8	
	5.77	5.77	0.000	39405	0.01959	0.020		
3	alpha-BHC						CAS #: 319-84-6	
	7.61	7.61	0.000	19781	0.00927	0.0093		
4	gamma-BHC (Lindane)						CAS #: 58-89-9	
	8.72	8.71	0.010	20022	0.00944	0.0094		
7	beta-BHC						CAS #: 319-85-7	
	9.13	9.13	0.000	11870	0.00900	0.0090		

SZ 08/19/05

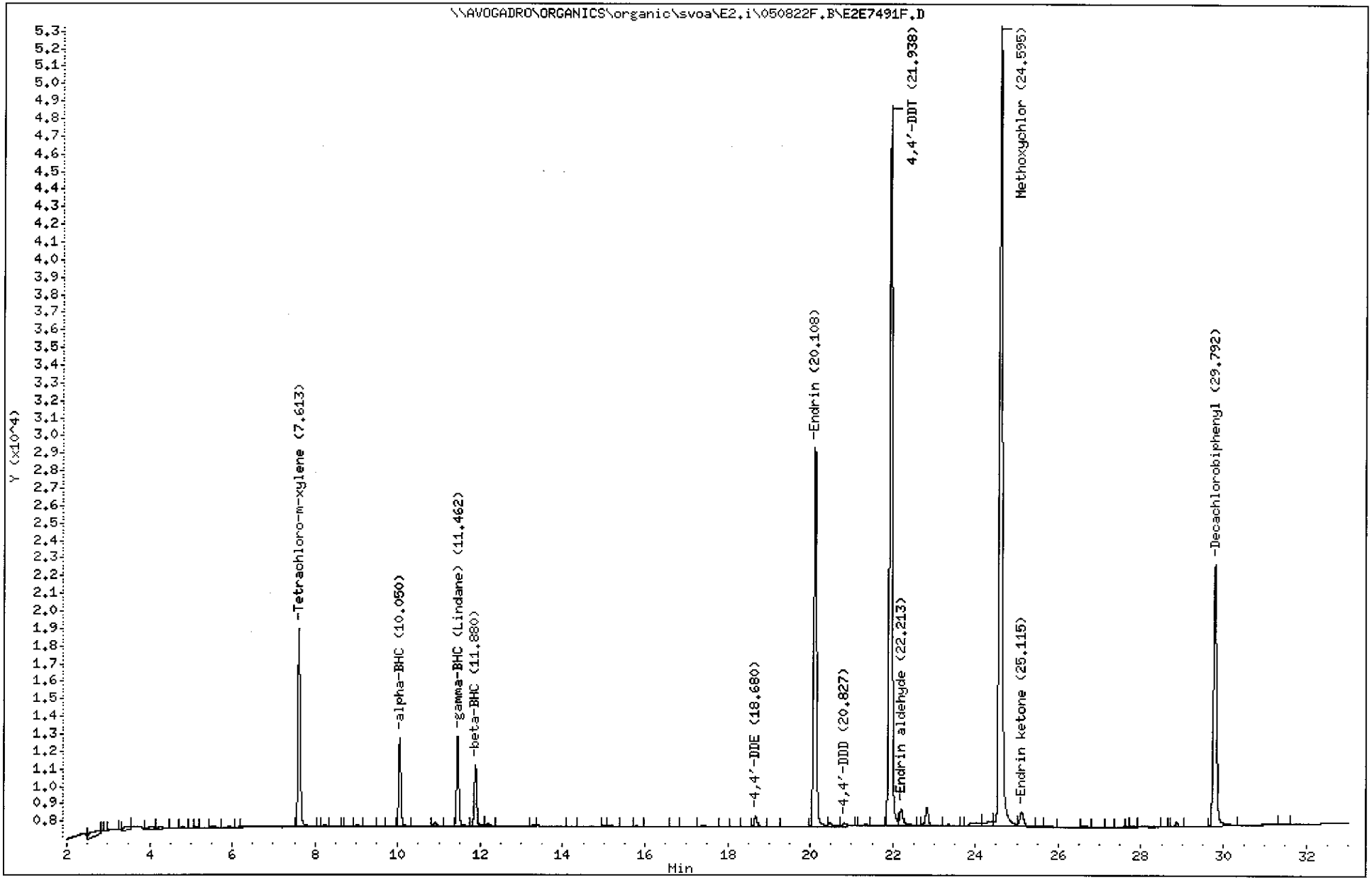
Data File: E2E7394R.D
Report Date: 18-Aug-2005 18:23

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
13 4,4'-DDE						CAS #: 72-55-9		
15.2	15.1	0.100	5029	0.00228	0.0023			(a)
15 Endrin						CAS #: 72-20-8		
16.7	16.7	0.000	93463	0.05466	0.055			
18 4,4'-DDT						CAS #: 50-29-3		
18.3	18.3	0.000	189157	0.11087	0.11			
19 Endrin aldehyde						CAS #: 7421-93-4		
19.1	19.1	0.000	2928	0.00169	0.0017			(a)
21 Methoxychlor						CAS #: 72-43-5		
20.2	20.2	0.000	222404	0.23038	0.23			
22 Endrin ketone						CAS #: 53494-70-5		
21.5	21.5	0.000	1857	0.00117	0.0012			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
25.4	25.4	0.000	72702	0.02011	0.020			

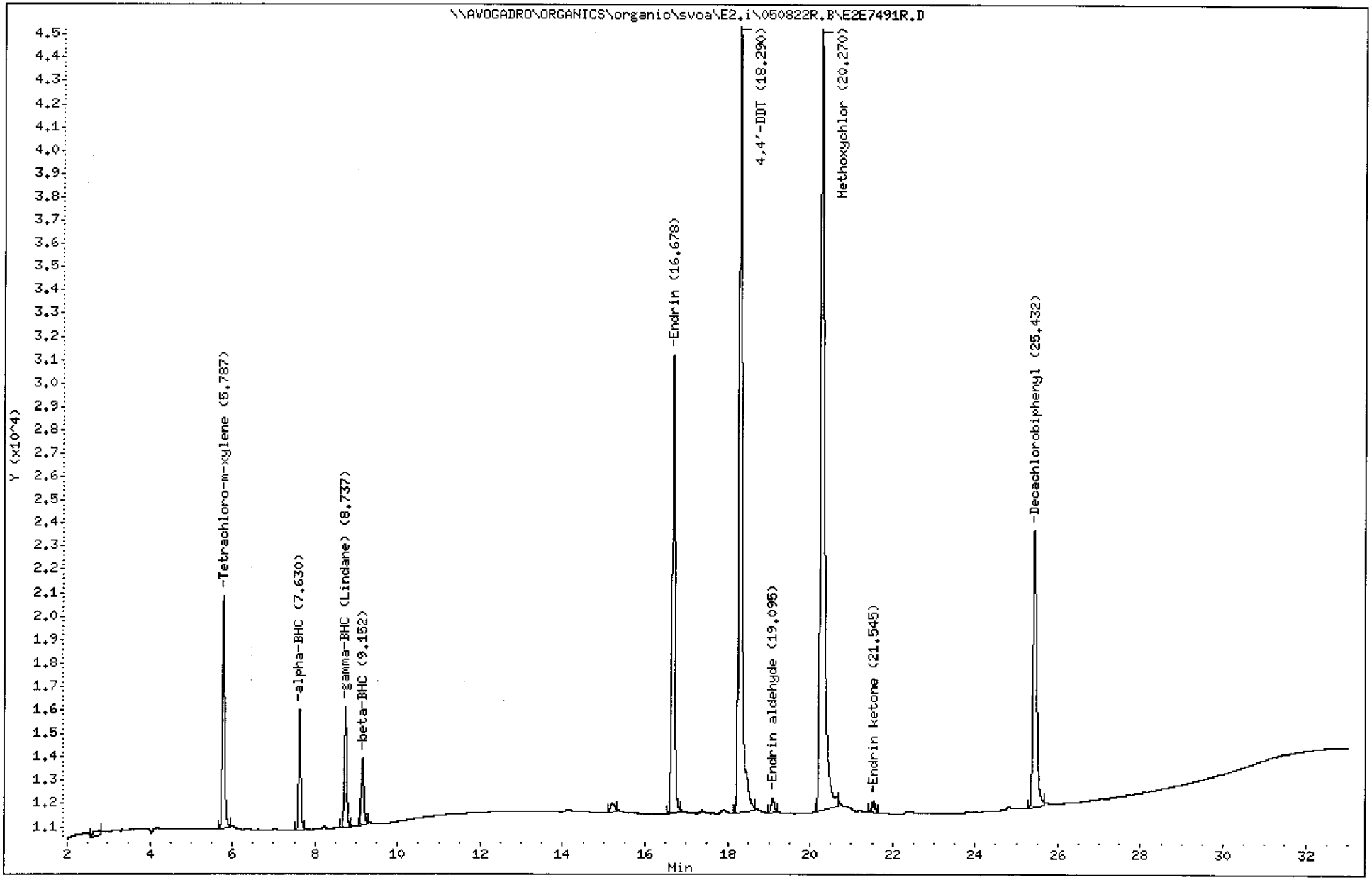
QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050822F.B\E2E7491F.D
Date : 23-AUG-2005 09:49
Client ID: PEMEJ
Instrument: E2.i
Sample Info: PEMEJ,PEMEJ,,pem.sub,pem.spk
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050822R.B\E2E7491R.D
Date : 23-AUG-2005 09:49
Client ID: PEMEJ
Instrument: E2.i
Sample Info: PEMEJ,PEMEJ,,pem.sub,pem.spk
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7491F.D
Report Date: 30-Aug-2005 14:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050822F.B\E2E7491F.D
Lab Smp Id: PEMEJ Client Smp ID: PEMEJ
Inj Date : 23-AUG-2005 09:49
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PEMEJ,PEMEJ,,pem.sub,pem.spk
Misc Info : 3,,PEM,1,,1000,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050822F.B\clp-1262e4f.m
Meth Date : 23-Aug-2005 11:28 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.61	7.59	0.020	44163	0.01946	0.019		
3 alpha-BHC						CAS #: 319-84-6	
10.1	10.0	0.100	18655	0.00895	0.0089		
4 gamma-BHC (Lindane)						CAS #: 58-89-9	
11.5	11.4	0.100	19789	0.00946	0.0095		
7 beta-BHC						CAS #: 319-85-7	
11.9	11.9	0.000	14713	0.01075	0.011		

Data File: E2E7491F.D
Report Date: 30-Aug-2005 14:23

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO	
13 4,4'-DDE						CAS #: 72-55-9		
18.7	18.6	0.100	3343	0.00150	0.0015			(a)
15 Endrin						CAS #: 72-20-8		
20.1	20.1	0.000	99944	0.05560	0.056			
16 4,4'-DDD						CAS #: 72-54-8		
20.8	20.8	0.000	1596	0.00106	0.0011			(a)
18 4,4'-DDT						CAS #: 50-29-3		
21.9	21.9	0.000	190522	0.10921	0.11			
19 Endrin aldehyde						CAS #: 7421-93-4		
22.2	22.2	0.000	6060	0.00343	0.0034			(a)
21 Methoxychlor						CAS #: 72-43-5		
24.6	24.6	0.000	236151	0.22769	0.23			
22 Endrin ketone						CAS #: 53494-70-5		
25.1	25.1	0.000	5782	0.00360	0.0036			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
29.8	29.8	0.000	79327	0.02040	0.020			

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KL
8/30/05

Data File: E2E7491R.D
Report Date: 30-Aug-2005 14:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050822R.B\E2E7491R.D
Lab Smp Id: PEMEJ Client Smp ID: PEMEJ
Inj Date : 23-AUG-2005 09:49
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PEMEJ,PEMEJ,,pem.sub,pem.spk
Misc Info : 3,,PEM,1,,1000,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050822R.B\clp1262-e2r.m
Meth Date : 23-Aug-2005 08:57 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.79	5.77	0.020	39787	0.01978	0.020		
3 alpha-BHC					CAS #: 319-84-6		
7.63	7.61	0.020	19545	0.00916	0.0092		
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
8.74	8.71	0.030	20365	0.00961	0.0096		
7 beta-BHC					CAS #: 319-85-7		
9.15	9.13	0.020	12930	0.00981	0.0098		
15 Endrin					CAS #: 72-20-8		
16.7	16.7	0.000	93343	0.05459	0.055		

Data File: E2E7491R.D
Report Date: 30-Aug-2005 14:23

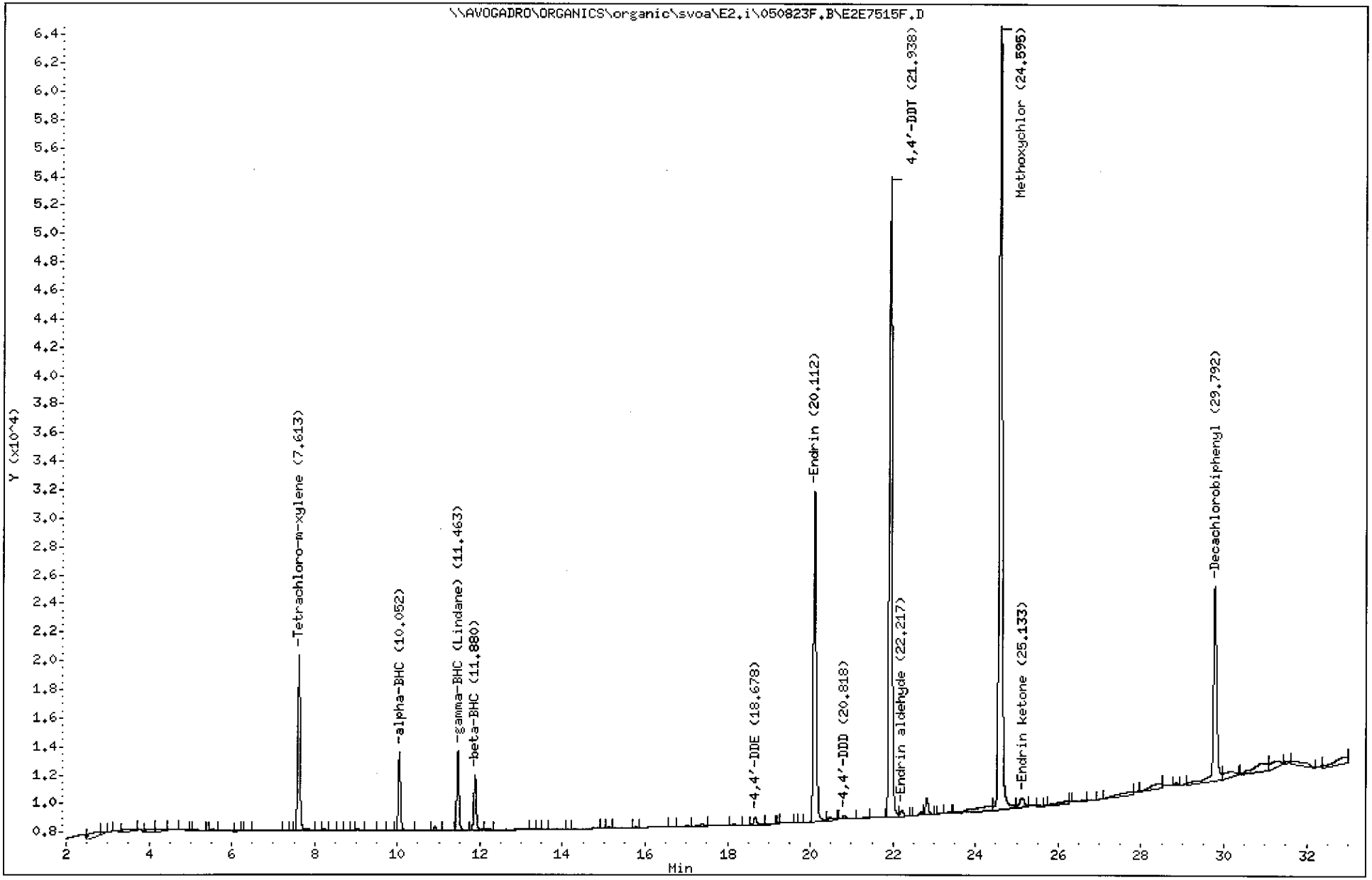
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO	
18 4,4'-DDT					CAS #: 50-29-3			
18.3	18.3	0.000	194844	0.11420	0.11			
19 Endrin aldehyde					CAS #: 7421-93-4			
19.1	19.1	0.000	3312	0.00191	0.0019			(a)
21 Methoxychlor					CAS #: 72-43-5			
20.3	20.2	0.100	228223	0.23641	0.24			
22 Endrin ketone					CAS #: 53494-70-5			
21.5	21.5	0.000	2422	0.00153	0.0015			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
25.4	25.4	0.000	71793	0.01985	0.020			

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

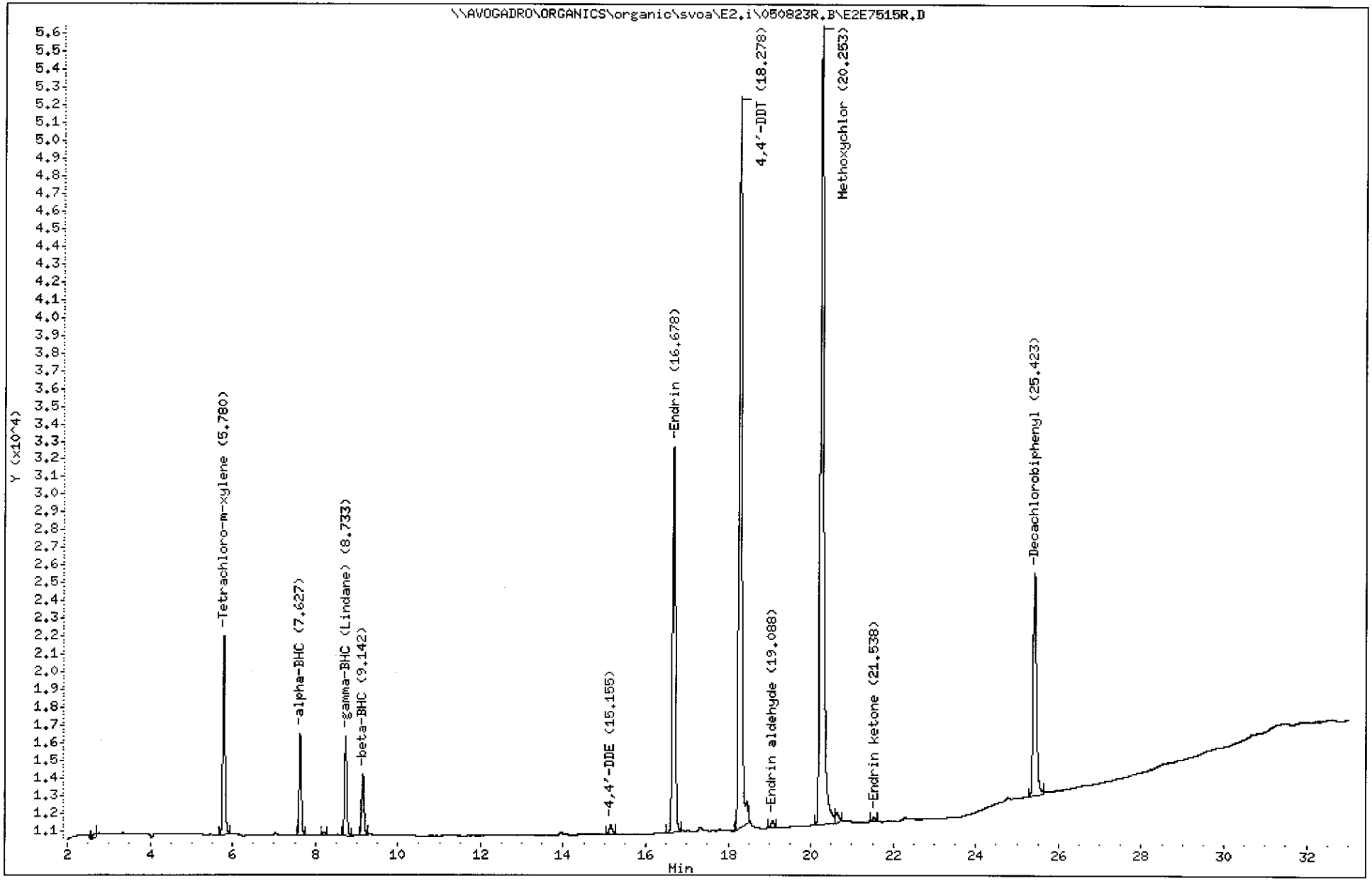
KC
8/30/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7515F.D
Date : 24-AUG-2005 01:35
Client ID: ~~PEMEJ~~ PEM DT KL 8/31/05
Instrument: E2.i
Sample Info: ~~PEMEJ,PEMEJ~~,pem,sub,pem,spk
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



2051

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7515R.D
Date : 24-AUG-2005 01:35
Client ID: ~~PEHE3~~ PEMDK KC 8/31/05
Instrument: E2.i
Sample Info: ~~PEHE3,PEME1~~ pem.sub,pem.spk
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



2052

Data File: E2E7515F.D
Report Date: 30-Aug-2005 13:38

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7515F.D
Lab Smp Id: ~~PEMEJ~~ Client Smp ID: ~~PEMEJ~~
Inj Date : 24-AUG-2005 01:35
Operator : SZ SRC: SZ Inst ID: E2.i PEMDK KC 8/6/W
Smp Info : ~~PEMEJ,PEMEJ~~,,pem.sub,pem.spk
Misc Info : 3,,PEM,1,,1000,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 13:27 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.61	7.59	0.020	46873	0.02066	0.021		
3 alpha-BHC					CAS #: 319-84-6		
10.1	10.0	0.100	20026	0.00960	0.0096		
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
11.5	11.4	0.100	21498	0.01028	0.010		
7 beta-BHC					CAS #: 319-85-7		
11.9	11.9	0.000	15700	0.01147	0.011		

Data File: E2E7515F.D
Report Date: 30-Aug-2005 13:38

			CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	============	=====
13 4,4'-DDE					CAS #: 72-55-9		
18.7	18.6	0.100	2751	0.00123	0.0012		(a)
15 Endrin					CAS #: 72-20-8		
20.1	20.1	0.000	106620	0.05932	0.059		
16 4,4'-DDD					CAS #: 72-54-8		
20.8	20.8	0.000	1597	0.00106	0.0011		(a)
18 4,4'-DDT					CAS #: 50-29-3		
21.9	21.9	0.000	205971	0.11806	0.12		
19 Endrin aldehyde					CAS #: 7421-93-4		
22.2	22.2	0.000	2926	0.00166	0.0017		(a)
21 Methoxychlor					CAS #: 72-43-5		
24.6	24.6	0.000	280656	0.27060	0.27		
22 Endrin ketone					CAS #: 53494-70-5		
25.1	25.1	0.000	4646	0.00289	0.0029		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	78609	0.02021	0.020		

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC
8/30/05

Data File: E2E7515R.D
Report Date: 30-Aug-2005 13:40

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7515R.D
Lab Smp Id: ~~PEMEJ~~ Client Smp ID: ~~PEMEJ~~
Inj Date : 24-AUG-2005 01:35
Operator : SZ SRC: SZ Inst ID: E2.i PEMDK 8/34/4 K
Smp Info : ~~PEMEJ,PEMEJ,,pe~~m.sub,pem.spk
Misc Info : 3,,PEM,1,,1000,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\clp1262-e2r.m
Meth Date : 24-Aug-2005 09:30 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.78	5.77	0.010	41778	0.02077	0.021		
3 alpha-BHC					CAS #: 319-84-6		
7.63	7.61	0.020	20703	0.00970	0.0097		
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
8.73	8.71	0.020	21496	0.01014	0.010		
7 beta-BHC					CAS #: 319-85-7		
9.14	9.13	0.010	14136	0.01072	0.011		

Data File: E2E7515R.D
Report Date: 30-Aug-2005 13:40

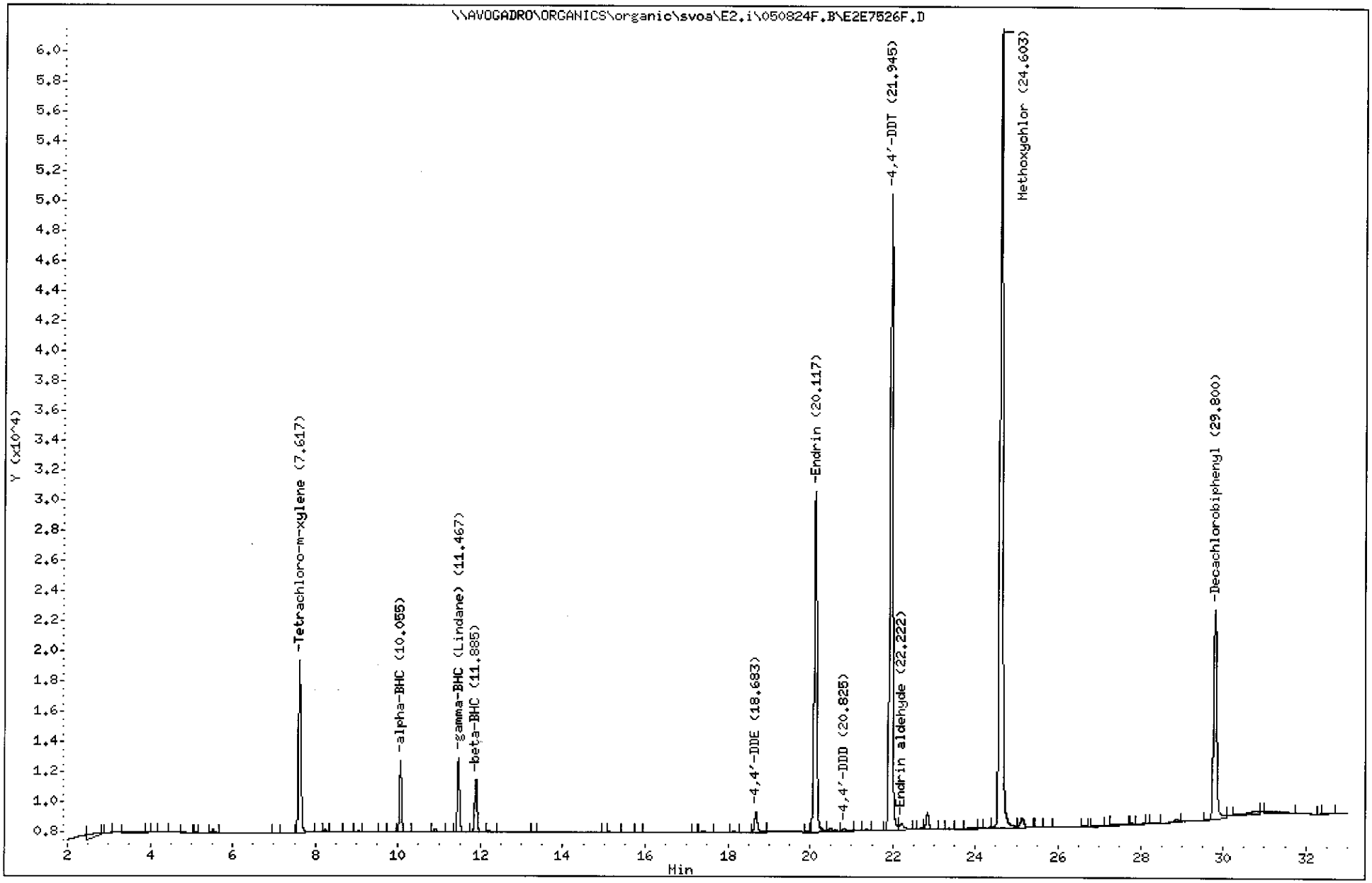
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
13 4,4'-DDE					CAS #: 72-55-9		
15.2	15.1	0.100	2813	0.00128	0.0013		(a)
15 Endrin					CAS #: 72-20-8		
16.7	16.7	0.000	102146	0.05974	0.060		
18 4,4'-DDT					CAS #: 50-29-3		
18.3	18.3	0.000	211620	0.12404	0.12		
19 Endrin aldehyde					CAS #: 7421-93-4		
19.1	19.1	0.000	1835	0.00106	0.0011		(a)
21 Methoxychlor					CAS #: 72-43-5		
20.3	20.2	0.100	264840	0.27434	0.27		
22 Endrin ketone					CAS #: 53494-70-5		
21.5	21.5	0.000	1177	<0.0	0.00074		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
25.4	25.4	0.000	70184	0.01941	0.019		

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

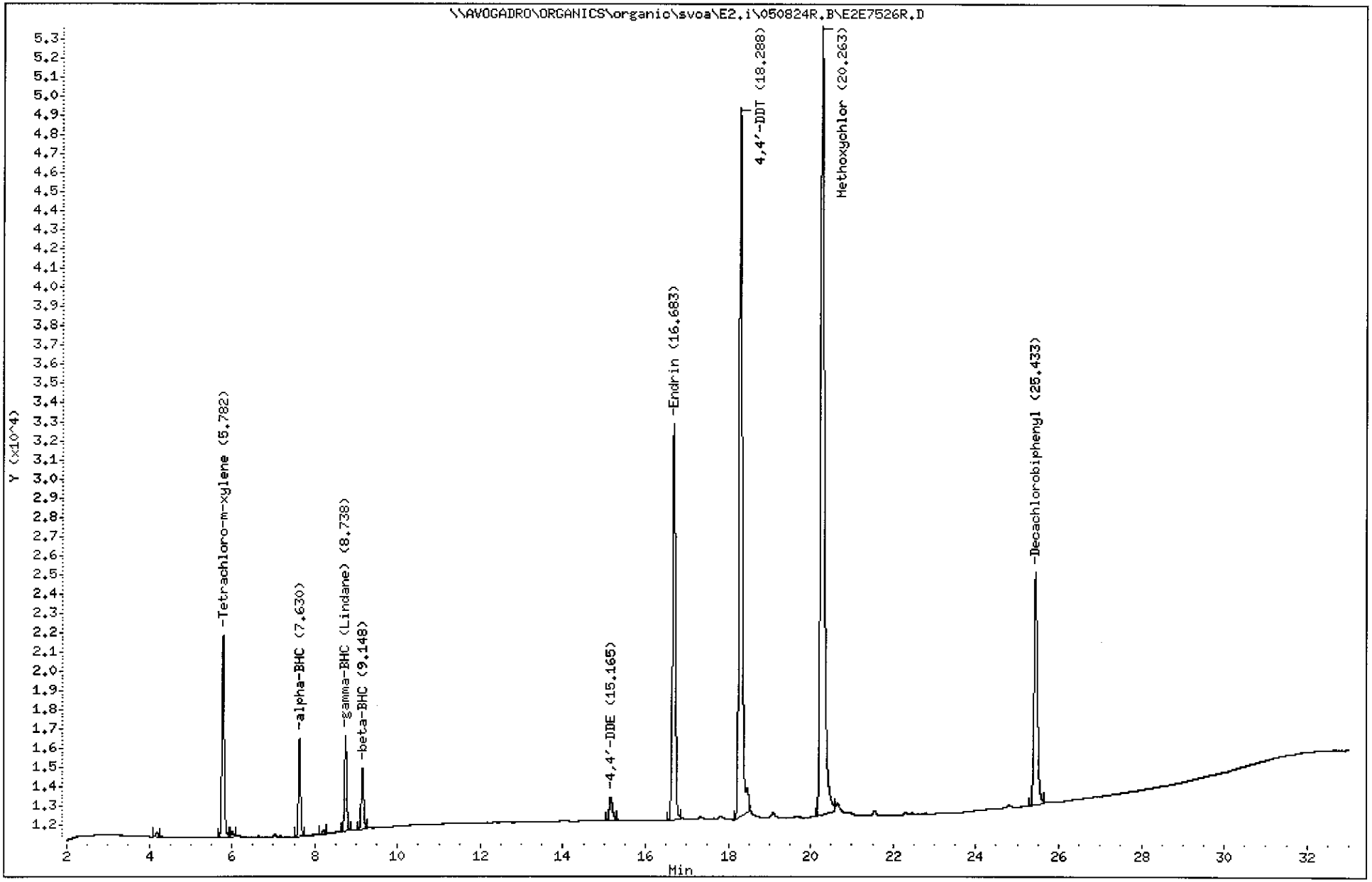
KC
8/30/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7526F.D
Date : 24-AUG-2005 11:13
Client ID: PEMEL
Instrument: E2.i
Sample Info: PEMEL,PEMEL,,pem,sub,pem,spk
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



2057

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7526R.D
Date : 24-AUG-2005 11:13
Client ID: PEMEL
Instrument: E2.i
Sample Info: PEMEL,PEMEL,,pem.sub,pem.spk
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7526F.D
Report Date: 29-Aug-2005 13:49

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7526F.D
Lab Smp Id: PEMEL Client Smp ID: PEMEL
Inj Date : 24-AUG-2005 11:13
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PEMEL,PEMEL,,pem.sub,pem.spk
Misc Info : 3,,PEM,1,,1000,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET10

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.62	7.59	0.030	43443	0.01914	0.019		
3 alpha-BHC						CAS #: 319-84-6	
10.1	10.0	0.100	17446	0.00837	0.0084		
4 gamma-BHC (Lindane)						CAS #: 58-89-9	
11.5	11.4	0.100	18716	0.00895	0.0090		
7 beta-BHC						CAS #: 319-85-7	
11.9	11.9	0.000	14273	0.01043	0.010		

Data File: E2E7526F.D
Report Date: 29-Aug-2005 13:49

				CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
13	4,4'-DDE				CAS #: 72-55-9		
18.7	18.6	0.100	6559	0.00294	0.0029		(a)
15	Endrin				CAS #: 72-20-8		
20.1	20.1	0.000	103691	0.05769	0.058		
16	4,4'-DDD				CAS #: 72-54-8		
20.8	20.8	0.000	1379	<0.0	0.00092		(a)
18	4,4'-DDT				CAS #: 50-29-3		
21.9	21.9	0.000	196989	0.11292	0.11		
19	Endrin aldehyde				CAS #: 7421-93-4		
22.2	22.2	0.000	3230	0.00183	0.0018		(a)
21	Methoxychlor				CAS #: 72-43-5		
24.6	24.6	0.000	272935	0.26315	0.26		
$ 2	Decachlorobiphenyl				CAS #: 2051-24-3		
29.8	29.8	0.000	75128	0.01932	0.019		

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KL 8/30/05

Data File: E2E7526R.D
Report Date: 29-Aug-2005 13:49

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7526R.D
Lab Smp Id: PEMEL Client Smp ID: PEMEL
Inj Date : 24-AUG-2005 11:13
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PEMEL,PEMEL,,pem.sub,pem.spk
Misc Info : 3,,PEM,1,,1000,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.78	5.77	0.010	39431	0.01960	0.020		
3 alpha-BHC						CAS #: 319-84-6	
7.63	7.61	0.020	18464	0.00865	0.0087		
4 gamma-BHC (Lindane)						CAS #: 58-89-9	
8.74	8.71	0.030	19119	0.00902	0.0090		
7 beta-BHC						CAS #: 319-85-7	
9.15	9.13	0.020	13219	0.01003	0.010		
13 4,4'-DDE						CAS #: 72-55-9	
15.2	15.1	0.100	6758	0.00307	0.0031		(a)

Data File: E2E7526R.D
Report Date: 29-Aug-2005 13:49

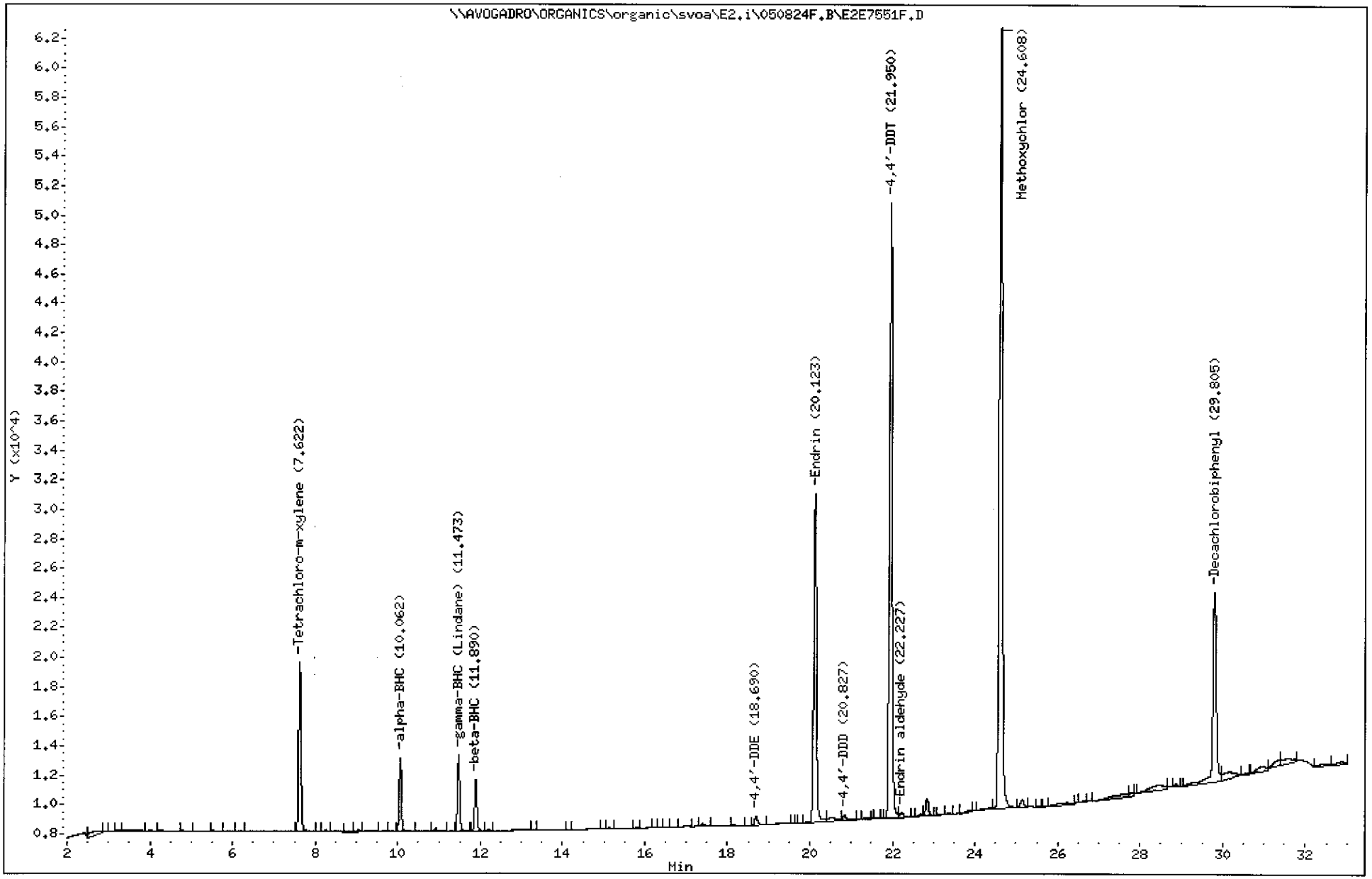
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
15 Endrin					CAS #: 72-20-8		
16.7	16.7	0.000	97800	0.05720	0.057		
18 4,4'-DDT					CAS #: 50-29-3		
18.3	18.3	0.000	194640	0.11408	0.11		
21 Methoxychlor					CAS #: 72-43-5		
20.3	20.2	0.100	253152	0.26223	0.26		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
25.4	25.4	0.000	68969	0.01907	0.019		

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

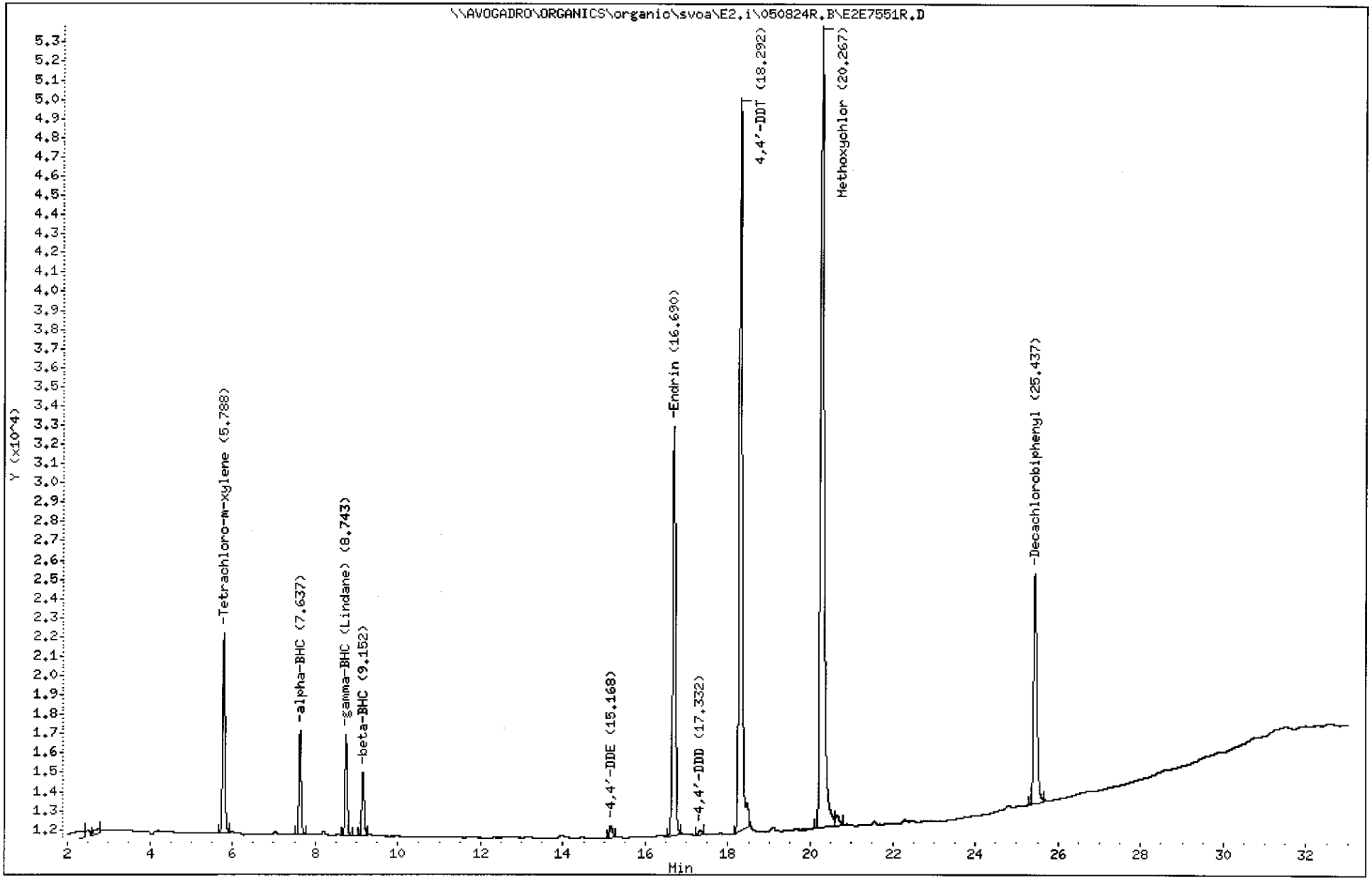
KL
8/30/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7551F.D
Date : 25-AUG-2005 02:30
Client ID: PEMEN
Instrument: E2.i
Sample Info: PEMEN,PEMEN,,pem.sub,pem.spk
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



2063

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7551R.D
Date : 25-AUG-2005 02:30
Client ID: PEMEN
Instrument: E2.i
Sample Info: PEMEN,PEMEN,,pem.sub,pem.spk
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



2064

Data File: E2E7551F.D
Report Date: 29-Aug-2005 16:17

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7551F.D
Lab Smp Id: PEMEN Client Smp ID: PEMEN
Inj Date : 25-AUG-2005 02:30
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PEMEN,PEMEN,,pem.sub,pem.spk
Misc Info : 3,,PEM,1,,1000,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.62	7.59	0.030	44512	0.01962	0.020		
3 alpha-BHC						CAS #: 319-84-6	
10.1	10.0	0.100	18661	0.00895	0.0089		
4 gamma-BHC (Lindane)						CAS #: 58-89-9	
11.5	11.4	0.100	19891	0.00951	0.0095		
7 beta-BHC						CAS #: 319-85-7	
11.9	11.9	0.000	14383	0.01051	0.011		

Data File: E2E7551F.D
Report Date: 29-Aug-2005 16:17

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
13 4,4'-DDE					CAS #: 72-55-9		
18.7	18.6	0.100	3324	0.00149	0.0015		(a)
15 Endrin					CAS #: 72-20-8		
20.1	20.1	0.000	103519	0.05759	0.058		
16 4,4'-DDD					CAS #: 72-54-8		
20.8	20.8	0.000	3301	0.00220	0.0022		(a)
18 4,4'-DDT					CAS #: 50-29-3		
22.0	21.9	0.100	193001	0.11063	0.11		
19 Endrin aldehyde					CAS #: 7421-93-4		
22.2	22.2	0.000	2334	0.00132	0.0013		(a)
21 Methoxychlor					CAS #: 72-43-5		
24.6	24.6	0.000	266876	0.25731	0.26		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	76713	0.01973	0.020		

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KL 8/30/05

Data File: E2E7551R.D
Report Date: 29-Aug-2005 16:18

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7551R.D
Lab Smp Id: PEMEN Client Smp ID: PEMEN
Inj Date : 25-AUG-2005 02:30
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PEMEN,PEMEN,,pem.sub,pem.spk
Misc Info : 3,,PEM,1,,1000,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1	Tetrachloro-m-xylene					CAS #: 877-09-8		
	5.79	5.77	0.020	39602	0.01969	0.020		
3	alpha-BHC					CAS #: 319-84-6		
	7.64	7.61	0.030	19614	0.00919	0.0092		
4	gamma-BHC (Lindane)					CAS #: 58-89-9		
	8.74	8.71	0.030	20323	0.00959	0.0096		
7	beta-BHC					CAS #: 319-85-7		
	9.15	9.13	0.020	13320	0.01010	0.010		

Data File: E2E7551R.D
Report Date: 29-Aug-2005 16:18

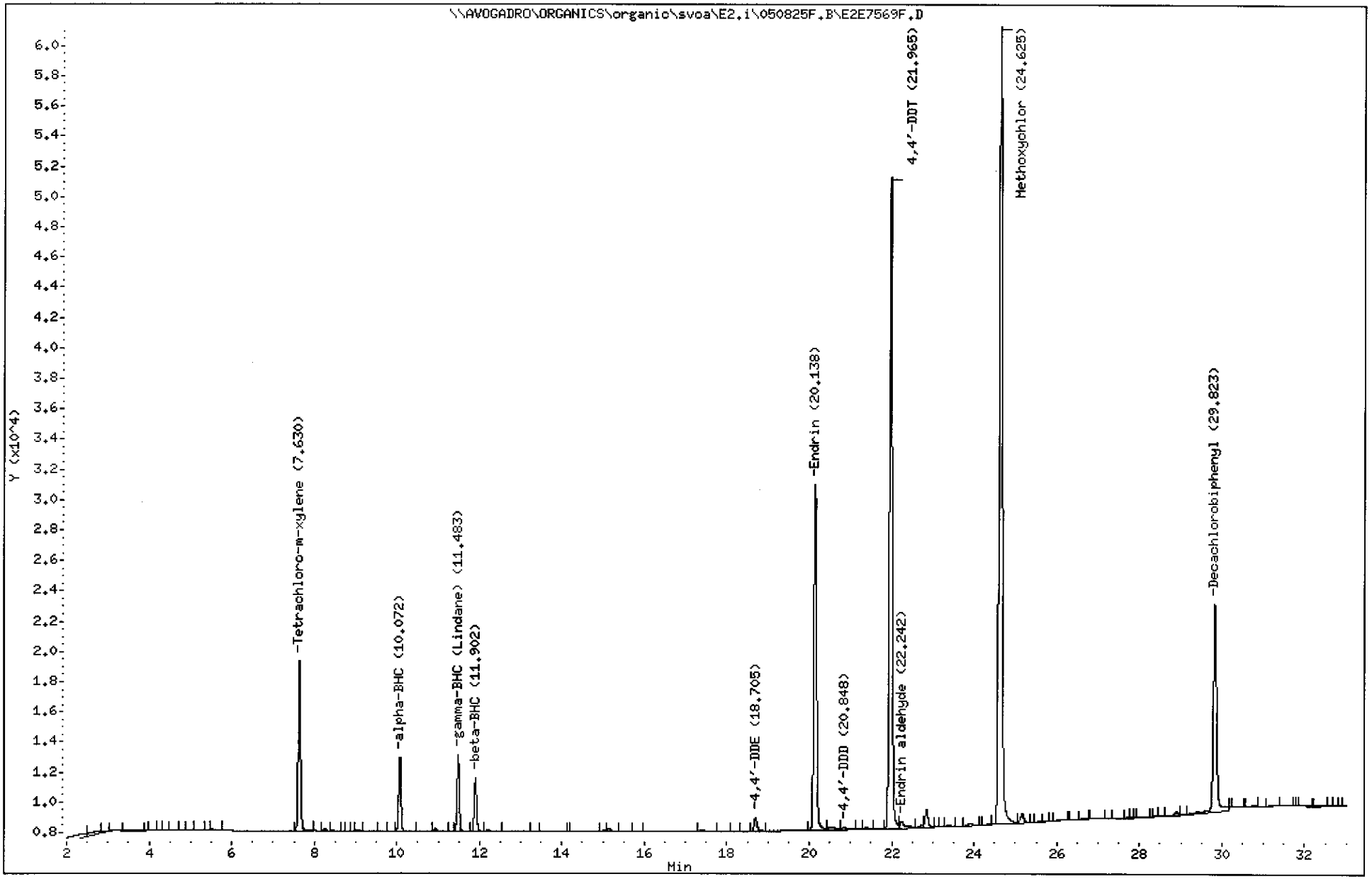
				CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
	13 4,4'-DDE				CAS #: 72-55-9		
15.2	15.1	0.100	3345	0.00152	0.0015		(a)
	15 Endrin				CAS #: 72-20-8		
16.7	16.7	0.000	100386	0.05871	0.059		
	16 4,4'-DDD				CAS #: 72-54-8		
17.3	17.3	0.000	1419	0.00106	0.0011		(a)
	18 4,4'-DDT				CAS #: 50-29-3		
18.3	18.3	0.000	198282	0.11622	0.12		
	21 Methoxychlor				CAS #: 72-43-5		
20.3	20.2	0.100	252383	0.26144	0.26		
$	2 Decachlorobiphenyl				CAS #: 2051-24-3		
25.4	25.4	0.000	67738	0.01873	0.019		

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

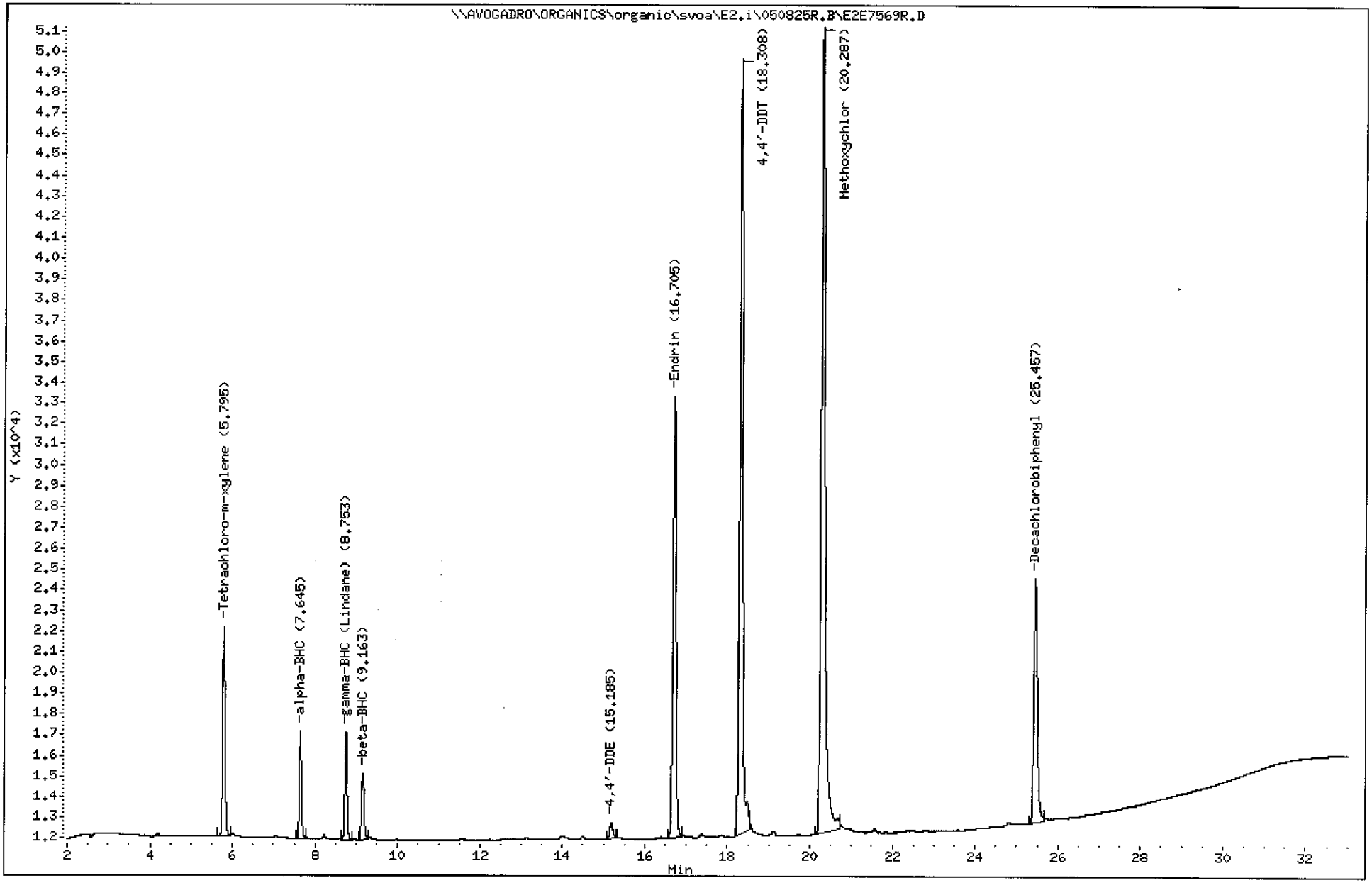
KL
8/31/N

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\E2E7569F.D
Date : 25-AUG-2005 14:39
Client ID: PEMEQ
Instrument: E2.i
Sample Info: PEMEQ,PEMEQ,,pem,sub,pem,spk
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



2069

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\E2E7569R.D
Date : 25-AUG-2005 14:39
Client ID: PEMEQ
Instrument: E2.i
Sample Info: PEMEQ,PEMEQ,,pem.sub,pem.spk
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



2070

Data File: E2E7569F.D
Report Date: 30-Aug-2005 17:31

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\E2E7569F.D
Lab Smp Id: PEMEQ Client Smp ID: PEMEQ
Inj Date : 25-AUG-2005 14:39
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PEMEQ,PEMEQ,,pem.sub,pem.spk
Misc Info : 3,,PEM,1,,1000,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 16:45 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.63	7.59	0.040	43874	0.01933	0.019		
3 alpha-BHC						CAS #: 319-84-6	
10.1	10.0	0.100	18160	0.00871	0.0087		
4 gamma-BHC (Lindane)						CAS #: 58-89-9	
11.5	11.4	0.100	19433	0.00929	0.0093		
7 beta-BHC						CAS #: 319-85-7	
11.9	11.9	0.000	14342	0.01048	0.010		

Data File: E2E7569F.D
Report Date: 30-Aug-2005 17:31

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
13 4,4'-DDE					CAS #: 72-55-9		
18.7	18.6	0.100	4368	0.00196	0.0020		(a)
15 Endrin					CAS #: 72-20-8		
20.1	20.1	0.000	105912	0.05893	0.059		
16 4,4'-DDD					CAS #: 72-54-8		
20.8	20.8	0.000	1627	0.00108	0.0011		(a)
18 4,4'-DDT					CAS #: 50-29-3		
22.0	21.9	0.100	199104	0.11413	0.11		
19 Endrin aldehyde					CAS #: 7421-93-4		
22.2	22.2	0.000	3698	0.00210	0.0021		(a)
21 Methoxychlor					CAS #: 72-43-5		
24.6	24.6	0.000	273980	0.26416	0.26		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	79158	0.02035	0.020		

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC
8/30/05

Data File: E2E7569R.D
Report Date: 30-Aug-2005 17:31

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\E2E7569R.D
Lab Smp Id: PEMEQ Client Smp ID: PEMEQ
Inj Date : 25-AUG-2005 14:39
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PEMEQ,PEMEQ,,pem.sub,pem.spk
Misc Info : 3,,PEM,1,,1000,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 18:25 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.80	5.77	0.030	39682	0.01973	0.020		
3 alpha-BHC						CAS #: 319-84-6	
7.65	7.61	0.040	19411	0.00910	0.0091		
4 gamma-BHC (Lindane)						CAS #: 58-89-9	
8.75	8.71	0.040	20090	0.00948	0.0095		
7 beta-BHC						CAS #: 319-85-7	
9.16	9.13	0.030	13295	0.01008	0.010		

Data File: E2E7569R.D
Report Date: 30-Aug-2005 17:31

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
13 4,4'-DDE					CAS #: 72-55-9		
15.2	15.1	0.100	4462	0.00203	0.0020		(a)
15 Endrin					CAS #: 72-20-8		
16.7	16.7	0.000	101596	0.05942	0.059		
18 4,4'-DDT					CAS #: 50-29-3		
18.3	18.3	0.000	199875	0.11715	0.12		
21 Methoxychlor					CAS #: 72-43-5		
20.3	20.2	0.100	257650	0.26689	0.27		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
25.5	25.4	0.100	70310	0.01944	0.019		

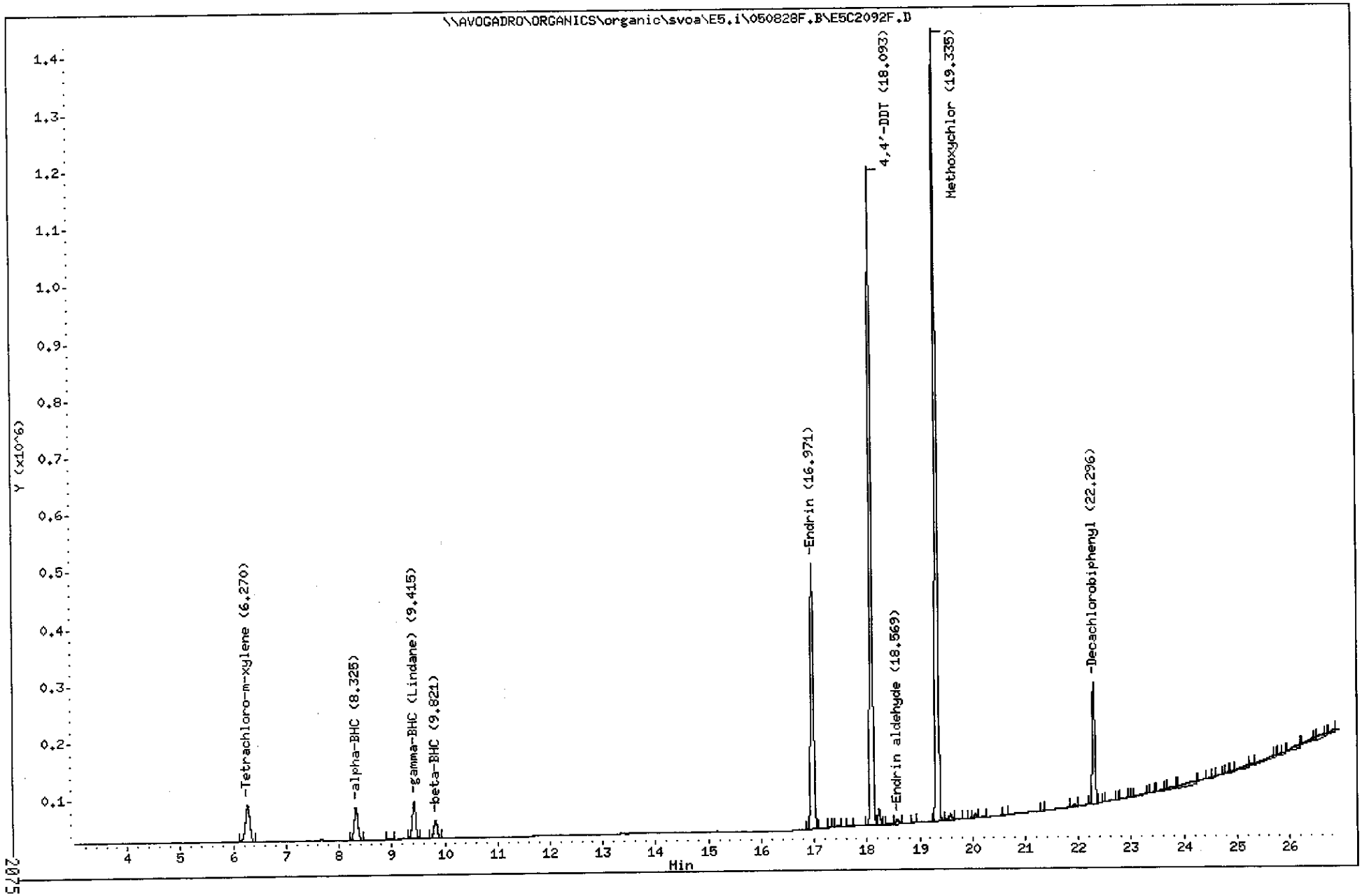
QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC
8/24/07

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2092F.D
Date : 28-AUG-2005 10:29
Client ID: PEMZ1
Sample Info: PEMZ1,PEMZ1,,pem,sub,pem,spk,
Volume Injected (uL): 1.0
Column phase: CLPPest

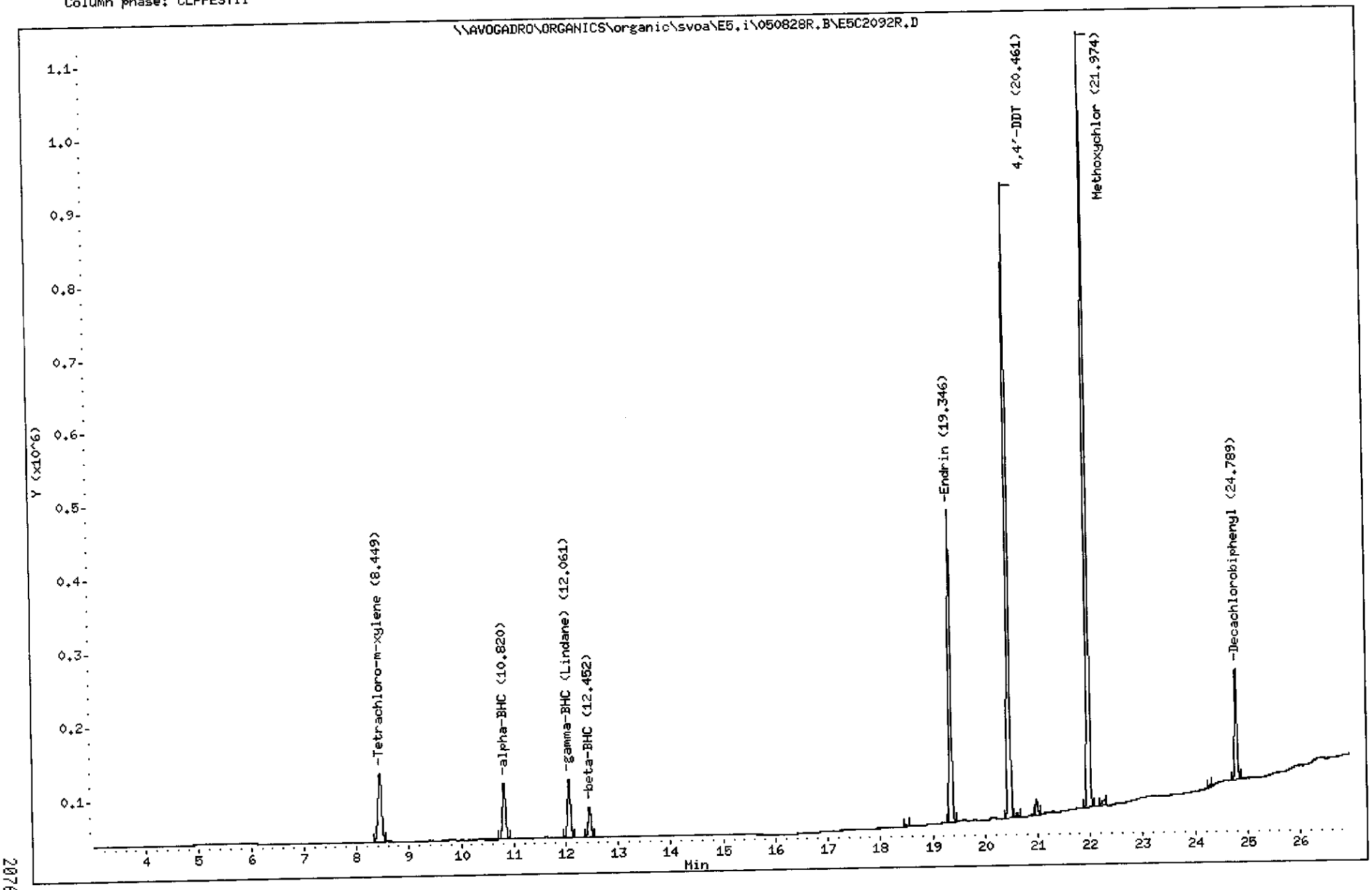
Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2092R.D
Date : 28-AUG-2005 10:29
Client ID: PEMZ1
Sample Info: PEMZ1,PEMZ1,,pem,sub,pem,spk,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



2079

Data File: E5C2092F.D
Report Date: 30-Aug-2005 11:30

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2092F.D
Lab Smp Id: PEMZ1 Client Smp ID: PEMZ1
Inj Date : 28-AUG-2005 10:29
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PEMZ1,PEMZ1,,pem.sub,pem.spk,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 09:00 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101F.D
Als bottle: 2 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.27	6.27	0.000	371329	0.01922	0.019		
3 alpha-BHC					CAS #: 319-84-6		
8.33	8.32	0.010	277309	0.00885	0.0088		
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
9.41	9.42	-0.010	290844	0.00937	0.0094		
7 beta-BHC					CAS #: 319-85-7		
9.82	9.82	0.000	150503	0.01097	0.011		

Data File: E5C2092F.D
Report Date: 30-Aug-2005 11:30

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
15 Endrin					CAS #: 72-20-8			
17.0	17.0	0.000	1794895	0.05542	0.055			
18 4,4'-DDT					CAS #: 50-29-3			
18.1	18.1	0.000	3592845	0.09607	0.096			
19 Endrin aldehyde					CAS #: 7421-93-4			
18.6	18.6	0.000	35019	0.00120	0.0012			(a)
21 Methoxychlor					CAS #: 72-43-5			
19.3	19.3	0.000	4215564	0.22193	0.22			
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
22.3	22.3	0.000	650676	0.01839	0.018			

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC
8/30/05

Data File: E5C2092R.D
Report Date: 30-Aug-2005 11:32

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2092R.D
Lab Smp Id: PEMZ1 Client Smp ID: PEMZ1
Inj Date : 28-AUG-2005 10:29
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PEMZ1,PEMZ1,,pem.sub,pem.spk,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 09:03 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 2 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	============	=====
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
8.45	8.45	0.000	455235	0.01938	0.019		
4 alpha-BHC						CAS #: 319-84-6	
10.8	10.8	0.000	317621	0.00873	0.0087		
5 gamma-BHC (Lindane)						CAS #: 58-89-9	
12.1	12.1	0.000	317021	0.00933	0.0093		
8 beta-BHC						CAS #: 319-85-7	
12.5	12.5	0.000	163281	0.01074	0.011		

Data File: E5C2092R.D
Report Date: 30-Aug-2005 11:32

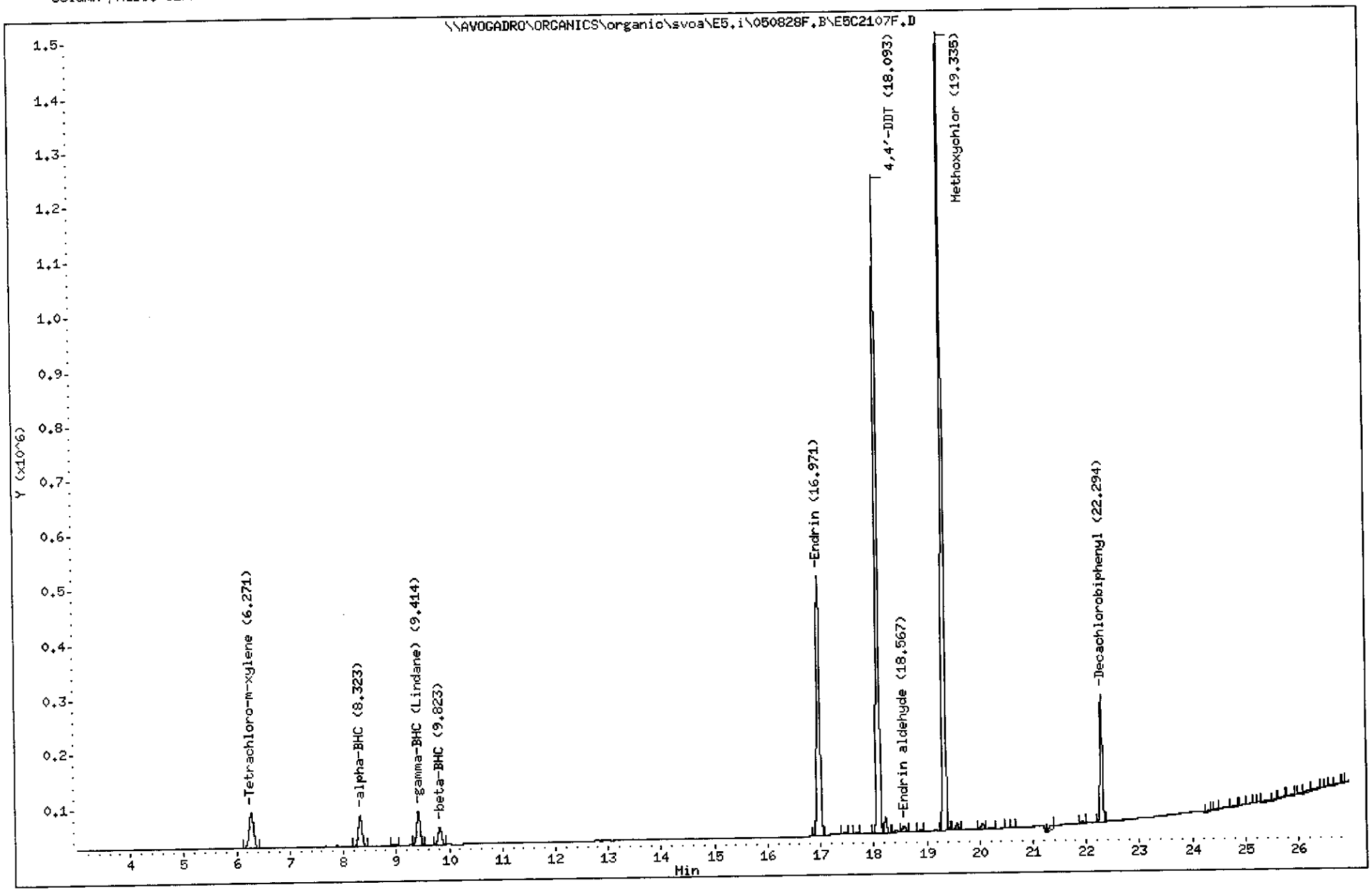
				CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
16 Endrin						CAS #: 72-20-8	
19.3	19.3	0.000	1249895	0.05506	0.055		
19 4,4'-DDT						CAS #: 50-29-3	
20.5	20.5	0.000	2474361	0.09797	0.098		
22 Methoxychlor						CAS #: 72-43-5	
22.0	22.0	0.000	3003364	0.22431	0.22		
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3	
24.8	24.8	0.000	456310	0.01885	0.019		

KC
8/31/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2107F.D
Date : 28-AUG-2005 18:06
Client ID: PEMZ2
Sample Info: PEMZ2,PEMZ2,,pem.sub,pem,spk,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E5.i

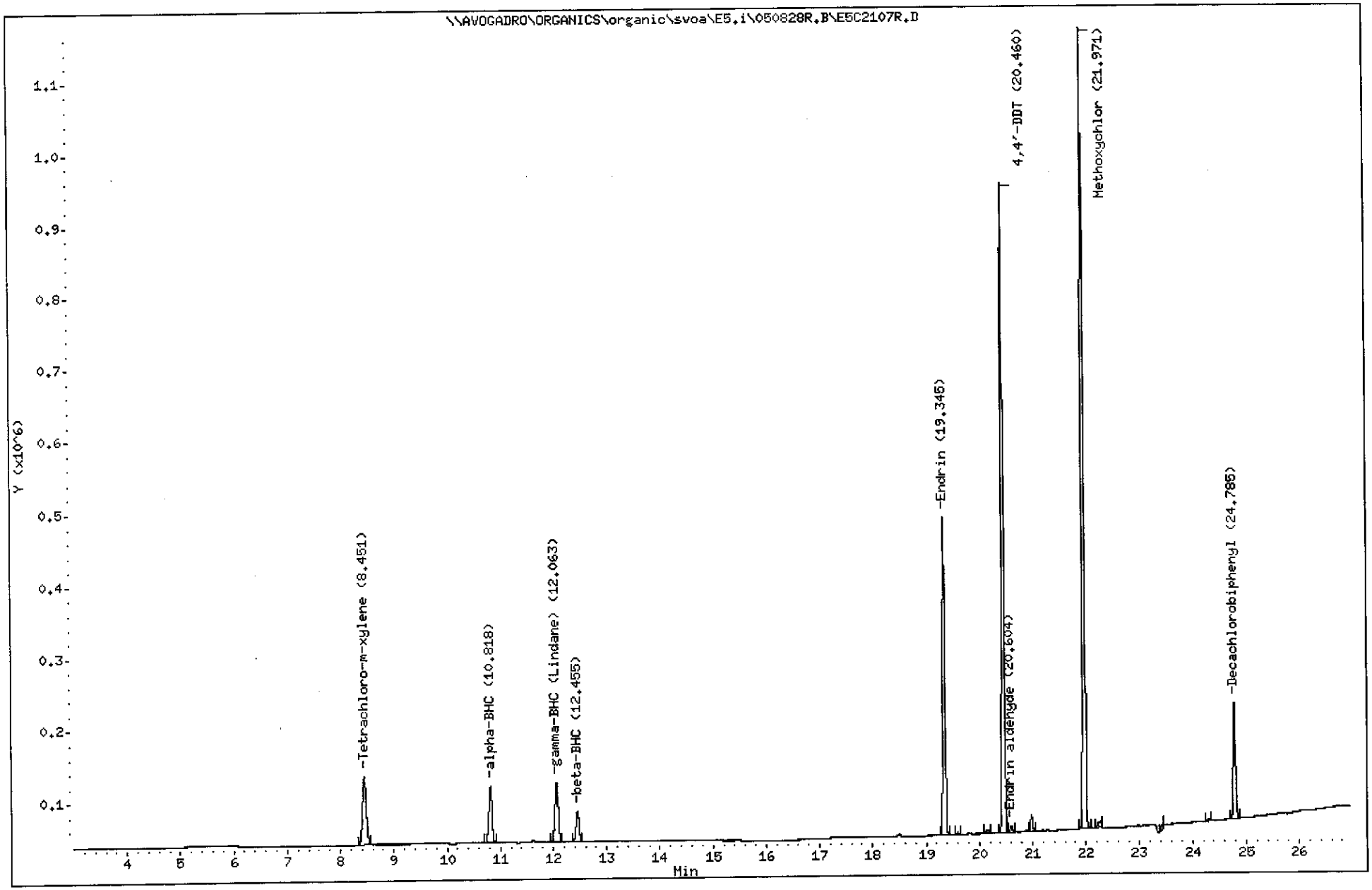
Operator: SZ SRC: SZ
Column diameter: 0.53



2081

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2107R.D
Date : 28-AUG-2005 18:06
Client ID: PEMZ2
Sample Info: PEMZ2,PEMZ2,,pem.sub,pem.spk,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



2082

Data File: E5C2107F.D
Report Date: 30-Aug-2005 11:32

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2107F.D
Lab Smp Id: PEMZ2 Client Smp ID: PEMZ2
Inj Date : 28-AUG-2005 18:06
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PEMZ2,PEMZ2,,pem.sub,pem.spk,
Misc Info : 3,,PEM,1,,1000
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 09:00 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101F.D
Als bottle: 16 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
6.27	6.27	0.000	381394	0.01974	0.020		
3 alpha-BHC						CAS #: 319-84-6	
8.32	8.32	0.000	272138	0.00868	0.0087		
4 gamma-BHC (Lindane)						CAS #: 58-89-9	
9.41	9.42	-0.010	280725	0.00904	0.0090		
7 beta-BHC						CAS #: 319-85-7	
9.82	9.82	0.000	146344	0.01067	0.011		

Data File: E5C2107F.D
Report Date: 30-Aug-2005 11:32

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
15 Endrin					CAS #: 72-20-8		
17.0	17.0	0.000	1835385	0.05668	0.057		
18 4,4'-DDT					CAS #: 50-29-3		
18.1	18.1	0.000	3746924	0.10019	0.10		
19 Endrin aldehyde					CAS #: 7421-93-4		
18.6	18.6	0.000	44041	0.00150	0.0015		(a)
21 Methoxychlor					CAS #: 72-43-5		
19.3	19.3	0.000	4434690	0.23347	0.23		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
22.3	22.3	0.000	710471	0.02008	0.020		

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC 8/29/05

Data File: E5C2107R.D
Report Date: 30-Aug-2005 11:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2107R.D
Lab Smp Id: PEMZ2 Client Smp ID: PEMZ2
Inj Date : 28-AUG-2005 18:06
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PEMZ2,PEMZ2,,pem.sub,pem.spk,
Misc Info : 3,,PEM,1,,1000
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 09:03 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 16 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
8.45	8.45	0.000	461739	0.01966	0.020		
4 alpha-BHC						CAS #: 319-84-6	
10.8	10.8	0.000	324656	0.00892	0.0089		
5 gamma-BHC (Lindane)						CAS #: 58-89-9	
12.1	12.1	0.000	324123	0.00954	0.0095		
8 beta-BHC						CAS #: 319-85-7	
12.5	12.5	0.000	166361	0.01094	0.011		

Data File: E5C2107R.D
Report Date: 30-Aug-2005 11:33

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
16 Endrin						CAS #: 72-20-8	
19.3	19.3	0.000	1292855	0.05695	0.057		
19 4,4'-DDT						CAS #: 50-29-3	
20.5	20.5	0.000	2588124	0.10247	0.10		
20 Endrin aldehyde						CAS #: 7421-93-4	
20.6	20.6	0.000	26457	0.00134	0.0013		(a)
22 Methoxychlor						CAS #: 72-43-5	
22.0	22.0	0.000	3154257	0.23558	0.24		
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3	
24.8	24.8	0.000	488367	0.02017	0.020		

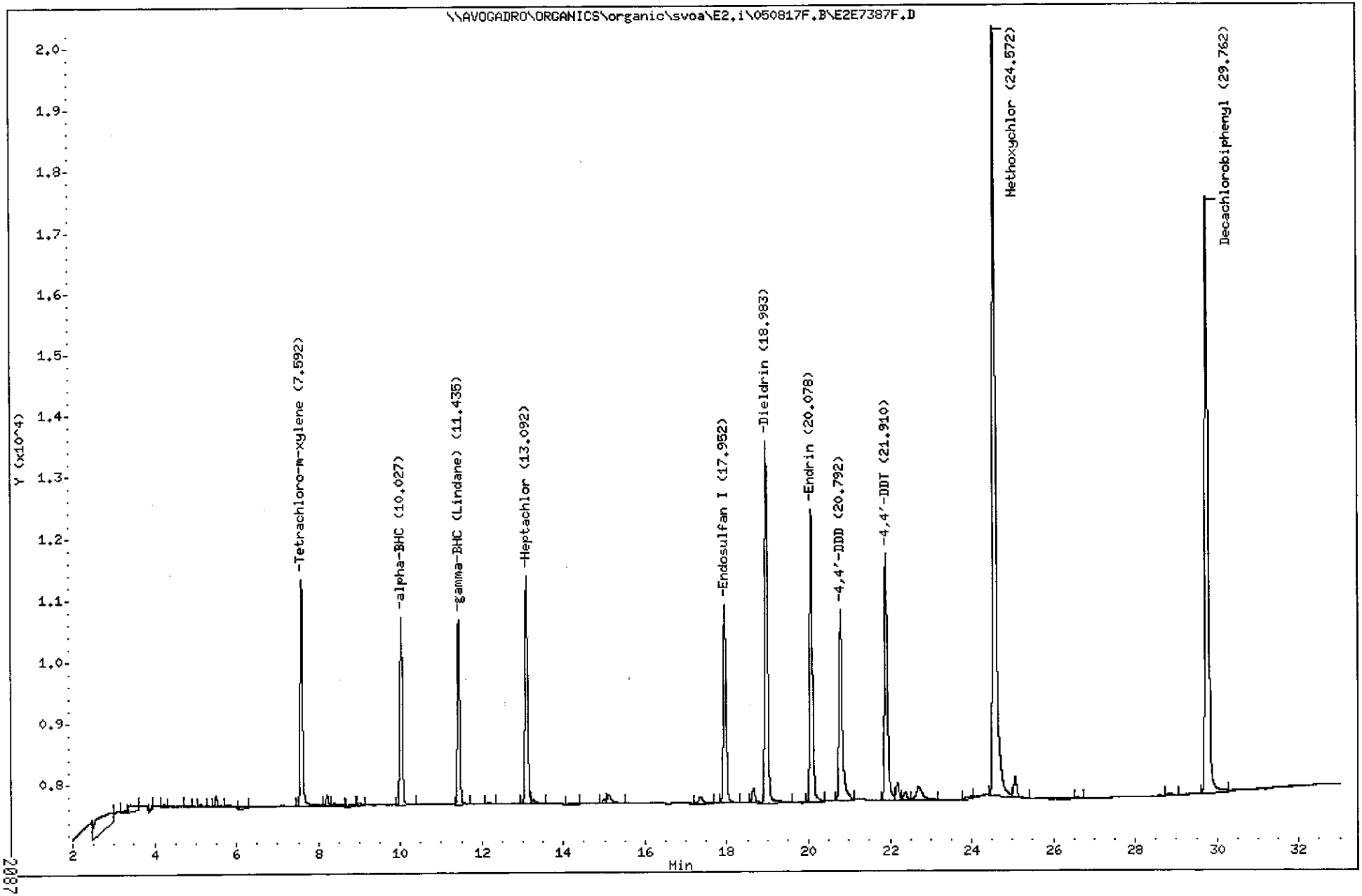
QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC 8/29/05

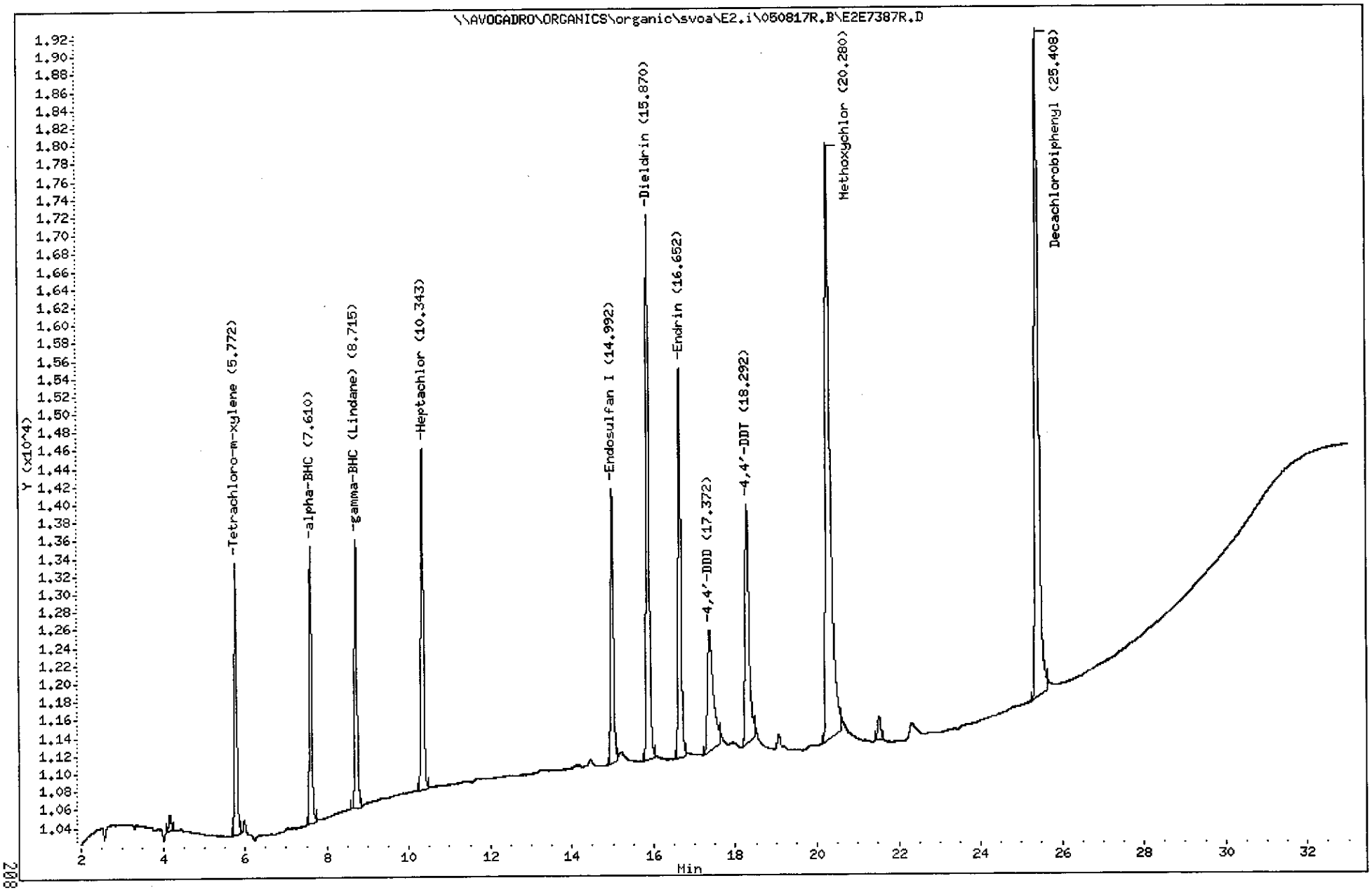
Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7387F.D
Date : 18-AUG-2005 01:14
Client ID: INDALE1
Sample Info: INDALE1,INDALE1,,inda.sub
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOCADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7387R.D
Date : 18-AUG-2005 01:14
Client ID: INDALE1
Sample Info: INDALE1,INDALE1,,inda,sub
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



2088

Data File: E2E7387F.D
Report Date: 18-Aug-2005 18:22

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7387F.D
Lab Smp Id: INDALE1 Client Smp ID: INDALE1
Inj Date : 18-AUG-2005 01:14
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDALE1,INDALE1,,inda.sub
Misc Info : 1,1,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\clp-1262e4f.m
Meth Date : 18-Aug-2005 18:21 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388F.D
Als bottle: 10 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
7.59	7.59	0.000	14755	0.00500	0.0065			(a)
3 alpha-BHC						CAS #: 319-84-6		
10.0	10.0	0.000	11404	0.00500	0.0055			(a)
4 gamma-BHC (Lindane)						CAS #: 58-89-9		
11.4	11.4	0.000	11497	0.00500	0.0055			(a)
5 Heptachlor						CAS #: 76-44-8		
13.1	13.1	0.000	16229	0.00500	0.0062			(a)

SZ 08/19/05

Data File: E2E7387F.D
Report Date: 18-Aug-2005 18:22

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
10 Endosulfan I						CAS #: 959-98-8	
18.0	18.0	0.000	14981	0.00500	0.0062		(a)
14 Dieldrin						CAS #: 60-57-1	
19.0	19.0	0.000	27364	0.01000	0.012		(a)
15 Endrin						CAS #: 72-20-8	
20.1	20.1	0.000	22143	0.01000	0.012		(a)
16 4,4'-DDD						CAS #: 72-54-8	
20.8	20.8	0.000	17248	0.01000	0.011		(a)
18 4,4'-DDT						CAS #: 50-29-3	
21.9	21.9	0.000	19833	0.01000	0.011		(a)
21 Methoxychlor						CAS #: 72-43-5	
24.6	24.6	0.000	67497	0.05000	0.065		(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	52345	0.01000	0.013		(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: E2E7387R.D
Report Date: 18-Aug-2005 18:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7387R.D
Lab Smp Id: INDALE1 Client Smp ID: INDALE1
Inj Date : 18-AUG-2005 01:14
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDALE1,INDALE1,,inda.sub
Misc Info : 1,1,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\clp1262-e2r.m
Meth Date : 18-Aug-2005 17:16 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388R.D
Als bottle: 10 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
5.77	5.77	0.000	12405	0.00500	0.0062			(a)
3 alpha-BHC						CAS #: 319-84-6		
7.61	7.61	0.000	11864	0.00500	0.0056			(a)
4 gamma-BHC (Lindane)						CAS #: 58-89-9		
8.72	8.71	0.010	12073	0.00500	0.0057			(a)
5 Heptachlor						CAS #: 76-44-8		
10.3	10.3	0.000	16547	0.00500	0.0061			(a)

SZ 08/19/05

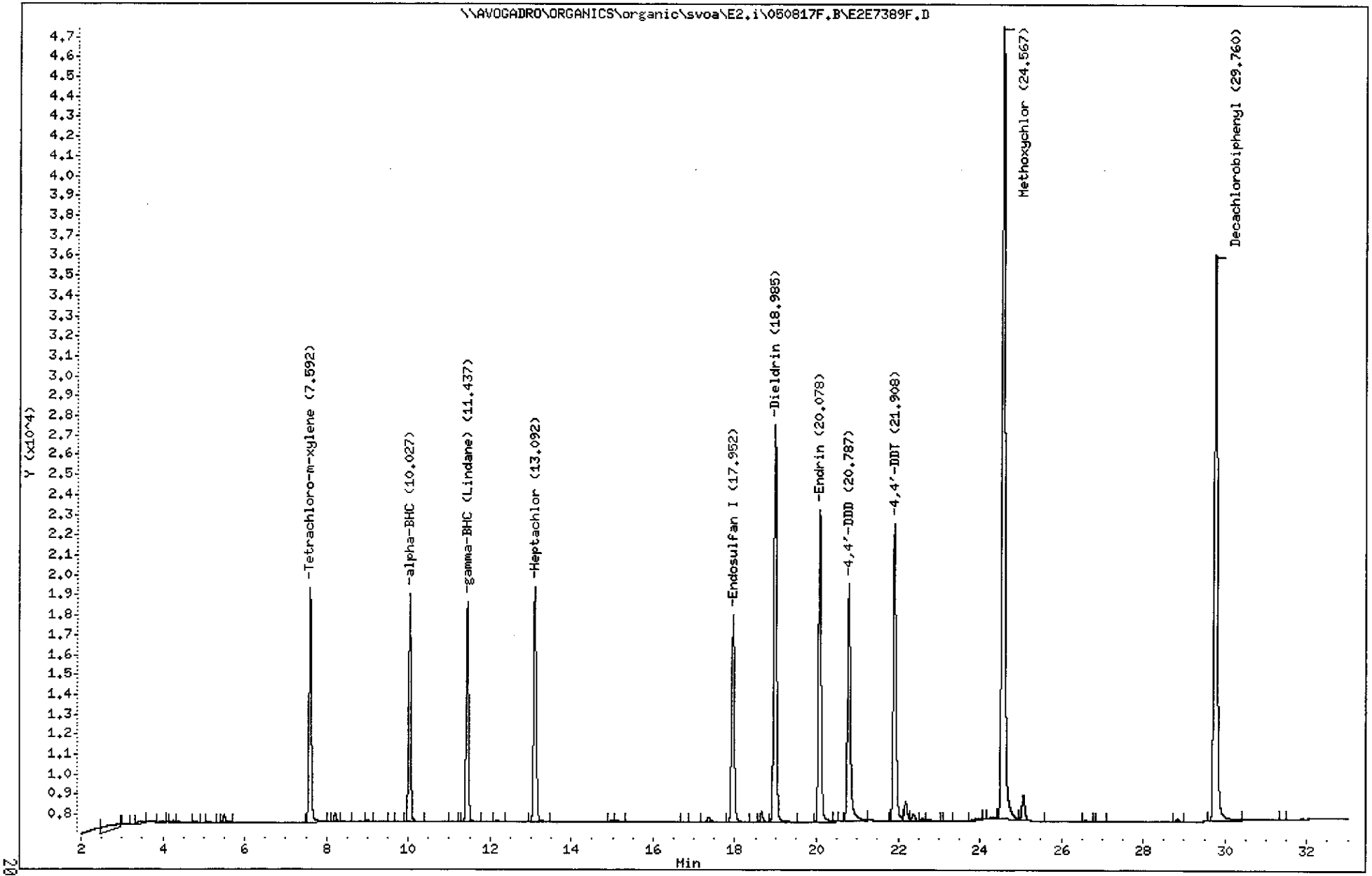
Data File: E2E7387R.D
Report Date: 18-Aug-2005 18:23

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
10 Endosulfan I						CAS #: 959-98-8	
15.0	15.0	0.000	14452	0.00500	0.0061		(a)
14 Dieldrin						CAS #: 60-57-1	
15.9	15.9	0.000	28635	0.01000	0.012		(a)
15 Endrin						CAS #: 72-20-8	
16.7	16.7	0.000	20860	0.01000	0.012		(a)
16 4,4'-DDD						CAS #: 72-54-8	
17.4	17.3	0.100	12812	0.01000	0.0096		(a)
18 4,4'-DDT						CAS #: 50-29-3	
18.3	18.3	0.000	17406	0.01000	0.010		(a)
21 Methoxychlor						CAS #: 72-43-5	
20.3	20.2	0.100	53355	0.05000	0.055		(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	46670	0.01000	0.013		(a)

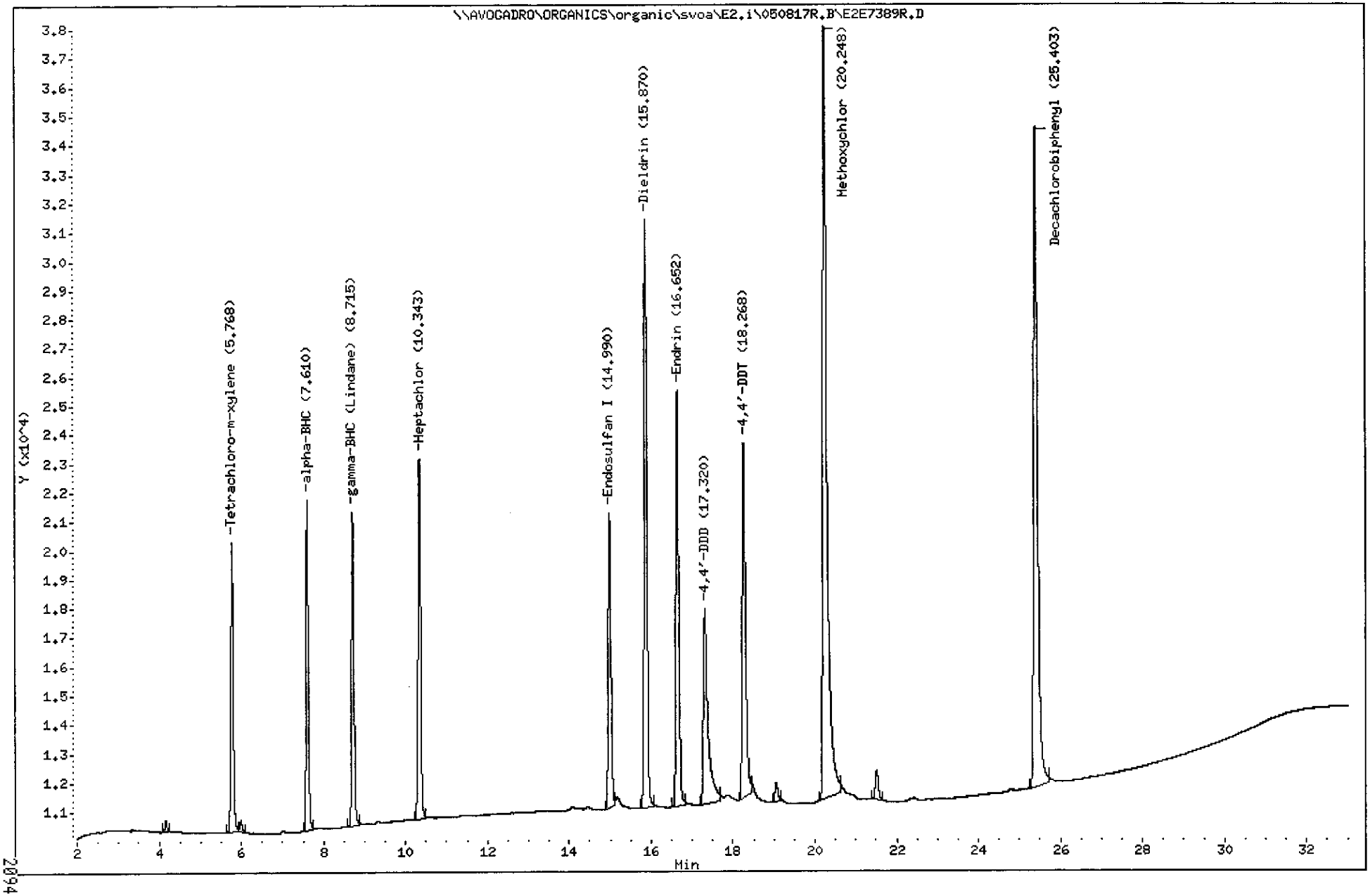
QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7389F.D
Date : 18-AUG-2005 02:26
Client ID: INDAME1 Instrument: E2.i
Sample Info: INDAME1,INDAME1,,inda.sub
Volume Injected (uL): 1.0 Operator: SZ SRC: SZ
Column phase: CLPPest Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7389R.D
Date : 18-AUG-2005 02:26
Client ID: INDAME1
Instrument: E2.i
Sample Info: INDAME1,INDAME1,,inda,sub
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



2094

Data File: E2E7389F.D
Report Date: 18-Aug-2005 18:22

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7389F.D
Lab Smp Id: INDAME1 Client Smp ID: INDAME1
Inj Date : 18-AUG-2005 02:26
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDAME1,INDAME1,,inda.sub
Misc Info : 1,2,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\clp-1262e4f.m
Meth Date : 18-Aug-2005 18:21 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388F.D
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
RT	EXP RT	DLT RT	RESPONSE					
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
7.59	7.59	0.000	45384	0.02000	0.020			(a)
3 alpha-BHC						CAS #: 319-84-6		
10.0	10.0	0.000	41710	0.02000	0.020			(a)
4 gamma-BHC (Lindane)						CAS #: 58-89-9		
11.4	11.4	0.000	41822	0.02000	0.020			(a)
5 Heptachlor						CAS #: 76-44-8		
13.1	13.1	0.000	52180	0.02000	0.020			(a)

SZ 08/19/05

Data File: E2E7389F.D
Report Date: 18-Aug-2005 18:22

				AMOUNTS				
					CAL-AMT	ON-COL		
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
	10 Endosulfan I						CAS #: 959-98-8	
	18.0	18.0	0.000	48286	0.02000	0.020		(a)
	14 Dieldrin						CAS #: 60-57-1	
	19.0	19.0	0.000	90369	0.04000	0.040		(a)
	15 Endrin						CAS #: 72-20-8	
	20.1	20.1	0.000	71896	0.04000	0.040		(a)
	16 4,4'-DDD						CAS #: 72-54-8	
	20.8	20.8	0.000	60099	0.04000	0.040		(a)
	18 4,4'-DDT						CAS #: 50-29-3	
	21.9	21.9	0.000	69783	0.04000	0.040		(a)
	21 Methoxychlor						CAS #: 72-43-5	
	24.6	24.6	0.000	207435	0.20000	0.20		(a)
$	2 Decachlorobiphenyl						CAS #: 2051-24-3	
	29.8	29.8	0.000	155557	0.04000	0.040		(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: E2E7389R.D
Report Date: 18-Aug-2005 18:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7389R.D
Lab Smp Id: INDAME1 Client Smp ID: INDAME1
Inj Date : 18-AUG-2005 02:26
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDAME1,INDAME1,,inda.sub
Misc Info : 1,2,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\clp1262-e2r.m
Meth Date : 18-Aug-2005 17:16 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388R.D
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.77	5.77	0.000	40233	0.02000	0.020		(a)
3 alpha-BHC					CAS #: 319-84-6		
7.61	7.61	0.000	42684	0.02000	0.020		(a)
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
8.72	8.71	0.010	42403	0.02000	0.020		(a)
5 Heptachlor					CAS #: 76-44-8		
10.3	10.3	0.000	54128	0.02000	0.020		(a)

9/2008/19/0

Data File: E2E7389R.D
Report Date: 18-Aug-2005 18:23

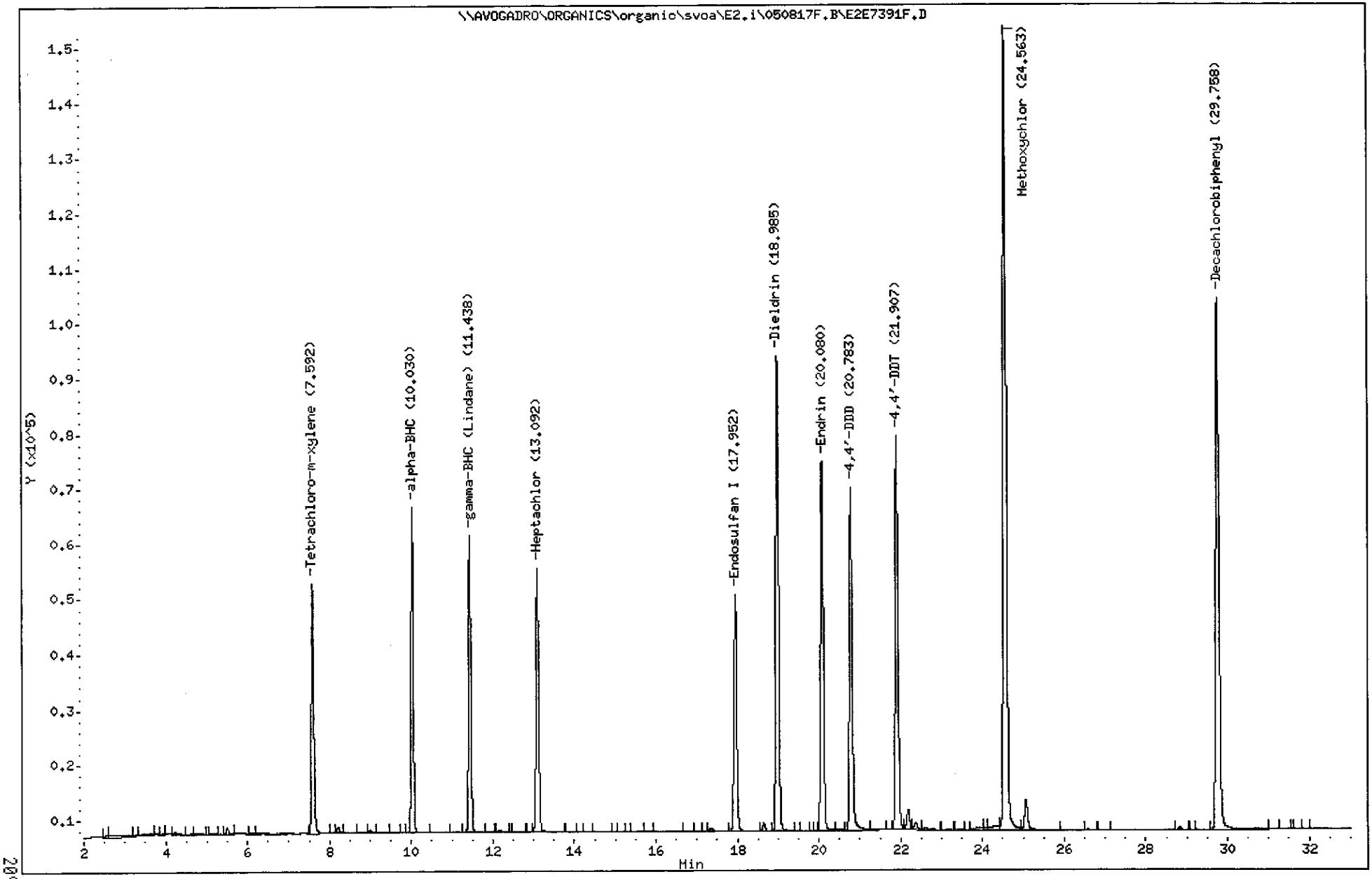
	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO
	10 Endosulfan I						CAS #: 959-98-8	
	15.0	15.0	0.000	47325	0.02000	0.020		(a)
	14 Dieldrin						CAS #: 60-57-1	
	15.9	15.9	0.000	95893	0.04000	0.040		(a)
	15 Endrin						CAS #: 72-20-8	
	16.7	16.7	0.000	68392	0.04000	0.040		(a)
	16 4,4'-DDD						CAS #: 72-54-8	
	17.3	17.3	0.000	53322	0.04000	0.040		(a)
	18 4,4'-DDT						CAS #: 50-29-3	
	18.3	18.3	0.000	68244	0.04000	0.040		(a)
	21 Methoxychlor						CAS #: 72-43-5	
	20.2	20.2	0.000	193073	0.20000	0.20		(a)
$	2 Decachlorobiphenyl						CAS #: 2051-24-3	
	25.4	25.4	0.000	144638	0.04000	0.040		(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7391F.D
Date : 18-AUG-2005 03:39
Client ID: INDAHE1
Sample Info: INDAHE1,INDAHE1,,inda.sub
Volume Injected (uL): 1.0
Column phase: CLPPest

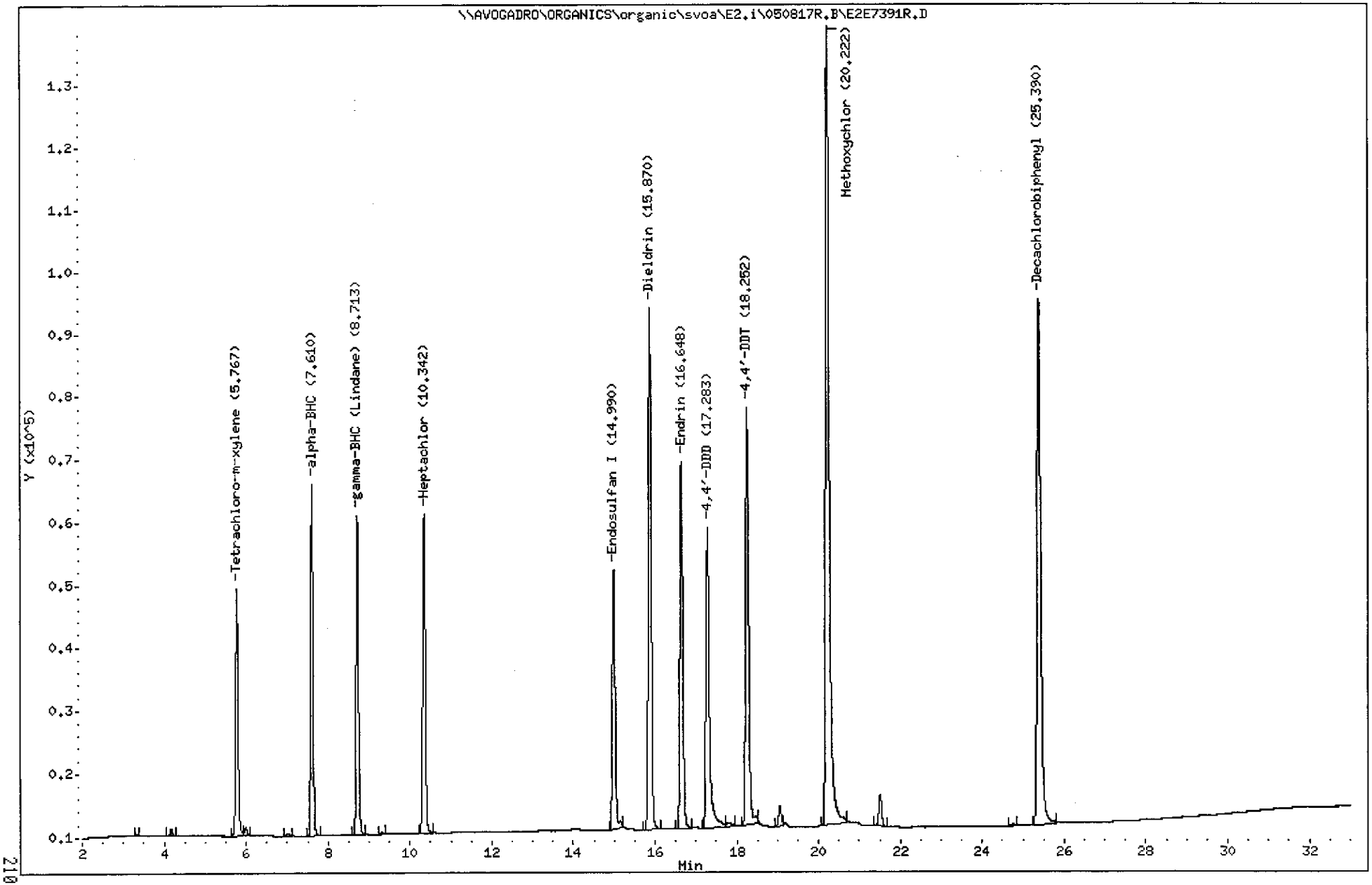
Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



2099

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7391R.D
Date : 18-AUG-2005 03:39
Client ID: INDAHE1
Sample Info: INDAHE1,INDAHE1,,inda.sub
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



2100

Data File: E2E7391F.D
Report Date: 18-Aug-2005 18:22

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7391F.D
Lab Smp Id: INDAHE1 Client Smp ID: INDAHE1
Inj Date : 18-AUG-2005 03:39
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDAHE1,INDAHE1,,inda.sub
Misc Info : 1,3,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\clp-1262e4f.m
Meth Date : 18-Aug-2005 18:21 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388F.D
Als bottle: 14 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT	AMOUNTS ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.59	7.59	0.000	178717	0.08000	0.079		
3 alpha-BHC					CAS #: 319-84-6		
10.0	10.0	0.000	219861	0.08000	0.11		(A)
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
11.4	11.4	0.000	209119	0.08000	0.10		(A)
5 Heptachlor					CAS #: 76-44-8		
13.1	13.1	0.000	213753	0.08000	0.082		(A)

SZ 08/19/05

Data File: E2E7391F.D
Report Date: 18-Aug-2005 18:22

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
10 Endosulfan I						CAS #: 959-98-8	
18.0	18.0	0.000	200875	0.08000	0.083		(A)
14 Dieldrin						CAS #: 60-57-1	
19.0	19.0	0.000	398931	0.16000	0.18		(A)
15 Endrin						CAS #: 72-20-8	
20.1	20.1	0.000	314608	0.16000	0.18		(A)
16 4,4'-DDD						CAS #: 72-54-8	
20.8	20.8	0.000	295872	0.16000	0.20		(A)
18 4,4'-DDT						CAS #: 50-29-3	
21.9	21.9	0.000	333366	0.16000	0.19		(A)
21 Methoxychlor						CAS #: 72-43-5	
24.6	24.6	0.000	763267	0.80000	0.74		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	542395	0.16000	0.14		(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: E2E7391R.D
Report Date: 18-Aug-2005 18:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7391R.D
Lab Smp Id: INDAHE1 Client Smp ID: INDAHE1
Inj Date : 18-AUG-2005 03:39
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDAHE1,INDAHE1,,inda.sub
Misc Info : 1,3,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\clp1262-e2r.m
Meth Date : 18-Aug-2005 17:16 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388R.D
Als bottle: 14 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.77	5.77	0.000	158674	0.08000	0.079		
3 alpha-BHC					CAS #: 319-84-6		
7.61	7.61	0.000	212886	0.08000	0.100		(A)
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
8.71	8.71	0.000	202737	0.08000	0.096		(A)
5 Heptachlor					CAS #: 76-44-8		
10.3	10.3	0.000	225360	0.08000	0.083		(A)

SZ 08/19/05

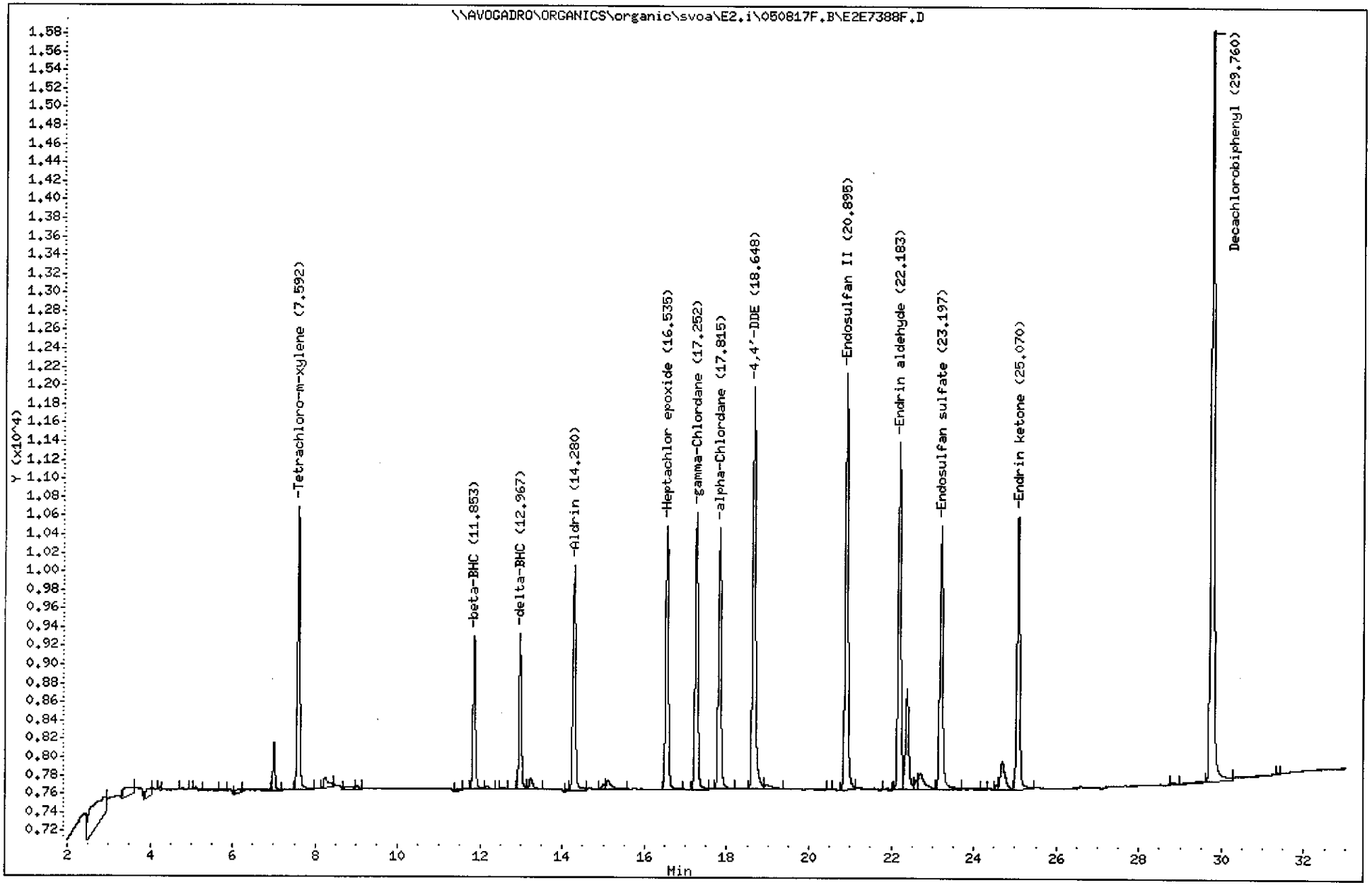
Data File: E2E7391R.D
Report Date: 18-Aug-2005 18:23

	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
	10 Endosulfan I						CAS #: 959-98-8		
	15.0	15.0	0.000	200904	0.08000	0.085			(A)
	14 Dieldrin						CAS #: 60-57-1		
	15.9	15.9	0.000	401238	0.16000	0.17			(A)
	15 Endrin						CAS #: 72-20-8		
	16.6	16.7	-0.100	283750	0.16000	0.17			(A)
	16 4,4'-DDD						CAS #: 72-54-8		
	17.3	17.3	0.000	278117	0.16000	0.21			(A)
	18 4,4'-DDT						CAS #: 50-29-3		
	18.3	18.3	0.000	343623	0.16000	0.20			(A)
	21 Methoxychlor						CAS #: 72-43-5		
	20.2	20.2	0.000	780184	0.80000	0.81			(A)
$	2 Decachlorobiphenyl						CAS #: 2051-24-3		
	25.4	25.4	0.000	513602	0.16000	0.14			(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

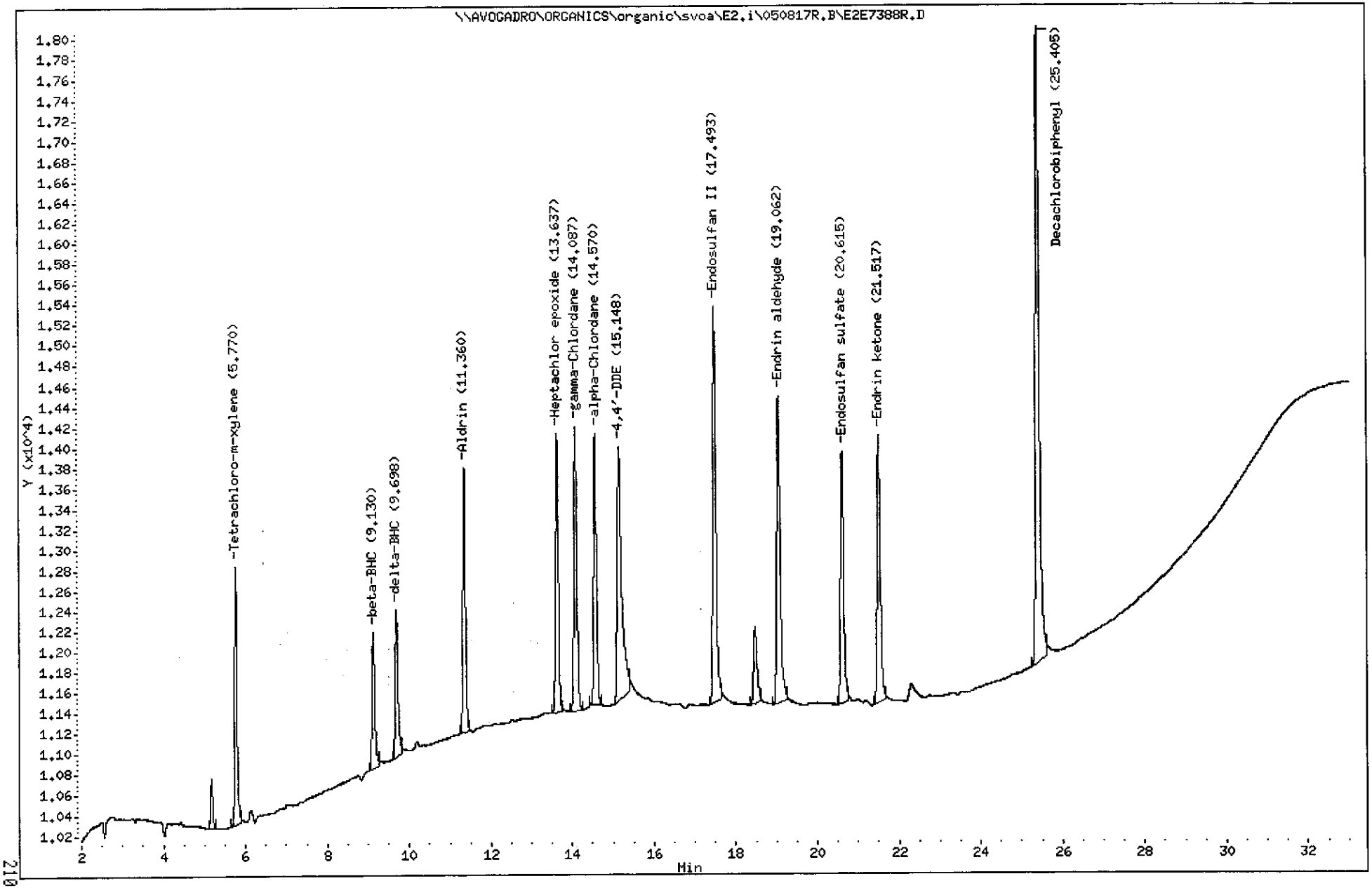
Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7388F.D
Date : 18-AUG-2005 01:50
Client ID: INDBLCE1
Instrument: E2.i
Sample Info: INDBLE1,INDBLCE1,,indb.sub
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



2105

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7388R.D
Date : 18-AUG-2005 01:50
Client ID: INDBLCE1
Sample Info: INDBLE1,INDBLCE1,,indb,sub
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



2106

Data File: E2E7388F.D
Report Date: 18-Aug-2005 18:22

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7388F.D
Lab Smp Id: INDBLE1 Client Smp ID: INDBLCE1
Inj Date : 18-AUG-2005 01:50
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDBLE1,INDBLCE1,,indb.sub
Misc Info : 1,1,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\clp-1262e4f.m
Meth Date : 18-Aug-2005 18:21 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388F.D
Als bottle: 11 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.59	7.59	0.000	11821	0.00500	0.0052		(a)
6 Aldrin					CAS #: 309-00-2		
14.3	14.3	0.000	11051	0.00500	0.0052		(a)
7 beta-BHC					CAS #: 319-85-7		
11.9	11.9	0.000	6855	0.00500	0.0050		(a)
8 delta-BHC					CAS #: 319-86-8		
13.0	13.0	0.000	6702	0.00500	0.0043		(a)

SZ 08/19/05

Data File: E2E7388F.D
Report Date: 18-Aug-2005 18:22

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
9 Heptachlor epoxide						CAS #: 1024-57-3		
16.5	16.5	0.000	12938	0.00500	0.0051			(a)
11 gamma-Chlordane						CAS #: 5103-74-2		
17.3	17.3	0.000	14071	0.00500	0.0051			(a)
12 alpha-Chlordane						CAS #: 5103-71-9		
17.8	17.8	0.000	13155	0.00500	0.0049			(a)
13 4,4'-DDE						CAS #: 72-55-9		
18.6	18.6	0.000	21558	0.01000	0.0097			(a)
17 Endosulfan II						CAS #: 33213-65-9		
20.9	20.9	0.000	21536	0.01000	0.0096			(a)
19 Endrin aldehyde						CAS #: 7421-93-4		
22.2	22.2	0.000	18310	0.01000	0.010			(a)
20 Endosulfan sulfate						CAS #: 1031-07-8		
23.2	23.2	0.000	14174	0.01000	0.0087			(a)
22 Endrin ketone						CAS #: 53494-70-5		
25.1	25.1	0.000	14146	0.01000	0.0088			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
29.8	29.8	0.000	42925	0.01000	0.011			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: E2E7388R.D
Report Date: 18-Aug-2005 18:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7388R.D
Lab Smp Id: INDBLE1 Client Smp ID: INDBLCE1
Inj Date : 18-AUG-2005 01:50
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDBLE1,INDBLCE1,,indb.sub
Misc Info : 1,1,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\clp1262-e2r.m
Meth Date : 18-Aug-2005 17:16 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388R.D
Als bottle: 11 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.77	5.77	0.000	10287	0.00500	0.0051		(a)
6 Aldrin						CAS #: 309-00-2	
11.4	11.4	0.000	11473	0.00500	0.0049		(a)
7 beta-BHC						CAS #: 319-85-7	
9.13	9.13	0.000	6057	0.00500	0.0046		(a)
8 delta-BHC						CAS #: 319-86-8	
9.70	9.70	0.000	6651	0.00500	0.0041		(a)

8/29/08 8/29/05

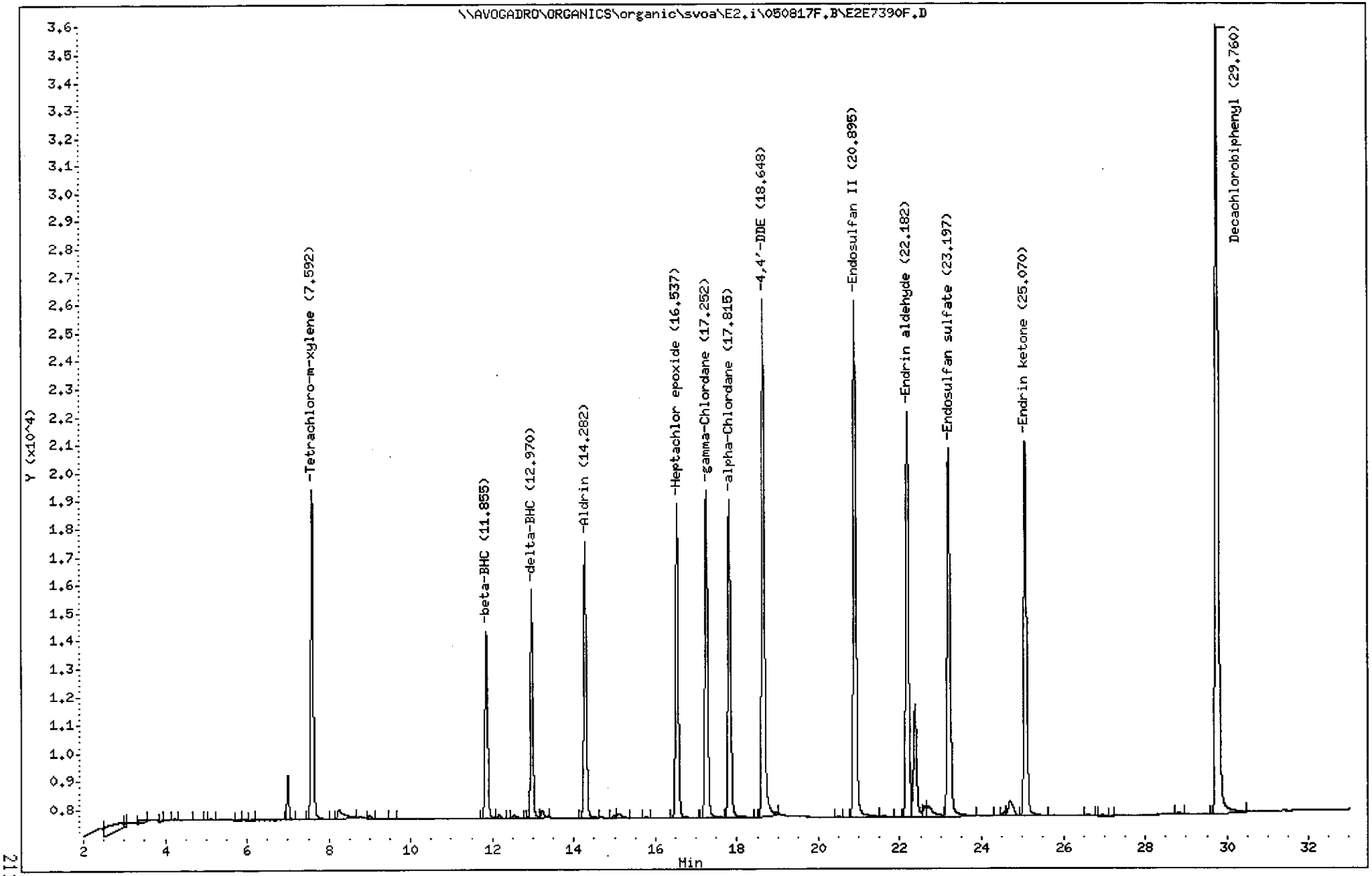
Data File: E2E7388R.D
Report Date: 18-Aug-2005 18:23

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
9 Heptachlor epoxide						CAS #: 1024-57-3	
13.6	13.6	0.000	12577	0.00500	0.0050		(a)
11 gamma-Chlordane						CAS #: 5103-74-2	
14.1	14.1	0.000	13232	0.00500	0.0050		(a)
12 alpha-Chlordane						CAS #: 5103-71-9	
14.6	14.6	0.000	12227	0.00500	0.0048		(a)
13 4,4'-DDE						CAS #: 72-55-9	
15.1	15.1	0.000	19099	0.01000	0.0087		(a)
17 Endosulfan II						CAS #: 33213-65-9	
17.5	17.5	0.000	20425	0.01000	0.0095		(a)
19 Endrin aldehyde						CAS #: 7421-93-4	
19.1	19.1	0.000	16987	0.01000	0.0098		(a)
20 Endosulfan sulfate						CAS #: 1031-07-8	
20.6	20.6	0.000	13166	0.01000	0.0085		(a)
22 Endrin ketone						CAS #: 53494-70-5	
21.5	21.5	0.000	14094	0.01000	0.0089		(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	37599	0.01000	0.010		(a)

QC Flag Legend

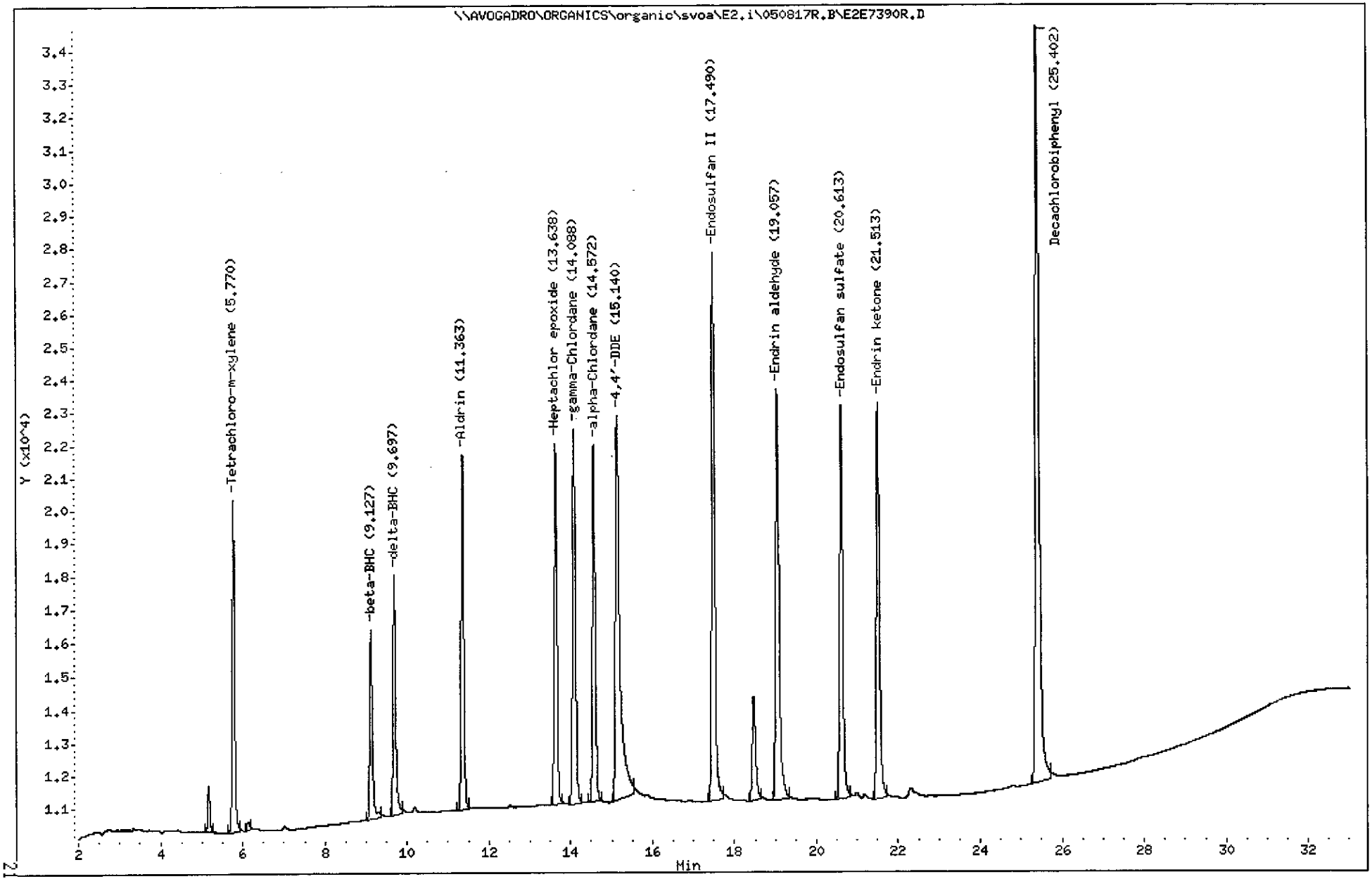
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7390F.D
Date : 18-AUG-2005 03:02
Client ID: INDBME1
Instrument: E2.i
Sample Info: INDBME1,INDBME1,,indb.sub
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7390R.D
Date : 18-AUG-2005 03:02
Client ID: INDBME1
Sample Info: INDBME1,INDBME1,,indb,sub
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



2112

Data File: E2E7390F.D
Report Date: 18-Aug-2005 18:22

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7390F.D
Lab Smp Id: INDBME1 Client Smp ID: INDBME1
Inj Date : 18-AUG-2005 03:02
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDBME1,INDBME1,,indb.sub
Misc Info : 1,2,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\clp-1262e4f.m
Meth Date : 18-Aug-2005 18:21 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388F.D
Als bottle: 13 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.59	7.59	0.000	45862	0.02000	0.020		(a)
6 Aldrin					CAS #: 309-00-2		
14.3	14.3	0.000	42860	0.02000	0.020		(a)
7 beta-BHC					CAS #: 319-85-7		
11.9	11.9	0.000	27373	0.02000	0.020		(a)
8 delta-BHC					CAS #: 319-86-8		
13.0	13.0	0.000	31355	0.02000	0.020		(a)

8/19/05

Data File: E2E7390F.D
Report Date: 18-Aug-2005 18:22

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
9 Heptachlor epoxide					CAS #: 1024-57-3		
16.5	16.5	0.000	51213	0.02000	0.020		(a)
11 gamma-Chlordane					CAS #: 5103-74-2		
17.3	17.3	0.000	55279	0.02000	0.020		(a)
12 alpha-Chlordane					CAS #: 5103-71-9		
17.8	17.8	0.000	53176	0.02000	0.020		(a)
13 4,4'-DDE					CAS #: 72-55-9		
18.6	18.6	0.000	89287	0.04000	0.040		(a)
17 Endosulfan II					CAS #: 33213-65-9		
20.9	20.9	0.000	89508	0.04000	0.040		(a)
19 Endrin aldehyde					CAS #: 7421-93-4		
22.2	22.2	0.000	70573	0.04000	0.040		(a)
20 Endosulfan sulfate					CAS #: 1031-07-8		
23.2	23.2	0.000	64989	0.04000	0.040		(a)
22 Endrin ketone					CAS #: 53494-70-5		
25.1	25.1	0.000	64251	0.04000	0.040		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	155280	0.04000	0.040		(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: E2E7390R.D
Report Date: 18-Aug-2005 18:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7390R.D
Lab Smp Id: INDBME1 Client Smp ID: INDBME1
Inj Date : 18-AUG-2005 03:02
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDBME1,INDBME1,,indb.sub
Misc Info : 1,2,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\clp1262-e2r.m
Meth Date : 18-Aug-2005 17:16 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388R.D
Als bottle: 13 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.77	5.77	0.000	40963	0.02000	0.020		(a)
6 Aldrin					CAS #: 309-00-2		
11.4	11.4	0.000	47067	0.02000	0.020		(a)
7 beta-BHC					CAS #: 319-85-7		
9.13	9.13	0.000	26368	0.02000	0.020		(a)
8 delta-BHC					CAS #: 319-86-8		
9.70	9.70	0.000	32321	0.02000	0.020		(a)

SZ 08/19/05

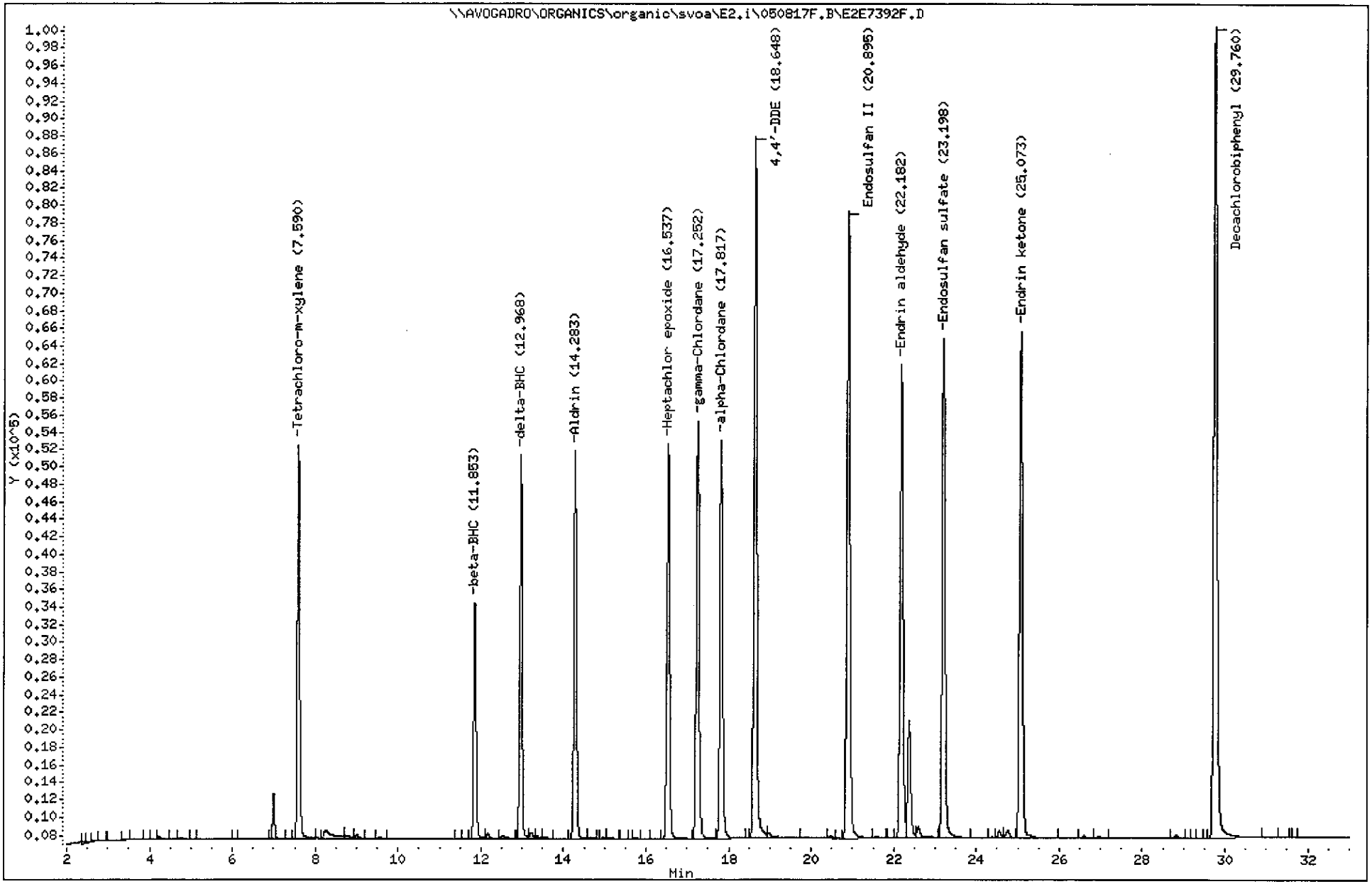
Data File: E2E7390R.D
Report Date: 18-Aug-2005 18:23

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
9 Heptachlor epoxide					CAS #: 1024-57-3		
13.6	13.6	0.000	50145	0.02000	0.020		(a)
11 gamma-Chlordane					CAS #: 5103-74-2		
14.1	14.1	0.000	53329	0.02000	0.020		(a)
12 alpha-Chlordane					CAS #: 5103-71-9		
14.6	14.6	0.000	50643	0.02000	0.020		(a)
13 4,4'-DDE					CAS #: 72-55-9		
15.1	15.1	0.000	88136	0.04000	0.040		(a)
17 Endosulfan II					CAS #: 33213-65-9		
17.5	17.5	0.000	86385	0.04000	0.040		(a)
19 Endrin aldehyde					CAS #: 7421-93-4		
19.1	19.1	0.000	69504	0.04000	0.040		(a)
20 Endosulfan sulfate					CAS #: 1031-07-8		
20.6	20.6	0.000	63594	0.04000	0.041		(a)
22 Endrin ketone					CAS #: 53494-70-5		
21.5	21.5	0.000	63256	0.04000	0.040		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
25.4	25.4	0.000	143328	0.04000	0.040		(a)

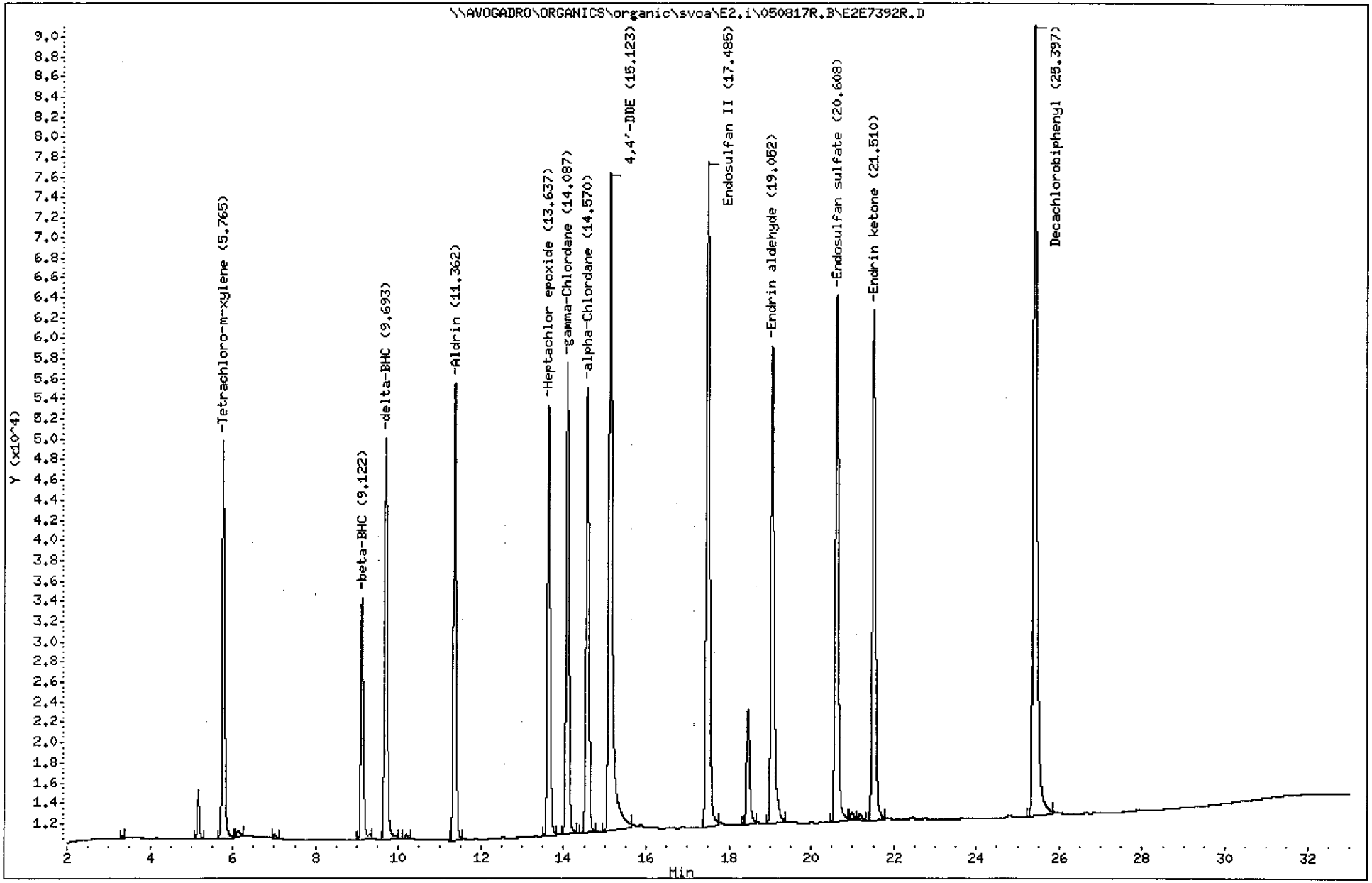
QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7392F.D
Date : 18-AUG-2005 04:15
Client ID: INDBHE1
Instrument: E2.i
Sample Info: INDBHE1,INDBHE1,,indb,sub
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7392R.D
Date : 18-AUG-2005 04:15
Client ID: INDBHE1
Instrument: E2.i
Sample Info: INDBHE1,INDBHE1,,indb.sub
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7392F.D
Report Date: 18-Aug-2005 18:22

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7392F.D
Lab Smp Id: INDBHE1 Client Smp ID: INDBHE1
Inj Date : 18-AUG-2005 04:15
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDBHE1,INDBHE1,,indb.sub
Misc Info : 1,3,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\clp-1262e4f.m
Meth Date : 18-Aug-2005 18:21 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 15 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.59	7.59	0.000	176498	0.08000	0.078		
6 Aldrin					CAS #: 309-00-2		
14.3	14.3	0.000	192053	0.08000	0.090		(A)
7 beta-BHC					CAS #: 319-85-7		
11.9	11.9	0.000	112182	0.08000	0.082		(A)
8 delta-BHC					CAS #: 319-86-8		
13.0	13.0	0.000	168984	0.08000	0.11		(A)

SZ 08/19/05

Data File: E2E7392F.D
Report Date: 18-Aug-2005 18:22

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
9 Heptachlor epoxide						CAS #: 1024-57-3		
16.5	16.5	0.000	205648	0.08000	0.080			(A)
11 gamma-Chlordane						CAS #: 5103-74-2		
17.3	17.3	0.000	223741	0.08000	0.081			(A)
12 alpha-Chlordane						CAS #: 5103-71-9		
17.8	17.8	0.000	214089	0.08000	0.081			(A)
13 4,4'-DDE						CAS #: 72-55-9		
18.6	18.6	0.000	382721	0.16000	0.17			(A)
17 Endosulfan II						CAS #: 33213-65-9		
20.9	20.9	0.000	351854	0.16000	0.16			
19 Endrin aldehyde						CAS #: 7421-93-4		
22.2	22.2	0.000	265974	0.16000	0.15			
20 Endosulfan sulfate						CAS #: 1031-07-8		
23.2	23.2	0.000	284013	0.16000	0.17			(A)
22 Endrin ketone						CAS #: 53494-70-5		
25.1	25.1	0.000	282133	0.16000	0.18			(A)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
29.8	29.8	0.000	529099	0.16000	0.14			(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: E2E7392R.D
Report Date: 18-Aug-2005 18:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7392R.D
Lab Smp Id: INDBHE1 Client Smp ID: INDBHE1
Inj Date : 18-AUG-2005 04:15
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDBHE1,INDBHE1,,indb.sub
Misc Info : 1,3,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\clp1262-e2r.m
Meth Date : 18-Aug-2005 17:16 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 15 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.77	5.77	0.000	159028	0.08000	0.079		
6 Aldrin					CAS #: 309-00-2		
11.4	11.4	0.000	200859	0.08000	0.085		(A)
7 beta-BHC					CAS #: 319-85-7		
9.12	9.13	-0.010	106529	0.08000	0.081		(A)
8 delta-BHC					CAS #: 319-86-8		
9.69	9.70	-0.010	167233	0.08000	0.10		(A)

SZ 08/19/05

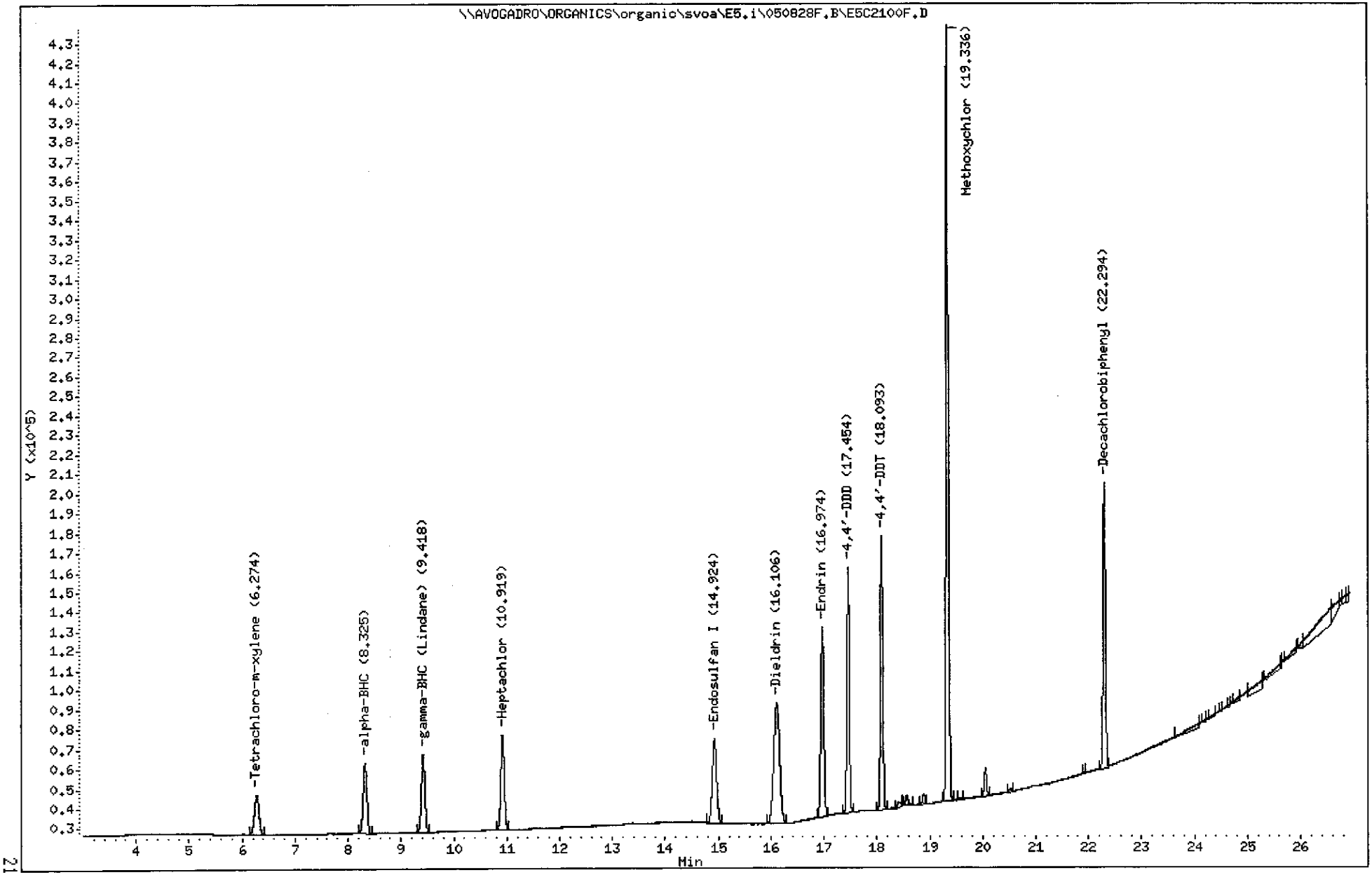
Data File: E2E7392R.D
Report Date: 18-Aug-2005 18:23

			AMOUNTS			
			CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	============	=====
9 Heptachlor epoxide					CAS #: 1024-57-3		
13.6	13.6	0.000	199500	0.08000	0.080		
11 gamma-Chlordane					CAS #: 5103-74-2		
14.1	14.1	0.000	222055	0.08000	0.083		(A)
12 alpha-Chlordane					CAS #: 5103-71-9		
14.6	14.6	0.000	208828	0.08000	0.082		(A)
13 4,4'-DDE					CAS #: 72-55-9		
15.1	15.1	0.000	393583	0.16000	0.18		(A)
17 Endosulfan II					CAS #: 33213-65-9		
17.5	17.5	0.000	341240	0.16000	0.16		
19 Endrin aldehyde					CAS #: 7421-93-4		
19.1	19.1	0.000	261049	0.16000	0.15		
20 Endosulfan sulfate					CAS #: 1031-07-8		
20.6	20.6	0.000	275656	0.16000	0.18		(A)
22 Endrin ketone					CAS #: 53494-70-5		
21.5	21.5	0.000	265980	0.16000	0.17		(A)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
25.4	25.4	0.000	499463	0.16000	0.14		(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

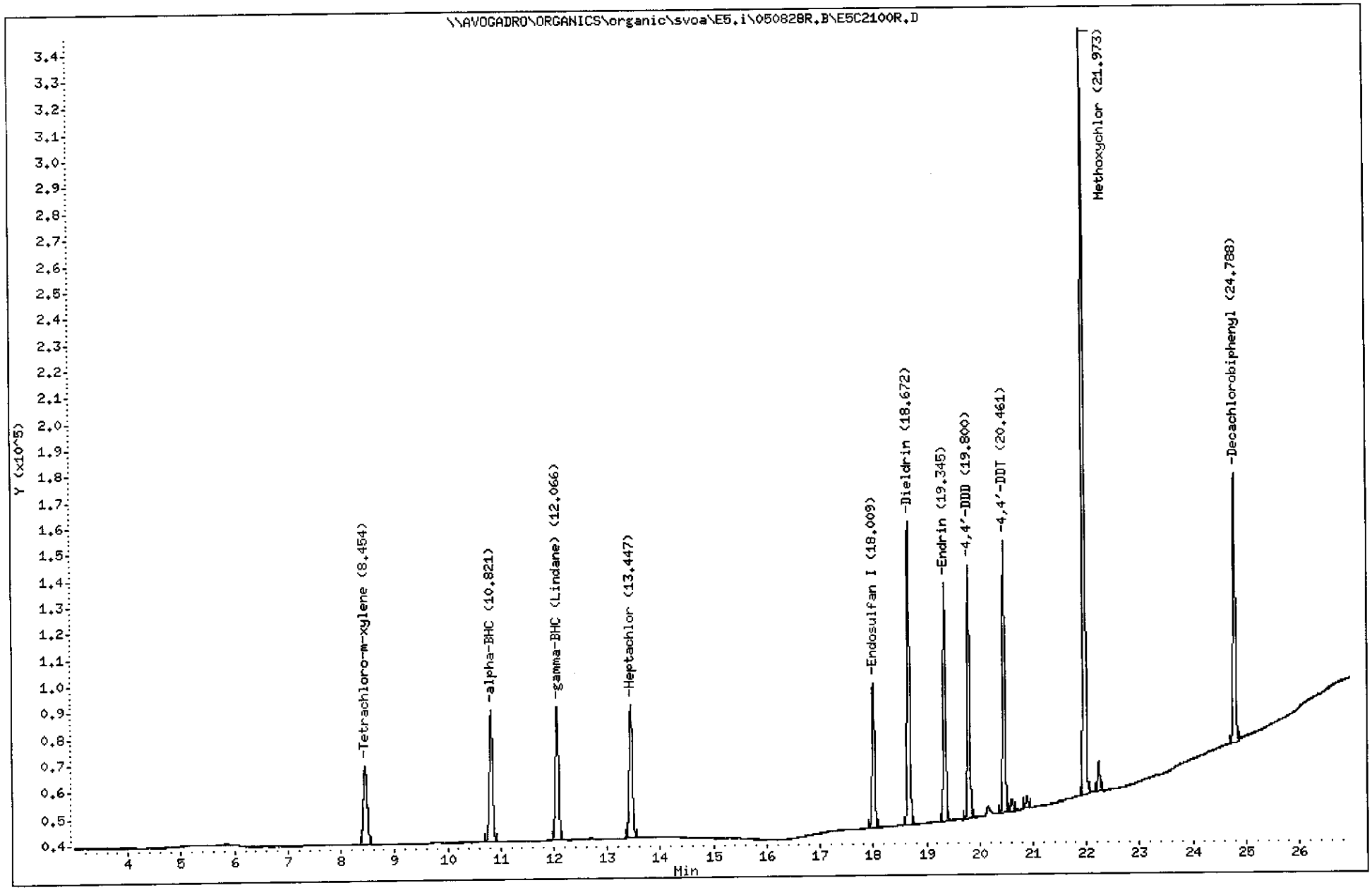
Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2100F.D
Date : 28-AUG-2005 14:33
Client ID: INDALZ1
Instrument: E5.i
Sample Info: INDALZ1,INDALZ1,,inda,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2100R.D
Date : 28-AUG-2005 14:33
Client ID: INDALZ1
Sample Info: INDALZ1,INDALZ1,,inda,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2100F.D
Report Date: 30-Aug-2005 11:31

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2100F.D
Lab Smp Id: INDALZ1 Client Smp ID: INDALZ1
Inj Date : 28-AUG-2005 14:33
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDALZ1,INDALZ1,,inda.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 09:00 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 17:05 Cal File: E5C2105F.D
Als bottle: 10 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT	AMOUNTS ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.27	6.27	0.000	120176	0.00500	0.0062		(a)
3 alpha-BHC					CAS #: 319-84-6		
8.33	8.32	0.010	177760	0.00500	0.0057		(a)
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
9.42	9.42	0.000	182322	0.00500	0.0059		(a)
5 Heptachlor					CAS #: 76-44-8		
10.9	10.9	0.000	224726	0.00500	0.0061		(a)

Data File: E5C2100F.D
Report Date: 30-Aug-2005 11:31

	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
	10 Endosulfan I						CAS #: 959-98-8		
	14.9	14.9	0.000	238671	0.00500	0.0061			(a)
	14 Dieldrin						CAS #: 60-57-1		
	16.1	16.1	0.000	463880	0.01000	0.011			(a)
	15 Endrin						CAS #: 72-20-8		
	17.0	17.0	0.000	376164	0.01000	0.012			(a)
	16 4,4'-DDD						CAS #: 72-54-8		
	17.5	17.5	0.000	391566	0.01000	0.011			(a)
	18 4,4'-DDT						CAS #: 50-29-3		
	18.1	18.1	0.000	432810	0.01000	0.012			(a)
	21 Methoxychlor						CAS #: 72-43-5		
	19.3	19.3	0.000	1195449	0.05000	0.063			(a)
$	2 Decachlorobiphenyl						CAS #: 2051-24-3		
	22.3	22.3	0.000	448226	0.01000	0.013			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC
8/30/05

Data File: E5C2100R.D
Report Date: 30-Aug-2005 11:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2100R.D
Lab Smp Id: INDALZ1 Client Smp ID: INDALZ1
Inj Date : 28-AUG-2005 14:33
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDALZ1,INDALZ1,,inda.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 09:03 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 17:05 Cal File: E5C2105R.D
Als bottle: 10 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS				
				CAL-AMT	ON-COL			
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1	Tetrachloro-m-xylene					CAS #: 877-09-8		
	8.45	8.45	0.000	146555	0.00500	0.0062		(aM)
4	alpha-BHC					CAS #: 319-84-6		
	10.8	10.8	0.000	208820	0.00500	0.0057		(a)
5	gamma-BHC (Lindane)					CAS #: 58-89-9		
	12.1	12.1	0.000	200300	0.00500	0.0059		(a)
6	Heptachlor					CAS #: 76-44-8		
	13.4	13.4	0.000	213617	0.00500	0.0062		(a)

Data File: E5C2100R.D
Report Date: 30-Aug-2005 11:33

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
11 Endosulfan I						CAS #: 959-98-8	
18.0	18.0	0.000	180338	0.00500	0.0062		(a)
15 Dieldrin						CAS #: 60-57-1	
18.7	18.7	0.000	356111	0.01000	0.012		(a)
16 Endrin						CAS #: 72-20-8	
19.3	19.3	0.000	271267	0.01000	0.012		(a)
17 4,4'-DDD						CAS #: 72-54-8	
19.8	19.8	0.000	278181	0.01000	0.012		(a)
19 4,4'-DDT						CAS #: 50-29-3	
20.5	20.5	0.000	300300	0.01000	0.012		(a)
22 Methoxychlor						CAS #: 72-43-5	
22.0	22.0	0.000	843516	0.05000	0.063		(a)
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3	
24.8	24.8	0.000	311851	0.01000	0.013		(a)

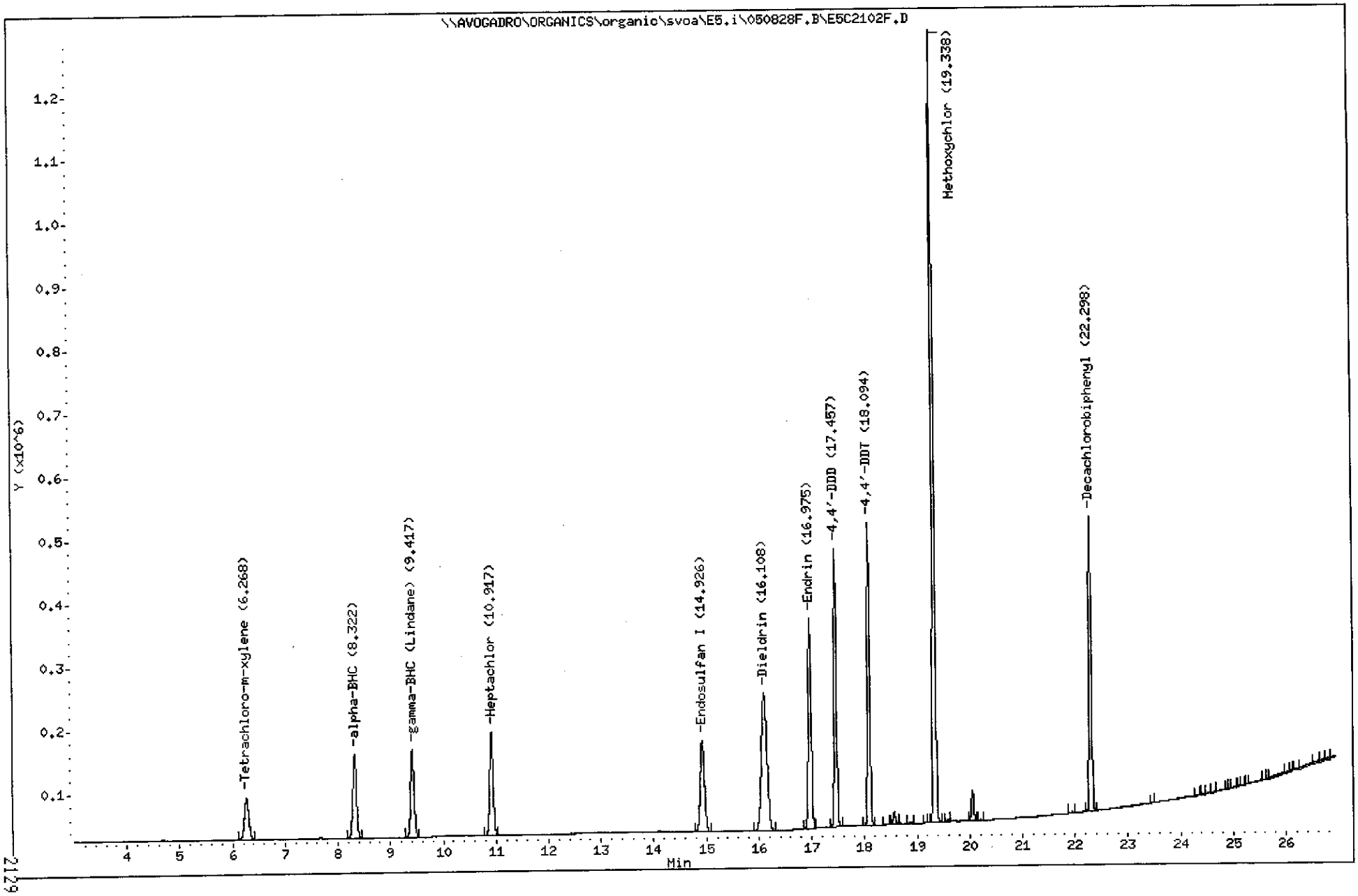
QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

KC
8/30/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2102F.D
Date : 28-AUG-2005 15:34
Client ID: INDAMZ1
Sample Info: INDAMZ1,INDAMZ1,,inda,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53

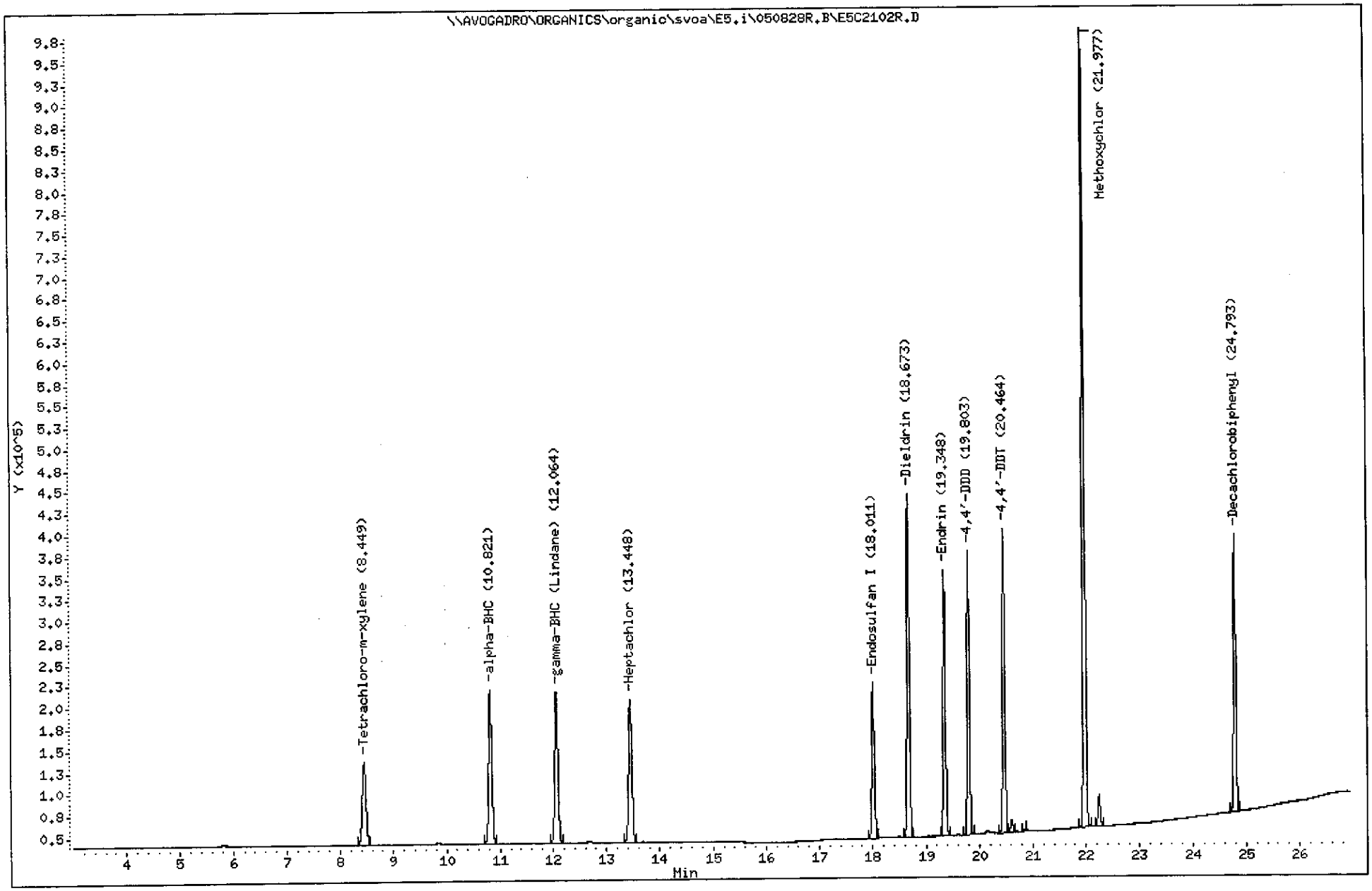


2129

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2102R.D
Date : 28-AUG-2005 15:34
Client ID: INDAMZ1
Sample Info: INDAMZ1,INDAMZ1,,inda.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



2130

Data File: E5C2102F.D
Report Date: 30-Aug-2005 11:32

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2102F.D
Lab Smp Id: INDAMZ1 Client Smp ID: INDAMZ1
Inj Date : 28-AUG-2005 15:34
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDAMZ1,INDAMZ1,,inda.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 09:00 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 17:05 Cal File: E5C2105F.D
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT	AMOUNTS ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.27	6.27	0.000	386414	0.02000	0.020		(a)
3 alpha-BHC					CAS #: 319-84-6		
8.32	8.32	0.000	626774	0.02000	0.020		(a)
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
9.42	9.42	0.000	620939	0.02000	0.020		(a)
5 Heptachlor					CAS #: 76-44-8		
10.9	10.9	0.000	736080	0.02000	0.020		(a)

Data File: E5C2102F.D
Report Date: 30-Aug-2005 11:32

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
10 Endosulfan I						CAS #: 959-98-8		
14.9	14.9	0.000	784184	0.02000	0.020			(a)
14 Dieldrin						CAS #: 60-57-1		
16.1	16.1	0.000	1625138	0.04000	0.040			(a)
15 Endrin						CAS #: 72-20-8		
17.0	17.0	0.000	1295371	0.04000	0.040			(a)
16 4,4'-DDD						CAS #: 72-54-8		
17.5	17.5	0.000	1371932	0.04000	0.040			(a)
18 4,4'-DDT						CAS #: 50-29-3		
18.1	18.1	0.000	1495989	0.04000	0.040			(a)
21 Methoxychlor						CAS #: 72-43-5		
19.3	19.3	0.000	3798965	0.20000	0.20			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
22.3	22.3	0.000	1415532	0.04000	0.040			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC
8/30/05

Data File: E5C2102R.D
Report Date: 30-Aug-2005 11:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2102R.D
Lab Smp Id: INDAMZ1 Client Smp ID: INDAMZ1
Inj Date : 28-AUG-2005 15:34
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDAMZ1,INDAMZ1,,inda.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 09:03 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 17:05 Cal File: E5C2105R.D
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
RT	EXP RT	DLT RT	RESPONSE					
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
8.45	8.45	0.000	469800	0.02000	0.020			(a)
4 alpha-BHC					CAS #: 319-84-6			
10.8	10.8	0.000	727788	0.02000	0.020			(a)
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
12.1	12.1	0.000	679536	0.02000	0.020			(a)
6 Heptachlor					CAS #: 76-44-8			
13.4	13.4	0.000	688768	0.02000	0.020			(a)

Data File: E5C2102R.D
Report Date: 30-Aug-2005 11:33

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
11 Endosulfan I						CAS #: 959-98-8		
18.0	18.0	0.000	577178	0.02000	0.020			(a)
15 Dieldrin						CAS #: 60-57-1		
18.7	18.7	0.000	1210258	0.04000	0.040			(a)
16 Endrin						CAS #: 72-20-8		
19.3	19.3	0.000	908010	0.04000	0.040			(a)
17 4,4'-DDD						CAS #: 72-54-8		
19.8	19.8	0.000	944234	0.04000	0.040			(a)
19 4,4'-DDT						CAS #: 50-29-3		
20.5	20.5	0.000	1010269	0.04000	0.040			(a)
22 Methoxychlor						CAS #: 72-43-5		
22.0	22.0	0.000	2677888	0.20000	0.20			(a)
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3		
24.8	24.8	0.000	968362	0.04000	0.040			(a)

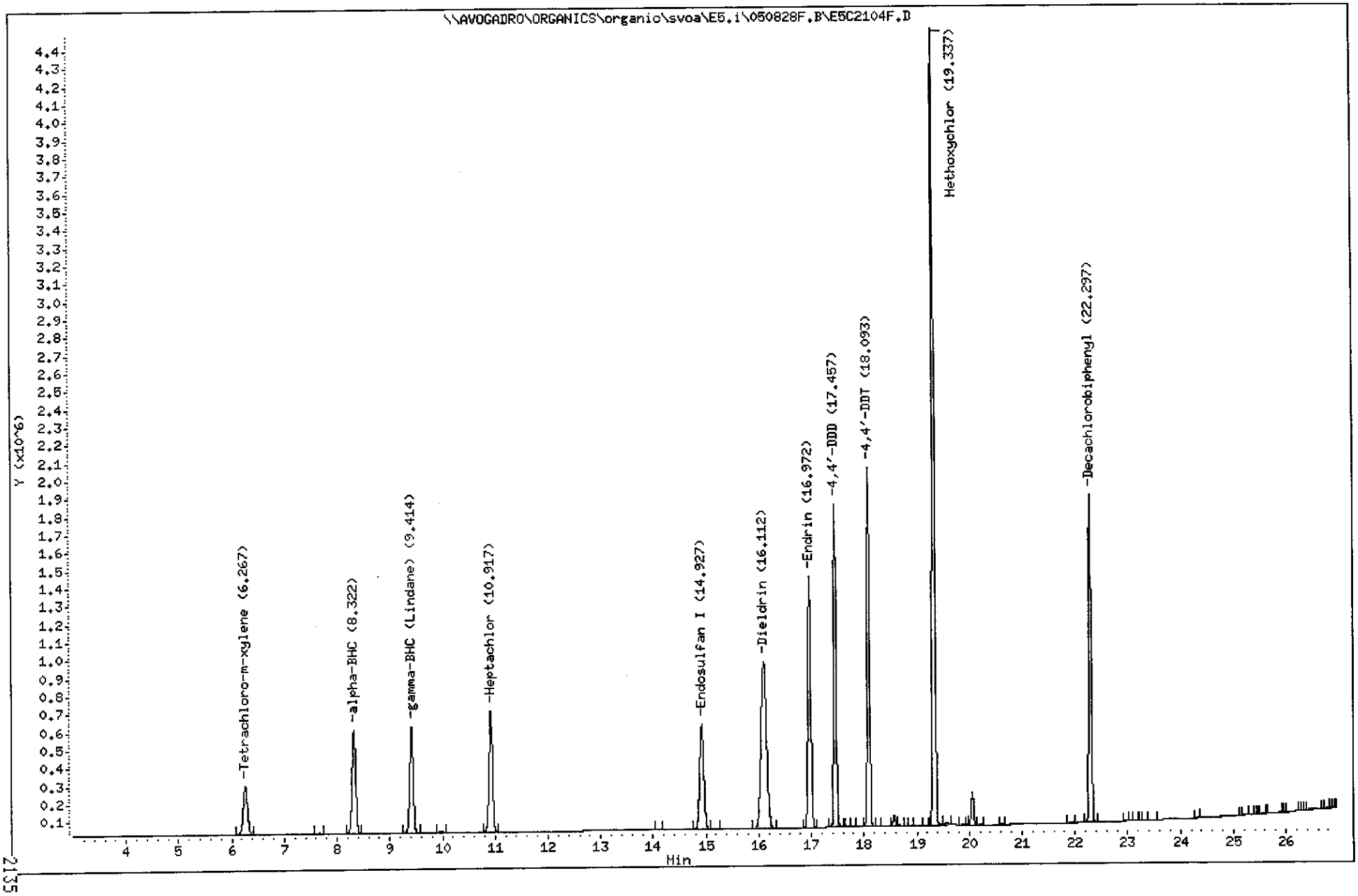
QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC
8/30/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2104F.D
Date : 28-AUG-2005 16:35
Client ID: INDAHZ1
Sample Info: INDAHZ1,INDAHZ1,,inda,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

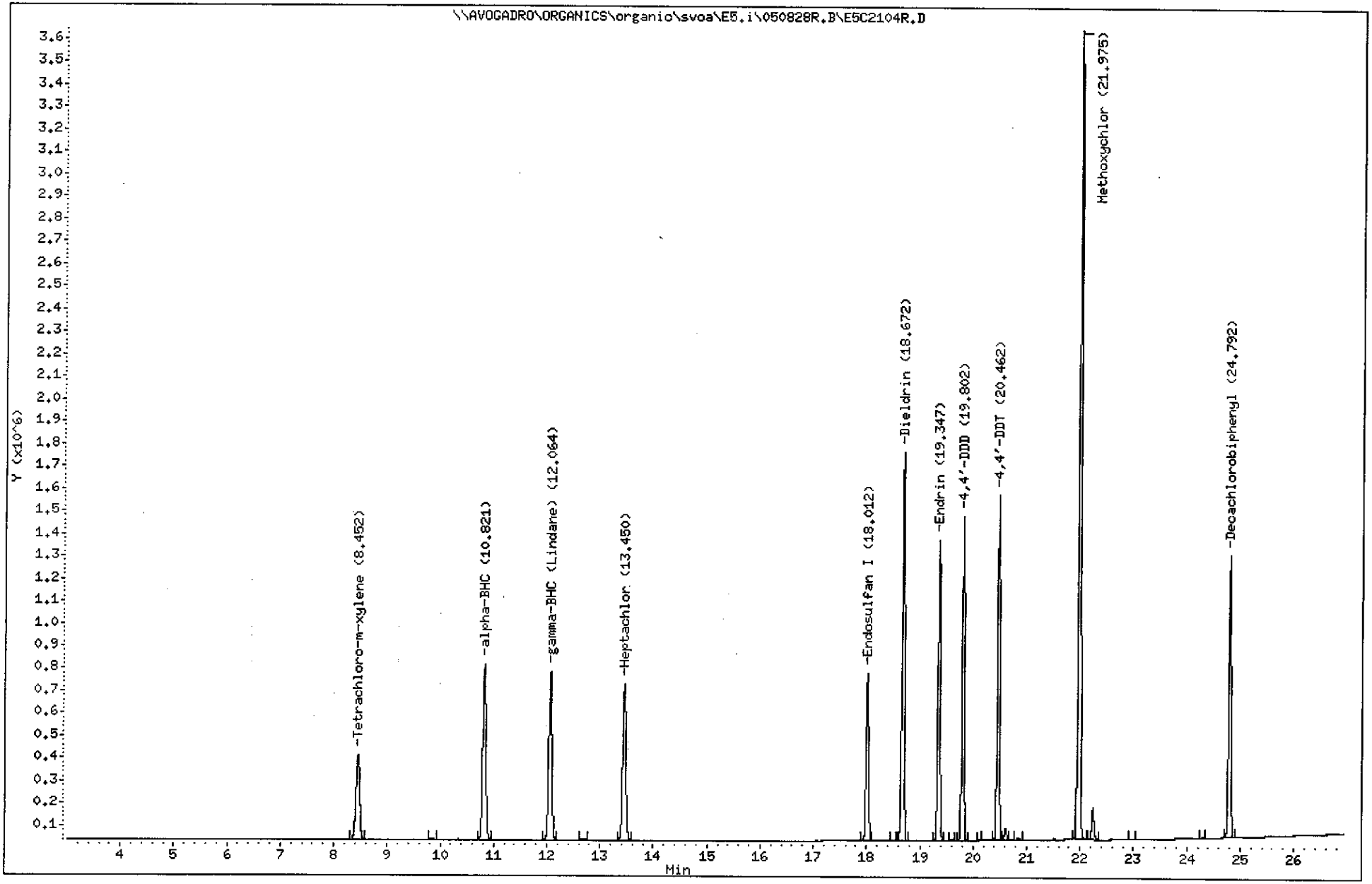
Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



2135

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2104R.D
Date : 28-AUG-2005 16:35
Client ID: INDAHZ1
Sample Info: INDAHZ1,INDAHZ1,,inda.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2104F.D
Report Date: 30-Aug-2005 11:32

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2104F.D
Lab Smp Id: INDAHZ1 Client Smp ID: INDAHZ1
Inj Date : 28-AUG-2005 16:35
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDAHZ1,INDAHZ1,,inda.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 09:00 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 17:05 Cal File: E5C2105F.D
Als bottle: 14 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.27	6.27	0.000	1552013	0.08000	0.080		(A)
3 alpha-BHC					CAS #: 319-84-6		
8.32	8.32	0.000	2778292	0.08000	0.089		(A)
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
9.41	9.42	-0.010	2680218	0.08000	0.086		(A)
5 Heptachlor					CAS #: 76-44-8		
10.9	10.9	0.000	3069908	0.08000	0.083		(A)

Data File: E5C2104F.D
Report Date: 30-Aug-2005 11:32

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO
10 Endosulfan I						CAS #: 959-98-8	
14.9	14.9	0.000	3192166	0.08000	0.081		(A)
14 Dieldrin						CAS #: 60-57-1	
16.1	16.1	0.000	7034214	0.16000	0.17		(A)
15 Endrin						CAS #: 72-20-8	
17.0	17.0	0.000	5509260	0.16000	0.17		(A)
16 4,4'-DDD						CAS #: 72-54-8	
17.5	17.5	0.000	5719044	0.16000	0.17		(A)
18 4,4'-DDT						CAS #: 50-29-3	
18.1	18.1	0.000	6224916	0.16000	0.17		(A)
21 Methoxychlor						CAS #: 72-43-5	
19.3	19.3	0.000	13768677	0.80000	0.72		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
22.3	22.3	0.000	5502276	0.16000	0.16		(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

KC
8/30/05

Data File: E5C2104R.D
Report Date: 30-Aug-2005 11:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2104R.D
Lab Smp Id: INDAHZ1 Client Smp ID: INDAHZ1
Inj Date : 28-AUG-2005 16:35
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDAHZ1,INDAHZ1,,inda.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 09:03 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 17:05 Cal File: E5C2105R.D
Als bottle: 14 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.45	8.45	0.000	1843640	0.08000	0.078		
4 alpha-BHC					CAS #: 319-84-6		
10.8	10.8	0.000	3201775	0.08000	0.088		(A)
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
12.1	12.1	0.000	2924290	0.08000	0.086		(A)
6 Heptachlor					CAS #: 76-44-8		
13.4	13.4	0.000	2864921	0.08000	0.083		(A)

Data File: E5C2104R.D
Report Date: 30-Aug-2005 11:33

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
11 Endosulfan I						CAS #: 959-98-8		
18.0	18.0	0.000	2359438	0.08000	0.082			(A)
15 Dieldrin						CAS #: 60-57-1		
18.7	18.7	0.000	5218333	0.16000	0.17			(A)
16 Endrin						CAS #: 72-20-8		
19.3	19.3	0.000	3949303	0.16000	0.17			(A)
17 4,4'-DDD						CAS #: 72-54-8		
19.8	19.8	0.000	4086761	0.16000	0.17			(A)
19 4,4'-DDT						CAS #: 50-29-3		
20.5	20.5	0.000	4364679	0.16000	0.17			(A)
22 Methoxychlor						CAS #: 72-43-5		
22.0	22.0	0.000	10426032	0.80000	0.78			
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3		
24.8	24.8	0.000	3733116	0.16000	0.15			(A)

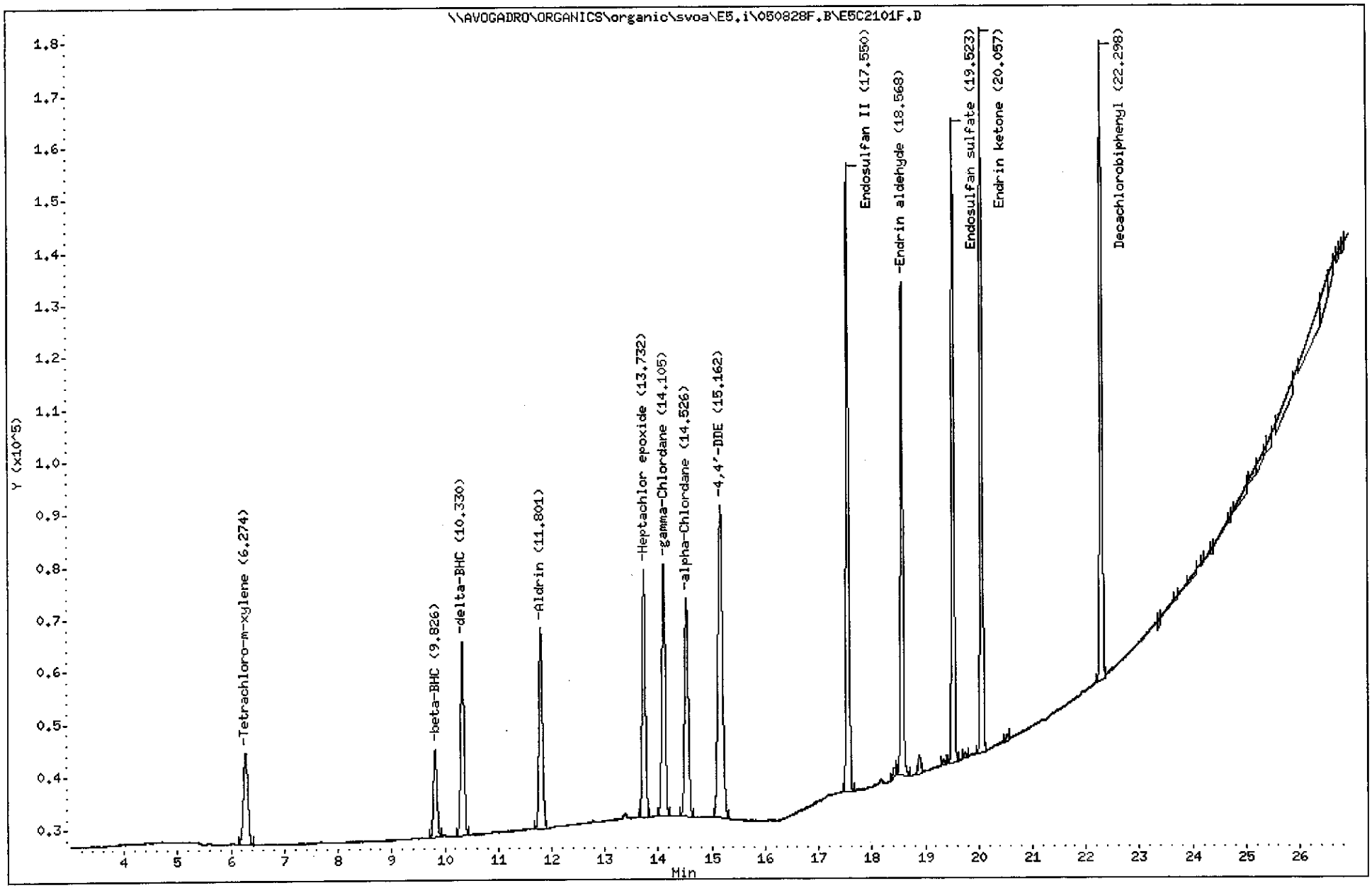
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

KL
8/30/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2101F.D
Date : 28-AUG-2005 15:03
Client ID: INDBLZ1
Sample Info: INDBLZ1,INDBLZ1,,indb.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

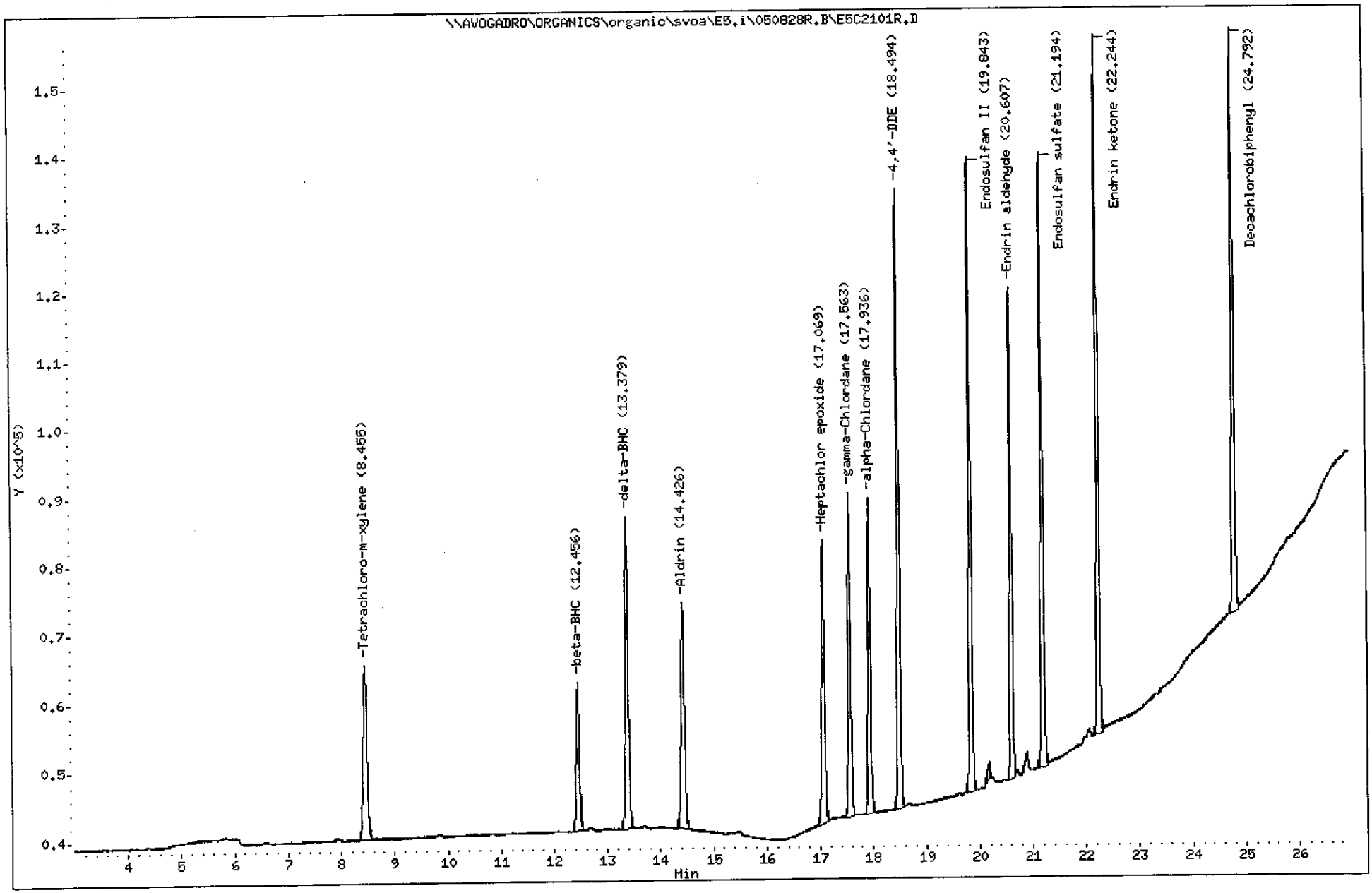
Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2101R.D
Date : 28-AUG-2005 15:03
Client ID: INDBLZ1
Sample Info: INDBLZ1,INDBLZ1,,indb,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2101F.D
Report Date: 30-Aug-2005 11:31

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2101F.D
Lab Smp Id: INDBLZ1 Client Smp ID: INDBLZ1
Inj Date : 28-AUG-2005 15:03
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBLZ1,INDBLZ1,,indb.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 09:00 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 17:05 Cal File: E5C2105F.D
Als bottle: 11 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.27	6.27	0.000	103109	0.00500	0.0053		(a)
6 Aldrin					CAS #: 309-00-2		
11.8	11.8	0.000	171167	0.00500	0.0050		(a)
7 beta-BHC					CAS #: 319-85-7		
9.83	9.82	0.010	76303	0.00500	0.0056		(a)
8 delta-BHC					CAS #: 319-86-8		
10.3	10.3	0.000	162197	0.00500	0.0048		(a)

Data File: E5C2101F.D
Report Date: 30-Aug-2005 11:31

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
9 Heptachlor epoxide						CAS #: 1024-57-3		
13.7	13.7	0.000	198177	0.00500	0.0052			(a)
11 gamma-Chlordane						CAS #: 5103-74-2		
14.1	14.1	0.000	207066	0.00500	0.0052			(a)
12 alpha-Chlordane						CAS #: 5103-71-9		
14.5	14.5	0.000	198942	0.00500	0.0053			(a)
13 4,4'-DDE						CAS #: 72-55-9		
15.2	15.2	0.000	353518	0.01000	0.0096			(a)
17 Endosulfan II						CAS #: 33213-65-9		
17.5	17.6	-0.100	387285	0.01000	0.011			(a)
19 Endrin aldehyde						CAS #: 7421-93-4		
18.6	18.6	0.000	300964	0.01000	0.010			(a)
20 Endosulfan sulfate						CAS #: 1031-07-8		
19.5	19.5	0.000	375322	0.01000	0.010			(a)
22 Endrin ketone						CAS #: 53494-70-5		
20.1	20.1	0.000	411701	0.01000	0.010			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
22.3	22.3	0.000	379391	0.01000	0.011			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC
8/30/05

Data File: E5C2101R.D
Report Date: 30-Aug-2005 11:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2101R.D
Lab Smp Id: INDBLZ1 Client Smp ID: INDBLZ1
Inj Date : 28-AUG-2005 15:03
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBLZ1,INDBLZ1,,indb.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 09:03 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 17:05 Cal File: E5C2105R.D
Als bottle: 11 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
8.45	8.45	0.000	125909	0.00500	0.0054			(a)
7 Aldrin						CAS #: 309-00-2		
14.4	14.4	0.000	149429	0.00500	0.0052			(a)
8 beta-BHC						CAS #: 319-85-7		
12.5	12.5	0.000	84402	0.00500	0.0055			(a)
9 delta-BHC						CAS #: 319-86-8		
13.4	13.4	0.000	170569	0.00500	0.0050			(a)

Data File: E5C2101R.D
Report Date: 30-Aug-2005 11:33

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
10 Heptachlor epoxide						CAS #: 1024-57-3		
17.1	17.1	0.000	156501	0.00500	0.0054			(a)
12 gamma-Chlordane						CAS #: 5103-74-2		
17.6	17.6	0.000	157099	0.00500	0.0054			(a)
13 alpha-Chlordane						CAS #: 5103-71-9		
17.9	17.9	0.000	149042	0.00500	0.0054			(a)
14 4,4'-DDE						CAS #: 72-55-9		
18.5	18.5	0.000	271939	0.01000	0.0098			(a)
18 Endosulfan II						CAS #: 33213-65-9		
19.8	19.8	0.000	279585	0.01000	0.011			(a)
20 Endrin aldehyde						CAS #: 7421-93-4		
20.6	20.6	0.000	212994	0.01000	0.011			(a)
21 Endosulfan sulfate						CAS #: 1031-07-8		
21.2	21.2	0.000	266525	0.01000	0.010			(a)
23 Endrin ketone						CAS #: 53494-70-5		
22.2	22.2	0.000	294485	0.01000	0.010			(a)
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3		
24.8	24.8	0.000	261919	0.01000	0.011			(a)

QC Flag Legend

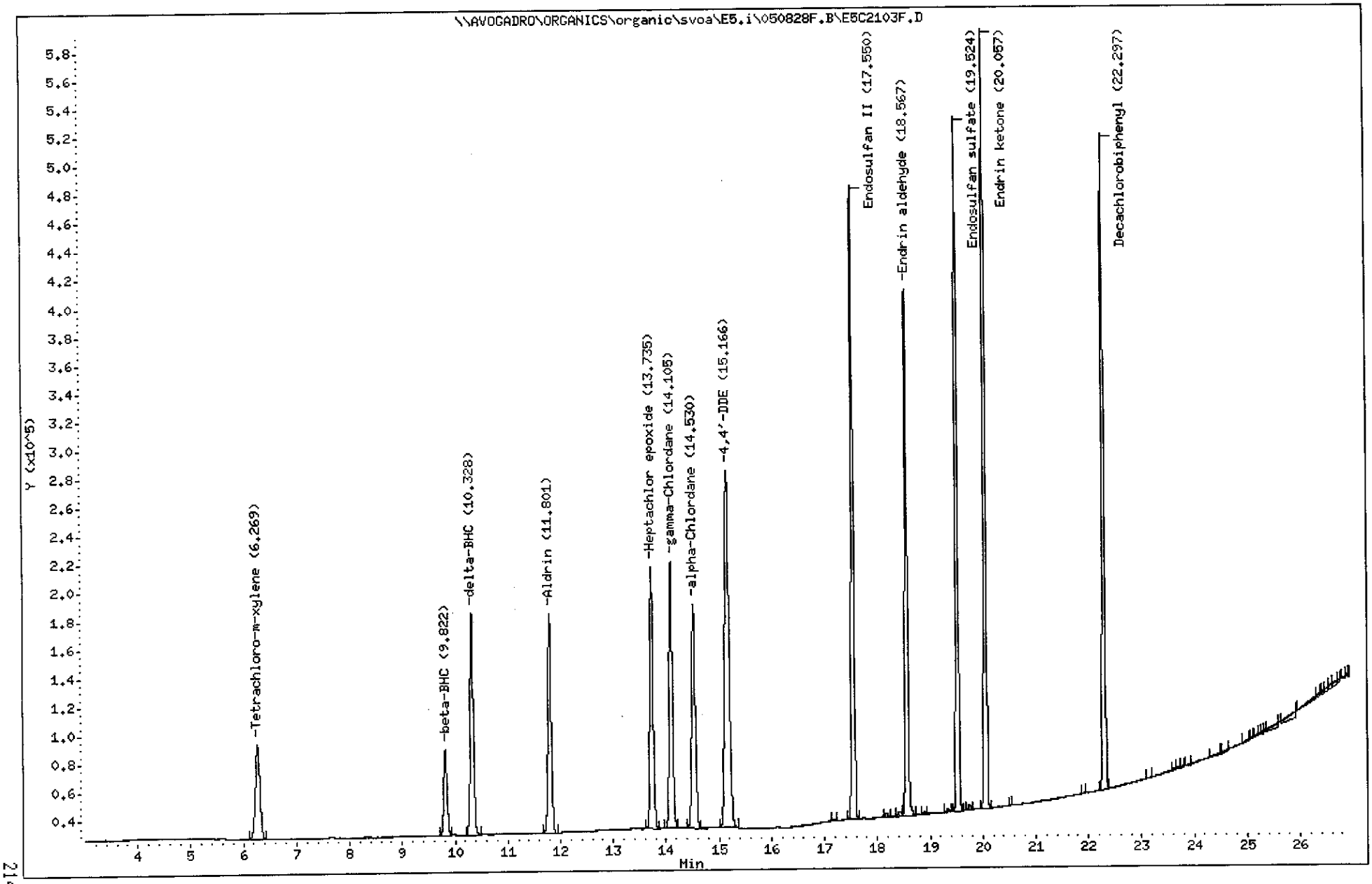
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC
8/30/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2103F.D
Date : 28-AUG-2005 16:04
Client ID: INDBMZ1
Sample Info: INDBMZ1,INDBMZ1,,indb.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E5.i

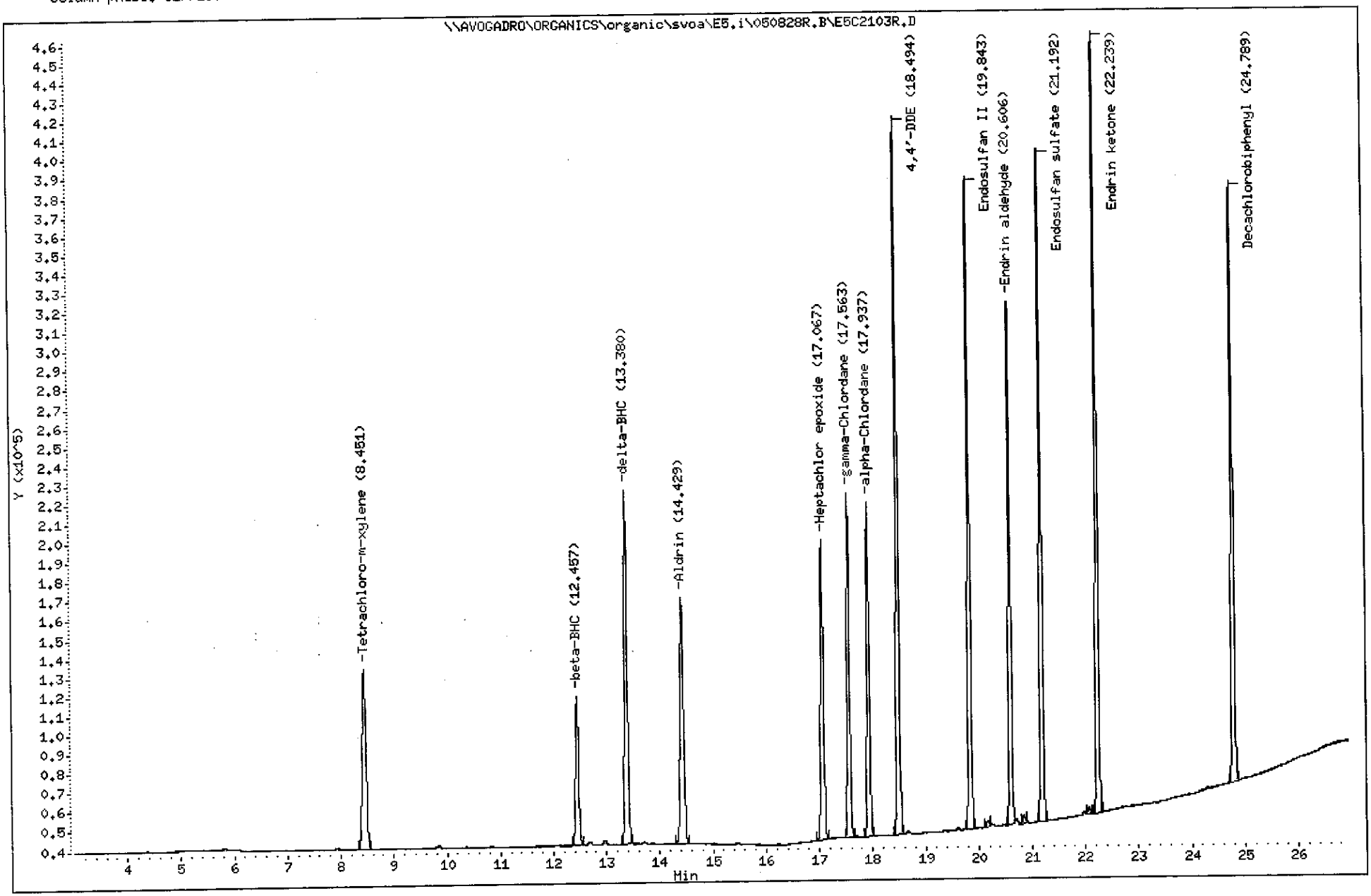
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2103R.D
Date : 28-AUG-2005 16:04
Client ID: INDBMZ1
Sample Info: INDBMZ1,INDBMZ1,,indb,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2103F.D
Report Date: 30-Aug-2005 11:32

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2103F.D
Lab Smp Id: INDBMZ1 Client Smp ID: INDBMZ1
Inj Date : 28-AUG-2005 16:04
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBMZ1,INDBMZ1,,indb.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 09:00 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 17:05 Cal File: E5C2105F.D
Als bottle: 13 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
6.27	6.27	0.000	385041	0.02000	0.020			(a)
6 Aldrin						CAS #: 309-00-2		
11.8	11.8	0.000	678982	0.02000	0.020			(a)
7 beta-BHC						CAS #: 319-85-7		
9.82	9.82	0.000	274357	0.02000	0.020			(a)
8 delta-BHC						CAS #: 319-86-8		
10.3	10.3	0.000	673307	0.02000	0.020			(a)

Data File: E5C2103F.D
Report Date: 30-Aug-2005 11:32

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
9 Heptachlor epoxide						CAS #: 1024-57-3		
13.7	13.7	0.000	760105	0.02000	0.020			(a)
11 gamma-Chlordane						CAS #: 5103-74-2		
14.1	14.1	0.000	792541	0.02000	0.020			(a)
12 alpha-Chlordane						CAS #: 5103-71-9		
14.5	14.5	0.000	746866	0.02000	0.020			(a)
13 4,4'-DDE						CAS #: 72-55-9		
15.2	15.2	0.000	1476248	0.04000	0.040			(a)
17 Endosulfan II						CAS #: 33213-65-9		
17.5	17.6	-0.100	1435966	0.04000	0.040			(a)
19 Endrin aldehyde						CAS #: 7421-93-4		
18.6	18.6	0.000	1171326	0.04000	0.040			(a)
20 Endosulfan sulfate						CAS #: 1031-07-8		
19.5	19.5	0.000	1494375	0.04000	0.040			(a)
22 Endrin ketone						CAS #: 53494-70-5		
20.1	20.1	0.000	1632529	0.04000	0.040			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
22.3	22.3	0.000	1394702	0.04000	0.039			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC 8/30/05

Data File: E5C2103R.D
Report Date: 30-Aug-2005 11:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2103R.D
Lab Smp Id: INDBMZ1 Client Smp ID: INDBMZ1
Inj Date : 28-AUG-2005 16:04
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBMZ1,INDBMZ1,,indb.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 09:03 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 17:05 Cal File: E5C2105R.D
Als bottle: 13 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
8.45	8.45	0.000	463533	0.02000	0.020			(a)
7 Aldrin						CAS #: 309-00-2		
14.4	14.4	0.000	575119	0.02000	0.020			(a)
8 beta-BHC						CAS #: 319-85-7		
12.5	12.5	0.000	304175	0.02000	0.020			(a)
9 delta-BHC						CAS #: 319-86-8		
13.4	13.4	0.000	683659	0.02000	0.020			(a)

Data File: E5C2103R.D
Report Date: 30-Aug-2005 11:33

			AMOUNTS			
			CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
10 Heptachlor epoxide					CAS #: 1024-57-3		
17.1	17.1	0.000	578122	0.02000	0.020		(a)
12 gamma-Chlordane					CAS #: 5103-74-2		
17.6	17.6	0.000	585720	0.02000	0.020		(a)
13 alpha-Chlordane					CAS #: 5103-71-9		
17.9	17.9	0.000	556579	0.02000	0.020		(a)
14 4,4'-DDE					CAS #: 72-55-9		
18.5	18.5	0.000	1106986	0.04000	0.040		(a)
18 Endosulfan II					CAS #: 33213-65-9		
19.8	19.8	0.000	1009557	0.04000	0.040		(a)
20 Endrin aldehyde					CAS #: 7421-93-4		
20.6	20.6	0.000	792142	0.04000	0.040		(a)
21 Endosulfan sulfate					CAS #: 1031-07-8		
21.2	21.2	0.000	1025516	0.04000	0.040		(a)
23 Endrin ketone					CAS #: 53494-70-5		
22.2	22.2	0.000	1155804	0.04000	0.040		(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.8	24.8	0.000	953798	0.04000	0.039		(a)

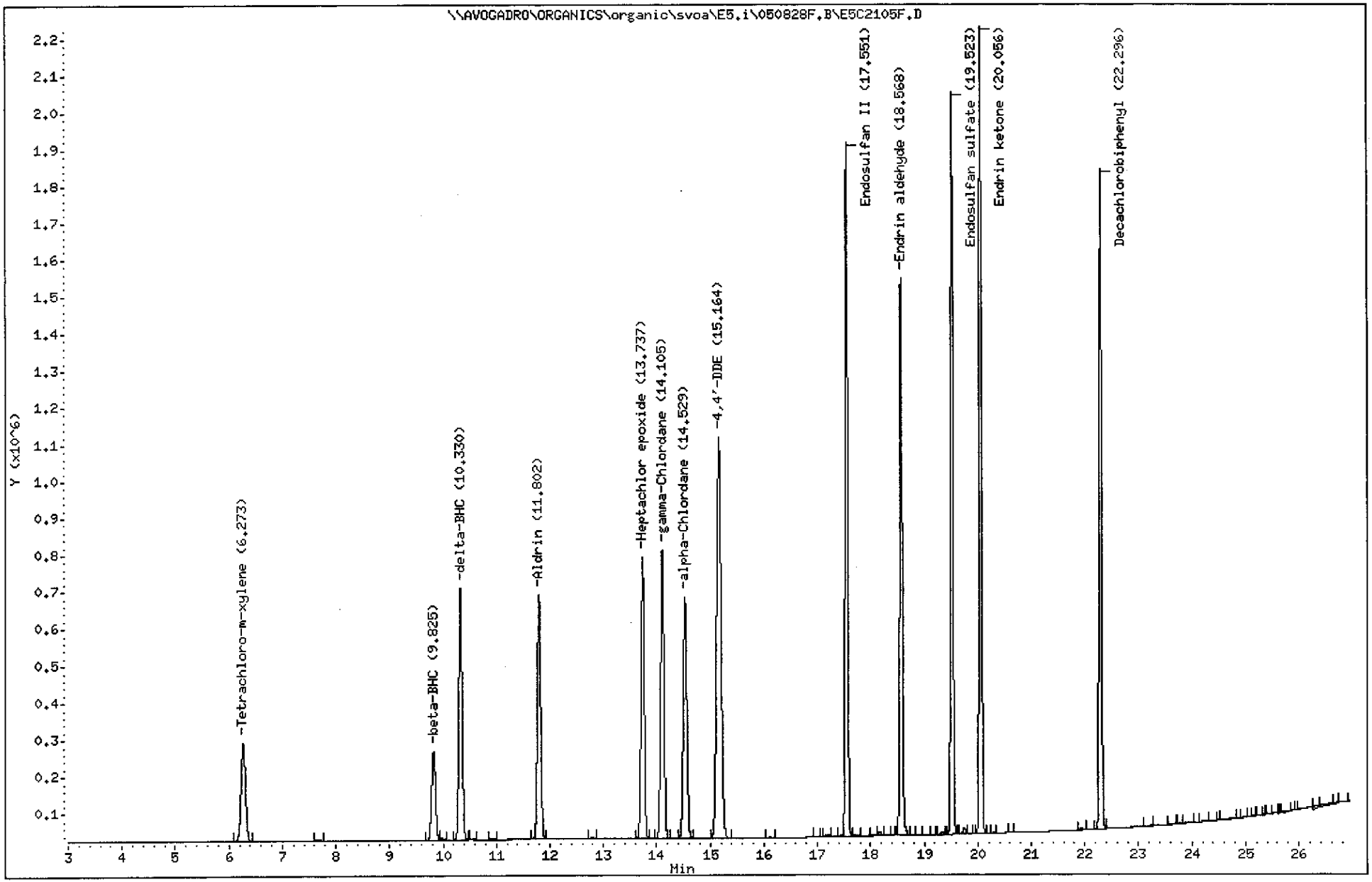
QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC
8/30/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2105F.D
Date : 28-AUG-2005 17:05
Client ID: INDBHZ1
Sample Info: INDBHZ1,INDBHZ1,,indb,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

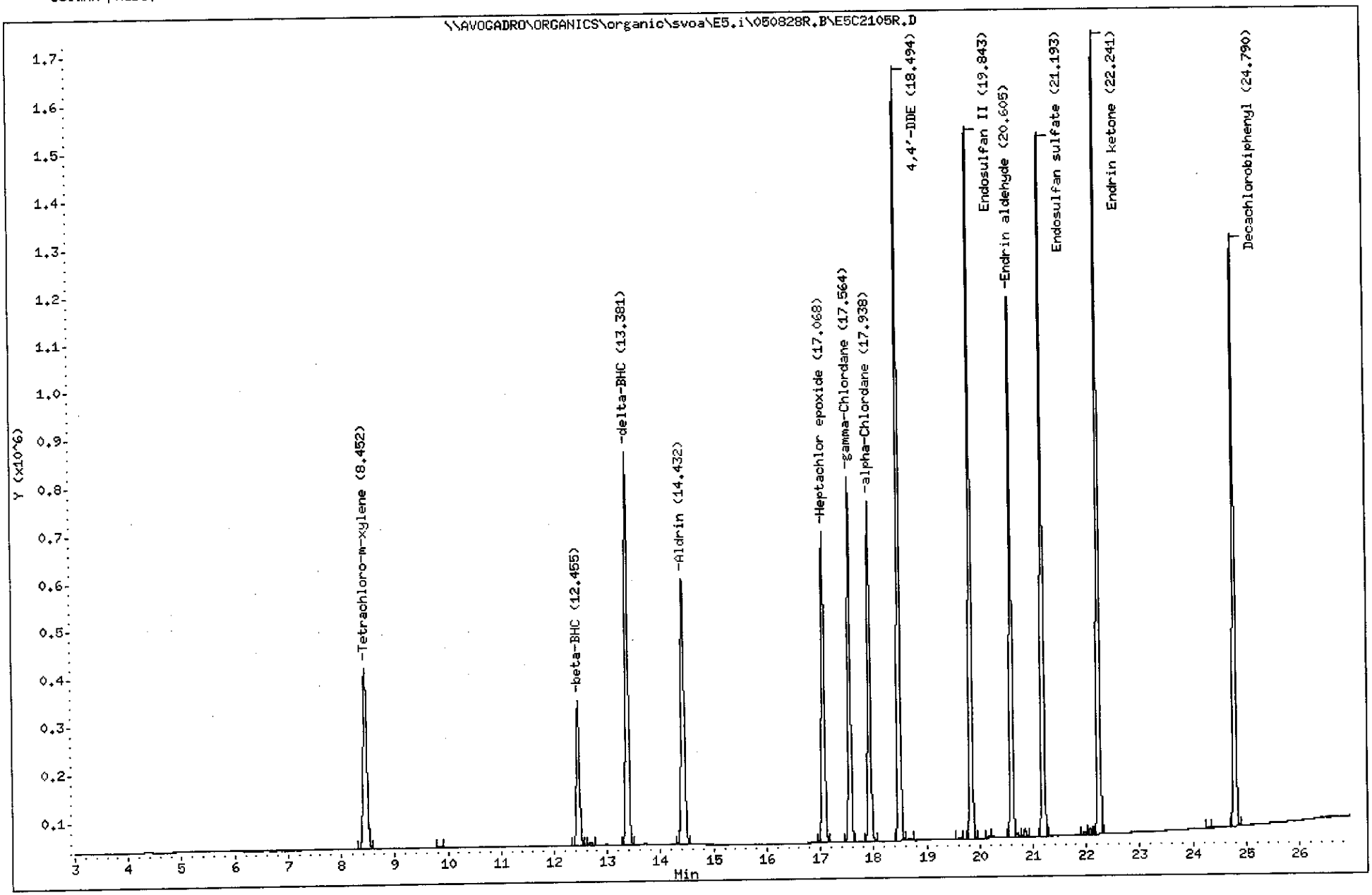
Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2105R.D
Date : 28-AUG-2005 17:05
Client ID: INDBHZ1
Sample Info: INDBHZ1,INDBHZ1,,indb,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2105F.D
Report Date: 30-Aug-2005 11:32

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2105F.D
Lab Smp Id: INDBHZ1 Client Smp ID: INDBHZ1
Inj Date : 28-AUG-2005 17:05
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBHZ1,INDBHZ1,,indb.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 09:00 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 17:05 Cal File: E5C2105F.D
Als bottle: 15 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.27	6.27	0.000	1541746	0.08000	0.080		
6 Aldrin					CAS #: 309-00-2		
11.8	11.8	0.000	2884240	0.08000	0.085		(A)
7 beta-BHC					CAS #: 319-85-7		
9.83	9.82	0.010	1079353	0.08000	0.079		
8 delta-BHC					CAS #: 319-86-8		
10.3	10.3	0.000	2907739	0.08000	0.086		(A)

Data File: E5C2105F.D
Report Date: 30-Aug-2005 11:32

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
9 Heptachlor epoxide						CAS #: 1024-57-3		
13.7	13.7	0.000	3130109	0.08000	0.082			(A)
11 gamma-Chlordane						CAS #: 5103-74-2		
14.1	14.1	0.000	3265193	0.08000	0.082			(A)
12 alpha-Chlordane						CAS #: 5103-71-9		
14.5	14.5	0.000	3037328	0.08000	0.081			(A)
13 4,4'-DDE						CAS #: 72-55-9		
15.2	15.2	0.000	6344809	0.16000	0.17			(A)
17 Endosulfan II						CAS #: 33213-65-9		
17.6	17.6	0.000	6150849	0.16000	0.17			(A)
19 Endrin aldehyde						CAS #: 7421-93-4		
18.6	18.6	0.000	4727324	0.16000	0.16			(A)
20 Endosulfan sulfate						CAS #: 1031-07-8		
19.5	19.5	0.000	6079000	0.16000	0.16			(A)
22 Endrin ketone						CAS #: 53494-70-5		
20.1	20.1	0.000	6559955	0.16000	0.16			(A)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
22.3	22.3	0.000	5425292	0.16000	0.15			(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

KC
8/30/05

Data File: E5C2105R.D
Report Date: 30-Aug-2005 11:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2105R.D
Lab Smp Id: INDBHZ1 Client Smp ID: INDBHZ1
Inj Date : 28-AUG-2005 17:05
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBHZ1,INDBHZ1,,indb.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 09:03 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 17:05 Cal File: E5C2105R.D
Als bottle: 15 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT	AMOUNTS ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
8.45	8.45	0.000	1846752	0.08000	0.079		
7 Aldrin						CAS #: 309-00-2	
14.4	14.4	0.000	2458478	0.08000	0.085		(A)
8 beta-BHC						CAS #: 319-85-7	
12.5	12.5	0.000	1177807	0.08000	0.077		
9 delta-BHC						CAS #: 319-86-8	
13.4	13.4	0.000	3018878	0.08000	0.088		(A)

Data File: E5C2105R.D
Report Date: 30-Aug-2005 11:33

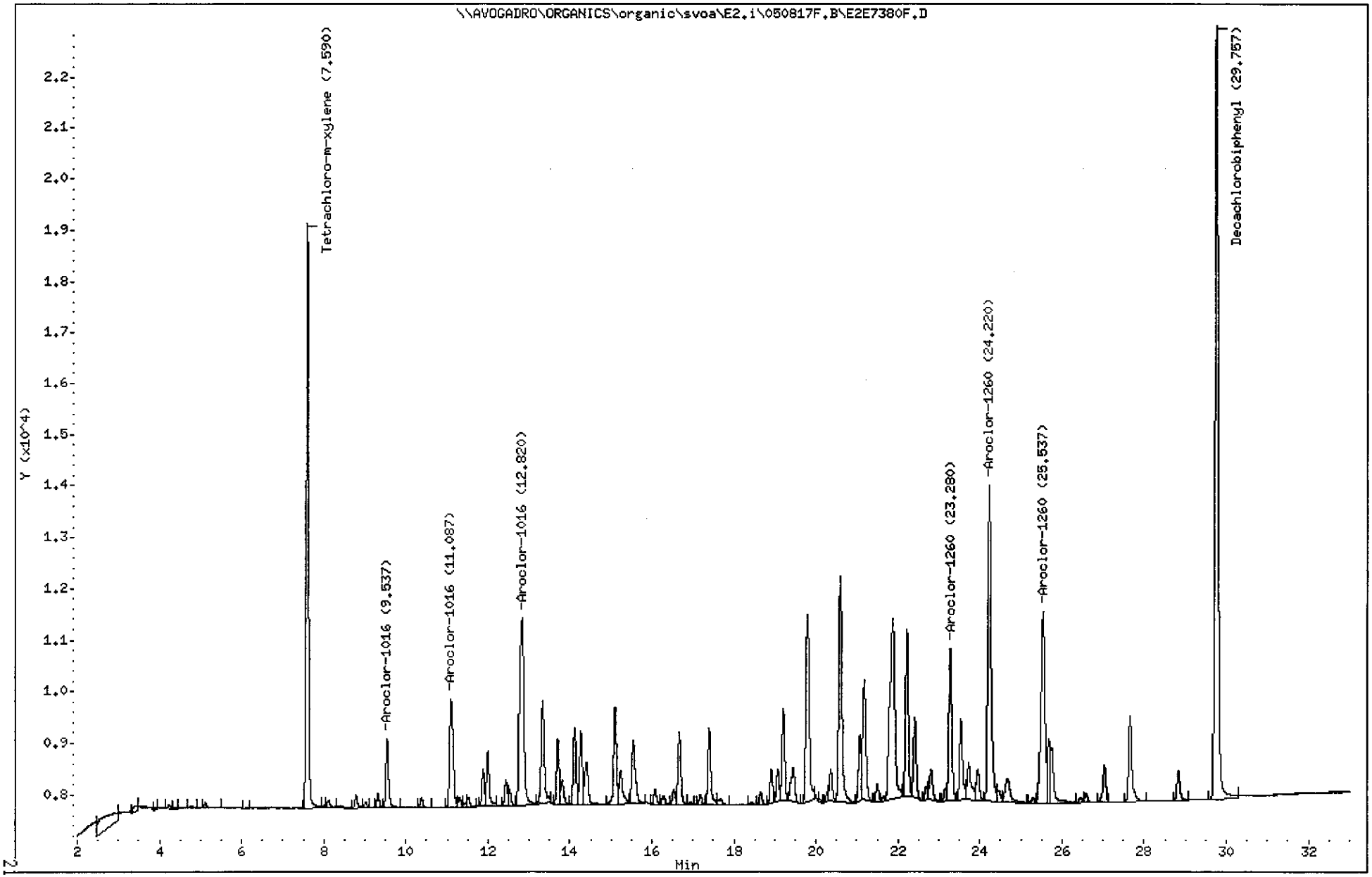
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
10 Heptachlor epoxide						CAS #: 1024-57-3		
17.1	17.1	0.000	2373836	0.08000	0.082			(A)
12 gamma-Chlordane						CAS #: 5103-74-2		
17.6	17.6	0.000	2430856	0.08000	0.083			(A)
13 alpha-Chlordane						CAS #: 5103-71-9		
17.9	17.9	0.000	2264928	0.08000	0.081			(A)
14 4,4'-DDE						CAS #: 72-55-9		
18.5	18.5	0.000	4770780	0.16000	0.17			(A)
18 Endosulfan II						CAS #: 33213-65-9		
19.8	19.8	0.000	4383804	0.16000	0.17			(A)
20 Endrin aldehyde						CAS #: 7421-93-4		
20.6	20.6	0.000	3247881	0.16000	0.16			(A)
21 Endosulfan sulfate						CAS #: 1031-07-8		
21.2	21.2	0.000	4204480	0.16000	0.16			(A)
23 Endrin ketone						CAS #: 53494-70-5		
22.2	22.2	0.000	4742450	0.16000	0.16			(A)
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3		
24.8	24.8	0.000	3672277	0.16000	0.15			(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

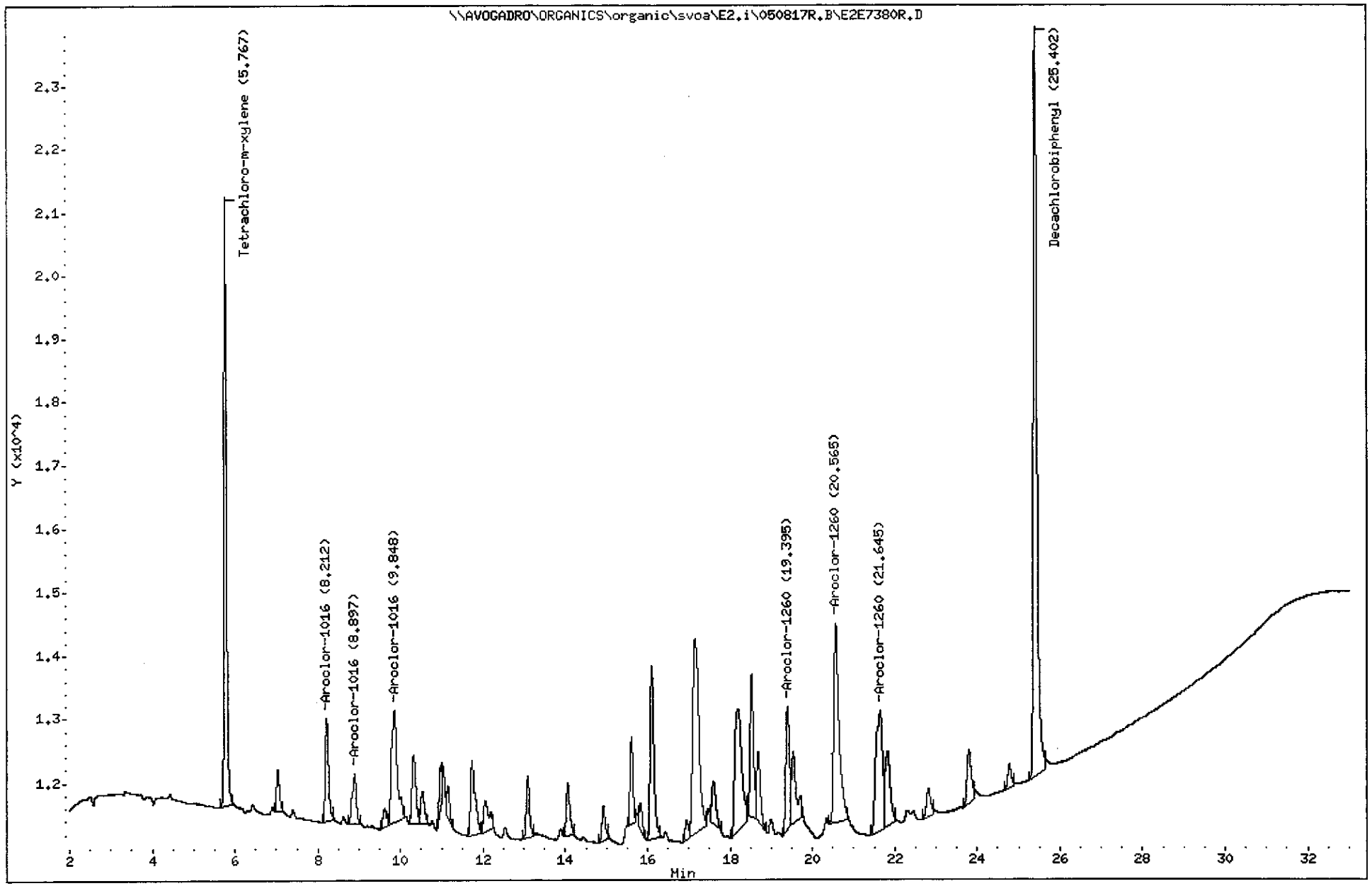
KC
8/31/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7380F.D
Date : 17-AUG-2005 21:00
Client ID: AR1660E1
Instrument: E2.i
Sample Info: AR1660E1,AR1660E1,,ar1660.sub
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



2159

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7380R.D
Date : 17-AUG-2005 21:00
Client ID: AR1660E1
Instrument: E2.i
Sample Info: AR1660E1,AR1660E1,,ar1660.sub
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



2160

Data File: E2E7380F.D
Report Date: 18-Aug-2005 18:22

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7380F.D
Lab Smp Id: AR1660E1 Client Smp ID: AR1660E1
Inj Date : 17-AUG-2005 21:00
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : AR1660E1,AR1660E1,,ar1660.sub
Misc Info : 1,1,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\clp-1262e4f.m
Meth Date : 18-Aug-2005 18:21 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388F.D
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1660.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.59	7.59	0.000	44250	0.00500	0.020		(a)
23 Aroclor-1016					CAS #: 12674-11-2		
9.54	9.54	0.000	6175	0.10000	0.10	80.00- 120.00	100.00(a)
11.1	11.1	0.000	12866	0.10000	0.10	188.36- 228.36	208.36
12.8	12.8	0.000	26456	0.10000	0.10	408.44- 448.44	428.44
Average of Peak Amounts =					0.1		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	80164	0.01000	0.021		(a)

SZ 08/19/05

Data File: E2E7380F.D
Report Date: 18-Aug-2005 18:22

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO
29 Aroclor-1260					CAS #: 11096-82-5		
23.3	23.3	0.000	14676	0.10000	0.10	80.00- 120.00	100.00(a)
24.2	24.2	0.000	35181	0.10000	0.10	219.72- 259.72	239.72
25.5	25.5	0.000	24412	0.10000	0.10	146.34- 186.34	166.34
		Average of Peak Amounts =			0.1		

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: E2E7380R.D
Report Date: 18-Aug-2005 18:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7380R.D
Lab Smp Id: AR1660E1 Client Smp ID: AR1660E1
Inj Date : 17-AUG-2005 21:00
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : AR1660E1,AR1660E1,,ar1660.sub
Misc Info : 1,1,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\clp1262-e2r.m
Meth Date : 18-Aug-2005 17:16 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388R.D
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1660.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.77	5.77	0.000	38342	0.00500	0.019		(a)
23 Aroclor-1016					CAS #: 12674-11-2		
8.21	8.21	0.000	8947	0.10000	0.10	80.00- 120.00	100.00(a)
8.90	8.90	0.000	5481	0.10000	0.10	41.26- 81.26	61.26
9.85	9.85	0.000	17092	0.10000	0.10	171.04- 211.04	191.04
Average of Peak Amounts =					0.1		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
25.4	25.4	0.000	72366	0.01000	0.020		(a)

SZ 08/19/05

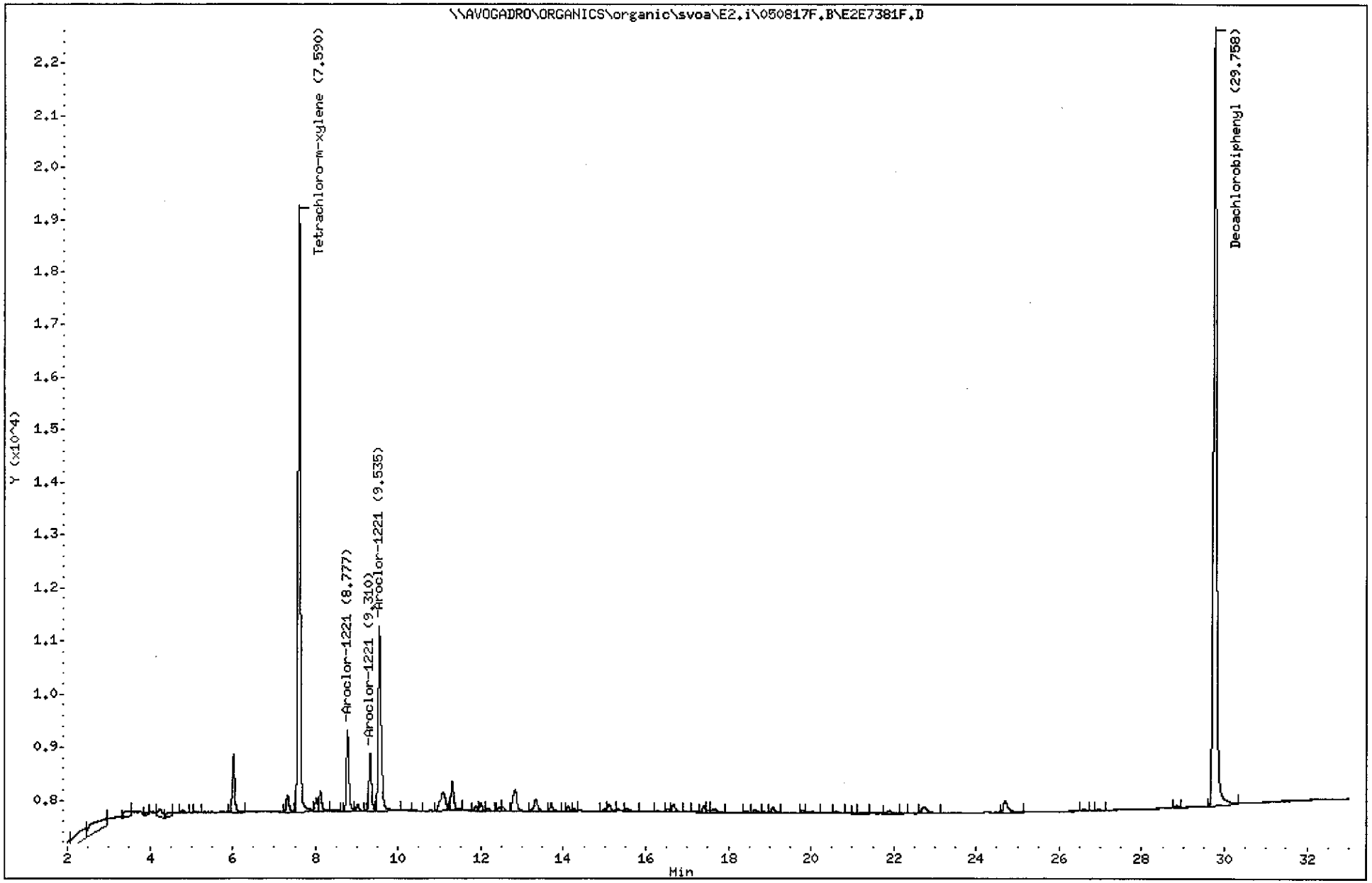
Data File: E2E7380R.D
Report Date: 18-Aug-2005 18:23

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO
29 Aroclor-1260					CAS #: 11096-82-5		
19.4	19.4	0.000	11596	0.10000	0.10	80.00- 120.00	100.00(a)
20.6	20.6	0.000	27528	0.10000	0.10	217.39- 257.39	237.39
21.6	21.6	0.000	20658	0.10000	0.10	158.15- 198.15	178.15
		Average of Peak Amounts =			0.1		

QC Flag Legend

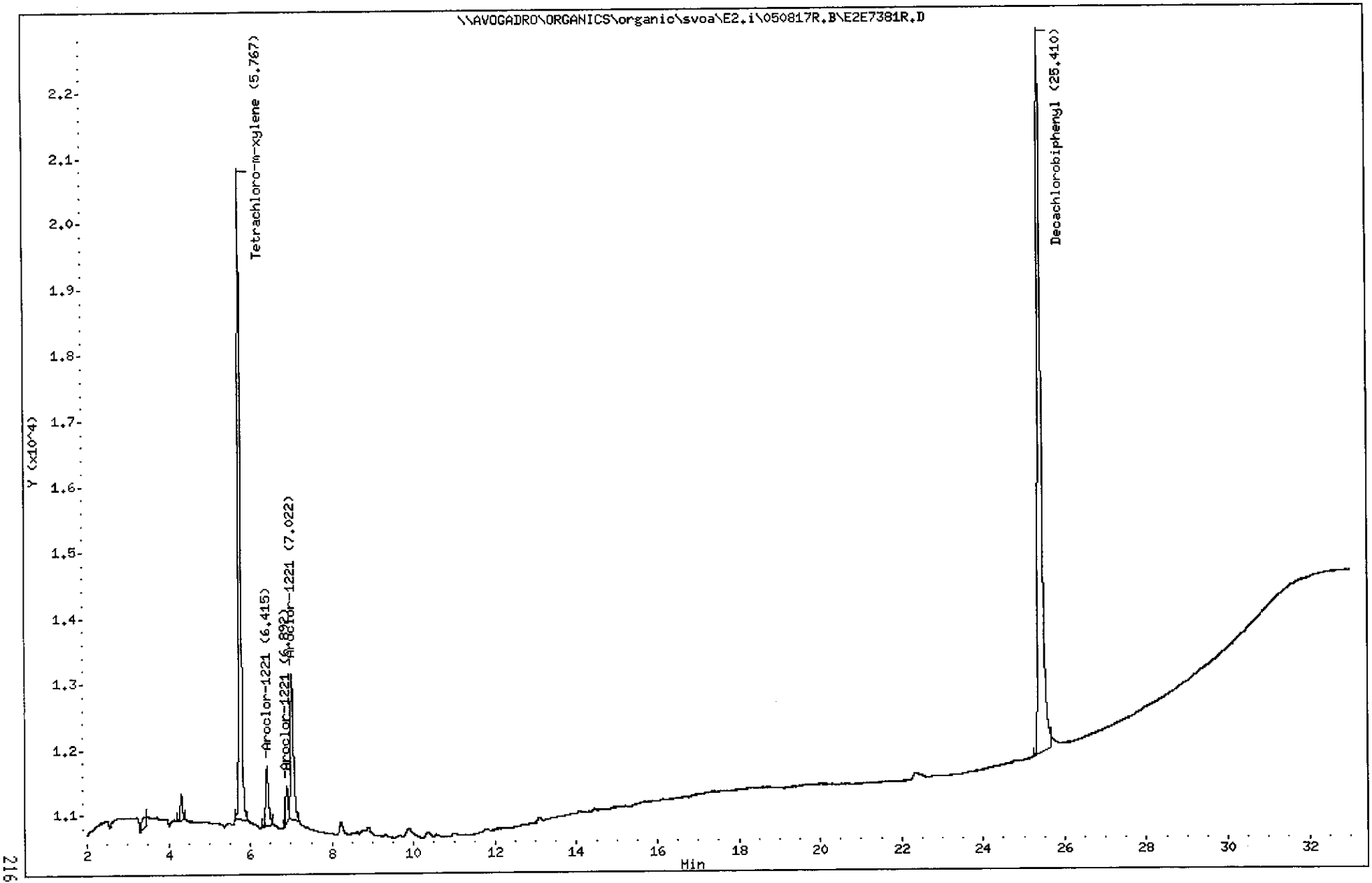
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7381F.D
Date : 17-AUG-2005 21:36
Client ID: AR1221E1
Instrument: E2.i
Sample Info: AR1221E1,AR1221E1,,ar1221.sub
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7381R.D
Date : 17-AUG-2005 21:36
Client ID: AR1221E1
Sample Info: AR1221E1,AR1221E1,,ar1221.sub
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



2166

Data File: E2E7381F.D
Report Date: 18-Aug-2005 18:22

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7381F.D
Lab Smp Id: AR1221E1 Client Smp ID: AR1221E1
Inj Date : 17-AUG-2005 21:36
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : AR1221E1,AR1221E1,,ar1221.sub
Misc Info : 1,1,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\clp-1262e4f.m
Meth Date : 18-Aug-2005 18:21 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388F.D
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1221.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.59	7.59	0.000	44935	0.00500	0.020		(a)
24 Aroclor-1221					CAS #: 11104-28-2		
8.78	8.78	0.000	6710	0.20000	0.20	80.00- 120.00	100.00(a)
9.31	9.31	0.000	4630	0.20000	0.20	49.00- 89.00	69.00
9.54	9.54	0.000	17367	0.20000	0.20	238.82- 278.82	258.82
Average of Peak Amounts =					0.2		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	80340	0.01000	0.021		(a)

SZ 08/19/05

Data File: E2E7381F.D
Report Date: 18-Aug-2005 18:22

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: E2E7381R.D
Report Date: 18-Aug-2005 18:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7381R.D
Lab Smp Id: AR1221E1 Client Smp ID: AR1221E1
Inj Date : 17-AUG-2005 21:36
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : AR1221E1,AR1221E1,,ar1221.sub
Misc Info : 1,1,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\clp1262-e2r.m
Meth Date : 18-Aug-2005 17:16 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388R.D
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1221.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.77	5.77	0.000	39451	0.00500	0.020		(a)
24 Aroclor-1221					CAS #: 11104-28-2		
6.42	6.42	0.000	4430	0.20000	0.20	80.00- 120.00	100.00(a)
6.89	6.89	0.000	2196	0.20000	0.20	29.57- 69.57	49.57
7.02	7.02	0.000	11257	0.20000	0.20	234.11- 274.11	254.11
Average of Peak Amounts =					0.2		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
25.4	25.4	0.000	71895	0.01000	0.020		(a)

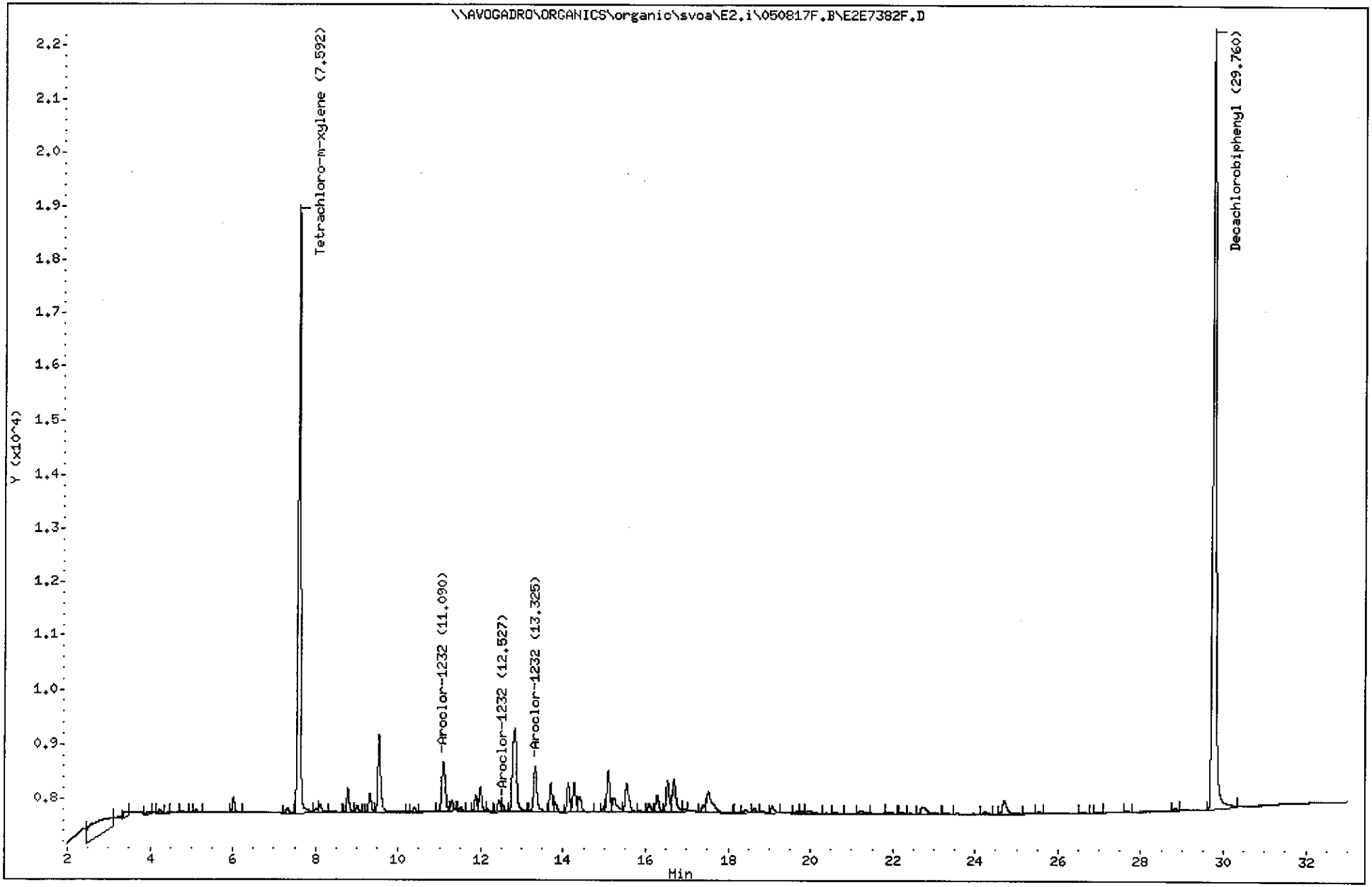
SZ 08/19/06

Data File: E2E7381R.D
Report Date: 18-Aug-2005 18:23

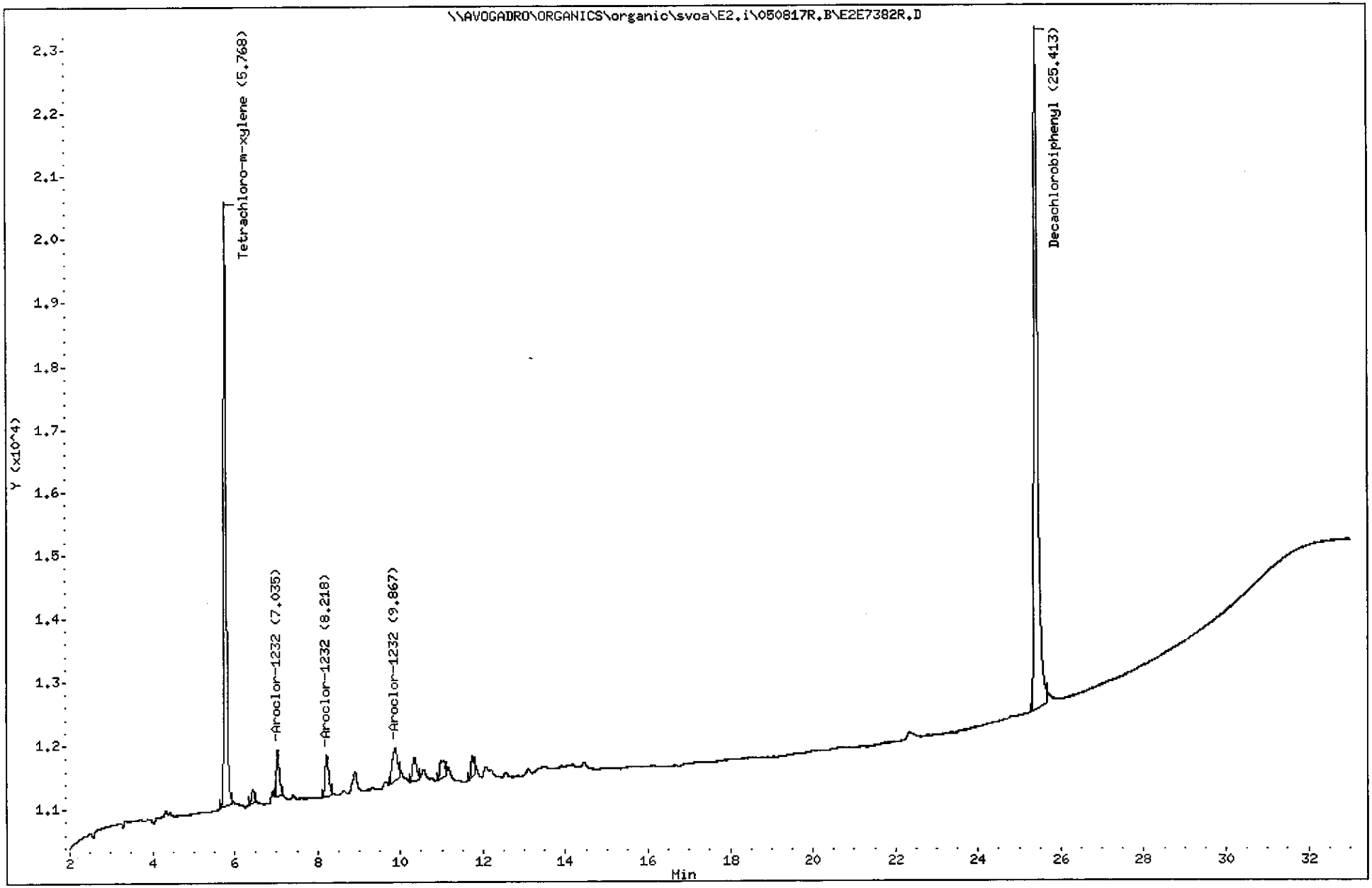
QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7382F.D
Date : 17-AUG-2005 22:12
Client ID: AR1232E1
Instrument: E2.i
Sample Info: AR1232E1,AR1232E1,,ar1232,sub
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7382R.D
Date : 17-AUG-2005 22:12
Client ID: AR1232E1
Instrument: E2.i
Sample Info: AR1232E1,AR1232E1,,ar1232.sub
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7382F.D
Report Date: 18-Aug-2005 18:22

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7382F.D
Lab Smp Id: AR1232E1 Client Smp ID: AR1232E1
Inj Date : 17-AUG-2005 22:12
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : AR1232E1,AR1232E1,,ar1232.sub
Misc Info : 1,1,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\clp-1262e4f.m
Meth Date : 18-Aug-2005 18:21 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388F.D
Als bottle: 5 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1232.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT	AMOUNTS ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE		RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
7.59	7.59	0.000	44420	0.00500	0.020			(a)
25 Aroclor-1232					CAS #: 11141-16-5			
11.1	11.1	0.000	5731	0.10000	0.10	80.00- 120.00	100.00	(a)
12.5	12.5	0.000	522	0.10000	0.10	0.00- 29.11	9.11	
13.3	13.3	0.000	4877	0.10000	0.10	65.10- 105.10	85.10	
Average of Peak Amounts =					0.1			
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
29.8	29.8	0.000	78982	0.01000	0.020			(a)

SZ 08/19/05

Data File: E2E7382F.D
Report Date: 18-Aug-2005 18:22

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: E2E7382R.D
Report Date: 18-Aug-2005 18:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7382R.D
Lab Smp Id: AR1232E1 Client Smp ID: AR1232E1
Inj Date : 17-AUG-2005 22:12
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : AR1232E1,AR1232E1,,ar1232.sub
Misc Info : 1,1,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\clp1262-e2r.m
Meth Date : 18-Aug-2005 17:16 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388R.D
Als bottle: 5 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1232.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE		RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
5.77	5.77	0.000	38892	0.00500	0.019			(a)
25 Aroclor-1232					CAS #: 11141-16-5			
7.04	7.04	0.000	3743	0.10000	0.10	80.00- 120.00	100.00	(a)
8.22	8.22	0.000	3742	0.10000	0.10	79.97- 119.97	99.97	
9.87	9.87	0.000	4794	0.10000	0.10	108.08- 148.08	128.08	
Average of Peak Amounts =					0.1			
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
25.4	25.4	0.000	70316	0.01000	0.019			(a)

SZ 08/19/05

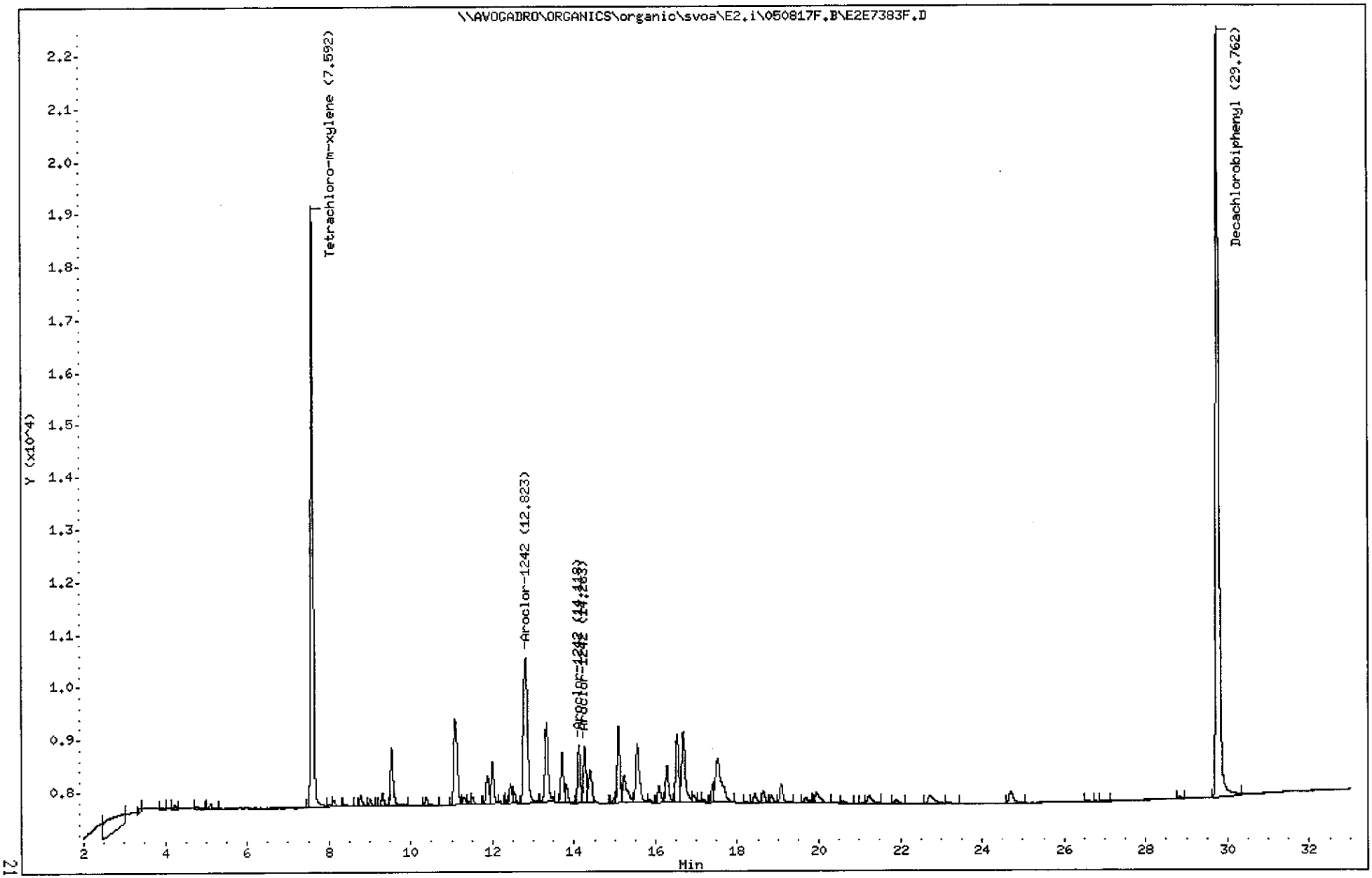
Data File: E2E7382R.D
Report Date: 18-Aug-2005 18:23

QC Flag Legend

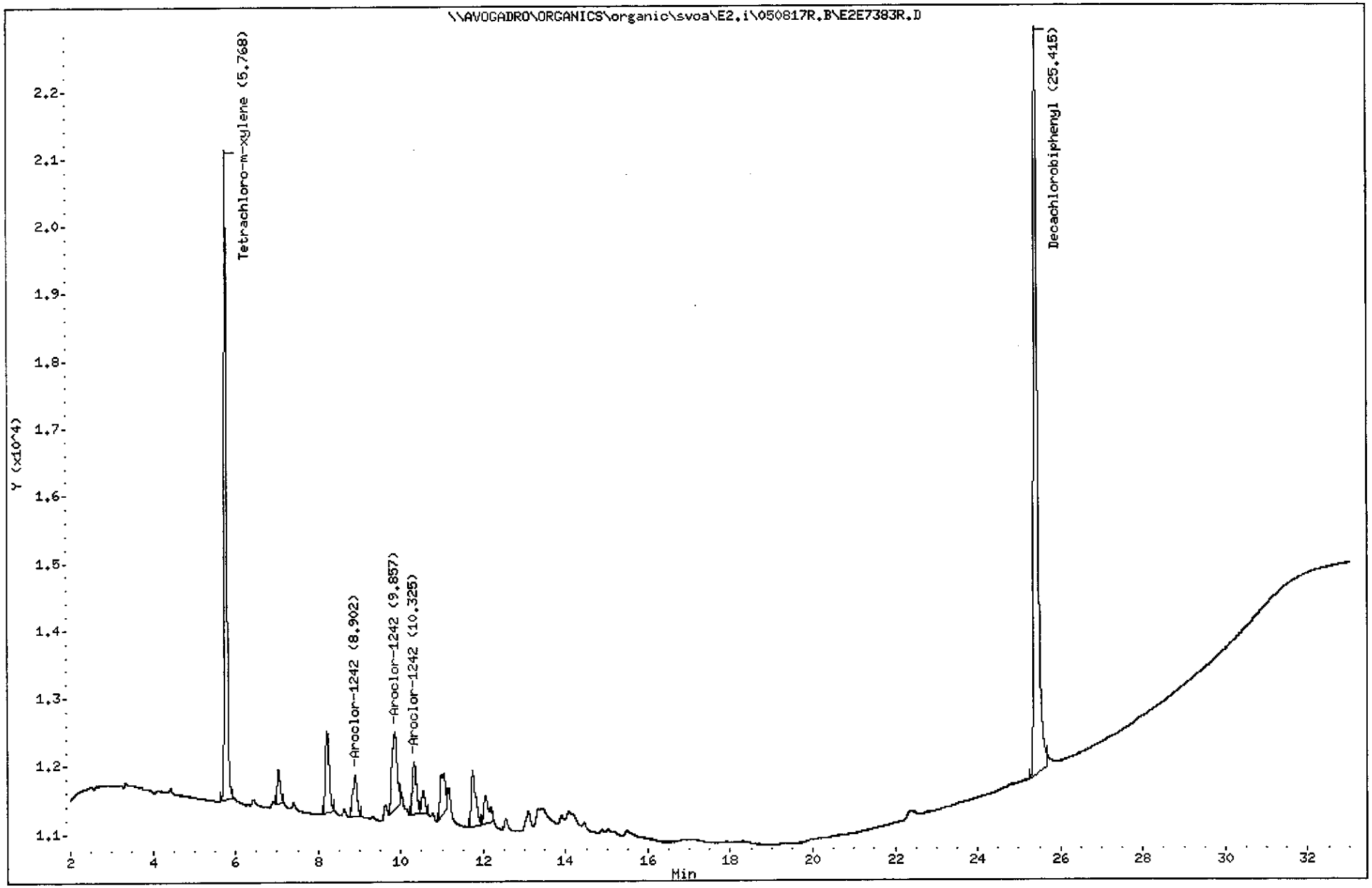
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7383F.D
Date : 17-AUG-2005 22:49
Client ID: AR1242E1
Sample Info: AR1242E1,AR1242E1,,ar1242.sub
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7383R.D
Date : 17-AUG-2005 22:49
Client ID: AR1242E1
Instrument: E2.i
Sample Info: AR1242E1,AR1242E1,,ar1242.sub
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7383F.D
Report Date: 18-Aug-2005 18:22

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7383F.D
Lab Smp Id: AR1242E1 Client Smp ID: AR1242E1
Inj Date : 17-AUG-2005 22:49
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : AR1242E1,AR1242E1,,ar1242.sub
Misc Info : 1,1,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\clp-1262e4f.m
Meth Date : 18-Aug-2005 18:21 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388F.D
Als bottle: 6 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1242.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.59	7.59	0.000	44745	0.00500	0.020		(a)
26 Aroclor-1242					CAS #: 53469-21-9		
12.8	12.8	0.000	20277	0.10000	0.10	80.00- 120.00	100.00(a)
14.1	14.1	0.000	4945	0.10000	0.10	4.39- 44.39	24.39
14.3	14.3	0.000	5164	0.10000	0.10	5.47- 45.47	25.47
Average of Peak Amounts =					0.1		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	80277	0.01000	0.021		(a)

SZ 08/19/05

Data File: E2E7383F.D
Report Date: 18-Aug-2005 18:22

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: E2E7383R.D
Report Date: 18-Aug-2005 18:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7383R.D
Lab Smp Id: AR1242E1 Client Smp ID: AR1242E1
Inj Date : 17-AUG-2005 22:49
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : AR1242E1,AR1242E1,,ar1242.sub
Misc Info : 1,1,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\clp1262-e2r.m
Meth Date : 18-Aug-2005 17:16 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388R.D
Als bottle: 6 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1242.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
5.77	5.77	0.000	38741	0.00500	0.019			(a)
26 Aroclor-1242					CAS #: 53469-21-9			
8.90	8.90	0.000	4227	0.10000	0.10	80.00- 120.00	100.00	(a)
9.86	9.86	0.000	9927	0.10000	0.10	214.85- 254.85	234.85	
10.3	10.3	0.000	4801	0.10000	0.10	93.58- 133.58	113.58	
Average of Peak Amounts =					0.1			
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
25.4	25.4	0.000	72316	0.01000	0.020			(a)

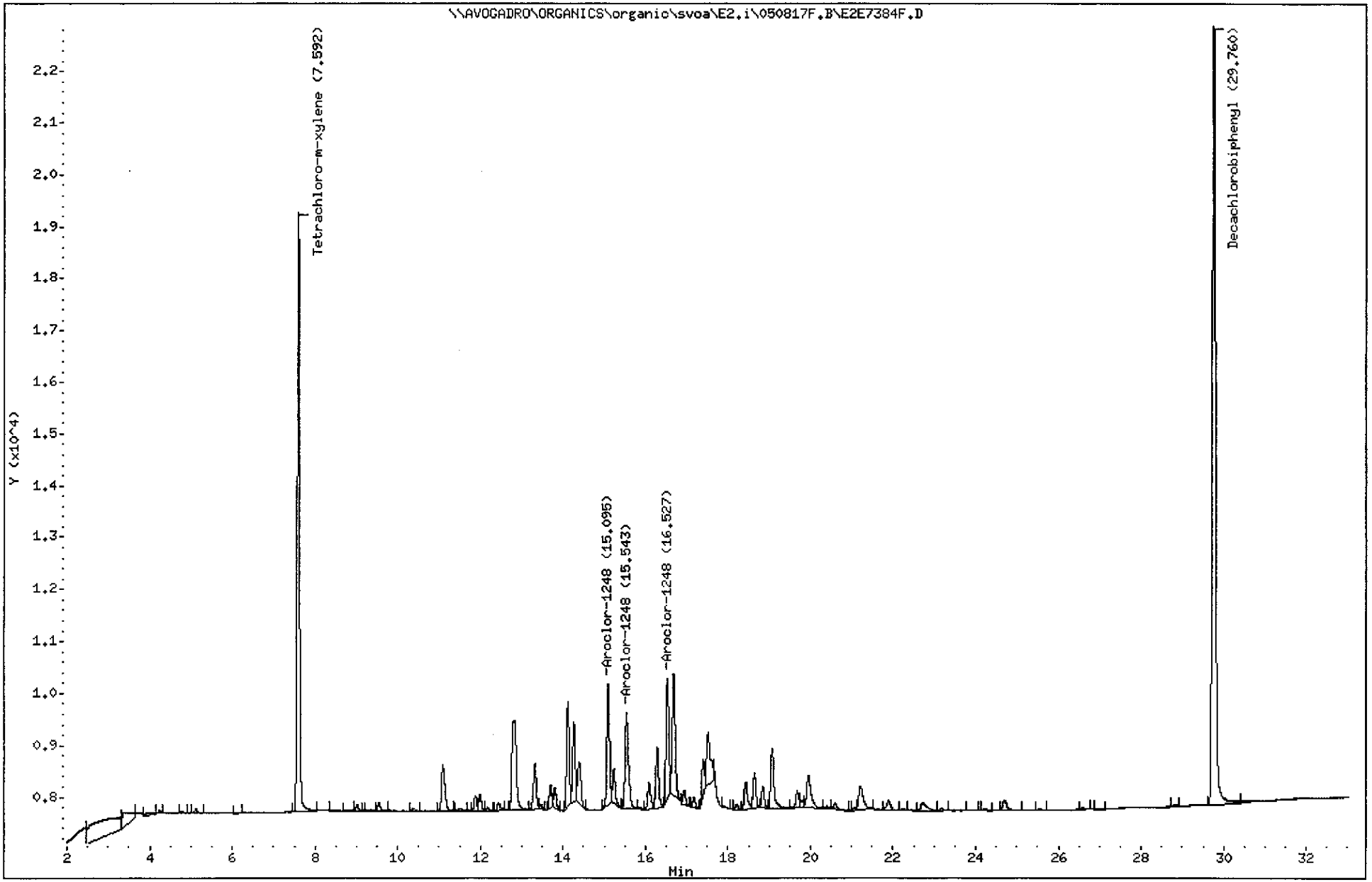
SZ 08/19/05

Data File: E2E7383R.D
Report Date: 18-Aug-2005 18:23

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7384F.D
Date : 17-AUG-2005 23:25
Client ID: AR1248E1
Instrument: E2.i
Sample Info: AR1248E1,AR1248E1,,ar1248.sub
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53

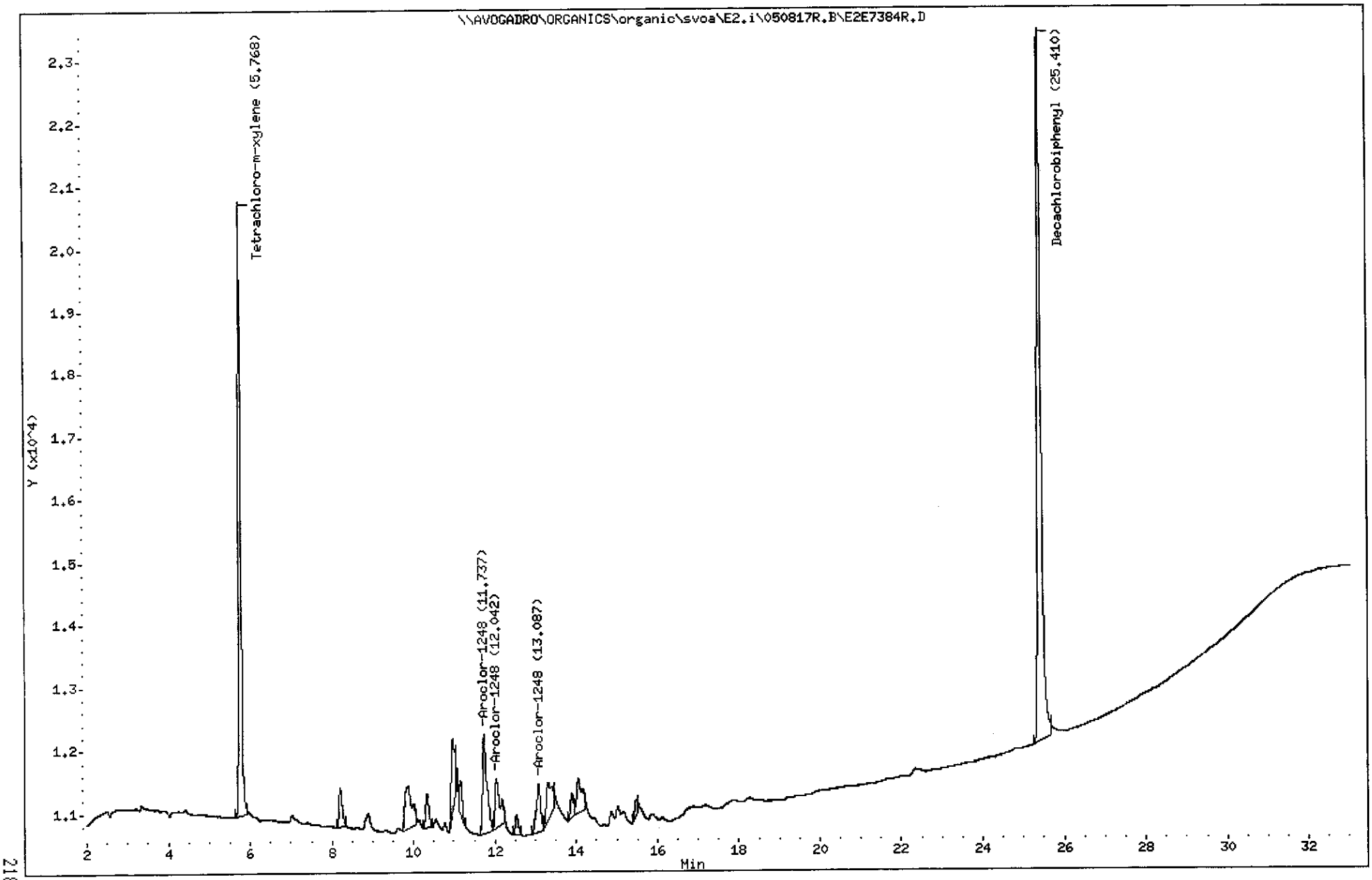


2813

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7384R.D
Date : 17-AUG-2005 23:25
Client ID: AR1248E1
Sample Info: AR1248E1,AR1248E1,,ar1248.sub
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i

Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E2E7384F.D
Report Date: 18-Aug-2005 18:22

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7384F.D
Lab Smp Id: AR1248E1 Client Smp ID: AR1248E1
Inj Date : 17-AUG-2005 23:25
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : AR1248E1,AR1248E1,,ar1248.sub
Misc Info : 1,1,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\clp-1262e4f.m
Meth Date : 18-Aug-2005 18:21 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388F.D
Als bottle: 7 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1248.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
7.59	7.59	0.000	45484	0.00500	0.020			(a)
27 Aroclor-1248					CAS #: 12672-29-6			
15.1	15.1	0.000	10802	0.10000	0.10	80.00- 120.00	100.00	(a)
15.5	15.5	0.000	10366	0.10000	0.10	75.96- 115.96	95.96	
16.5	16.5	0.000	10784	0.10000	0.10	79.83- 119.83	99.83	
Average of Peak Amounts =					0.1			
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
29.8	29.8	0.000	82012	0.01000	0.021			(a)

SZ 08/19/05

Data File: E2E7384F.D
Report Date: 18-Aug-2005 18:22

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: E2E7384R.D
Report Date: 18-Aug-2005 18:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7384R.D
Lab Smp Id: AR1248E1 Client Smp ID: AR1248E1
Inj Date : 17-AUG-2005 23:25
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : AR1248E1,AR1248E1,,ar1248.sub
Misc Info : 1,1,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\clp1262-e2r.m
Meth Date : 18-Aug-2005 17:16 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388R.D
Als bottle: 7 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1248.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS					
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
5.77	5.77	0.000	40186	0.00500	0.020			(a)
27 Aroclor-1248					CAS #: 12672-29-6			
11.7	11.7	0.000	11150	0.10000	0.10	80.00- 120.00	100.00	(a)
12.0	12.0	0.000	6645	0.10000	0.10	39.60- 79.60	59.60	
13.1	13.1	0.000	5605	0.10000	0.10	30.27- 70.27	50.27	
Average of Peak Amounts =					0.1			
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
25.4	25.4	0.000	73648	0.01000	0.020			(a)

8/08/19/05

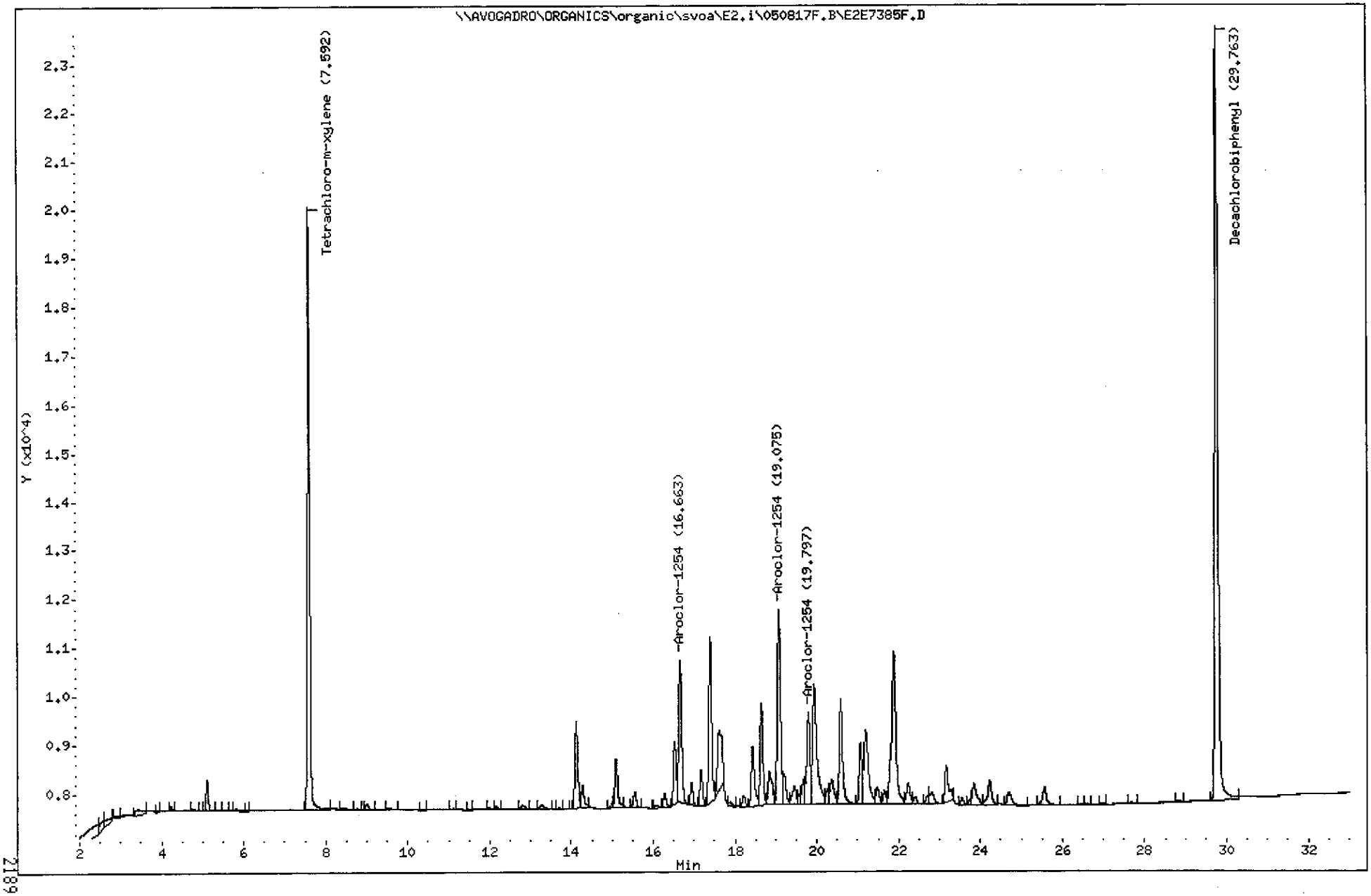
Data File: E2E7384R.D
Report Date: 18-Aug-2005 18:23

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

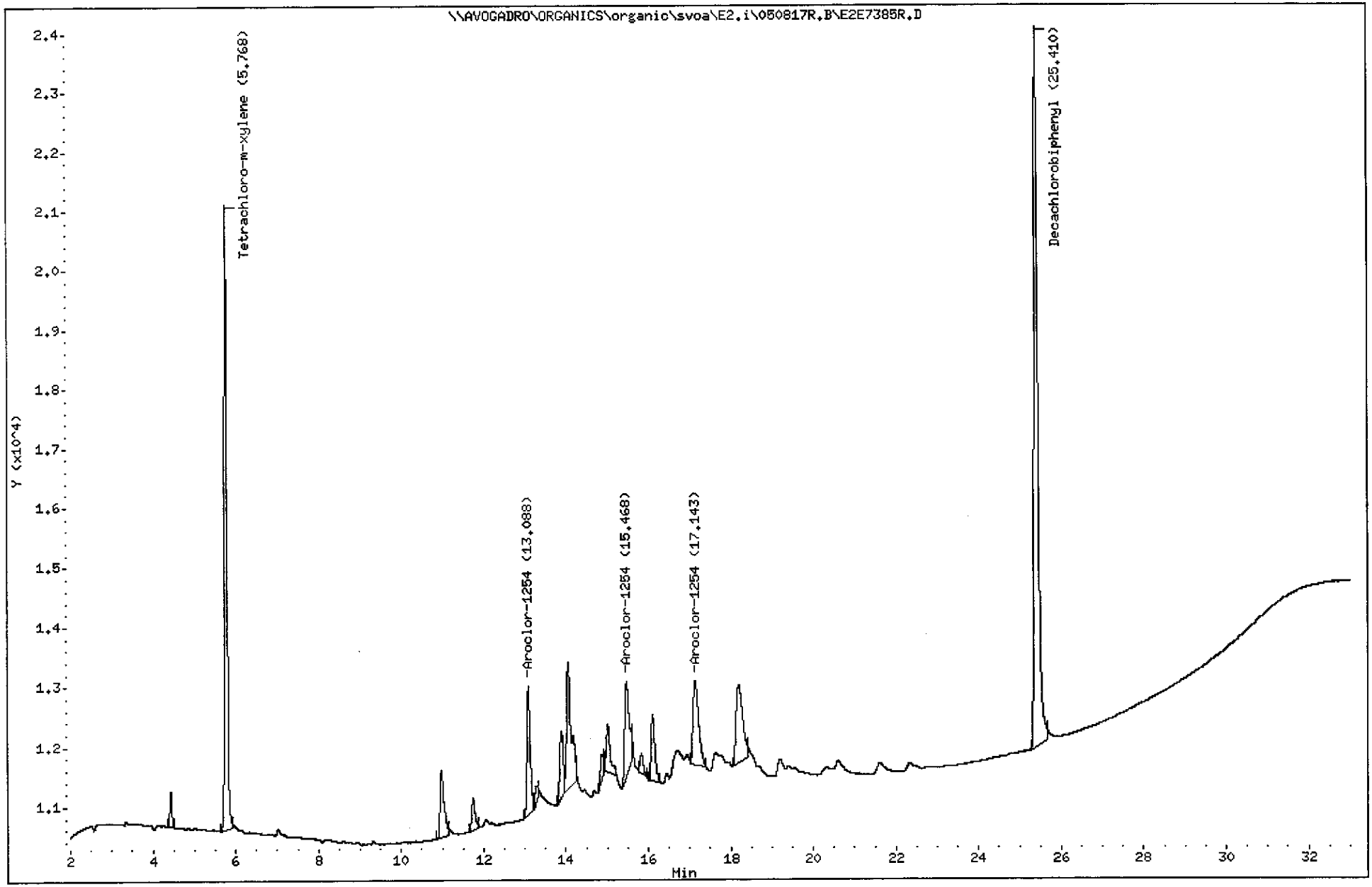
Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7385F.D
Date : 18-AUG-2005 00:01
Client ID: AR1254E1
Sample Info: AR1254E1,AR1254E1,,ar1254.sub
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7385R.D
Date : 18-AUG-2005 00:01
Client ID: AR1254E1
Sample Info: AR1254E1,AR1254E1,,ar1254.sub
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E2E7385F.D
Report Date: 18-Aug-2005 18:22

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7385F.D
Lab Smp Id: AR1254E1 Client Smp ID: AR1254E1
Inj Date : 18-AUG-2005 00:01
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : AR1254E1,AR1254E1,,ar1254.sub
Misc Info : 1,1,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\clp-1262e4f.m
Meth Date : 18-Aug-2005 18:21 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388F.D
Als bottle: 8 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1254.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT	AMOUNTS ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.59	7.59	0.000	48275	0.00500	0.021		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	86061	0.01000	0.022		(a)
28 Aroclor-1254					CAS #: 11097-69-1		
16.7	16.7	0.000	14677	0.10000	0.10	80.00- 120.00	100.00(a)
19.1	19.1	0.000	20068	0.10000	0.10	116.73- 156.73	136.73
19.8	19.8	0.000	9987	0.10000	0.10	48.05- 88.05	68.05
Average of Peak Amounts =					0.1		

SZ 02/19/05

Data File: E2E7385F.D
Report Date: 18-Aug-2005 18:22

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: E2E7385R.D
Report Date: 18-Aug-2005 18:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7385R.D
Lab Smp Id: AR1254E1 Client Smp ID: AR1254E1
Inj Date : 18-AUG-2005 00:01
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : AR1254E1,AR1254E1,,ar1254.sub
Misc Info : 1,1,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\clp1262-e2r.m
Meth Date : 18-Aug-2005 17:16 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388R.D
Als bottle: 8 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1254.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
5.77	5.77	0.000	42558	0.00500	0.021			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
25.4	25.4	0.000	77806	0.01000	0.022			(a)
28 Aroclor-1254					CAS #: 11097-69-1			
13.1	13.1	0.000	11701	0.10000	0.10	80.00- 120.00	100.00	(a)
15.5	15.5	0.000	11718	0.10000	0.10	80.15- 120.15	100.15	
17.1	17.1	0.000	13462	0.10000	0.10	95.05- 135.05	115.05	
Average of Peak Amounts =					0.1			

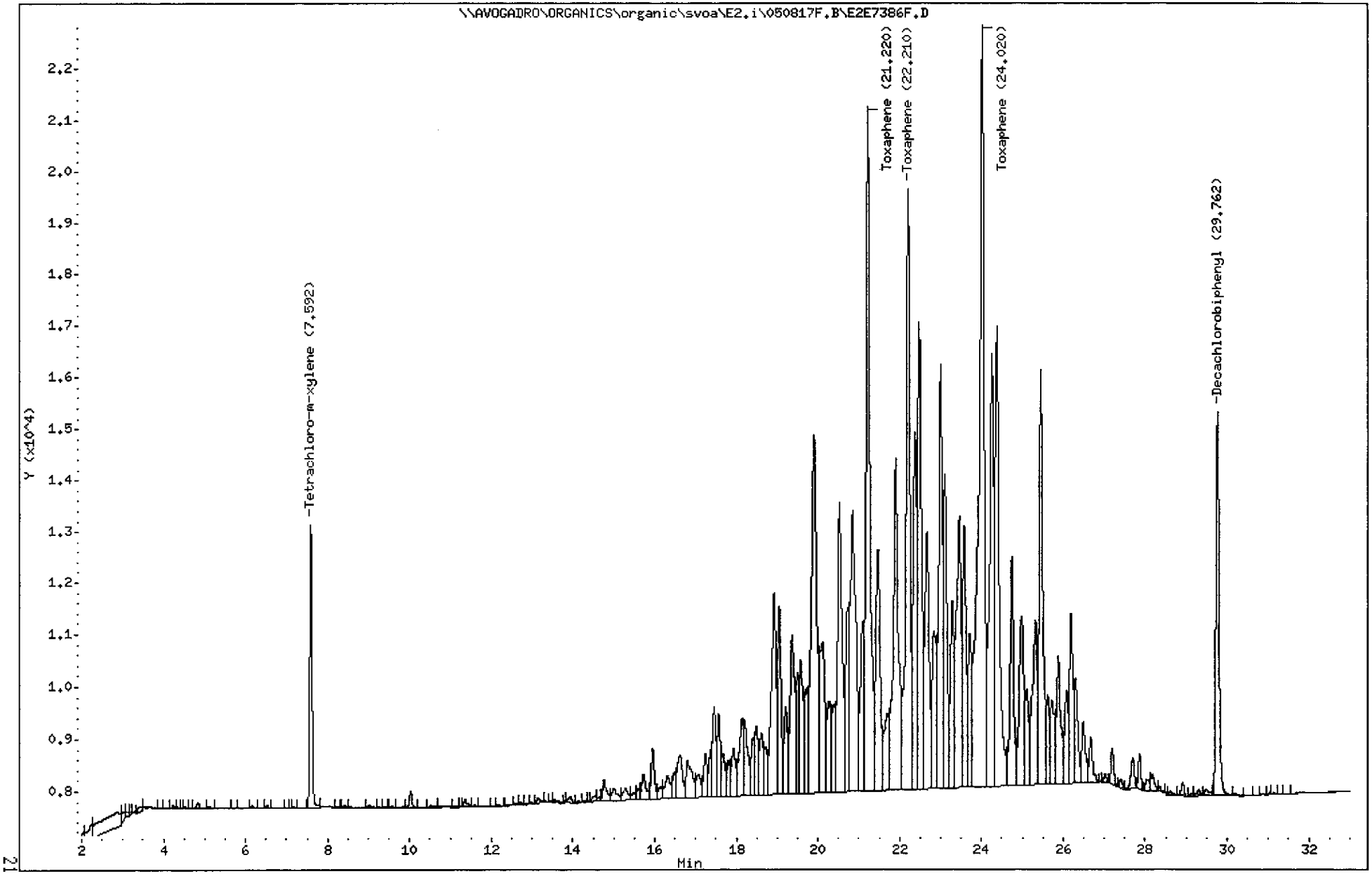
S208/19/05

Data File: E2E7385R.D
Report Date: 18-Aug-2005 18:23

QC Flag Legend

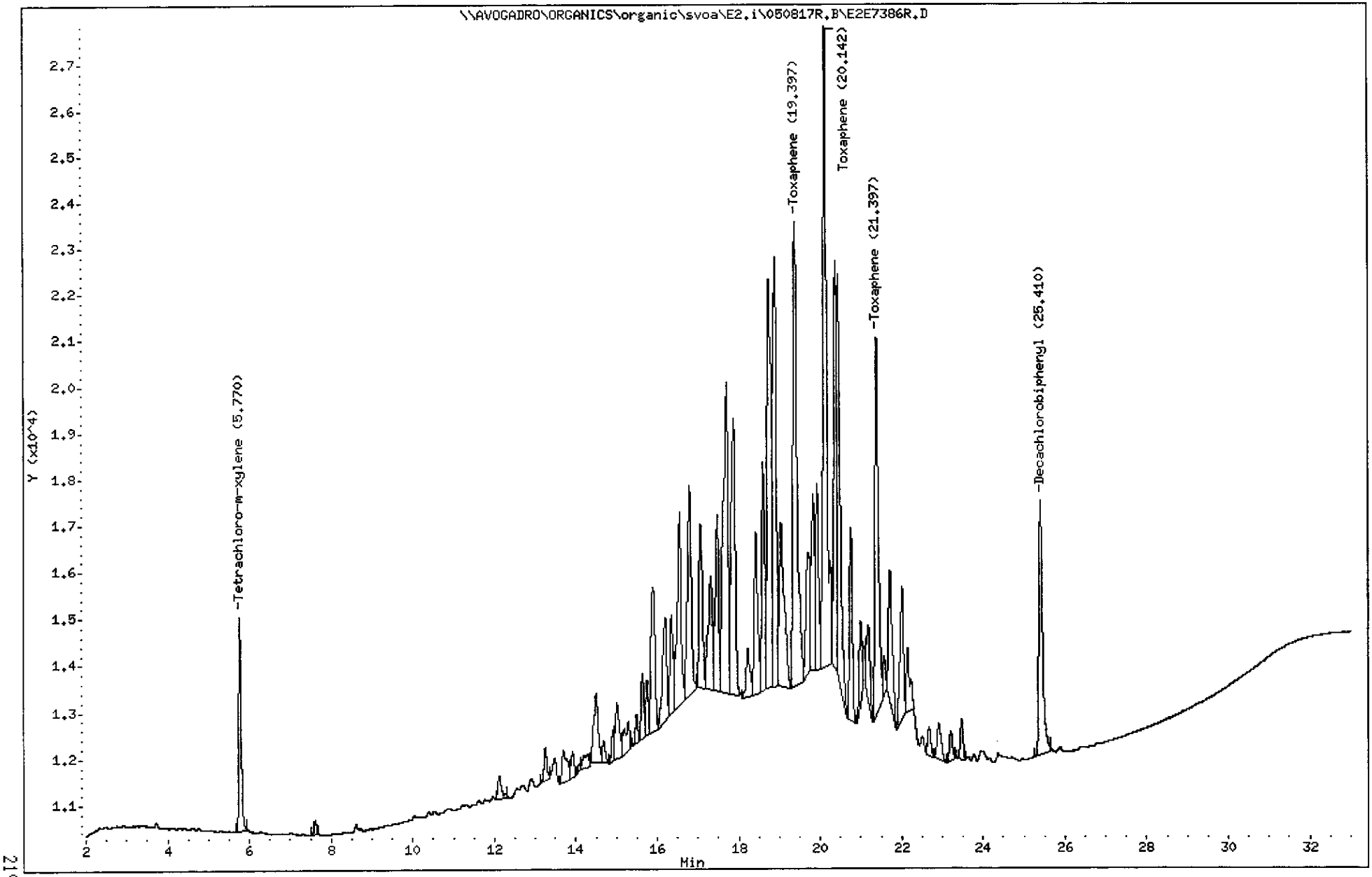
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7386F.D
Date : 18-AUG-2005 00:38
Client ID: TOXAPHE1
Instrument: E2.i
Sample Info: TOXAPHE1,TOXAPHE1,,toxaph.sub
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7386R.D
Date : 18-AUG-2005 00:38
Client ID: TOXAPHE1
Sample Info: TOXAPHE1,TOXAPHE1,,toxaph.sub
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



2196

Data File: E2E7386F.D
Report Date: 18-Aug-2005 18:22

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7386F.D
Lab Smp Id: TOXAPHE1 Client Smp ID: TOXAPHE1
Inj Date : 18-AUG-2005 00:38
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : TOXAPHE1,TOXAPHE1,,toxaph.sub
Misc Info : 1,1,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\clp-1262e4f.m
Meth Date : 18-Aug-2005 18:21 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388F.D
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: toxaph.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.59	7.59	0.000	21058	0.00500	0.0093		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	39538	0.01000	0.010		(a)
30 Toxaphene					CAS #: 8001-35-2		
21.2	21.2	0.000	94269	0.50000	0.50	80.00- 120.00	100.00 (a)
22.2	22.2	0.000	78588	0.50000	0.50	63.37- 103.37	83.37
24.0	24.0	0.000	132434	0.50000	0.50	120.49- 160.49	140.49
Average of Peak Amounts =					0.5		

SZ 08/19/05

Data File: E2E7386F.D
Report Date: 18-Aug-2005 18:22

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: E2E7386R.D
Report Date: 18-Aug-2005 18:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7386R.D
Lab Smp Id: TOXAPHE1 Client Smp ID: TOXAPHE1
Inj Date : 18-AUG-2005 00:38
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : TOXAPHE1,TOXAPHE1,,toxaph.sub
Misc Info : 1,1,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\clp1262-e2r.m
Meth Date : 18-Aug-2005 17:16 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 01:50 Cal File: E2E7388R.D
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: toxaph.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
5.77	5.77	0.000	18503	0.00500	0.0092			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
25.4	25.4	0.000	34819	0.01000	0.0096			(a)
30 Toxaphene					CAS #: 8001-35-2			
19.4	19.4	0.000	71273	0.50000	0.50	80.00- 120.00	100.00	(a)
20.1	20.1	0.000	89423	0.50000	0.50	105.47- 145.47	125.47	
21.4	21.4	0.000	47468	0.50000	0.50	46.60- 86.60	66.60	
Average of Peak Amounts =					0.5			

SZ 08/19/06

Data File: E2E7386R.D
Report Date: 18-Aug-2005 18:23

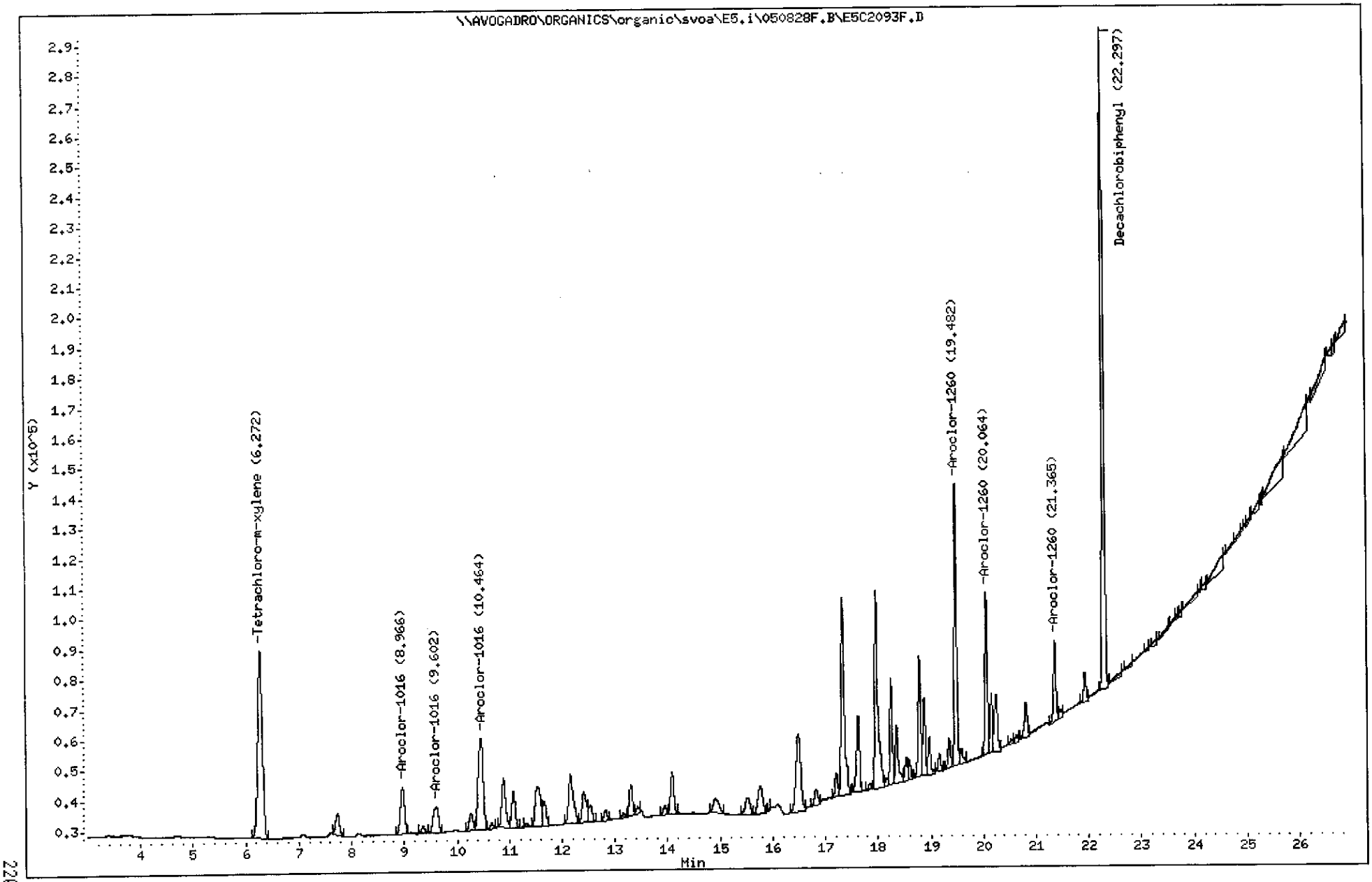
QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2093F.D
Date : 28-AUG-2005 10:59
Client ID: AR1660Z1
Sample Info: AR1660Z1,AR1660Z1,,ar1660,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E5.i

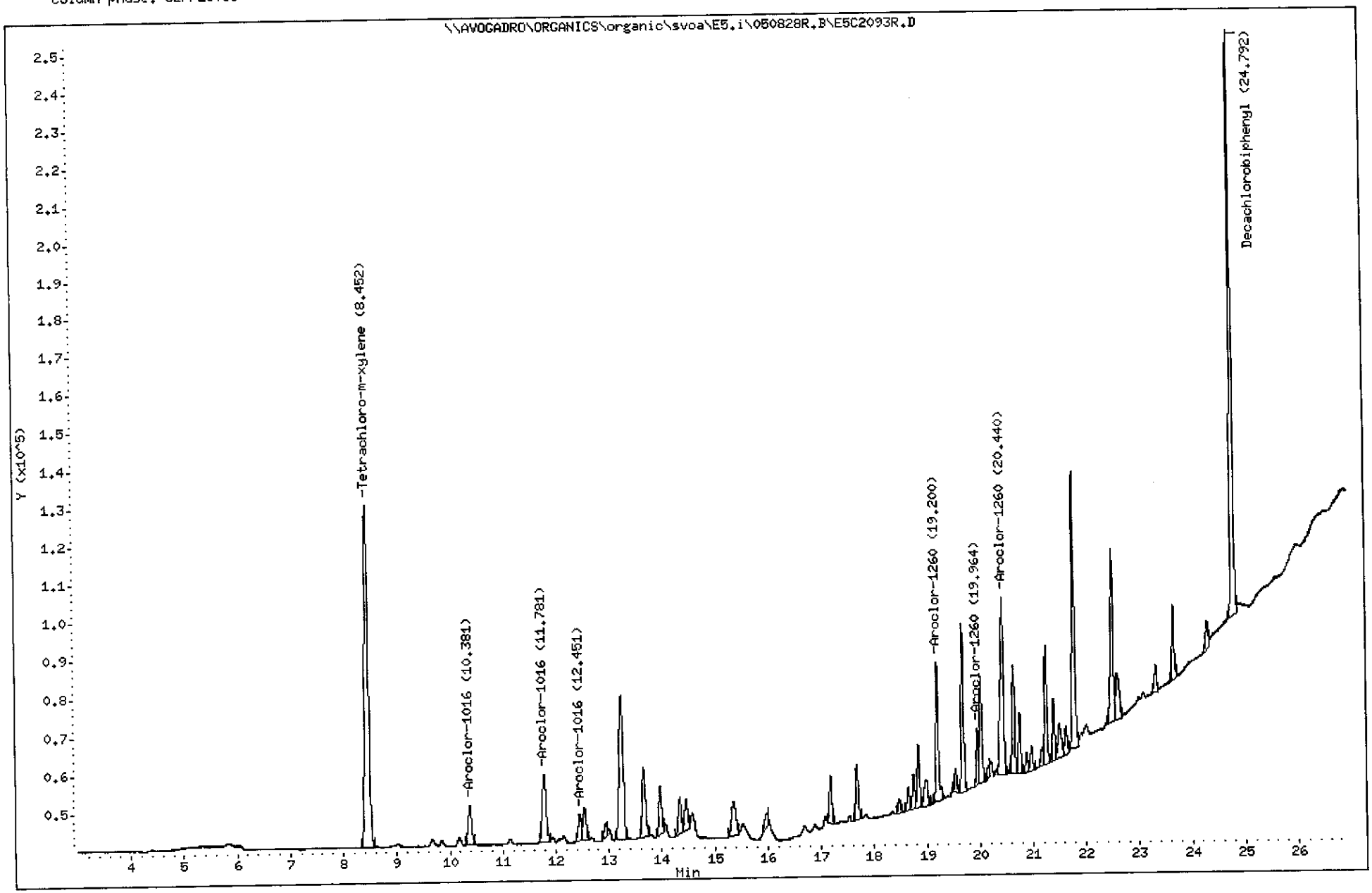
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2093R.D
Date : 28-AUG-2005 10:59
Client ID: AR1660Z1
Sample Info: AR1660Z1,AR1660Z1,,ar1660,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



2202

Data File: E5C2093F.D
Report Date: 30-Aug-2005 11:31

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2093F.D
Lab Smp Id: AR1660Z1 Client Smp ID: AR1660Z1
Inj Date : 28-AUG-2005 10:59
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1660Z1,AR1660Z1,,ar1660.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 09:00 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101F.D
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1660.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
6.27	6.27	0.000	375709	0.00500	0.019			(a)
23 Aroclor-1016					CAS #: 12674-11-2			
8.97	8.97	0.000	84047	0.10000	0.10	80.00- 120.00	100.00	(a)
9.60	9.60	0.000	60144	0.10000	0.10	51.56- 91.56	71.56	
10.5	10.5	0.000	200396	0.10000	0.10	218.43- 258.43	238.43	
Average of Peak Amounts =					0.1			
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
22.3	22.3	0.000	667823	0.01000	0.019			(a)

Data File: E5C2093F.D
Report Date: 30-Aug-2005 11:31

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO
29 Aroclor-1260					CAS #: 11096-82-5		
19.5	19.5	0.000	294431	0.10000	0.10	80.00- 120.00	100.00(a)
20.1	20.1	0.000	164660	0.10000	0.10	35.92- 75.92	55.92
21.4	21.4	0.000	86687	0.10000	0.10	9.44- 49.44	29.44
	Average of Peak Amounts =				0.1		

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KL
8/30/05

Data File: E5C2093R.D
Report Date: 30-Aug-2005 11:32

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2093R.D
Lab Smp Id: AR1660Z1 Client Smp ID: AR1660Z1
Inj Date : 28-AUG-2005 10:59
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1660Z1,AR1660Z1,,ar1660.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 09:03 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1660.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT	AMOUNTS ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE		RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
8.45	8.45	0.000	452421	0.00500	0.019			(a)
24 Aroclor-1016					CAS #: 12674-11-2			
10.4	10.4	0.000	47212	0.10000	0.10	80.00- 120.00	100.00	(a)
11.8	11.8	0.000	94472	0.10000	0.10	175.33- 215.33	200.10	
12.5	12.5	0.000	26909	0.10000	0.10	39.39- 79.39	57.00	
Average of Peak Amounts =					0.1			
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.8	24.8	0.000	472335	0.01000	0.020			(a)

Data File: E5C2093R.D
Report Date: 30-Aug-2005 11:32

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO
30 Aroclor-1260					CAS #: 11096-82-5		
19.2	19.2	0.000	121683	0.10000	0.10	80.00- 120.00	100.00(a)
20.0	20.0	0.000	41041	0.10000	0.10	19.50- 59.50	33.73
20.4	20.4	0.000	198966	0.10000	0.10	168.29- 208.29	163.51
		Average of Peak Amounts =			0.1		

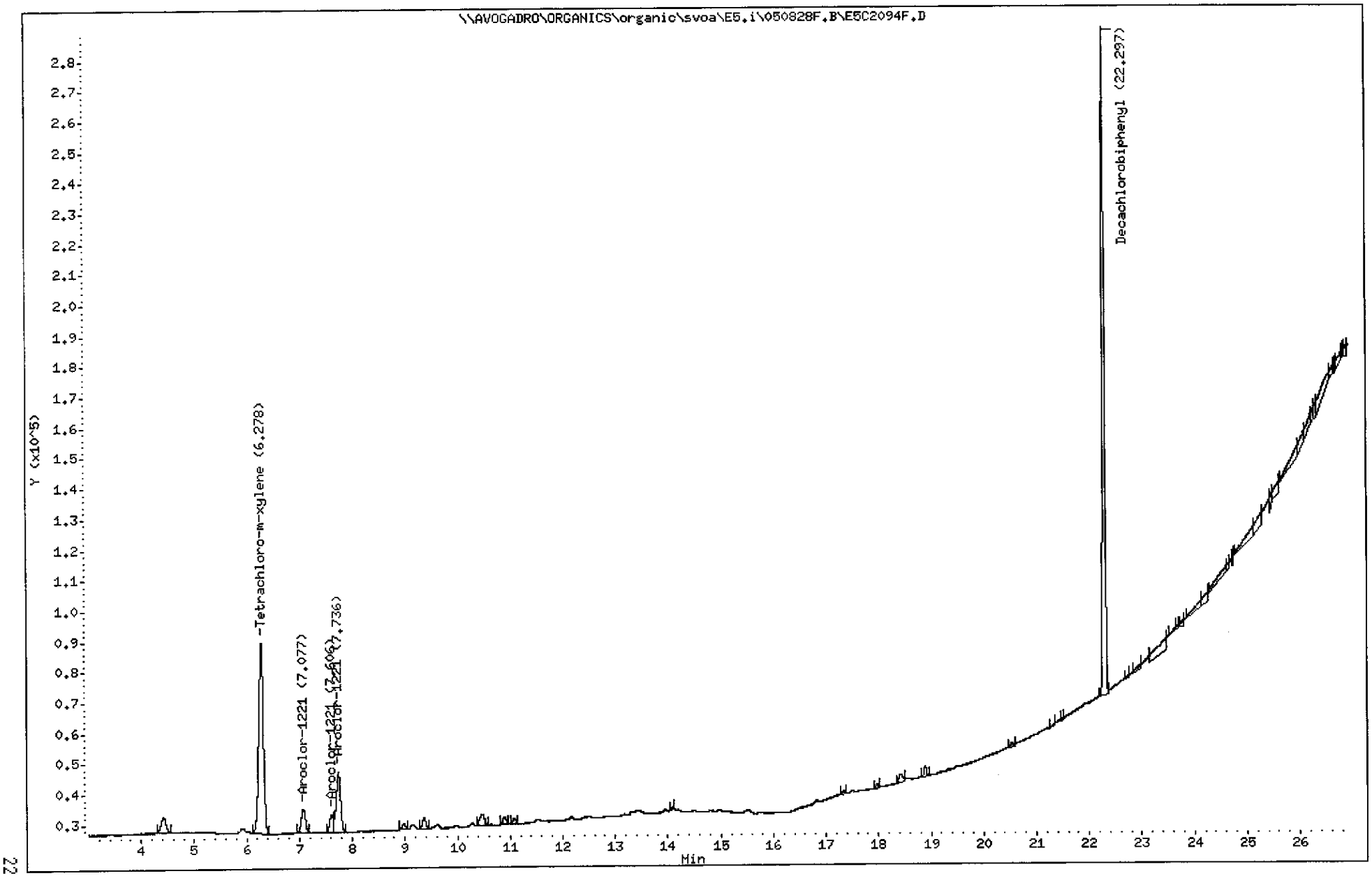
QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC
8/30/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2094F.D
Date : 28-AUG-2005 11:30
Client ID: AR1221Z1
Sample Info: AR1221Z1,AR1221Z1,,ar1221.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53

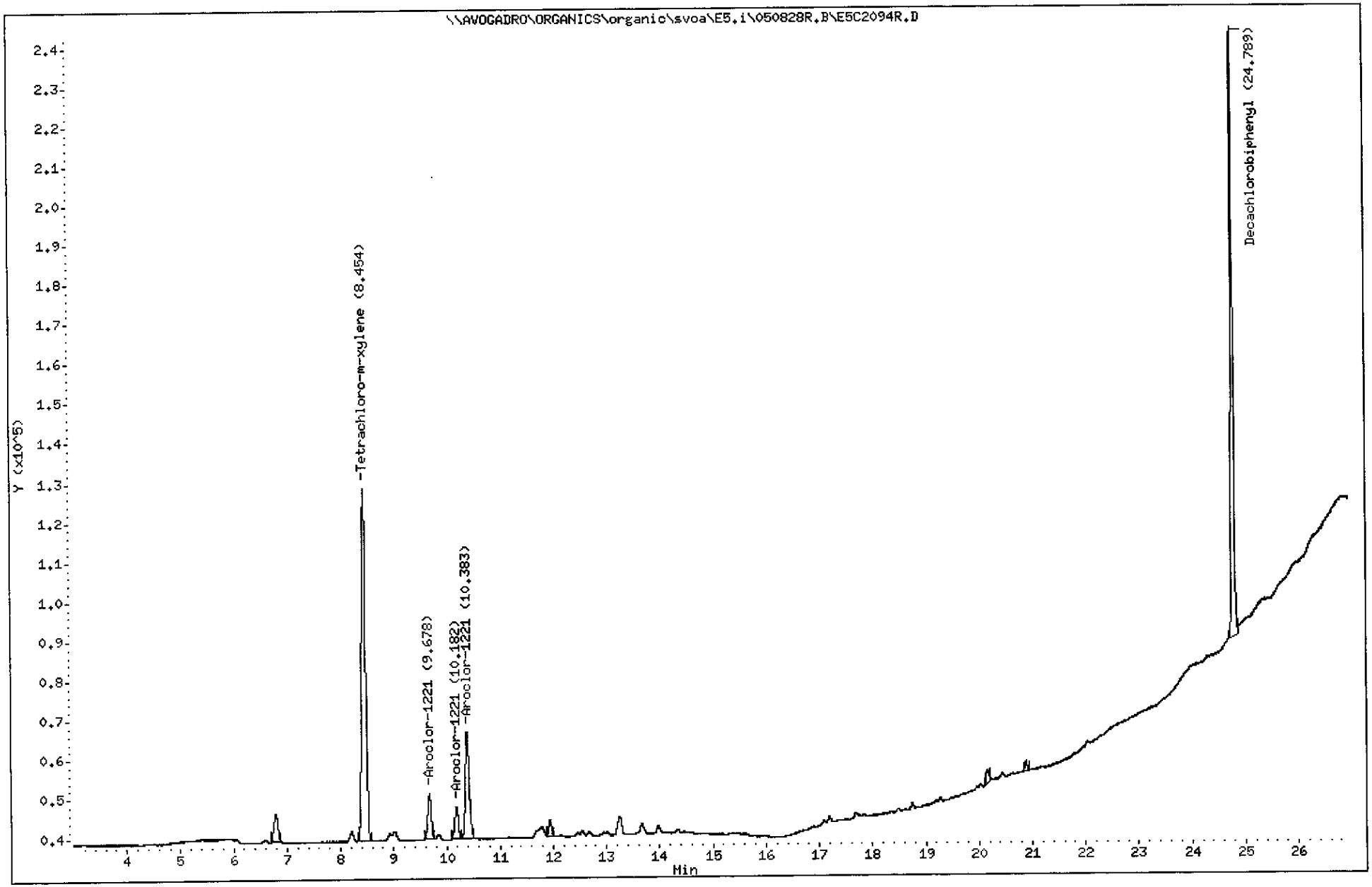


2207

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2094R.D
Date : 28-AUG-2005 11:30
Client ID: AR1221Z1
Sample Info: AR1221Z1,AR1221Z1,,ar1221.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



2208

Data File: E5C2094F.D
Report Date: 30-Aug-2005 11:31

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2094F.D
Lab Smp Id: AR1221Z1 Client Smp ID: AR1221Z1
Inj Date : 28-AUG-2005 11:30
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1221Z1,AR1221Z1,,ar1221.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 09:00 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101F.D
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1221.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
6.28	6.27	0.010	384496	0.00500	0.020			(a)
24 Aroclor-1221					CAS #: 11104-28-2			
7.08	7.08	0.000	43171	0.20000	0.20	80.00- 120.00	100.00	(a)
7.61	7.61	0.000	27811	0.20000	0.20	44.42- 84.42	64.42	
7.74	7.74	0.000	114757	0.20000	0.20	245.82- 285.82	265.82	
Average of Peak Amounts =					0.2			
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
22.3	22.3	0.000	668481	0.01000	0.019			(a)

KL
8/30/05

Data File: E5C2094F.D
Report Date: 30-Aug-2005 11:31

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: E5C2094R.D
Report Date: 30-Aug-2005 11:32

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2094R.D
Lab Smp Id: AR1221Z1 Client Smp ID: AR1221Z1
Inj Date : 28-AUG-2005 11:30
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1221Z1,AR1221Z1,,ar1221.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 09:03 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1221.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT	AMOUNTS ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.45	8.45	0.000	450251	0.00500	0.019		(a)
25 Aroclor-1221					CAS #: 11104-28-2		
9.68	9.68	0.000	51970	0.20000	0.20	80.00- 120.00	100.00(a)
10.2	10.2	0.000	35576	0.20000	0.20	96.47- 136.47	68.45
10.4	10.4	0.000	135402	0.20000	0.20	560.51- 600.51	260.54
Average of Peak Amounts =					0.2		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.8	24.8	0.000	469242	0.01000	0.019		(a)

KC
8/30/05

Data File: E5C2094R.D
Report Date: 30-Aug-2005 11:32

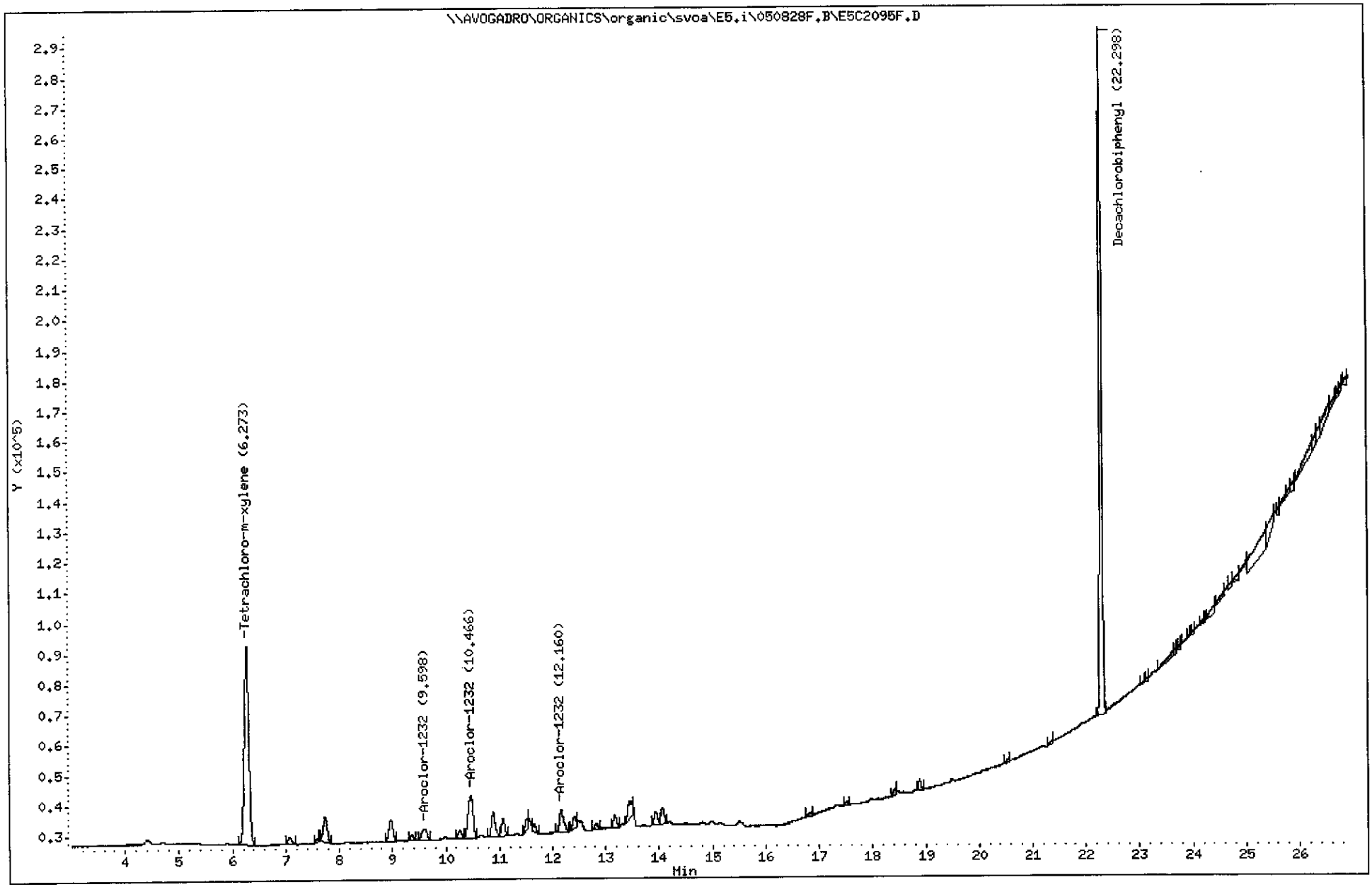
QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2095F.D
Date : 28-AUG-2005 12:00
Client ID: AR1232Z1
Sample Info: AR1232Z1,AR1232Z1,,ar1232,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E5.i

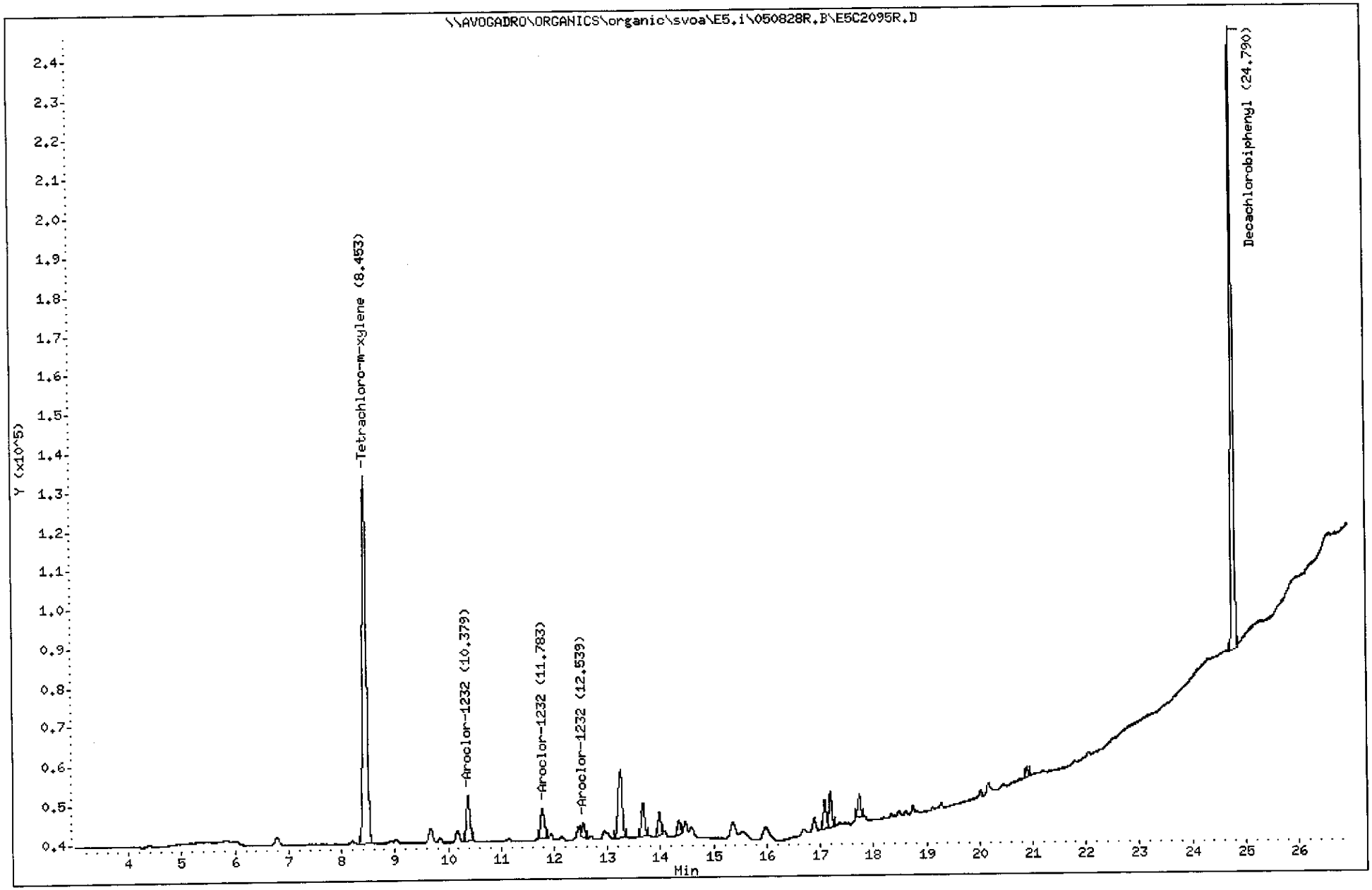
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2095R.D
Date : 28-AUG-2005 12:00
Client ID: AR1232Z1
Sample Info: AR1232Z1,AR1232Z1,,ar1232,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2095F.D
Report Date: 30-Aug-2005 11:31

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2095F.D
Lab Smp Id: AR1232Z1 Client Smp ID: AR1232Z1
Inj Date : 28-AUG-2005 12:00
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1232Z1,AR1232Z1,,ar1232.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 09:00 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101F.D
Als bottle: 5 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1232.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS					
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
6.27	6.27	0.000	389493	0.00500	0.020			(a)
25 Aroclor-1232					CAS #: 11141-16-5			
9.60	9.60	0.000	26811	0.10000	0.10	80.00- 120.00	100.00	(a)
10.5	10.5	0.000	91469	0.10000	0.10	321.16- 361.16	341.16	
12.2	12.2	0.000	40928	0.10000	0.10	132.65- 172.65	152.65	
Average of Peak Amounts =					0.1			
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
22.3	22.3	0.000	691846	0.01000	0.020			(a)

KL
8/30/05

Data File: E5C2095F.D
Report Date: 30-Aug-2005 11:31

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: E5C2095R.D
Report Date: 30-Aug-2005 11:32

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2095R.D
Lab Smp Id: AR1232Z1 Client Smp ID: AR1232Z1
Inj Date : 28-AUG-2005 12:00
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1232Z1,AR1232Z1,,ar1232.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 09:03 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 5 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1232.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS					
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
8.45	8.45	0.000	467682	0.00500	0.020			(a)
26 Aroclor-1232					CAS #: 11141-16-5			
10.4	10.4	0.000	55346	0.10000	0.10	80.00- 120.00	100.00	(a)
11.8	11.8	0.000	39052	0.10000	0.10	175.33- 215.33	70.56	
12.5	12.5	0.000	13088	0.10000	0.10	56.68- 96.68	23.65	
Average of Peak Amounts =					0.1			
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.8	24.8	0.000	480840	0.01000	0.020			(a)

KC
8/30/08

Data File: E5C2095R.D
Report Date: 30-Aug-2005 11:32

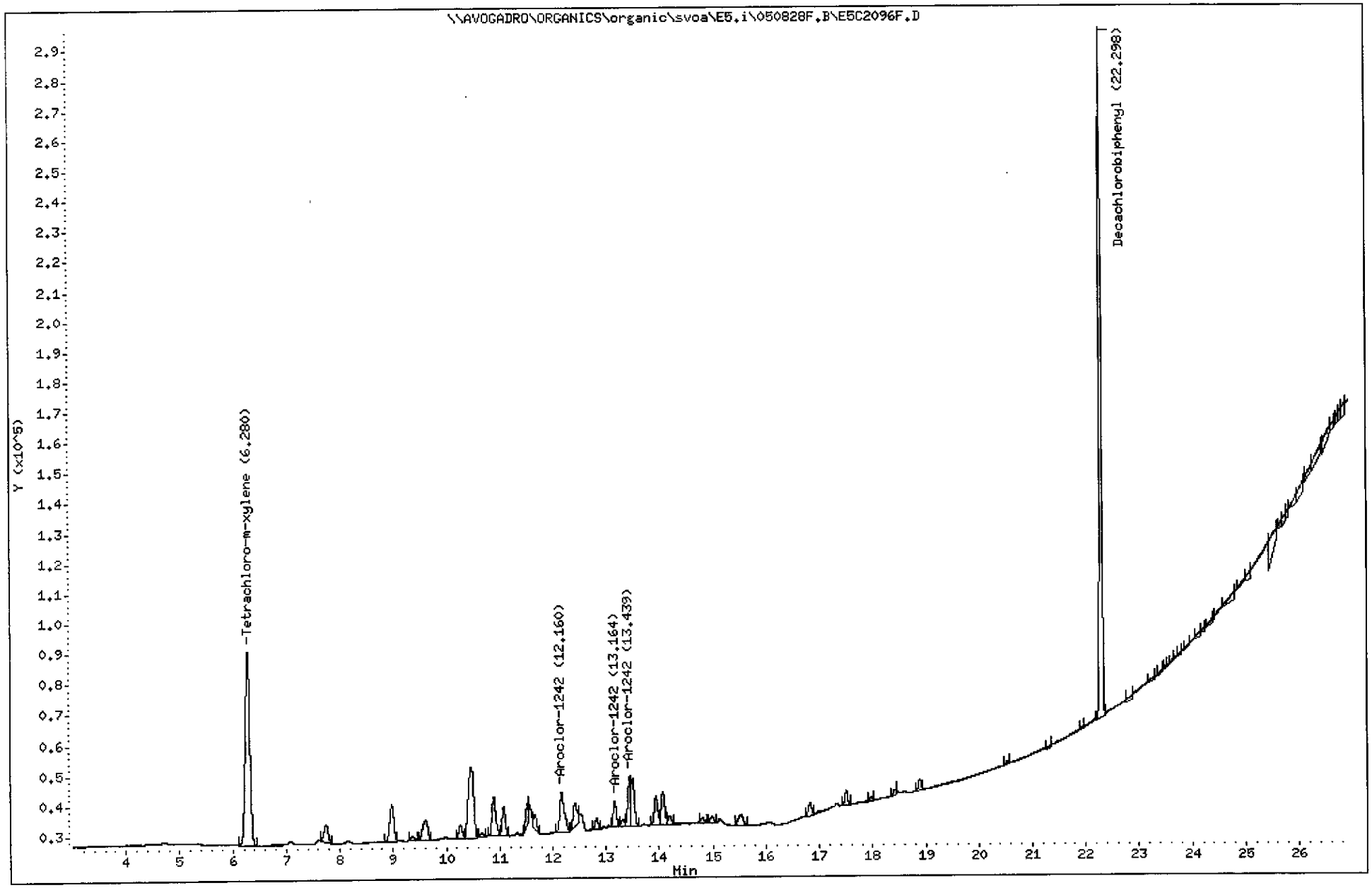
QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2096F.D
Date : 28-AUG-2005 12:31
Client ID: AR1242Z1
Sample Info: AR1242Z1,AR1242Z1,,ar1242.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53

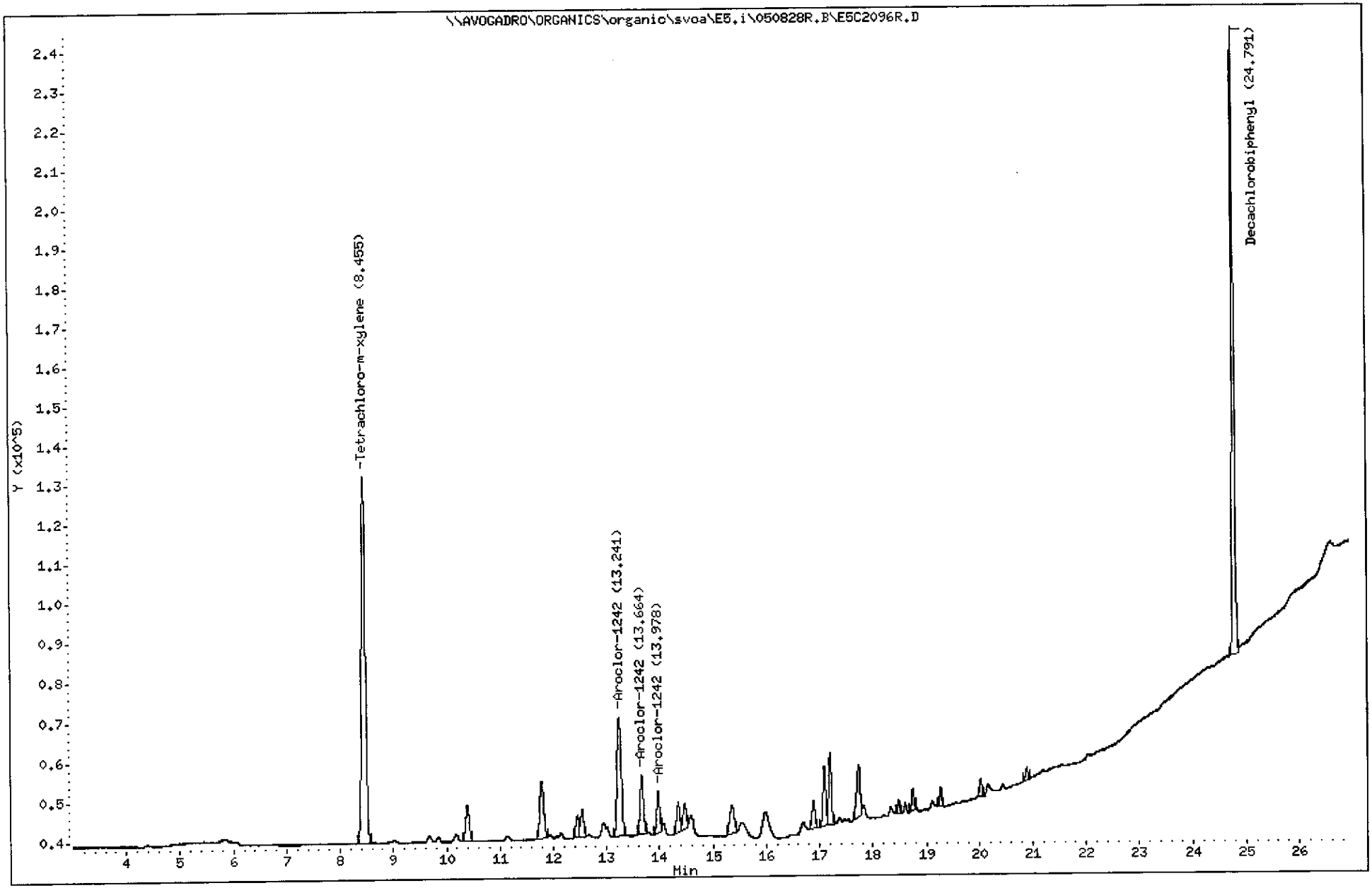


2219

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2096R.D
Date : 28-AUG-2005 12:31
Client ID: AR1242Z1
Sample Info: AR1242Z1,AR1242Z1,,ar1242.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2096F.D
Report Date: 30-Aug-2005 11:31

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2096F.D
Lab Smp Id: AR1242Z1 Client Smp ID: AR1242Z1
Inj Date : 28-AUG-2005 12:31
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1242Z1,AR1242Z1,,ar1242.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 09:00 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101F.D
Als bottle: 6 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1242.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.28	6.27	0.010	387244	0.00500	0.020		(a)
26 Aroclor-1242					CAS #: 53469-21-9		
12.2	12.2	0.000	77550	0.10000	0.10	80.00- 120.00	100.00(a)
13.2	13.2	0.000	34654	0.10000	0.10	24.69- 64.69	44.69
13.4	13.4	0.000	65759	0.10000	0.10	64.80- 104.80	84.80
Average of Peak Amounts =					0.1		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
22.3	22.3	0.000	700339	0.01000	0.020		(a)

KC
8/30/05

Data File: E5C2096F.D
Report Date: 30-Aug-2005 11:31

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: E5C2096R.D
Report Date: 30-Aug-2005 11:32

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2096R.D
Lab Smp Id: AR1242Z1 Client Smp ID: AR1242Z1
Inj Date : 28-AUG-2005 12:31
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1242Z1,AR1242Z1,,ar1242.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 09:03 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 6 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1242.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT	AMOUNTS ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.46	8.45	0.010	465390	0.00500	0.020		(a)
27 Aroclor-1242					CAS #: 53469-21-9		
13.2	13.2	0.000	164542	0.10000	0.10	80.00- 120.00	100.00 (a)
13.7	13.7	0.000	63953	0.10000	0.10	18.41- 58.41	38.87
14.0	14.0	0.000	38592	0.10000	0.10	7.00- 47.00	23.45
Average of Peak Amounts =					0.1		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.8	24.8	0.000	483261	0.01000	0.020		(a)

KC 8/30/05

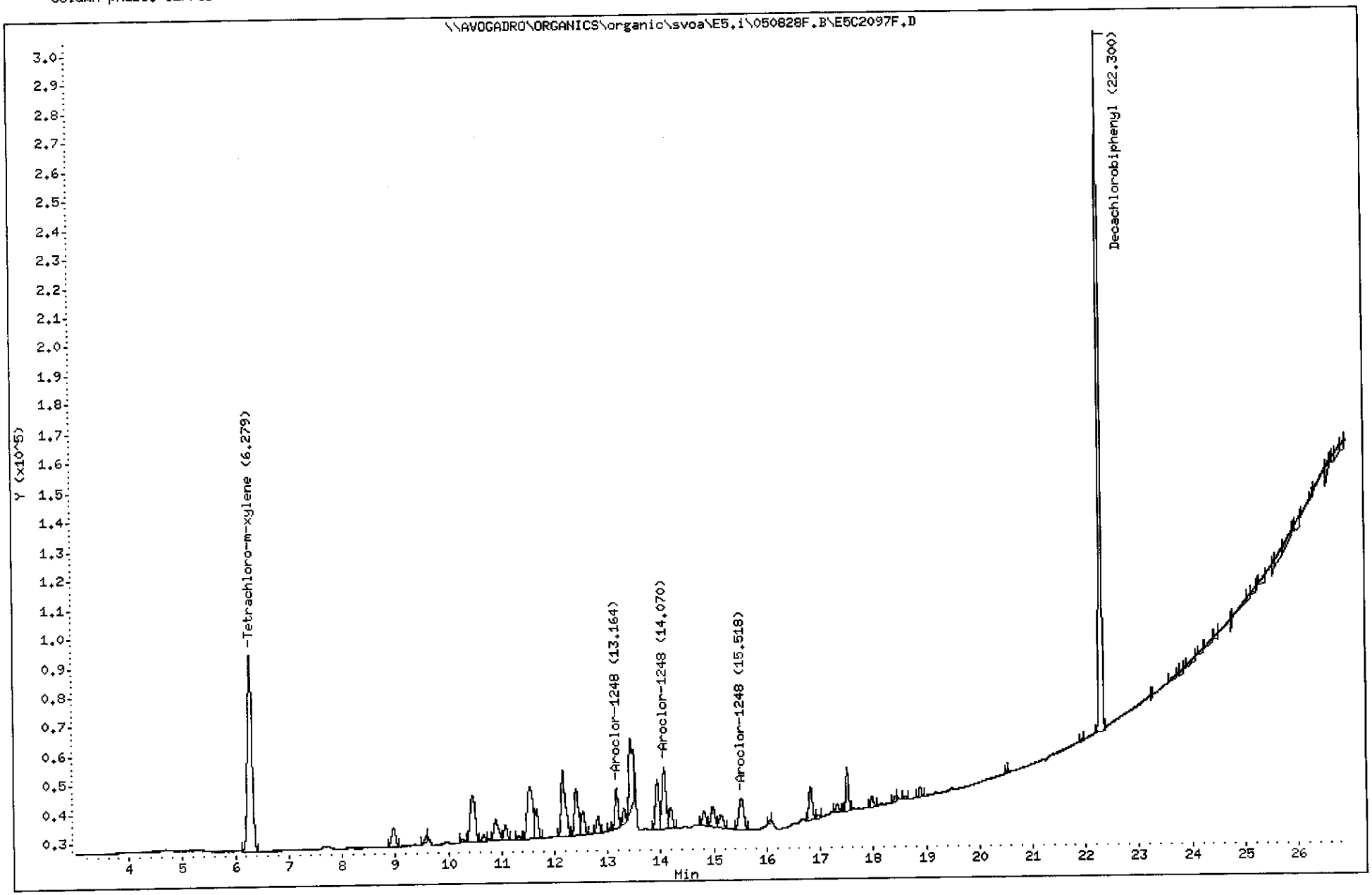
Data File: E5C2096R.D
Report Date: 30-Aug-2005 11:32

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2097F.D
Date : 28-AUG-2005 13:01
Client ID: AR1248Z1
Sample Info: AR1248Z1,AR1248Z1,,ar1248.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

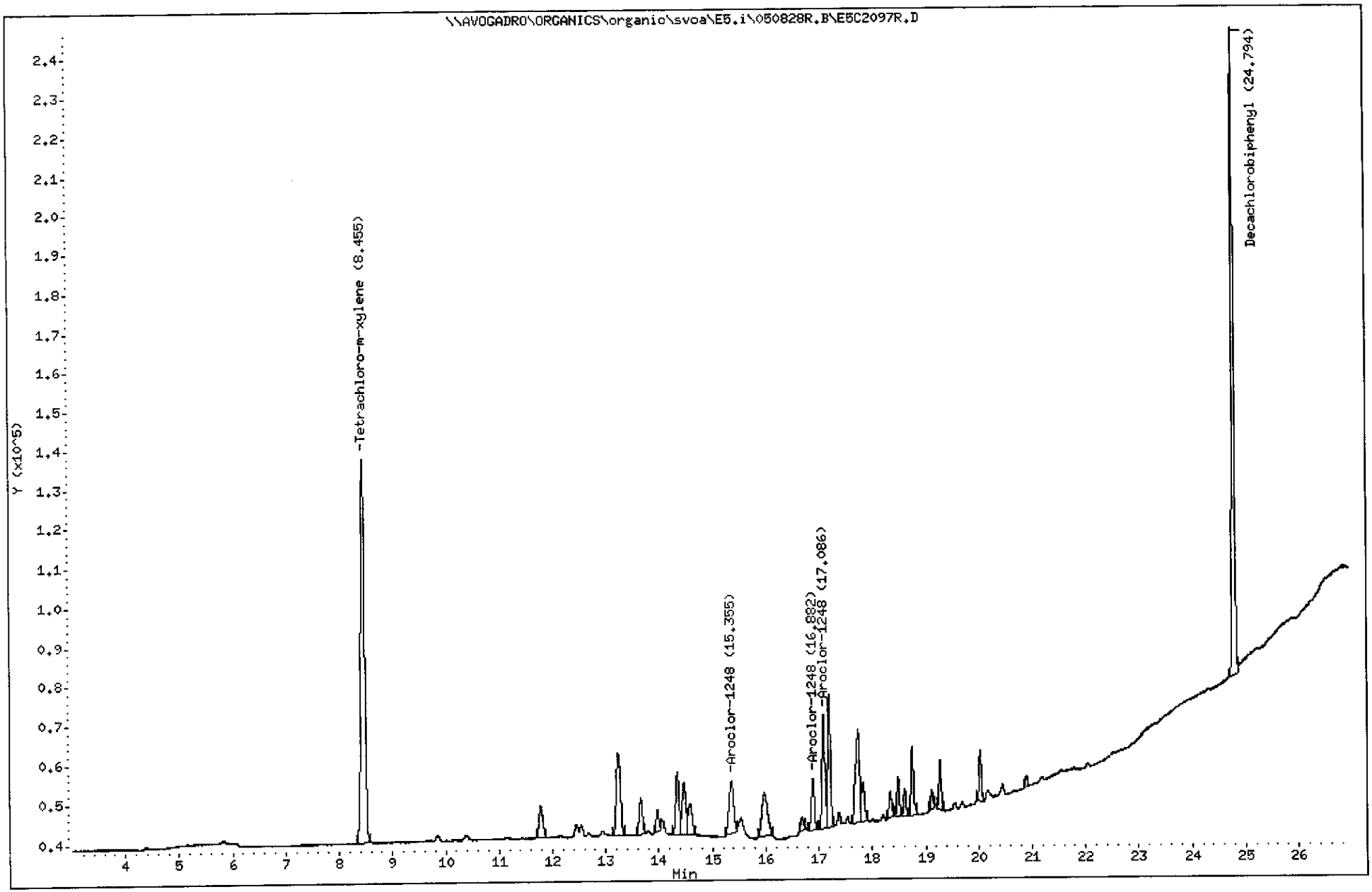
Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2097R.D
Date : 28-AUG-2005 13:01
Client ID: AR1248Z1
Sample Info: AR1248Z1,AR1248Z1,,ar1248.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2097F.D
Report Date: 30-Aug-2005 11:31

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2097F.D
Lab Smp Id: AR1248Z1 Client Smp ID: AR1248Z1
Inj Date : 28-AUG-2005 13:01
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1248Z1,AR1248Z1,,ar1248.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 09:00 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101F.D
Als bottle: 7 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1248.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.28	6.27	0.010	401173	0.00500	0.021		(a)
27 Aroclor-1248					CAS #: 12672-29-6		
13.2	13.2	0.000	56171	0.10000	0.10	80.00- 120.00	100.00(a)
14.1	14.1	0.000	107169	0.10000	0.10	170.79- 210.79	190.79
15.5	15.5	0.000	71355	0.10000	0.10	107.03- 147.03	127.03
Average of Peak Amounts =					0.1		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
22.3	22.3	0.000	733222	0.01000	0.021		(a)

KL
8/30/05

Data File: E5C2097F.D
Report Date: 30-Aug-2005 11:31

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: E5C2097R.D
Report Date: 30-Aug-2005 11:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2097R.D
Lab Smp Id: AR1248Z1 Client Smp ID: AR1248Z1
Inj Date : 28-AUG-2005 13:01
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1248Z1,AR1248Z1,,ar1248.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 09:03 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 7 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1248.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE		RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
8.46	8.45	0.010	486820	0.00500	0.021			(a)
28 Aroclor-1248					CAS #: 12672-29-6			
15.4	15.4	0.000	80442	0.10000	0.10	80.00- 120.00	100.00	(a)
16.9	16.9	0.000	51156	0.10000	0.10	0.00- 31.89	63.59	
17.1	17.1	0.000	107334	0.10000	0.10	0.75- 40.75	133.43	
Average of Peak Amounts =					0.1			
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.8	24.8	0.000	508176	0.01000	0.021			(a)

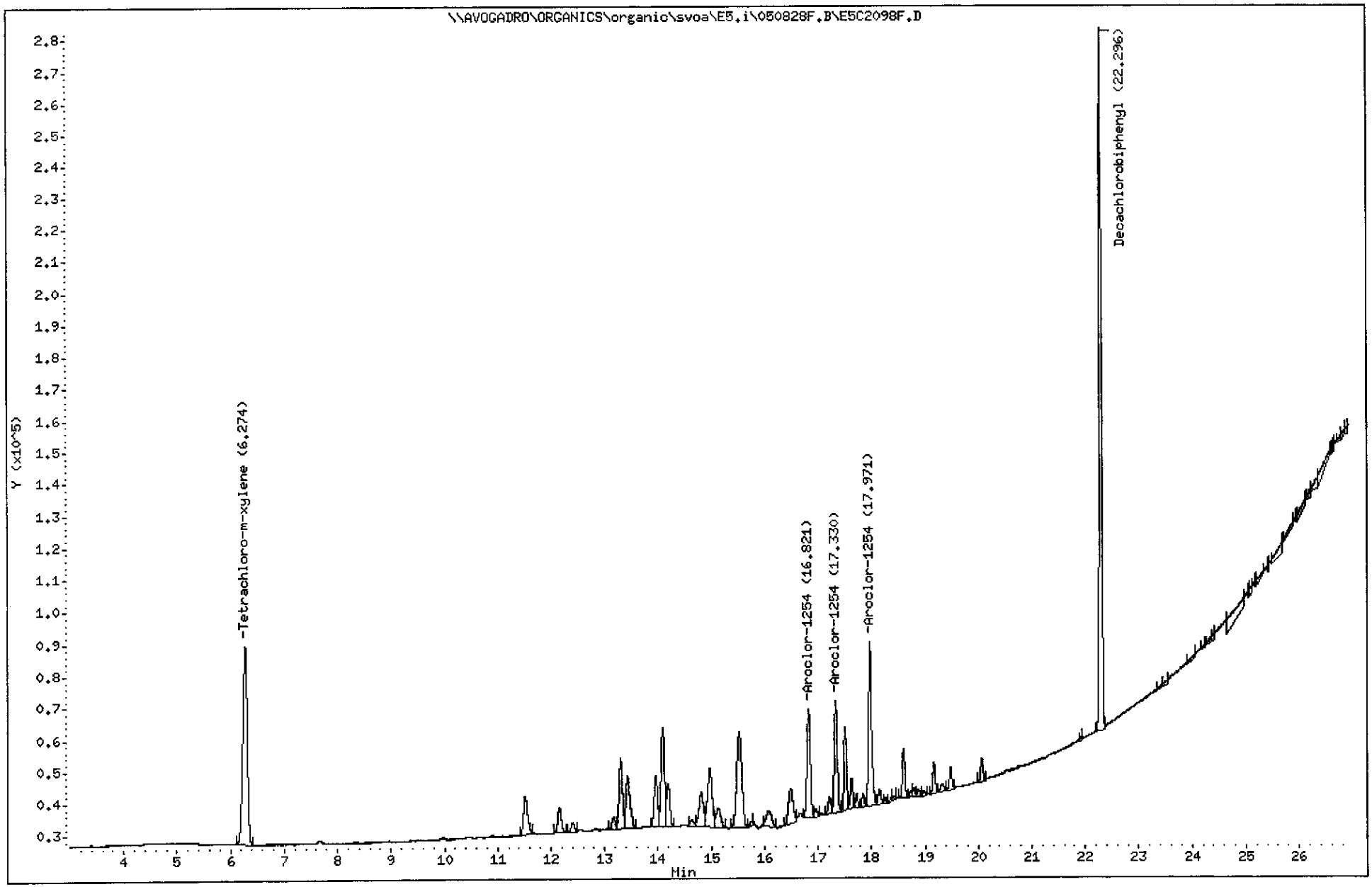
KC
8/30/05

Data File: E5C2097R.D
Report Date: 30-Aug-2005 11:33

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

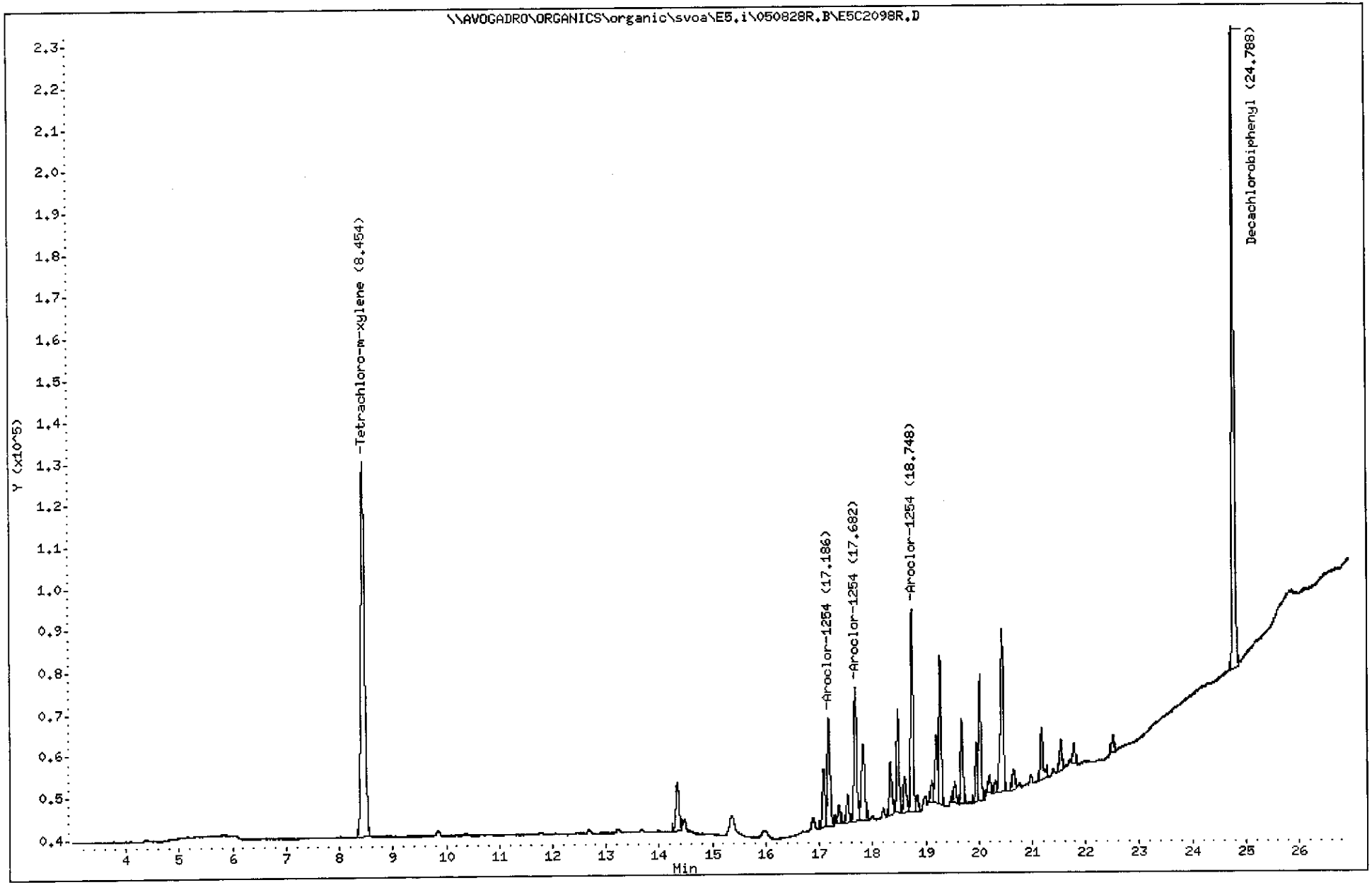
Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2098F.D
Date : 28-AUG-2005 13:32
Client ID: AR1254Z1
Instrument: E5.i
Sample Info: AR1254Z1,AR1254Z1,,ar1254.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2098R.D
Date : 28-AUG-2005 13:32
Client ID: AR1254Z1
Sample Info: AR1254Z1,AR1254Z1,,ar1254,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



2222

Data File: E5C2098F.D
Report Date: 30-Aug-2005 11:31

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2098F.D
Lab Smp Id: AR1254Z1 Client Smp ID: AR1254Z1
Inj Date : 28-AUG-2005 13:32
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1254Z1,AR1254Z1,,ar1254.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 09:00 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101F.D
Als bottle: 8 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1254.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS					
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
6.27	6.27	0.000	366799	0.00500	0.019			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
22.3	22.3	0.000	673050	0.01000	0.019			(a)
28 Aroclor-1254					CAS #: 11097-69-1			
16.8	16.8	0.000	148633	0.10000	0.10	80.00- 120.00	100.00	(a)
17.3	17.3	0.000	142002	0.10000	0.10	75.54- 115.54	95.54	
18.0	18.0	0.000	204286	0.10000	0.10	117.44- 157.44	137.44	
Average of Peak Amounts =					0.1			

KC
8/30/05

Data File: E5C2098F.D
Report Date: 30-Aug-2005 11:31

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: E5C2098R.D
Report Date: 30-Aug-2005 11:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2098R.D
Lab Smp Id: AR1254Z1 Client Smp ID: AR1254Z1
Inj Date : 28-AUG-2005 13:32
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1254Z1,AR1254Z1,,ar1254.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 09:03 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 8 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1254.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE		RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
8.45	8.45	0.000	448203	0.00500	0.019			(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.8	24.8	0.000	464800	0.01000	0.019			(a)
29 Aroclor-1254					CAS #: 11097-69-1			
17.2	17.2	0.000	94564	0.10000	0.10	80.00-	120.00	100.00(a)
17.7	17.7	0.000	112630	0.10000	0.10	81.38-	121.38	119.10
18.7	18.7	0.000	149957	0.10000	0.10	40.12-	80.12	158.58
Average of Peak Amounts =					0.1			

KC 8/30/05

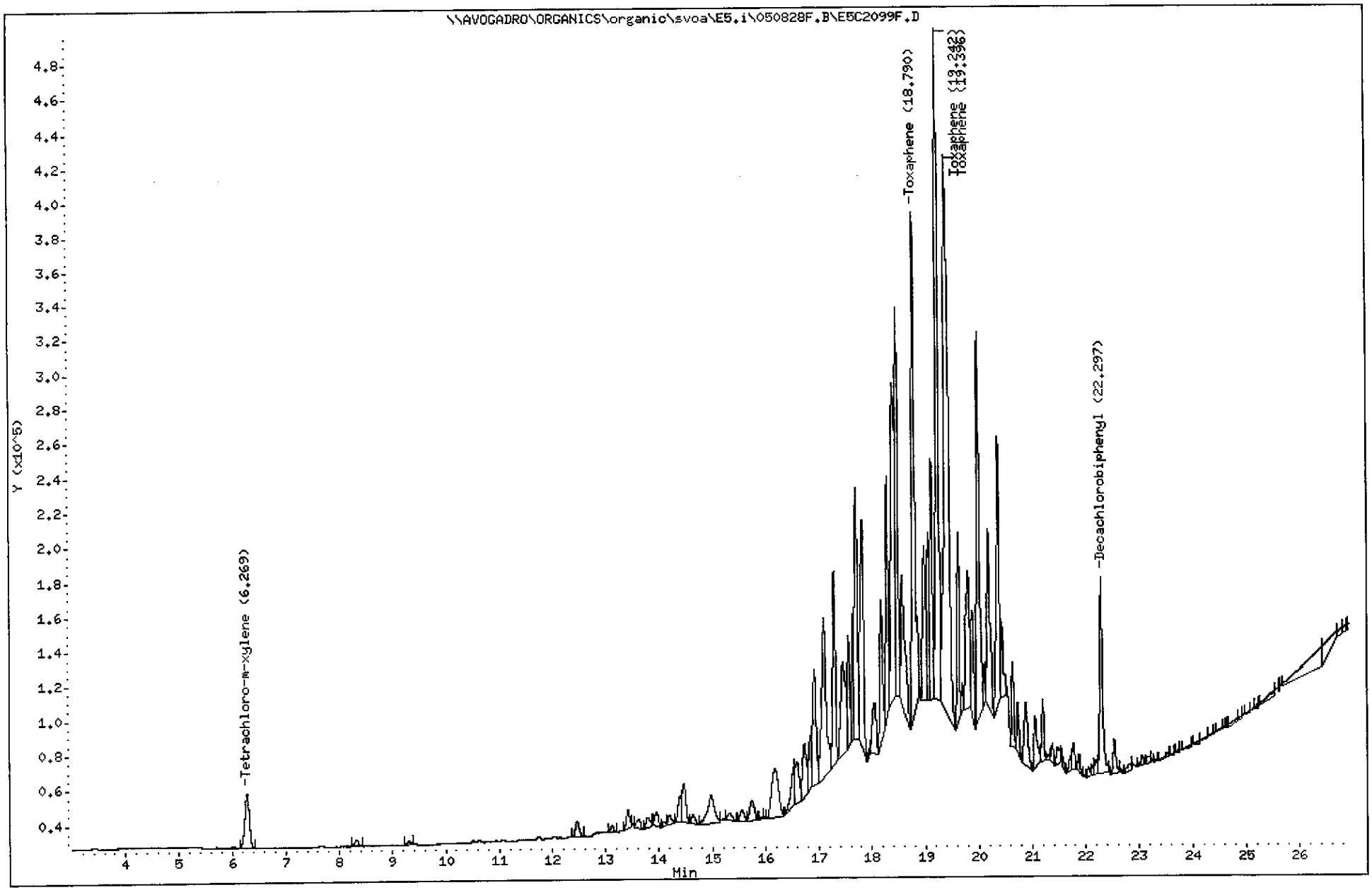
Data File: E5C2098R.D
Report Date: 30-Aug-2005 11:33

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

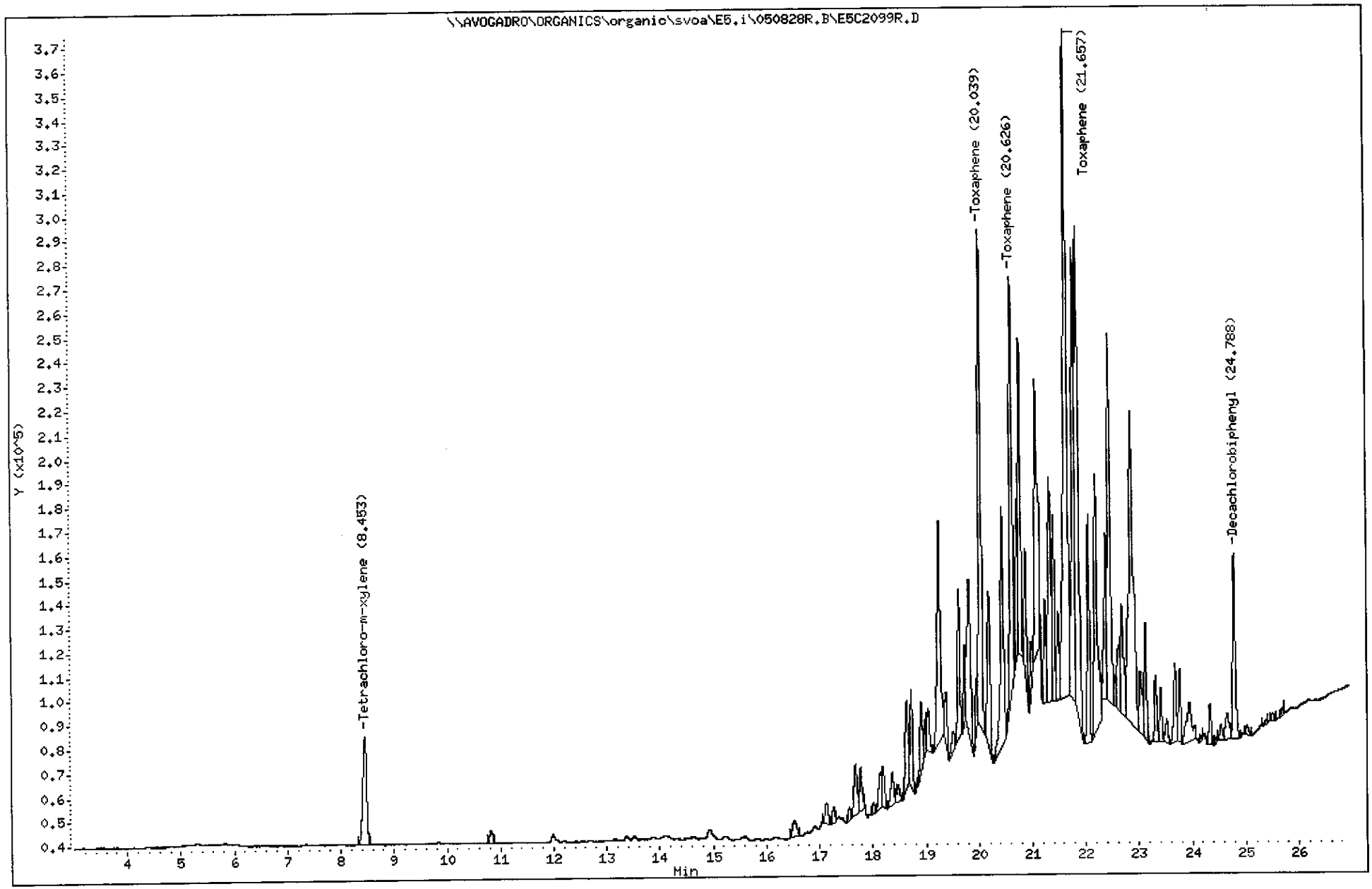
Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2099F.D
Date : 28-AUG-2005 14:02
Client ID: TOXAPHZ1
Sample Info: TOXAPHZ1,TOXAPHZ1,,toxaph.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2099R.D
Date : 28-AUG-2005 14:02
Client ID: TOXAPHZ1
Sample Info: TOXAPHZ1,TOXAPHZ1,,toxaph.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2099F.D
Report Date: 30-Aug-2005 11:31

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2099F.D
Lab Smp Id: TOXAPHZ1 Client Smp ID: TOXAPHZ1
Inj Date : 28-AUG-2005 14:02
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : TOXAPHZ1,TOXAPHZ1,,toxaph.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 09:00 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101F.D
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: toxaph.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
6.27	6.27	0.000	182556	0.00500	0.0094			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
22.3	22.3	0.000	421863	0.01000	0.012			(a)
30 Toxaphene					CAS #: 8001-35-2			
18.8	18.8	0.000	1139667	0.50000	0.50	80.00- 120.00	100.00	(a)
19.2	19.2	0.000	1345644	0.50000	0.50	98.07- 138.07	118.07	
19.4	19.4	0.000	1994684	0.50000	0.50	155.02- 195.02	175.02	
Average of Peak Amounts =					0.5			

KC
8/30/05

Data File: E5C2099F.D
Report Date: 30-Aug-2005 11:31

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: E5C2099R.D
Report Date: 30-Aug-2005 11:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2099R.D
Lab Smp Id: TOXAPHZ1 Client Smp ID: TOXAPHZ1
Inj Date : 28-AUG-2005 14:02
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : TOXAPHZ1,TOXAPHZ1,,toxaph.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 09:03 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: toxaph.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
8.45	8.45	0.000	222331	0.00500	0.0095			(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.8	24.8	0.000	255647	0.01000	0.011			(a)
31 Toxaphene					CAS #: 8001-35-2			
20.0	20.0	0.000	719866	0.50000	0.50	80.00- 120.00	100.00	(a)
20.6	20.6	0.000	633749	0.50000	0.50	71.31- 111.31	88.04	
21.7	21.7	0.000	1294917	0.50000	0.50	5.39- 45.39	179.88	
Average of Peak Amounts =					0.5			

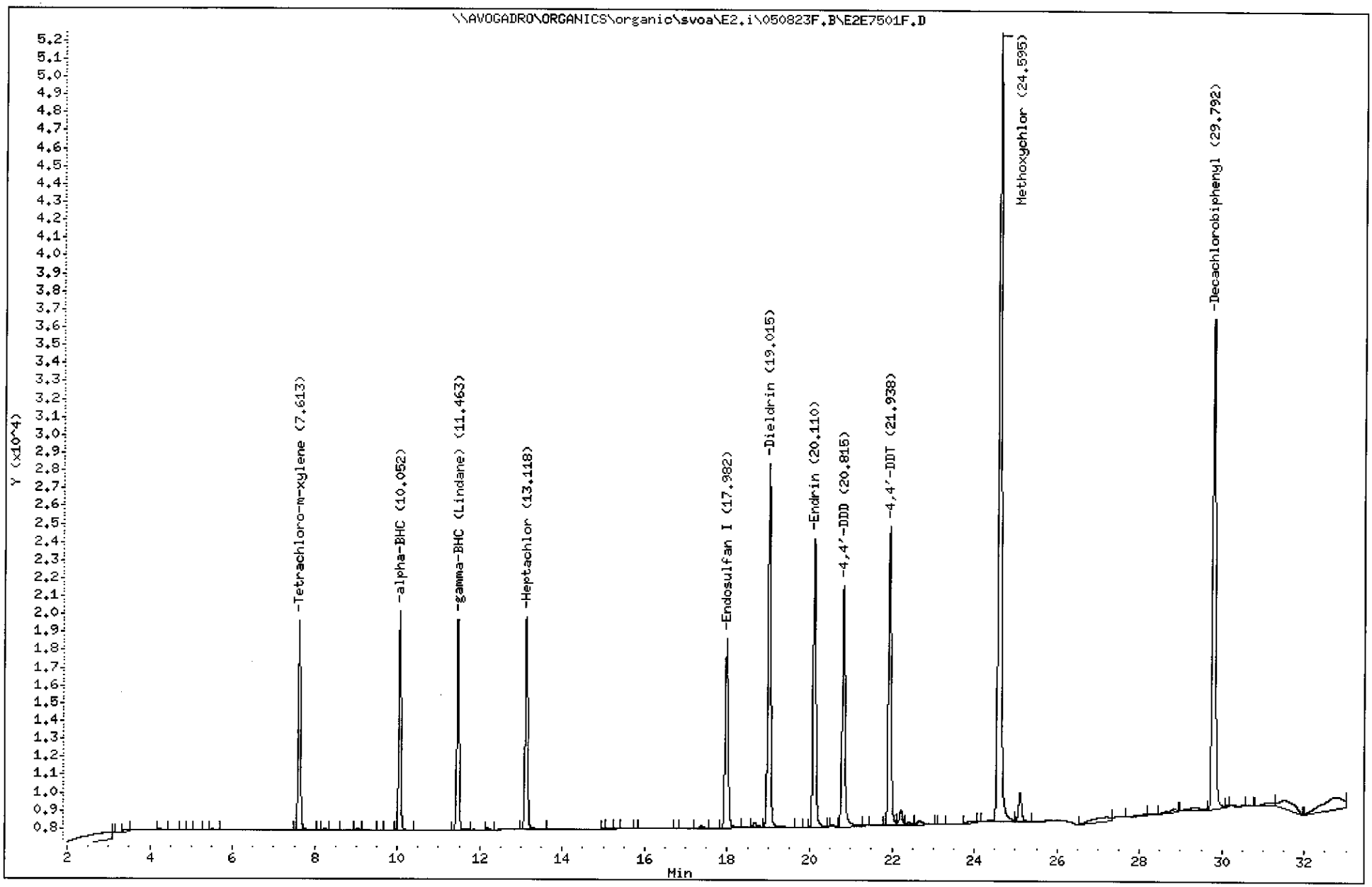
KC
8/30/05

Data File: E5C2099R.D
Report Date: 30-Aug-2005 11:33

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

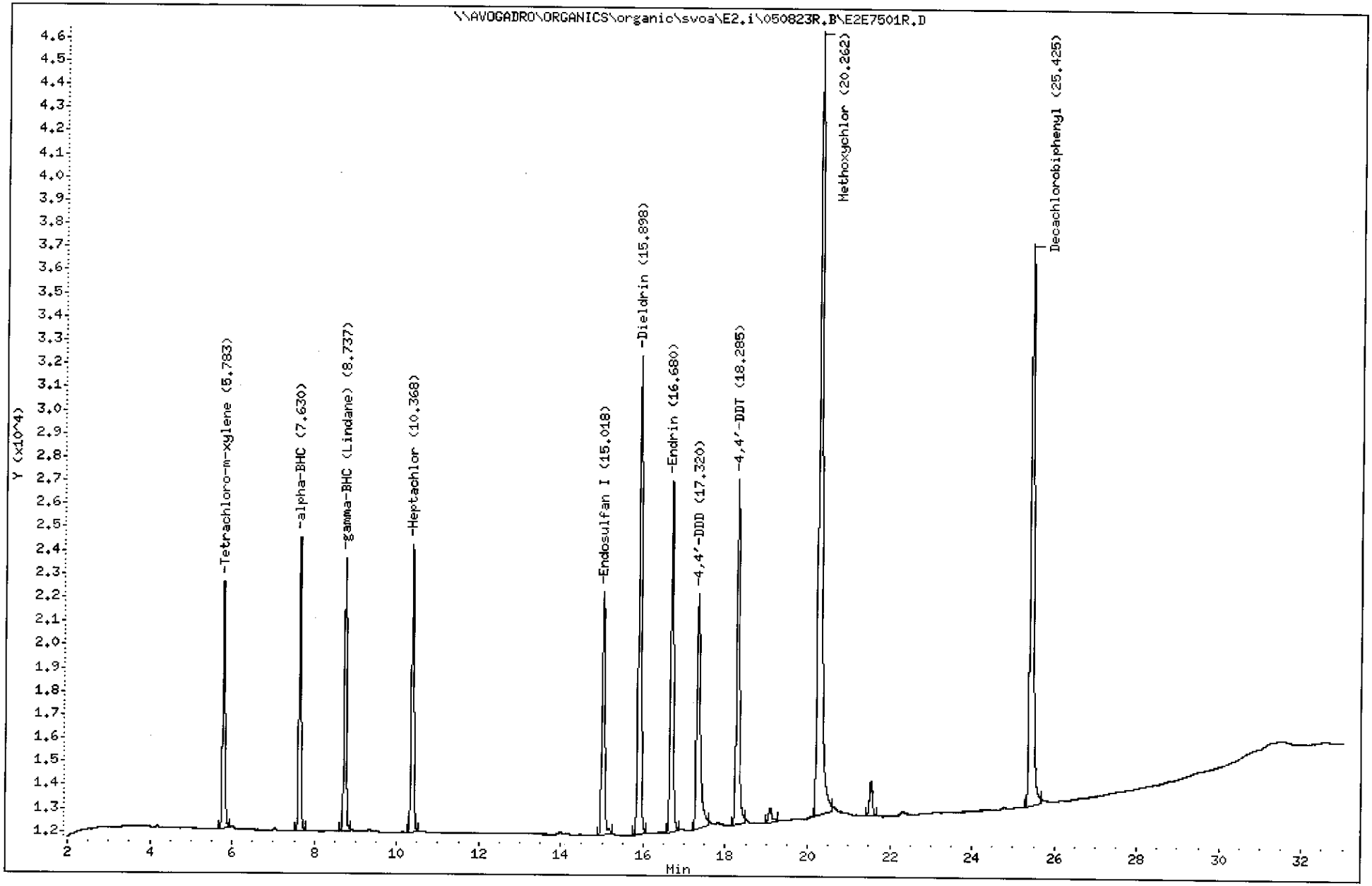
Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7501F.D
Date : 23-AUG-2005 16:25
Client ID: INDAMEK
Instrument: E2.i
Sample Info: INDAMEK,INDAMEK,,inda.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7501R.D
Date : 23-AUG-2005 16:25
Client ID: INDAMEK
Sample Info: INDAMEK,INDAMEK,,inda.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i

Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E2E7501F.D
Report Date: 30-Aug-2005 14:17

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7501F.D
Lab Smp Id: INDAMEK Client Smp ID: INDAMEK
Inj Date : 23-AUG-2005 16:25
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDAMEK,INDAMEK,,inda.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 13:27 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 9 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS				
				CAL-AMT	ON-COL			
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$	1 Tetrachloro-m-xylene					CAS #: 877-09-8		
	7.61	7.59	0.020	45042	0.02000	0.020		(a)
	3 alpha-BHC					CAS #: 319-84-6		
	10.1	10.0	0.100	44354	0.02000	0.021		(a)
	4 gamma-BHC (Lindane)					CAS #: 58-89-9		
	11.5	11.4	0.100	44519	0.02000	0.021		(a)
	5 Heptachlor					CAS #: 76-44-8		
	13.1	13.1	0.000	52699	0.02000	0.020		(a)

Data File: E2E7501F.D
Report Date: 30-Aug-2005 14:17

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
10 Endosulfan I						CAS #: 959-98-8		
18.0	18.0	0.000	48685	0.02000	0.020			(a)
14 Dieldrin						CAS #: 60-57-1		
19.0	19.0	0.000	91031	0.04000	0.040			(a)
15 Endrin						CAS #: 72-20-8		
20.1	20.1	0.000	74357	0.04000	0.041			(a)
16 4,4'-DDD						CAS #: 72-54-8		
20.8	20.8	0.000	64747	0.04000	0.043			(a)
18 4,4'-DDT						CAS #: 50-29-3		
21.9	21.9	0.000	76403	0.04000	0.044			(a)
21 Methoxychlor						CAS #: 72-43-5		
24.6	24.6	0.000	225170	0.20000	0.22			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
29.8	29.8	0.000	143537	0.04000	0.037			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KL
8/30/08

Data File: E2E7501R.D
Report Date: 30-Aug-2005 14:17

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7501R.D
Lab Smp Id: INDAMEK Client Smp ID: INDAMEK
Inj Date : 23-AUG-2005 16:25
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDAMEK,INDAMEK,,inda.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\clp1262-e2r.m
Meth Date : 24-Aug-2005 09:30 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 9 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.78	5.77	0.010	39763	0.02000	0.020		(a)
3 alpha-BHC					CAS #: 319-84-6		
7.63	7.61	0.020	45499	0.02000	0.021		(a)
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
8.74	8.71	0.030	44534	0.02000	0.021		(a)
5 Heptachlor					CAS #: 76-44-8		
10.4	10.3	0.100	52727	0.02000	0.019		(a)

Data File: E2E7501R.D
Report Date: 30-Aug-2005 14:17

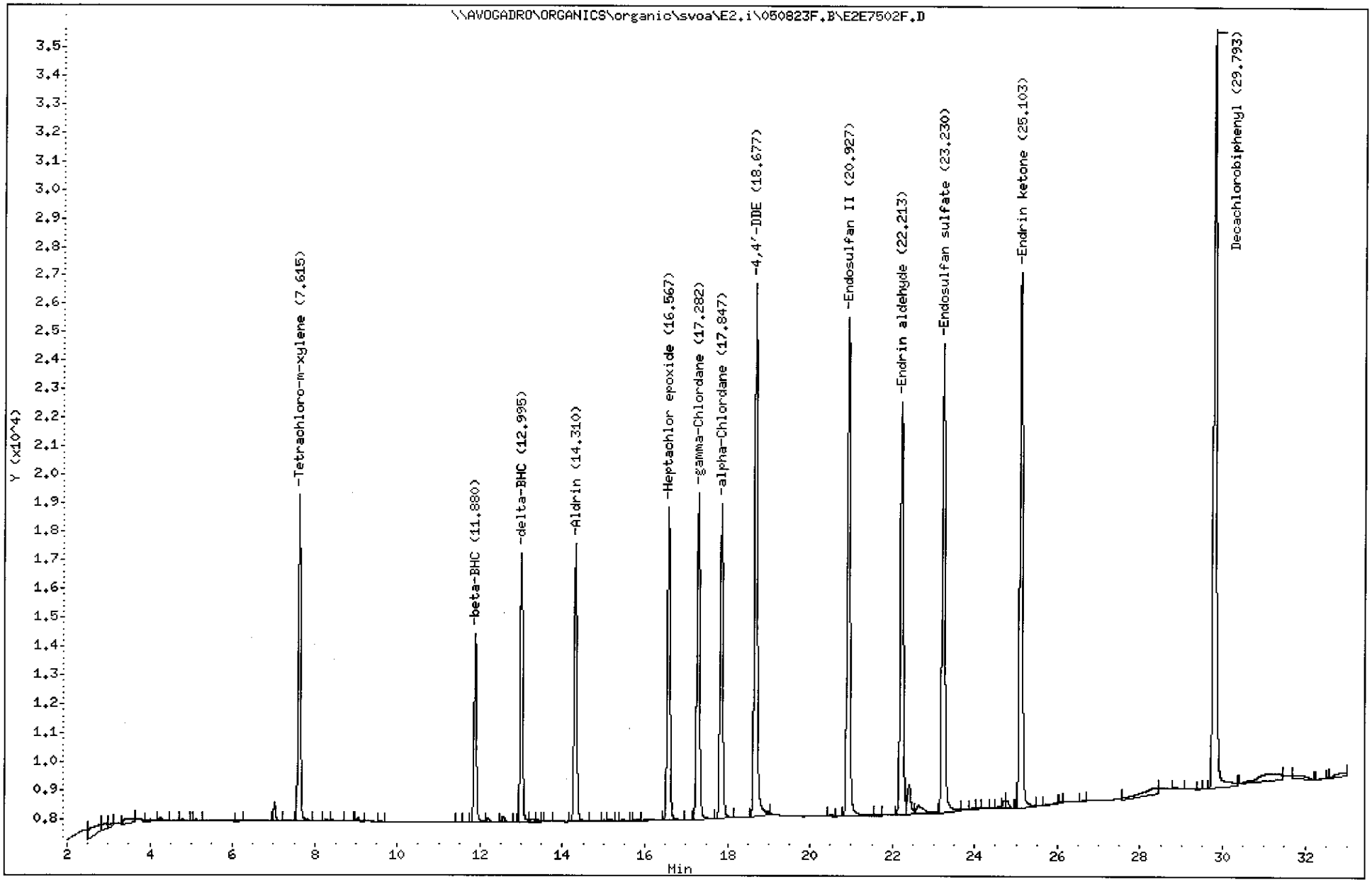
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
10 Endosulfan I						CAS #: 959-98-8		
15.0	15.0	0.000	49010	0.02000	0.021			(a)
14 Dieldrin						CAS #: 60-57-1		
15.9	15.9	0.000	95352	0.04000	0.040			(a)
15 Endrin						CAS #: 72-20-8		
16.7	16.7	0.000	70458	0.04000	0.041			(a)
16 4,4'-DDD						CAS #: 72-54-8		
17.3	17.3	0.000	60750	0.04000	0.046			(a)
18 4,4'-DDT						CAS #: 50-29-3		
18.3	18.3	0.000	75967	0.04000	0.045			(a)
21 Methoxychlor						CAS #: 72-43-5		
20.3	20.2	0.100	207759	0.20000	0.22			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
25.4	25.4	0.000	138789	0.04000	0.038			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

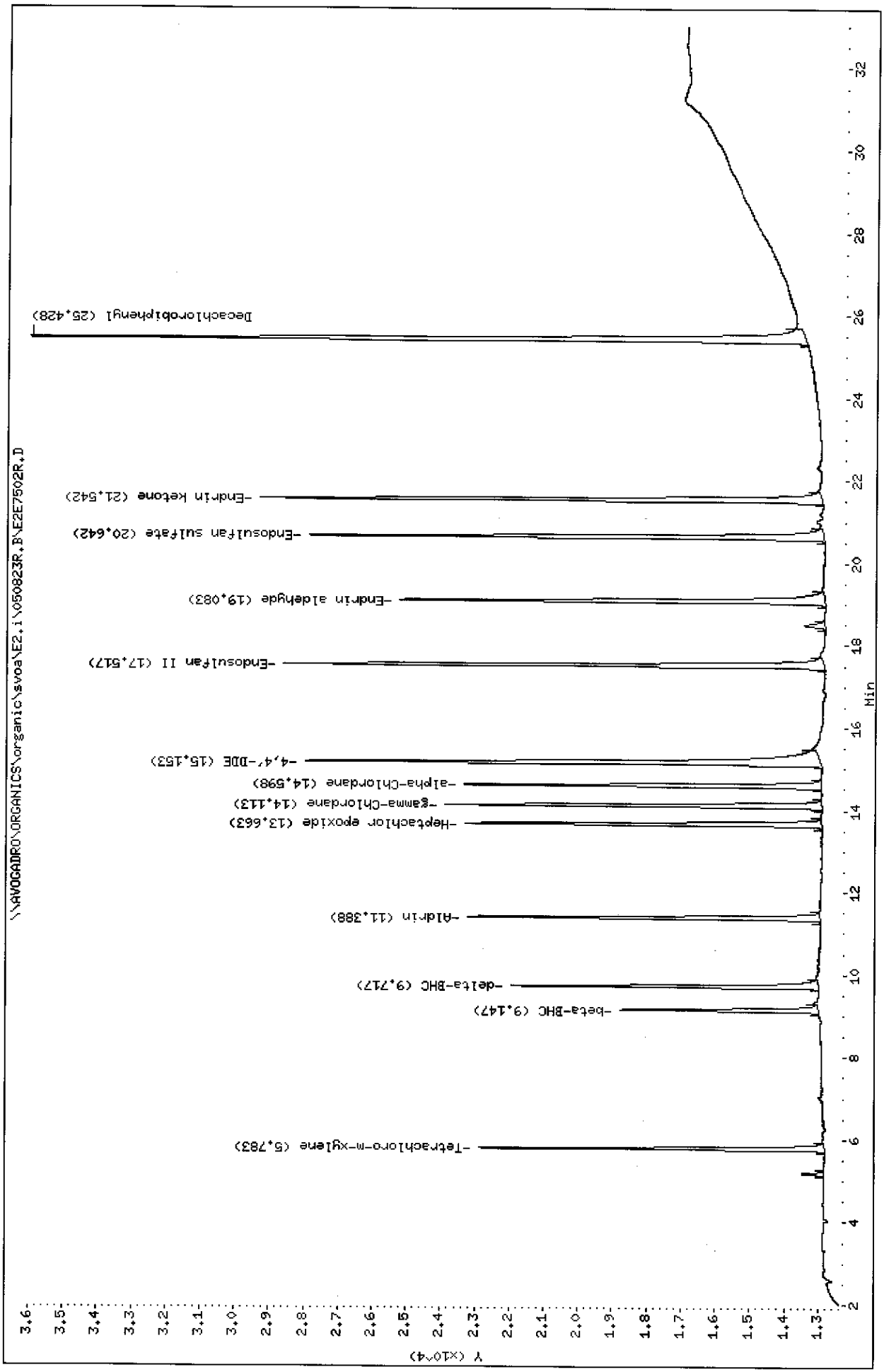
KL
8/30/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7502F.D
Date : 23-AUG-2005 17:01
Client ID: INDBMEK
Instrument: E2.i
Sample Info: INDBMEK,INDBMEK,,,indb,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7502R.D
Date : 23-AUG-2005 17:01
Client ID: INDBMEK
Sample Info: INDBMEK,INDBMEK,,indb,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E2E7502F.D
Report Date: 30-Aug-2005 14:17

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7502F.D
Lab Smp Id: INDBMEK Client Smp ID: INDBMEK
Inj Date : 23-AUG-2005 17:01
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDBMEK,INDBMEK,,indb.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 13:27 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.62	7.59	0.030	43612	0.02000	0.019		(a)
6 Aldrin					CAS #: 309-00-2		
14.3	14.3	0.000	41812	0.02000	0.020		(a)
7 beta-BHC					CAS #: 319-85-7		
11.9	11.9	0.000	26727	0.02000	0.020		(a)
8 delta-BHC					CAS #: 319-86-8		
13.0	13.0	0.000	35967	0.02000	0.023		(a)

Data File: E2E7502F.D
Report Date: 30-Aug-2005 14:17

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
9 Heptachlor epoxide					CAS #: 1024-57-3			
16.6	16.5	0.100	48908	0.02000	0.019			(a)
11 gamma-Chlordane					CAS #: 5103-74-2			
17.3	17.3	0.000	53238	0.02000	0.019			(a)
12 alpha-Chlordane					CAS #: 5103-71-9			
17.8	17.8	0.000	50779	0.02000	0.019			(a)
13 4,4'-DDE					CAS #: 72-55-9			
18.7	18.6	0.100	87715	0.04000	0.039			(a)
17 Endosulfan II					CAS #: 33213-65-9			
20.9	20.9	0.000	83712	0.04000	0.037			(a)
19 Endrin aldehyde					CAS #: 7421-93-4			
22.2	22.2	0.000	69711	0.04000	0.040			(a)
20 Endosulfan sulfate					CAS #: 1031-07-8			
23.2	23.2	0.000	79553	0.04000	0.049			(a)
22 Endrin ketone					CAS #: 53494-70-5			
25.1	25.1	0.000	87920	0.04000	0.055			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
29.8	29.8	0.000	143598	0.04000	0.037			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KL
8/30/05

Data File: E2E7502R.D
Report Date: 30-Aug-2005 14:17

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7502R.D
Lab Smp Id: INDBMEK Client Smp ID: INDBMEK
Inj Date : 23-AUG-2005 17:01
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDBMEK,INDBMEK,,indb.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\clp1262-e2r.m
Meth Date : 24-Aug-2005 09:30 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.78	5.77	0.010	38341	0.02000	0.019		(a)
6 Aldrin					CAS #: 309-00-2		
11.4	11.4	0.000	44311	0.02000	0.019		(a)
7 beta-BHC					CAS #: 319-85-7		
9.15	9.13	0.020	24223	0.02000	0.018		(a)
8 delta-BHC					CAS #: 319-86-8		
9.72	9.70	0.020	37637	0.02000	0.023		(a)

Data File: E2E7502R.D
Report Date: 30-Aug-2005 14:17

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
9 Heptachlor epoxide						CAS #: 1024-57-3	
13.7	13.6	0.100	46801	0.02000	0.019		(a)
11 gamma-Chlordane						CAS #: 5103-74-2	
14.1	14.1	0.000	50452	0.02000	0.019		(a)
12 alpha-Chlordane						CAS #: 5103-71-9	
14.6	14.6	0.000	47852	0.02000	0.019		(a)
13 4,4'-DDE						CAS #: 72-55-9	
15.2	15.1	0.100	90444	0.04000	0.041		(a)
17 Endosulfan II						CAS #: 33213-65-9	
17.5	17.5	0.000	79116	0.04000	0.037		(a)
19 Endrin aldehyde						CAS #: 7421-93-4	
19.1	19.1	0.000	65705	0.04000	0.038		(a)
20 Endosulfan sulfate						CAS #: 1031-07-8	
20.6	20.6	0.000	77561	0.04000	0.050		(a)
22 Endrin ketone						CAS #: 53494-70-5	
21.5	21.5	0.000	84784	0.04000	0.054		(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	133354	0.04000	0.037		(a)

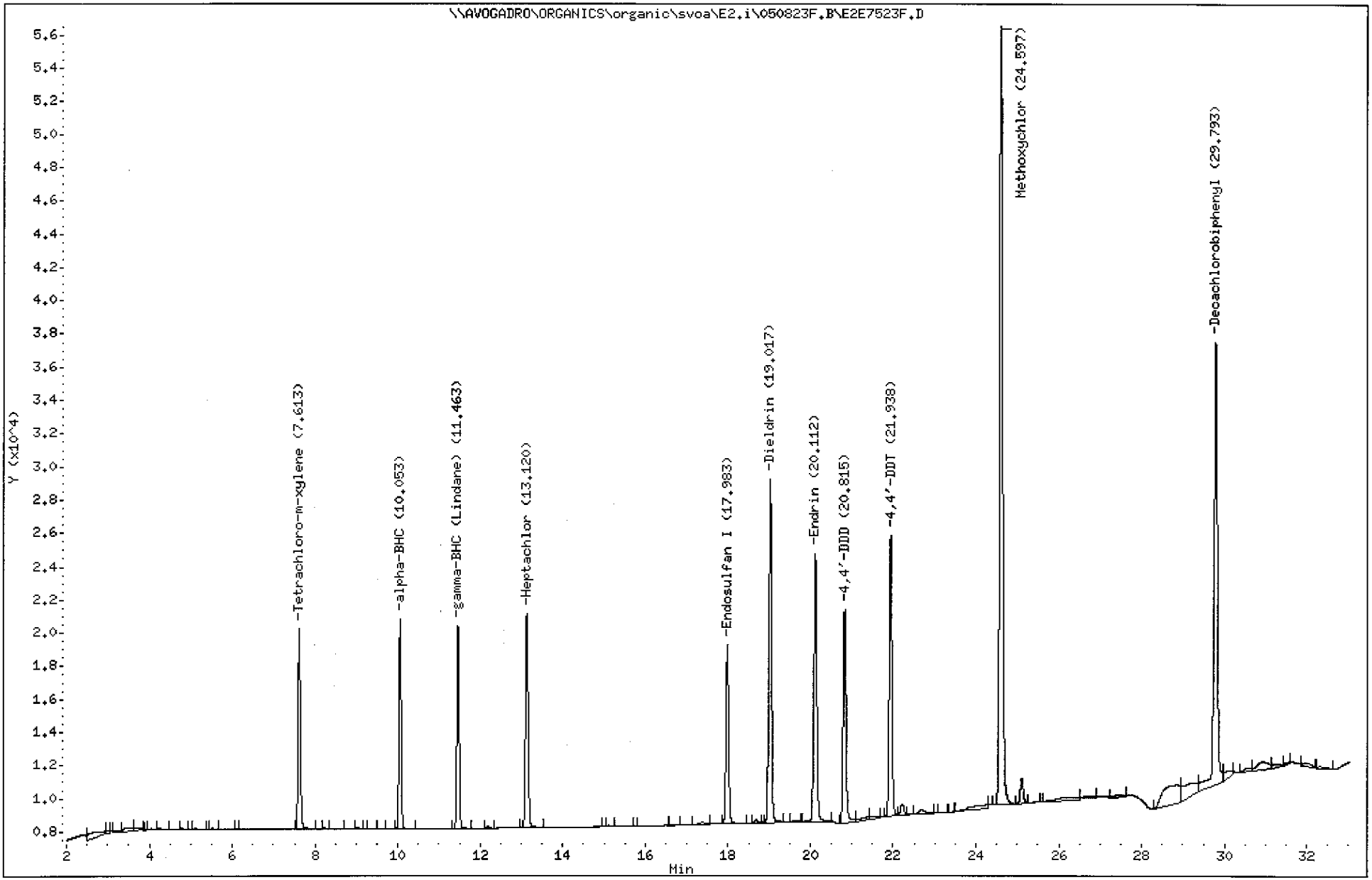
QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KL
8/3-/05

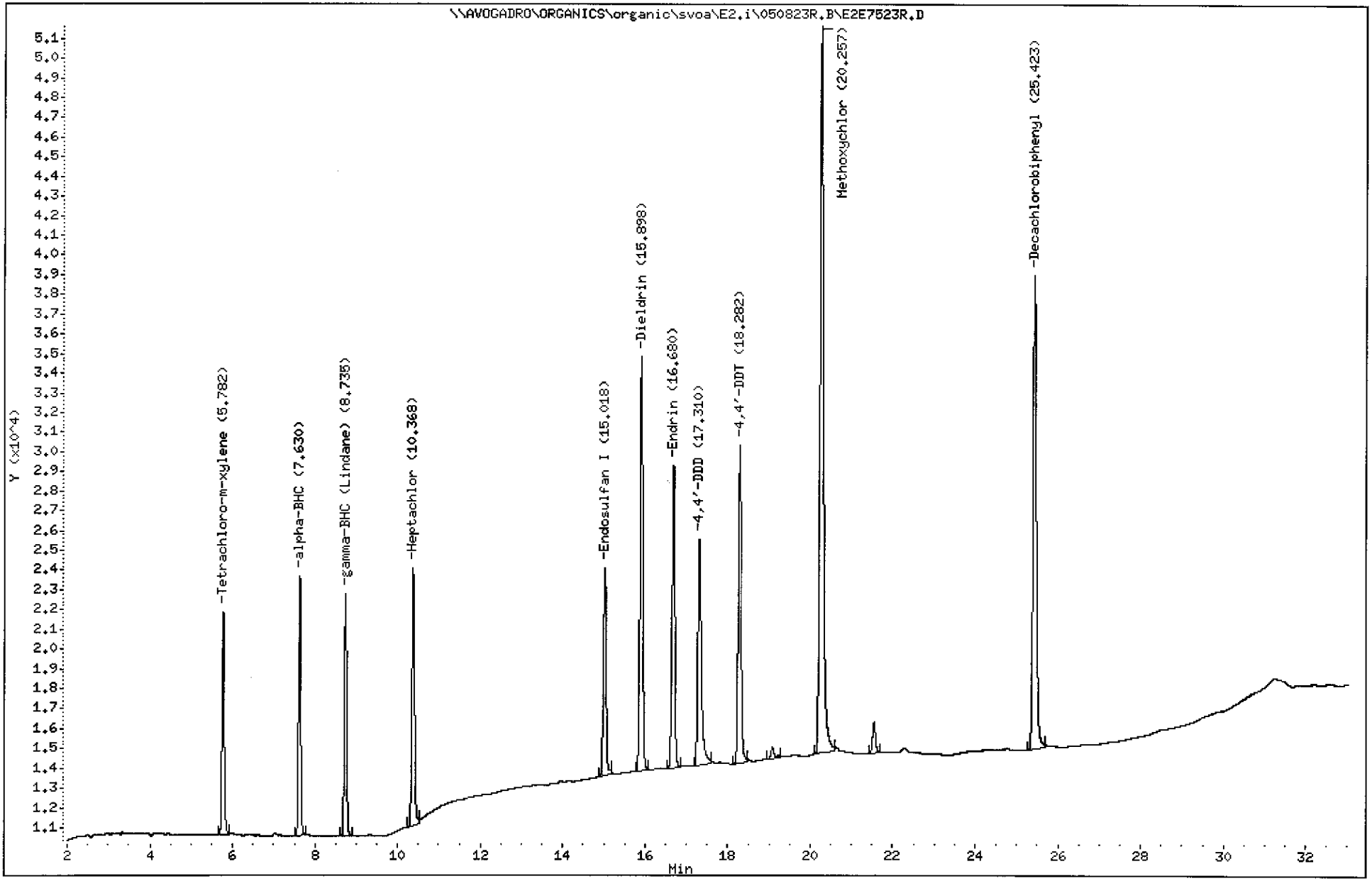
Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7523F.D
Date : 24-AUG-2005 06:25
Client ID: ~~INDAMEK~~ INDAMOL KC 8/30/05
Sample Info: ~~INDAMEK,INDAMEK~~,,inda,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7523R.D
Date : 24-AUG-2005 06:25
Client ID: ~~INDAMEK~~ INDA MDL KC 8/3-4/N
Sample Info: ~~INDAMEK,INDAMEK~~,,inda,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E2E7523F.D
Report Date: 30-Aug-2005 13:39

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7523F.D
Lab Smp Id: ~~INDAMEK~~ Client Smp ID: ~~INDAMEK~~
Inj Date : 24-AUG-2005 06:25
Operator : SZ SRC: SZ Inst ID: E2.i INDAMDL KC 8/30/05
Smp Info : ~~INDAMEK,INDAMEK~~,,inda.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 13:27 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 9 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.61	7.59	0.020	46422	0.02000	0.020		(a)
3 alpha-BHC					CAS #: 319-84-6		
10.1	10.0	0.100	46230	0.02000	0.022		(a)
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
11.5	11.4	0.100	46045	0.02000	0.022		(a)
5 Heptachlor					CAS #: 76-44-8		
13.1	13.1	0.000	57392	0.02000	0.022		(a)

Data File: E2E7523F.D
Report Date: 30-Aug-2005 13:39

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
10 Endosulfan I					CAS #: 959-98-8		
18.0	18.0	0.000	48936	0.02000	0.020		(a)
14 Dieldrin					CAS #: 60-57-1		
19.0	19.0	0.000	92293	0.04000	0.041		(a)
15 Endrin					CAS #: 72-20-8		
20.1	20.1	0.000	74351	0.04000	0.041		(a)
16 4,4'-DDD					CAS #: 72-54-8		
20.8	20.8	0.000	59738	0.04000	0.040		(a)
18 4,4'-DDT					CAS #: 50-29-3		
21.9	21.9	0.000	75864	0.04000	0.043		(a)
21 Methoxychlor					CAS #: 72-43-5		
24.6	24.6	0.000	233533	0.20000	0.23		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	150669	0.04000	0.039		(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC
8/30/05

Data File: E2E7523R.D
Report Date: 30-Aug-2005 13:40

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7523R.D
Lab Smp Id: ~~INDAMEK~~ Client Smp ID: ~~INDAMEK~~
Inj Date : 24-AUG-2005 06:25
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : ~~INDAMEK,INDAMEK~~,,inda.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\clp1262-e2r.m
Meth Date : 24-Aug-2005 09:30 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 9 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

INDAMDL KC 8/31

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.78	5.77	0.010	41851	0.02000	0.021		(a)
3 alpha-BHC					CAS #: 319-84-6		
7.63	7.61	0.020	47331	0.02000	0.022		(a)
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
8.74	8.71	0.030	46272	0.02000	0.022		(a)
5 Heptachlor					CAS #: 76-44-8		
10.4	10.3	0.100	56443	0.02000	0.021		(a)

Data File: E2E7523R.D
Report Date: 30-Aug-2005 13:40

				AMOUNTS				
				CAL-AMT	ON-COL			
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
	10 Endosulfan I					CAS #: 959-98-8		
	15.0	15.0	0.000	48175	0.02000	0.020		(a)
	14 Dieldrin					CAS #: 60-57-1		
	15.9	15.9	0.000	95882	0.04000	0.040		(a)
	15 Endrin					CAS #: 72-20-8		
	16.7	16.7	0.000	71369	0.04000	0.042		(a)
	16 4,4'-DDD					CAS #: 72-54-8		
	17.3	17.3	0.000	64332	0.04000	0.048		(a)
	18 4,4'-DDT					CAS #: 50-29-3		
	18.3	18.3	0.000	80632	0.04000	0.047		(a)
	21 Methoxychlor					CAS #: 72-43-5		
	20.3	20.2	0.100	215380	0.20000	0.22		(a)
$	2 Decachlorobiphenyl					CAS #: 2051-24-3		
	25.4	25.4	0.000	135682	0.04000	0.038		(a)

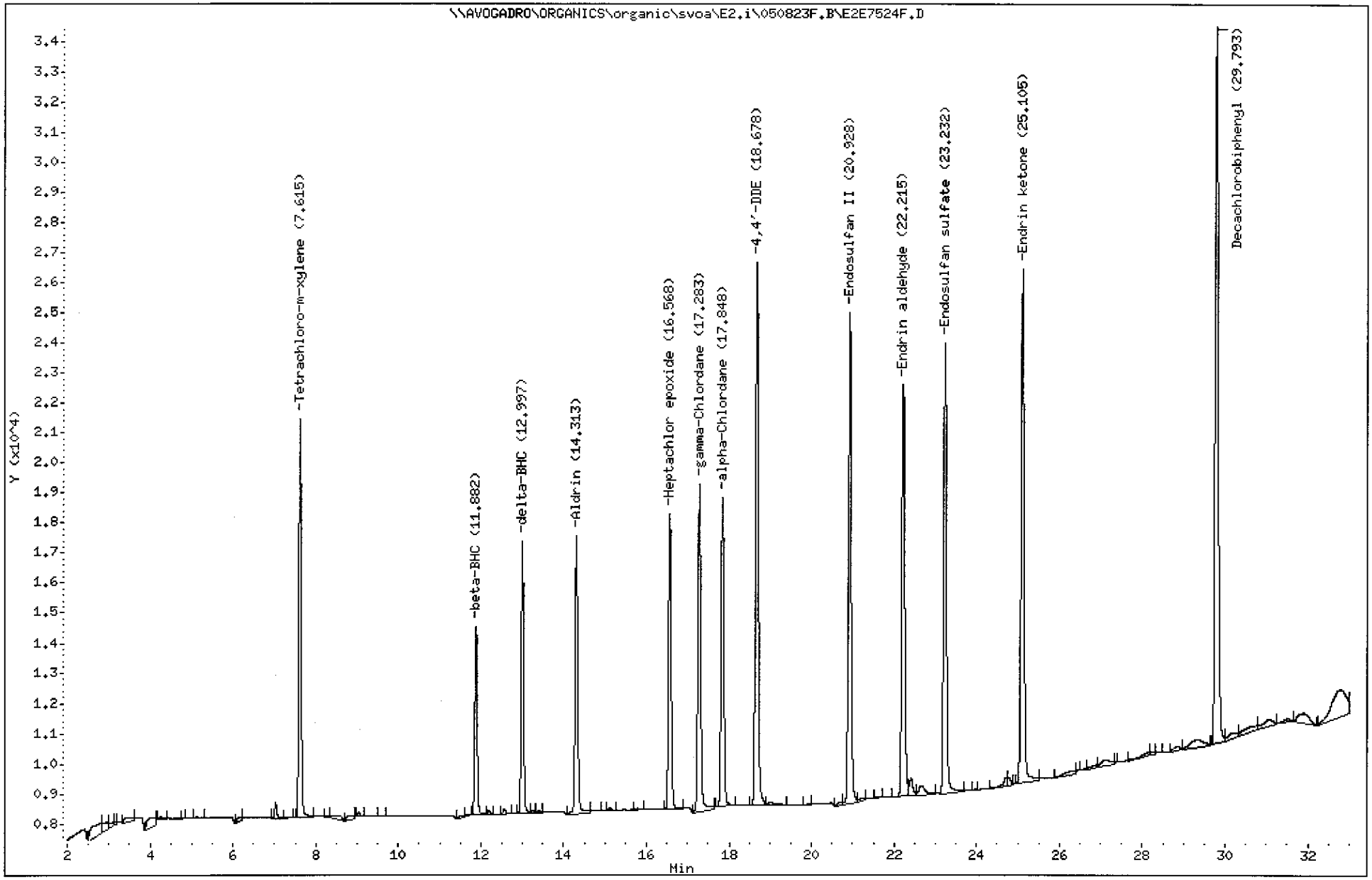
QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

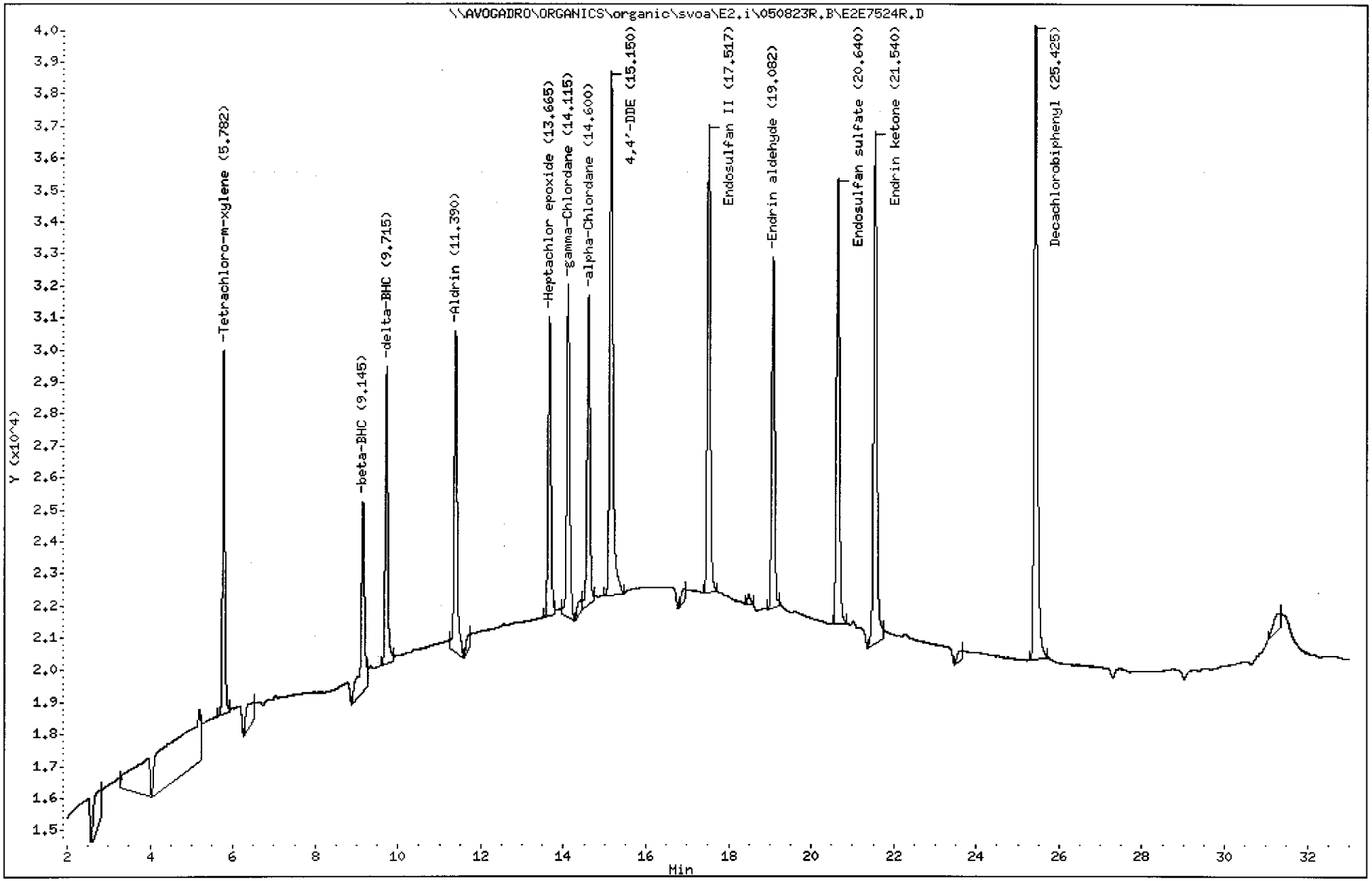
KC
8/3-/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7524F.D
Date : 24-AUG-2005 07:01
Client ID: ~~INDBMEK~~ INDBMDL KC 8/30/05
Sample Info: I~~NDBMEK,INDBMEK~~,,indB,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7524R.D
Date : 24-AUG-2005 07:01
Client ID: ~~INDBMEK~~ INDBMDL KC 8/3/05
Instrument: E2.i
Sample Info: ~~INDBMEK,INDBMEK~~,,indB,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



2222

Data File: E2E7524F.D
Report Date: 30-Aug-2005 13:39

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7524F.D
Lab Smp Id: ~~INDBMEK~~ Client Smp ID: ~~INDBME~~K
Inj Date : 24-AUG-2005 07:01
Operator : SZ SRC: SZ Inst ID: E2.i INDBM0L KC 8/3-4/w
Smp Info : ~~INDBMEK,INDBMEK~~,,indB.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 13:27 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indB.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.62	7.59	0.030	50726	0.02000	0.022		(a)
6 Aldrin					CAS #: 309-00-2		
14.3	14.3	0.000	42035	0.02000	0.020		(a)
7 beta-BHC					CAS #: 319-85-7		
11.9	11.9	0.000	25320	0.02000	0.018		(a)
8 delta-BHC					CAS #: 319-86-8		
13.0	13.0	0.000	34722	0.02000	0.022		(a)

Data File: E2E7524F.D
Report Date: 30-Aug-2005 13:39

			AMOUNTS			
				CAL-AMT	ON-COL	
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	============	=====
9 Heptachlor epoxide					CAS #: 1024-57-3		
16.6	16.5	0.100	44249	0.02000	0.017		(a)
11 gamma-Chlordane					CAS #: 5103-74-2		
17.3	17.3	0.000	53040	0.02000	0.019		(a)
12 alpha-Chlordane					CAS #: 5103-71-9		
17.8	17.8	0.000	46957	0.02000	0.018		(a)
13 4,4'-DDE					CAS #: 72-55-9		
18.7	18.6	0.100	82341	0.04000	0.037		(a)
17 Endosulfan II					CAS #: 33213-65-9		
20.9	20.9	0.000	77372	0.04000	0.035		(a)
19 Endrin aldehyde					CAS #: 7421-93-4		
22.2	22.2	0.000	65952	0.04000	0.037		(a)
20 Endosulfan sulfate					CAS #: 1031-07-8		
23.2	23.2	0.000	72092	0.04000	0.044		(a)
22 Endrin ketone					CAS #: 53494-70-5		
25.1	25.1	0.000	81589	0.04000	0.051		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	122947	0.04000	0.032		(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

KL
8/30/05

Data File: E2E7524R.D
Report Date: 30-Aug-2005 13:41

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7524R.D
Lab Smp Id: ~~INDBMEK~~ Client Smp ID: ~~INDBMEK~~
Inj Date : 24-AUG-2005 07:01
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : ~~INDBMEK,INDBMEK~~,,indB.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\clp1262-e2r.m
Meth Date : 24-Aug-2005 09:30 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indB.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

INDBMDL KC 8/3/05

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.78	5.77	0.010	43178	0.02000	0.021		(a)
6 Aldrin					CAS #: 309-00-2		
11.4	11.4	0.000	49409	0.02000	0.021		(a)
7 beta-BHC					CAS #: 319-85-7		
9.15	9.13	0.020	34882	0.02000	0.026		(a)
8 delta-BHC					CAS #: 319-86-8		
9.72	9.70	0.020	38950	0.02000	0.024		(a)

Data File: E2E7524R.D
Report Date: 30-Aug-2005 13:41

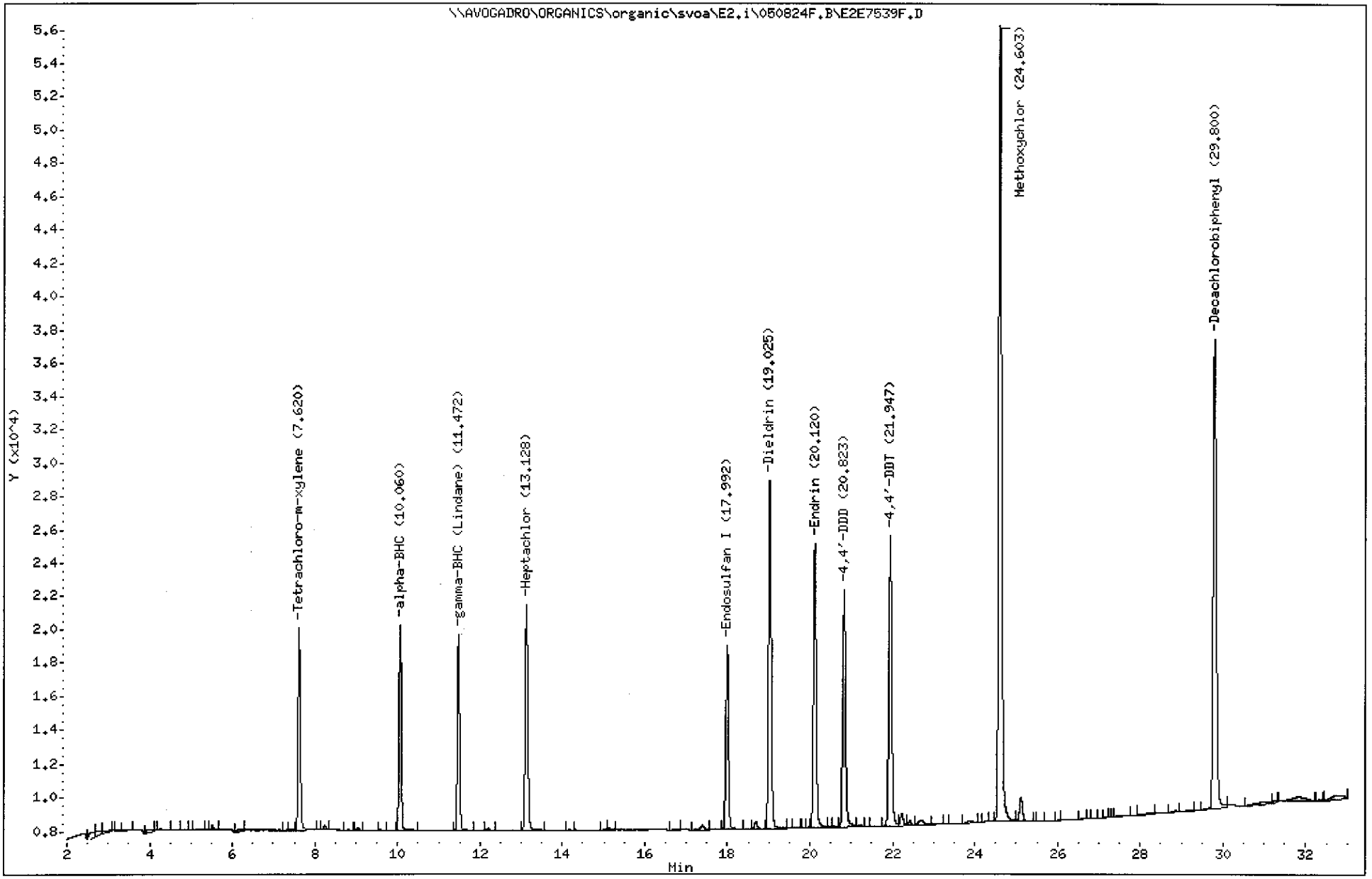
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
9 Heptachlor epoxide						CAS #: 1024-57-3	
13.7	13.6	0.100	42452	0.02000	0.017		(a)
11 gamma-Chlordane						CAS #: 5103-74-2	
14.1	14.1	0.000	51684	0.02000	0.019		(a)
12 alpha-Chlordane						CAS #: 5103-71-9	
14.6	14.6	0.000	47374	0.02000	0.019		(a)
13 4,4'-DDE						CAS #: 72-55-9	
15.2	15.1	0.100	88974	0.04000	0.040		(a)
17 Endosulfan II						CAS #: 33213-65-9	
17.5	17.5	0.000	71617	0.04000	0.033		(a)
19 Endrin aldehyde						CAS #: 7421-93-4	
19.1	19.1	0.000	52337	0.04000	0.030		(a)
20 Endosulfan sulfate						CAS #: 1031-07-8	
20.6	20.6	0.000	69578	0.04000	0.045		(a)
22 Endrin ketone						CAS #: 53494-70-5	
21.5	21.5	0.000	85370	0.04000	0.054		(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	112780	0.04000	0.031		(a)

QC Flag Legend

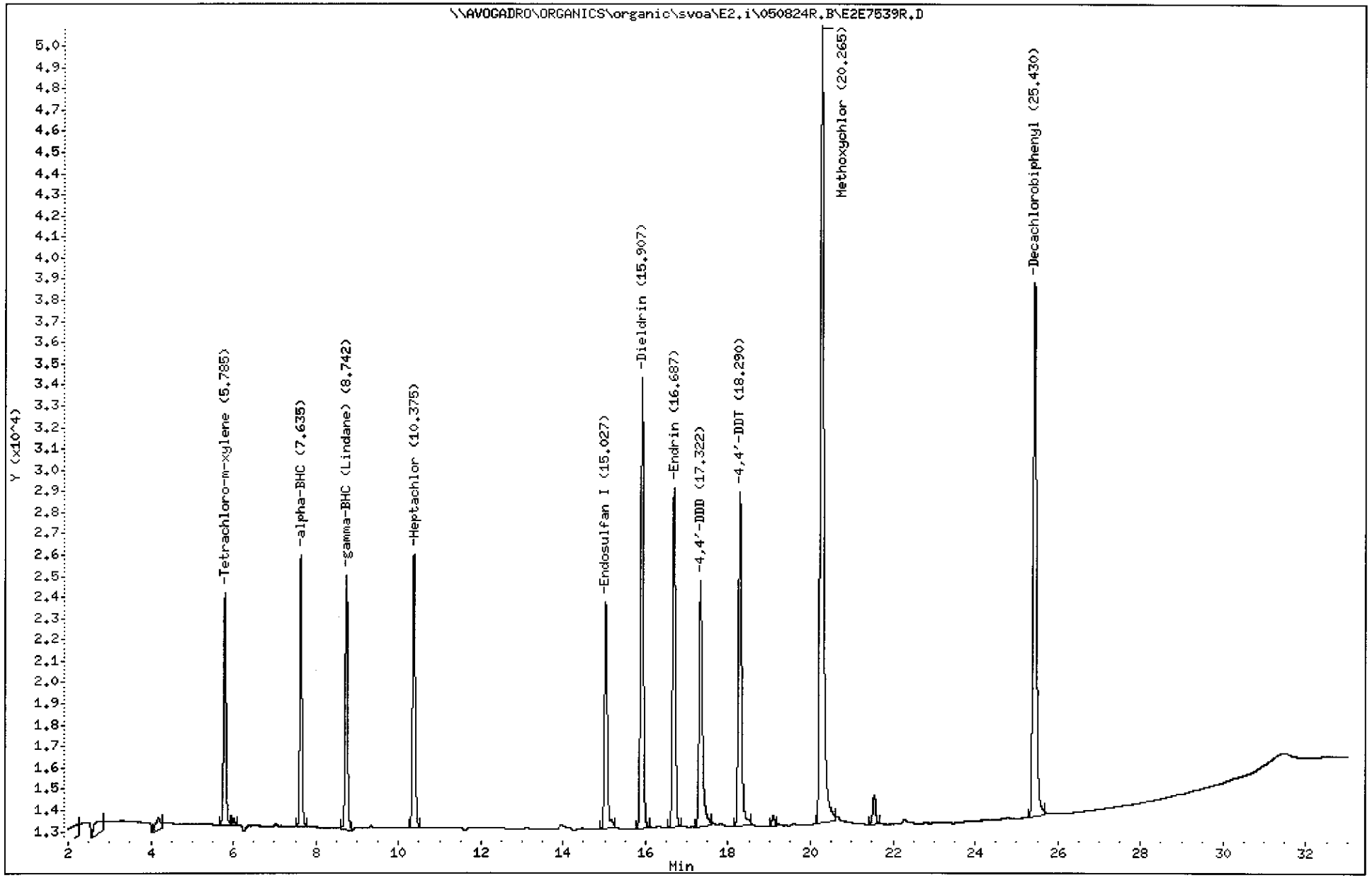
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KL
8/3-/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7539F.D
Date : 24-AUG-2005 19:15
Client ID: INDAMEM
Instrument: E2.i
Sample Info: INDAMEM,INDAMEM,,inda.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7539R.D
Date : 24-AUG-2005 19:15
Client ID: INDAMEM
Instrument: E2.i
Sample Info: INDAMEM,INDAMEM,,inda,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7539F.D
Report Date: 29-Aug-2005 15:35

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7539F.D
Lab Smp Id: INDAMEM Client Smp ID: INDAMEM
Inj Date : 24-AUG-2005 19:15
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDAMEM,INDAMEM,,inda.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 9 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON COL (ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.62	7.59	0.030	45833	0.02000	0.020		(a)
3 alpha-BHC						CAS #: 319-84-6	
10.1	10.0	0.100	43846	0.02000	0.021		(a)
4 gamma-BHC (Lindane)						CAS #: 58-89-9	
11.5	11.4	0.100	43489	0.02000	0.021		(a)
5 Heptachlor						CAS #: 76-44-8	
13.1	13.1	0.000	59231	0.02000	0.023		(a)

Data File: E2E7539F.D
Report Date: 29-Aug-2005 15:35

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	============	=====
10 Endosulfan I						CAS #: 959-98-8	
18.0	18.0	0.000	49692	0.02000	0.021		(a)
14 Dieldrin						CAS #: 60-57-1	
19.0	19.0	0.000	94392	0.04000	0.042		(a)
15 Endrin						CAS #: 72-20-8	
20.1	20.1	0.000	77960	0.04000	0.043		(a)
16 4,4'-DDD						CAS #: 72-54-8	
20.8	20.8	0.000	65389	0.04000	0.044		(a)
18 4,4'-DDT						CAS #: 50-29-3	
21.9	21.9	0.000	78557	0.04000	0.045		(a)
21 Methoxychlor						CAS #: 72-43-5	
24.6	24.6	0.000	240472	0.20000	0.23		(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	148288	0.04000	0.038		(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC 8/30/05

Data File: E2E7539R.D
Report Date: 29-Aug-2005 15:35

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7539R.D
Lab Smp Id: INDAMEM Client Smp ID: INDAMEM
Inj Date : 24-AUG-2005 19:15
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDAMEM,INDAMEM,,inda.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 9 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.79	5.77	0.020	41034	0.02000	0.020		(a)
3 alpha-BHC					CAS #: 319-84-6		
7.64	7.61	0.030	46238	0.02000	0.022		(a)
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
8.74	8.71	0.030	46536	0.02000	0.022		(a)
5 Heptachlor					CAS #: 76-44-8		
10.4	10.3	0.100	55106	0.02000	0.020		(a)

Data File: E2E7539R.D
Report Date: 29-Aug-2005 15:35

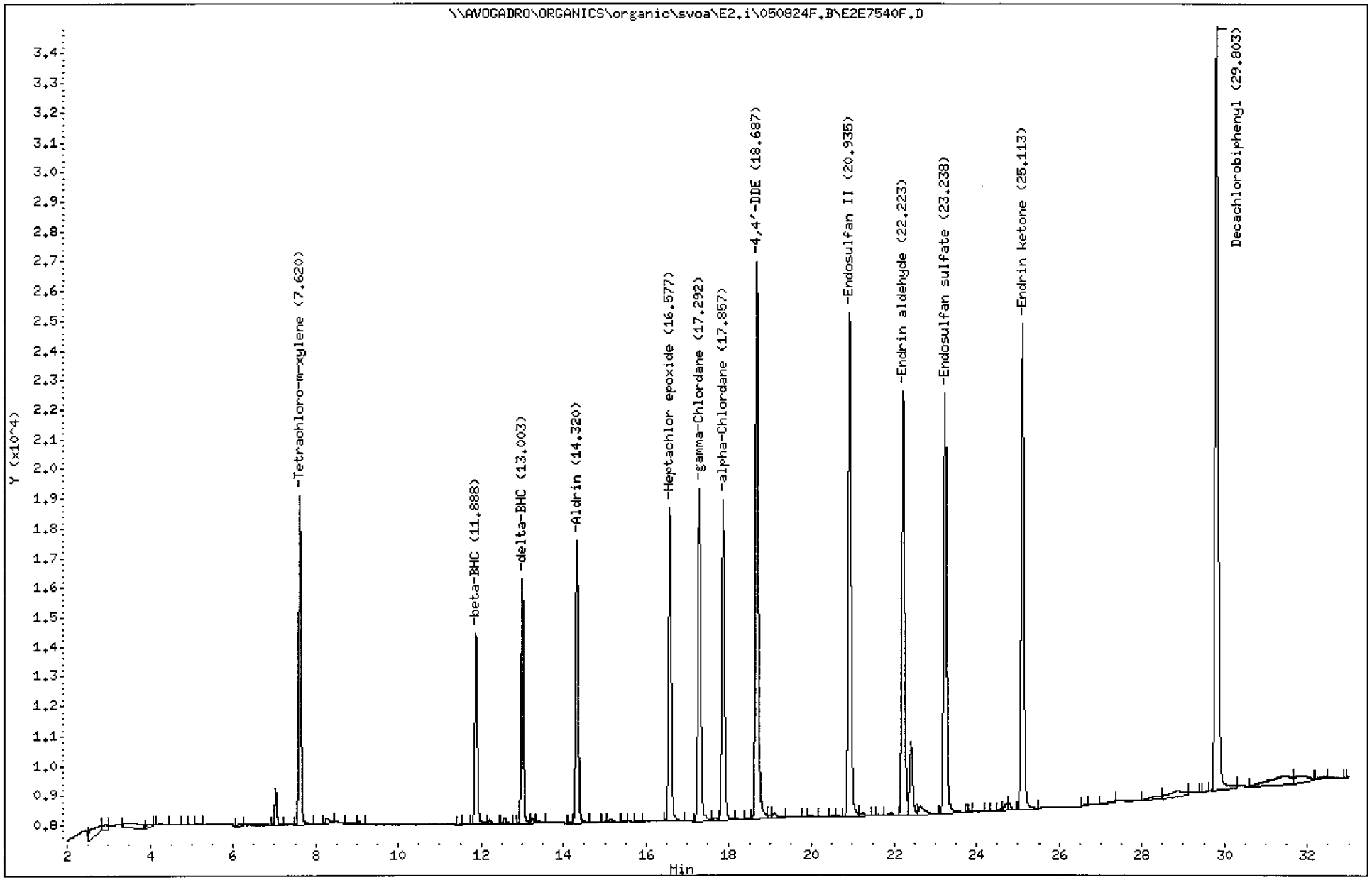
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	============	=====
10 Endosulfan I						CAS #: 959-98-8	
15.0	15.0	0.000	50788	0.02000	0.021		(a)
14 Dieldrin						CAS #: 60-57-1	
15.9	15.9	0.000	97753	0.04000	0.041		(a)
15 Endrin						CAS #: 72-20-8	
16.7	16.7	0.000	73708	0.04000	0.043		(a)
16 4,4'-DDD						CAS #: 72-54-8	
17.3	17.3	0.000	65243	0.04000	0.049		(a)
18 4,4'-DDT						CAS #: 50-29-3	
18.3	18.3	0.000	80526	0.04000	0.047		(a)
21 Methoxychlor						CAS #: 72-43-5	
20.3	20.2	0.100	222875	0.20000	0.23		(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	141446	0.04000	0.039		(a)

QC Flag Legend

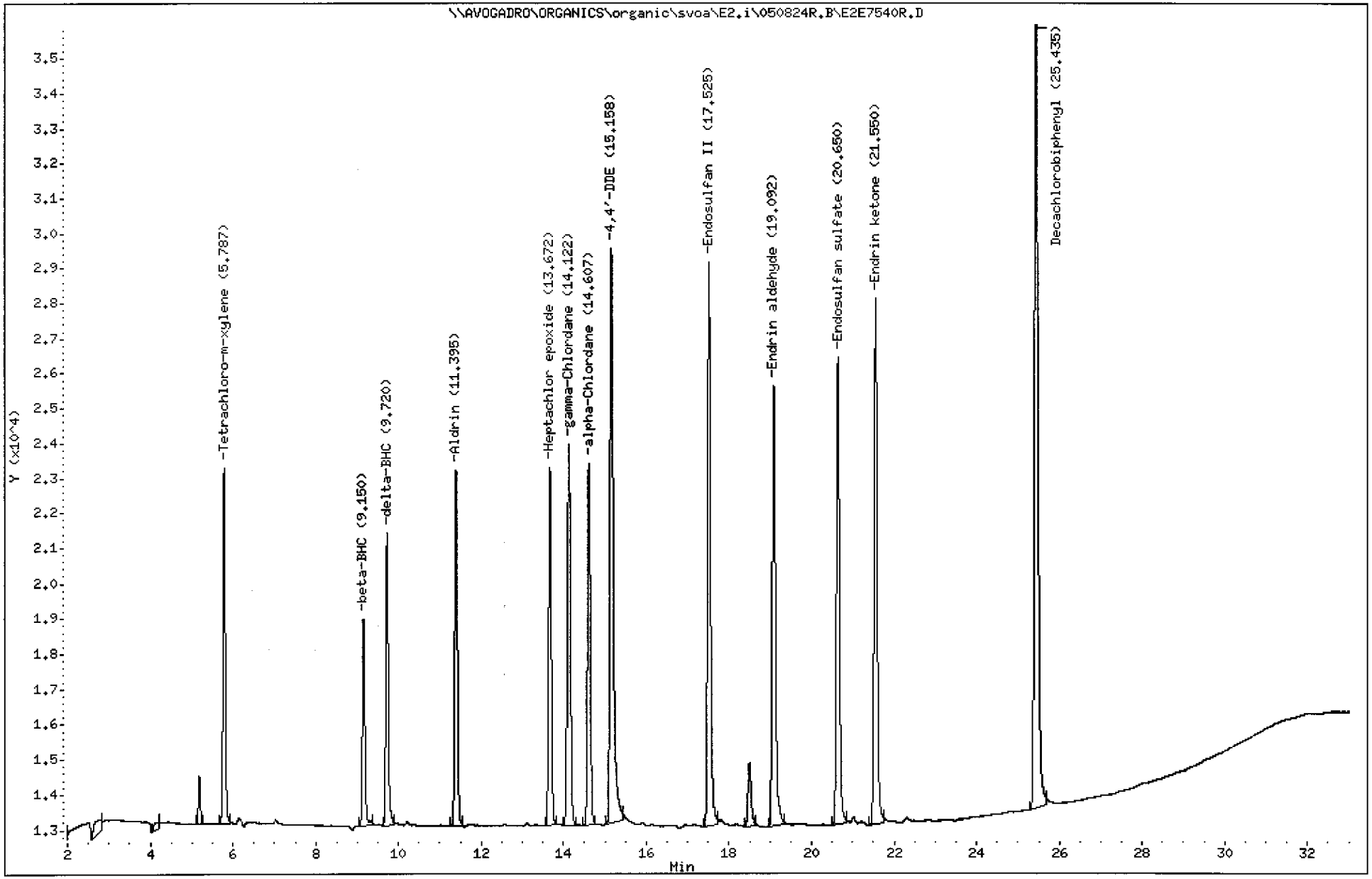
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

KL
8/30/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7540F.D
Date : 24-AUG-2005 19:52
Client ID: INDBMEM
Instrument: E2.i
Sample Info: INDBMEM,INDBMEM,,inda.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7540R.D
Date : 24-AUG-2005 19:52
Client ID: INDAMEM
Instrument: E2.i
Sample Info: INDAMEM,INDAMEM,,inda.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7540F.D
Report Date: 29-Aug-2005 15:35

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7540F.D
Lab Smp Id: INDBMEM Client Smp ID: INDBMEM
Inj Date : 24-AUG-2005 19:52
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDBMEM,INDBMEM,,inda.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.62	7.59	0.030	42302	0.02000	0.019		(a)
6 Aldrin					CAS #: 309-00-2		
14.3	14.3	0.000	41474	0.02000	0.019		(a)
7 beta-BHC					CAS #: 319-85-7		
11.9	11.9	0.000	25997	0.02000	0.019		(a)
8 delta-BHC					CAS #: 319-86-8		
13.0	13.0	0.000	31654	0.02000	0.020		(a)

Data File: E2E7540F.D
Report Date: 29-Aug-2005 15:35

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO
9 Heptachlor epoxide					CAS #: 1024-57-3		
16.6	16.5	0.100	48034	0.02000	0.019		(a)
11 gamma-Chlordane					CAS #: 5103-74-2		
17.3	17.3	0.000	52923	0.02000	0.019		(a)
12 alpha-Chlordane					CAS #: 5103-71-9		
17.9	17.8	0.100	49815	0.02000	0.019		(a)
13 4,4'-DDE					CAS #: 72-55-9		
18.7	18.6	0.100	87230	0.04000	0.039		(a)
17 Endosulfan II					CAS #: 33213-65-9		
20.9	20.9	0.000	79998	0.04000	0.036		(a)
19 Endrin aldehyde					CAS #: 7421-93-4		
22.2	22.2	0.000	68530	0.04000	0.039		(a)
20 Endosulfan sulfate					CAS #: 1031-07-8		
23.2	23.2	0.000	68498	0.04000	0.042		(a)
22 Endrin ketone					CAS #: 53494-70-5		
25.1	25.1	0.000	76470	0.04000	0.048		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	138707	0.04000	0.036		(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KL 8/30/05

Data File: E2E7540R.D
Report Date: 29-Aug-2005 15:35

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7540R.D
Lab Smp Id: INDAMEM Client Smp ID: INDAMEM
Inj Date : 24-AUG-2005 19:52
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDAMEM,INDAMEM,,inda.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.79	5.77	0.020	38034	0.02000	0.019		(a)
6 Aldrin					CAS #: 309-00-2		
11.4	11.4	0.000	43895	0.02000	0.019		(a)
7 beta-BHC					CAS #: 319-85-7		
9.15	9.13	0.020	25062	0.02000	0.019		(a)
8 delta-BHC					CAS #: 319-86-8		
9.72	9.70	0.020	34228	0.02000	0.021		(a)

Data File: E2E7540R.D
Report Date: 29-Aug-2005 15:35

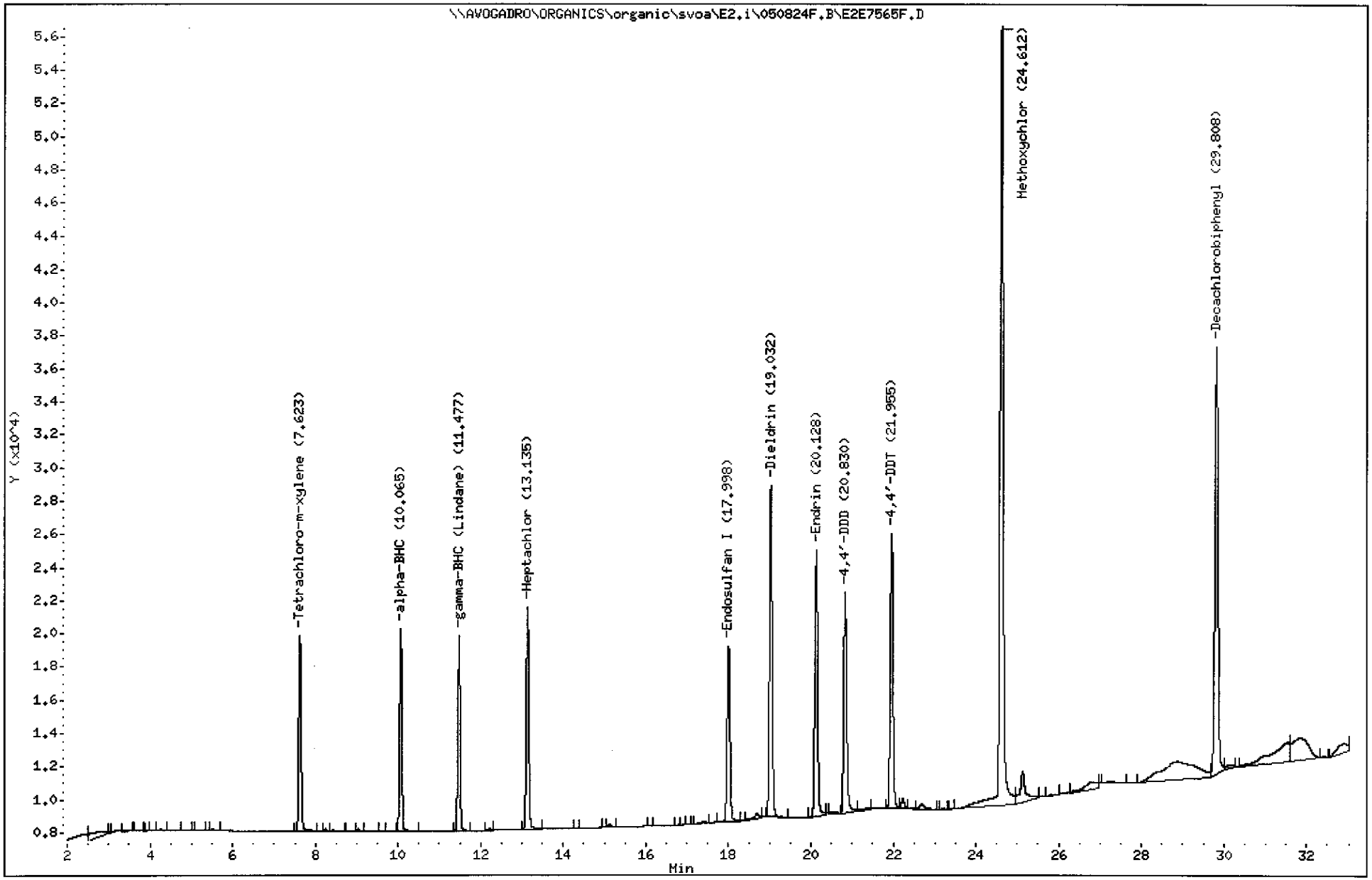
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO
9 Heptachlor epoxide					CAS #: 1024-57-3		
13.7	13.6	0.100	46121	0.02000	0.018		(a)
11 gamma-Chlordane					CAS #: 5103-74-2		
14.1	14.1	0.000	50300	0.02000	0.019		(a)
12 alpha-Chlordane					CAS #: 5103-71-9		
14.6	14.6	0.000	47316	0.02000	0.019		(a)
13 4,4'-DDE					CAS #: 72-55-9		
15.2	15.1	0.100	92567	0.04000	0.042		(a)
17 Endosulfan II					CAS #: 33213-65-9		
17.5	17.5	0.000	79307	0.04000	0.037		(a)
19 Endrin aldehyde					CAS #: 7421-93-4		
19.1	19.1	0.000	66086	0.04000	0.038		(a)
20 Endosulfan sulfate					CAS #: 1031-07-8		
20.7	20.6	0.100	68200	0.04000	0.044		(a)
22 Endrin ketone					CAS #: 53494-70-5		
21.6	21.5	0.100	76383	0.04000	0.048		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
25.4	25.4	0.000	131246	0.04000	0.036		(a)

QC Flag Legend

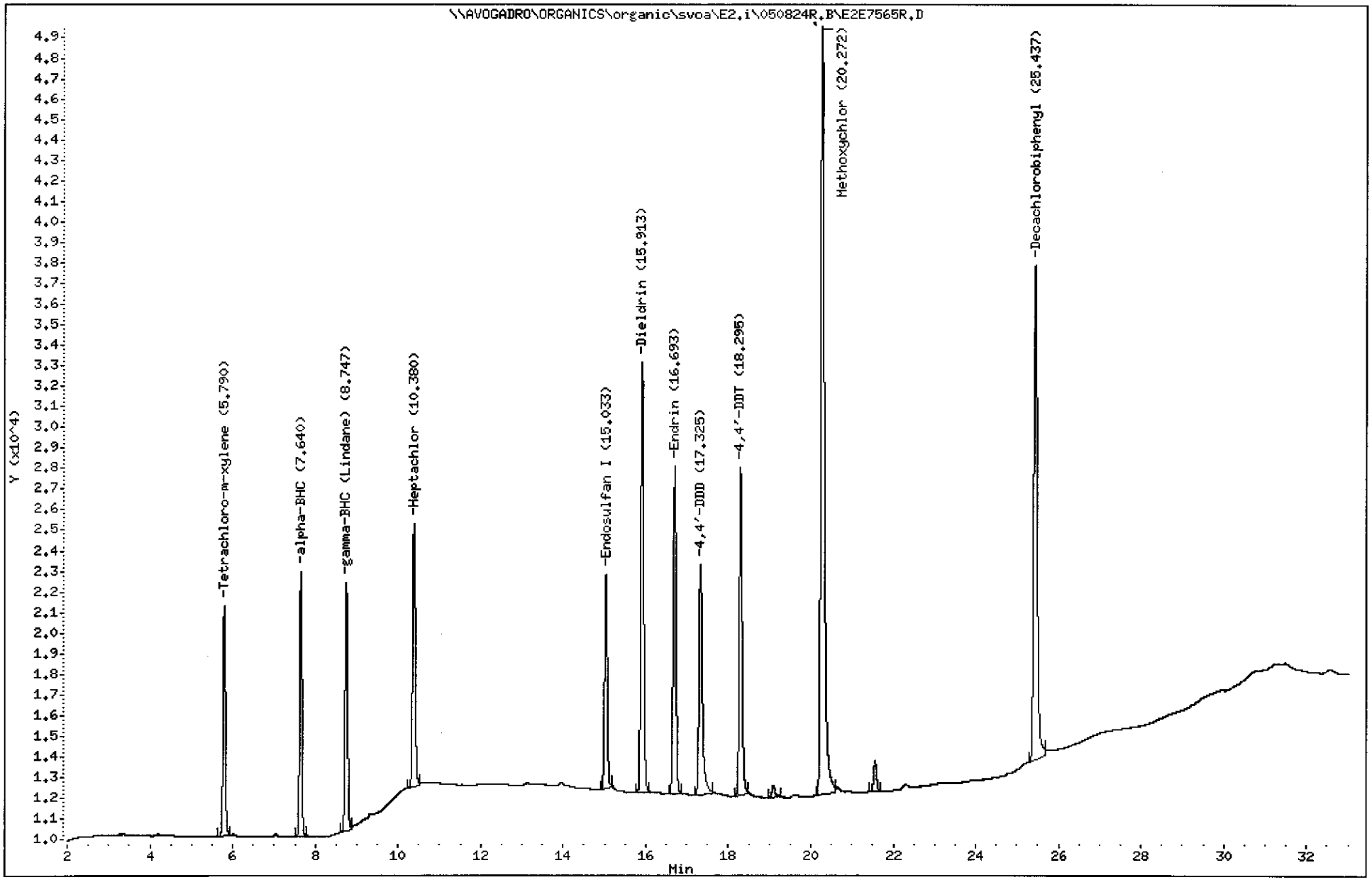
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KL 8/30/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7565F.D
Date : 25-AUG-2005 10:57
Client ID: INDAMEP
Instrument: E2.i
Sample Info: INDAMEP,INDAMEP,,inda,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7565R.D
Date : 25-AUG-2005 10:57
Client ID: INDAMEP
Instrument: E2.i
Sample Info: INDAMEP,INDAMEP,,inda.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7565F.D
Report Date: 30-Aug-2005 17:27

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7565F.D
Lab Smp Id: INDAMEP Client Smp ID: INDAMEP
Inj Date : 25-AUG-2005 10:57
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDAMEP,INDAMEP,,inda.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 16:33 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 31 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.62	7.59	0.030	45302	0.02000	0.020		(a)
3 alpha-BHC						CAS #: 319-84-6	
10.1	10.0	0.100	44205	0.02000	0.021		(a)
4 gamma-BHC (Lindane)						CAS #: 58-89-9	
11.5	11.4	0.100	44118	0.02000	0.021		(a)
5 Heptachlor						CAS #: 76-44-8	
13.1	13.1	0.000	59412	0.02000	0.023		(a)

Data File: E2E7565F.D
Report Date: 30-Aug-2005 17:27

				AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
10 Endosulfan I					CAS #: 959-98-8		
18.0	18.0	0.000	48367	0.02000	0.020		(a)
14 Dieldrin					CAS #: 60-57-1		
19.0	19.0	0.000	89143	0.04000	0.039		(a)
15 Endrin					CAS #: 72-20-8		
20.1	20.1	0.000	74328	0.04000	0.041		(a)
16 4,4'-DDD					CAS #: 72-54-8		
20.8	20.8	0.000	61652	0.04000	0.041		(a)
18 4,4'-DDT					CAS #: 50-29-3		
22.0	21.9	0.100	75168	0.04000	0.043		(a)
21 Methoxychlor					CAS #: 72-43-5		
24.6	24.6	0.000	261664	0.20000	0.25		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	135345	0.04000	0.035		(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC
8/31/05

Data File: E2E7565R.D
Report Date: 30-Aug-2005 17:27

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7565R.D
Lab Smp Id: INDAMEP Client Smp ID: INDAMEP
Inj Date : 25-AUG-2005 10:57
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDAMEP,INDAMEP,,inda.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 18:14 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 31 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
5.79	5.77	0.020	42282	0.02000	0.021			(a)
3 alpha-BHC						CAS #: 319-84-6		
7.64	7.61	0.030	46629	0.02000	0.022			(a)
4 gamma-BHC (Lindane)						CAS #: 58-89-9		
8.75	8.71	0.040	46493	0.02000	0.022			(a)
5 Heptachlor						CAS #: 76-44-8		
10.4	10.3	0.100	55843	0.02000	0.021			(a)

Data File: E2E7565R.D
Report Date: 30-Aug-2005 17:27

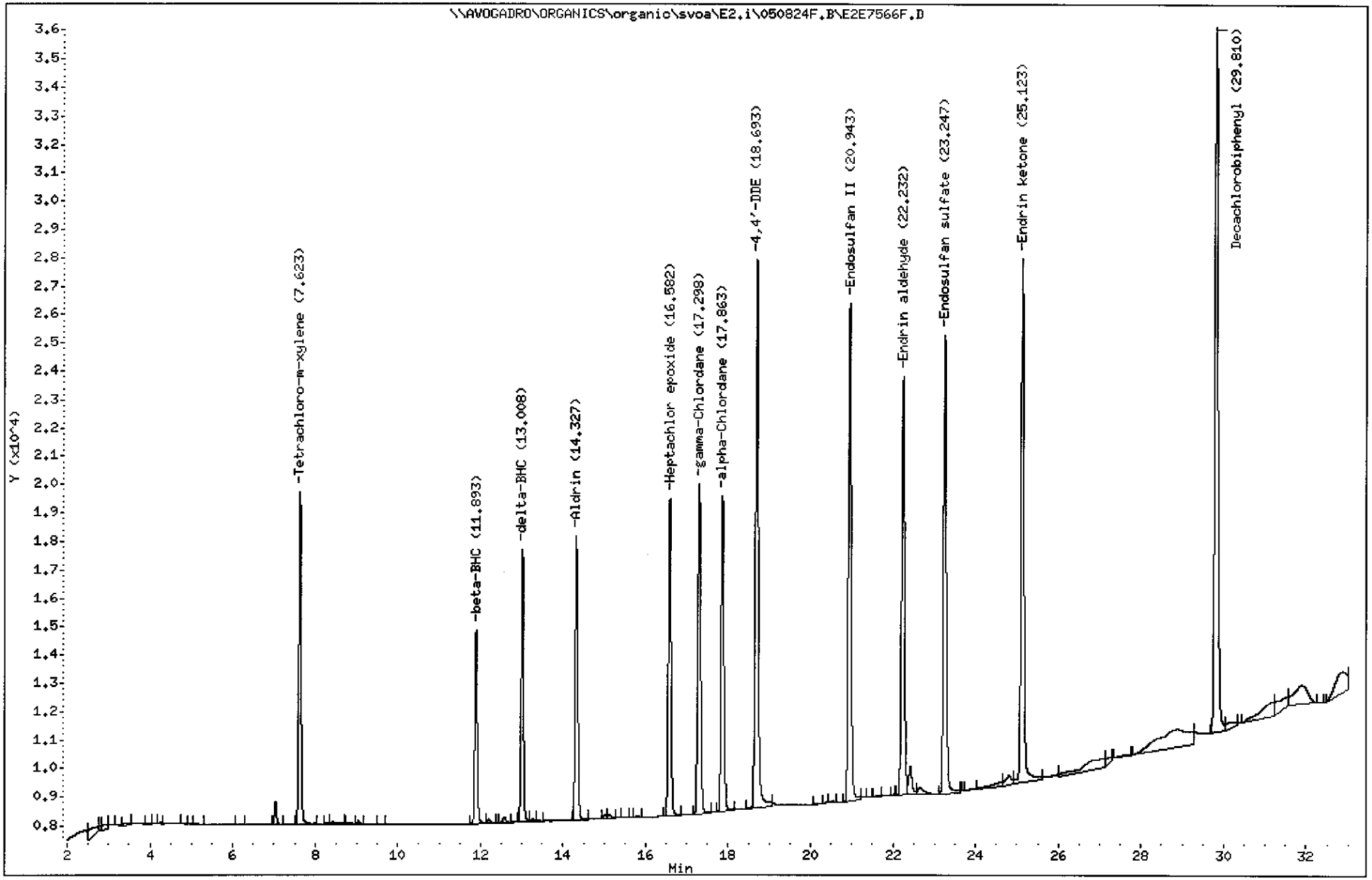
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
10 Endosulfan I						CAS #: 959-98-8		
15.0	15.0	0.000	47793	0.02000	0.020			(a)
14 Dieldrin						CAS #: 60-57-1		
15.9	15.9	0.000	95940	0.04000	0.040			(a)
15 Endrin						CAS #: 72-20-8		
16.7	16.7	0.000	73979	0.04000	0.043			(a)
16 4,4'-DDD						CAS #: 72-54-8		
17.3	17.3	0.000	63793	0.04000	0.048			(a)
18 4,4'-DDT						CAS #: 50-29-3		
18.3	18.3	0.000	79580	0.04000	0.047			(a)
21 Methoxychlor						CAS #: 72-43-5		
20.3	20.2	0.100	225490	0.20000	0.23			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
25.4	25.4	0.000	138827	0.04000	0.038			(a)

QC Flag Legend

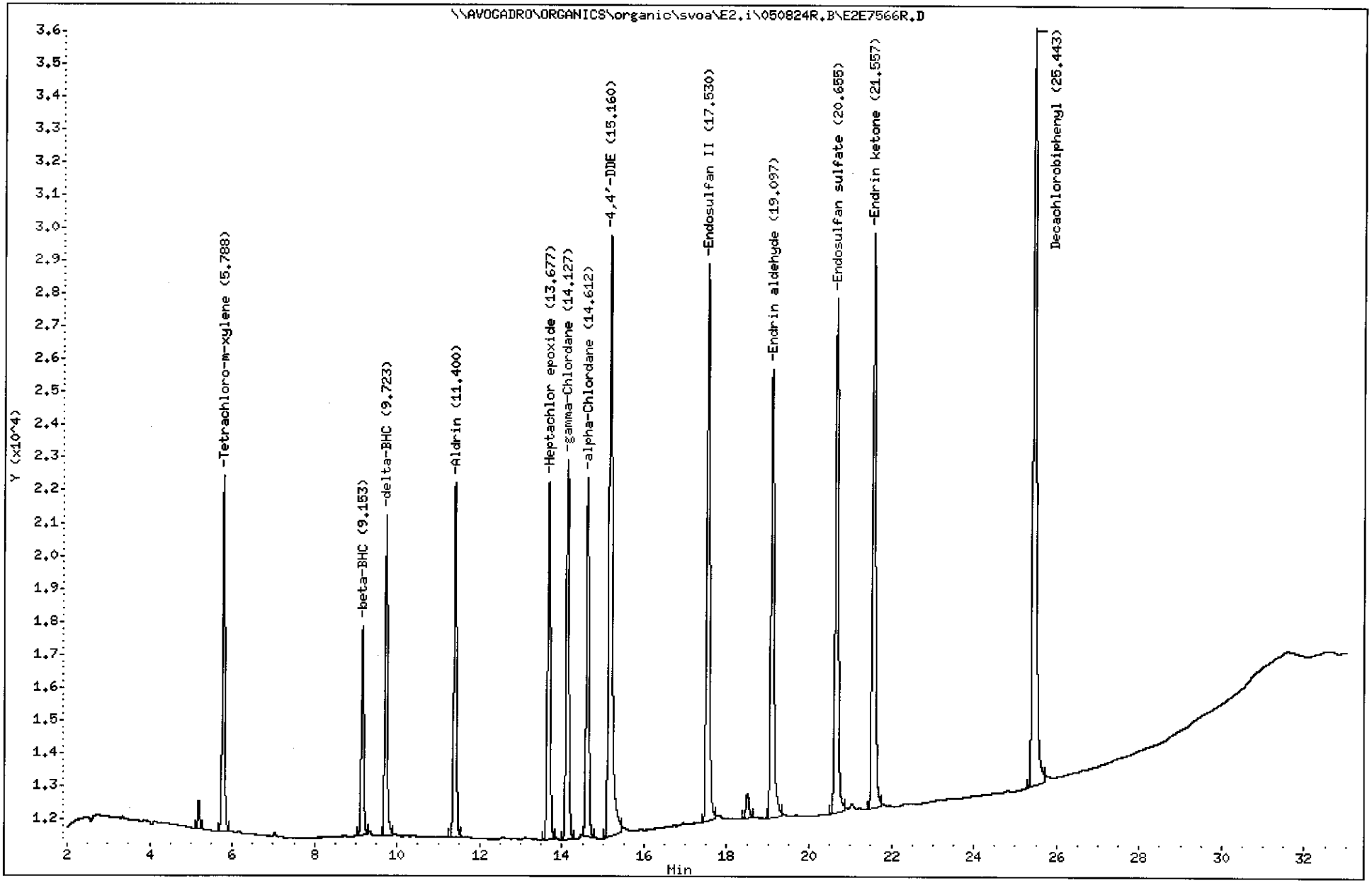
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC
8/13-14

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7566F.D
Date : 25-AUG-2005 11:33
Client ID: INDBMEP
Instrument: E2.i
Sample Info: INDBMEP,INDBMEP,,indB,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7566R.D
Date : 25-AUG-2005 11:33
Client ID: INDBMEP
Instrument: E2.i
Sample Info: INDBMEP,INDBMEP,,indB.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7566F.D
Report Date: 30-Aug-2005 17:27

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7566F.D
Lab Smp Id: INDBMEP Client Smp ID: INDBMEP
Inj Date : 25-AUG-2005 11:33
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDBMEP,INDBMEP,,indB.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 16:33 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 32 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indB.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.62	7.59	0.030	44701	0.02000	0.020		(a)
6 Aldrin					CAS #: 309-00-2		
14.3	14.3	0.000	43472	0.02000	0.020		(a)
7 beta-BHC					CAS #: 319-85-7		
11.9	11.9	0.000	27484	0.02000	0.020		(a)
8 delta-BHC					CAS #: 319-86-8		
13.0	13.0	0.000	36636	0.02000	0.023		(a)

Data File: E2E7566F.D
Report Date: 30-Aug-2005 17:27

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO
9 Heptachlor epoxide					CAS #: 1024-57-3		
16.6	16.5	0.100	49991	0.02000	0.020		(a)
11 gamma-Chlordane					CAS #: 5103-74-2		
17.3	17.3	0.000	53777	0.02000	0.019		(a)
12 alpha-Chlordane					CAS #: 5103-71-9		
17.9	17.8	0.100	51245	0.02000	0.019		(a)
13 4,4'-DDE					CAS #: 72-55-9		
18.7	18.6	0.100	91648	0.04000	0.041		(a)
17 Endosulfan II					CAS #: 33213-65-9		
20.9	20.9	0.000	82568	0.04000	0.037		(a)
19 Endrin aldehyde					CAS #: 7421-93-4		
22.2	22.2	0.000	70508	0.04000	0.040		(a)
20 Endosulfan sulfate					CAS #: 1031-07-8		
23.2	23.2	0.000	77462	0.04000	0.048		(a)
22 Endrin ketone					CAS #: 53494-70-5		
25.1	25.1	0.000	90970	0.04000	0.057		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	131084	0.04000	0.034		(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC 8/30/05

Data File: E2E7566R.D
Report Date: 30-Aug-2005 17:27

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7566R.D
Lab Smp Id: INDBMEP Client Smp ID: INDBMEP
Inj Date : 25-AUG-2005 11:33
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDBMEP,INDBMEP,,indB.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 18:14 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 32 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indB.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.79	5.77	0.020	40488	0.02000	0.020		(a)
6 Aldrin					CAS #: 309-00-2		
11.4	11.4	0.000	46561	0.02000	0.020		(a)
7 beta-BHC					CAS #: 319-85-7		
9.15	9.13	0.020	26014	0.02000	0.020		(a)
8 delta-BHC					CAS #: 319-86-8		
9.72	9.70	0.020	39044	0.02000	0.024		(a)

XC
SJ/W

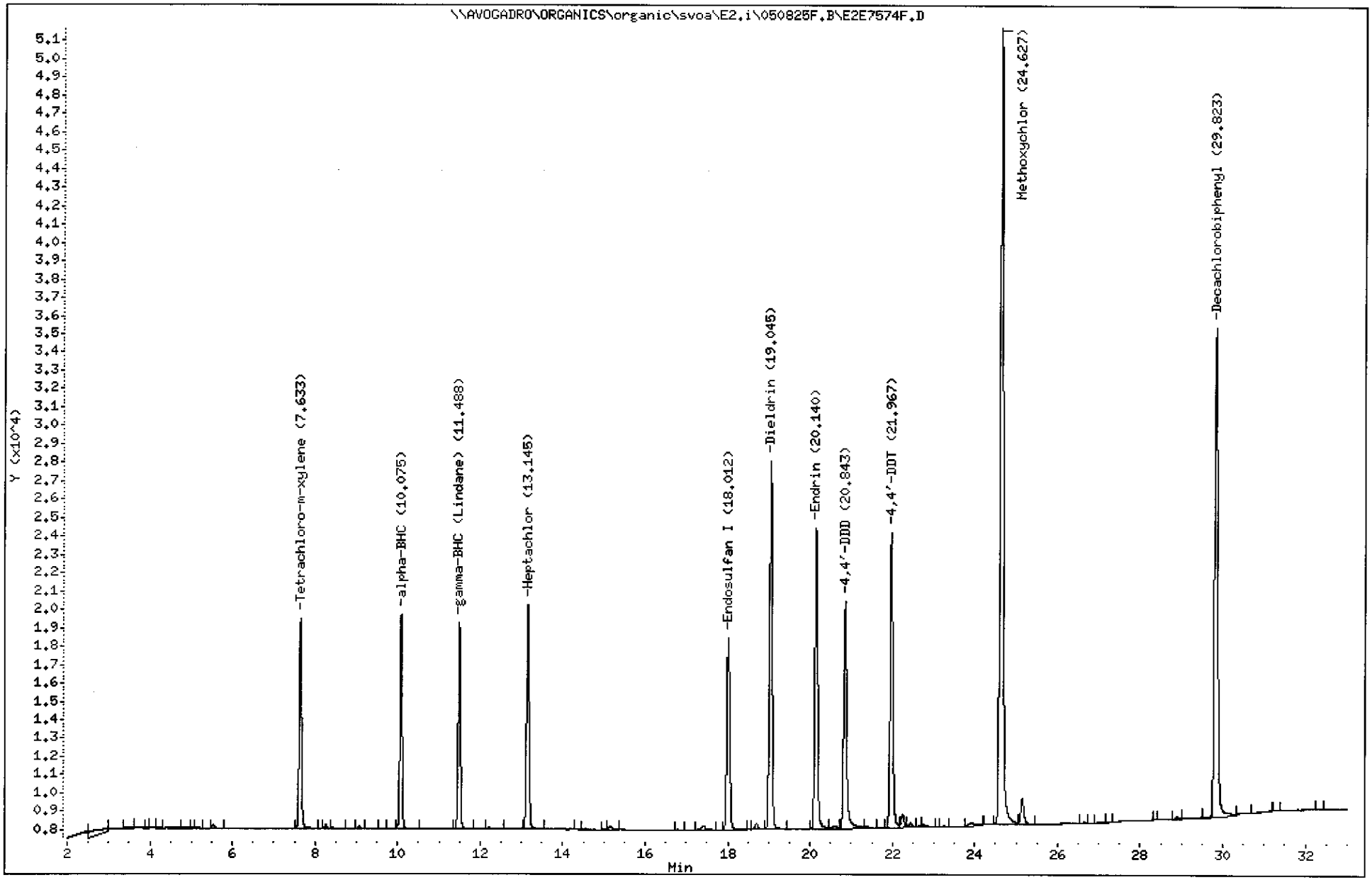
Data File: E2E7566R.D
Report Date: 30-Aug-2005 17:27

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
9 Heptachlor epoxide						CAS #: 1024-57-3		
13.7	13.6	0.100	49219	0.02000	0.020			(a)
11 gamma-Chlordane						CAS #: 5103-74-2		
14.1	14.1	0.000	53042	0.02000	0.020			(a)
12 alpha-Chlordane						CAS #: 5103-71-9		
14.6	14.6	0.000	49643	0.02000	0.020			(a)
13 4,4'-DDE						CAS #: 72-55-9		
15.2	15.1	0.100	100959	0.04000	0.046			(a)
17 Endosulfan II						CAS #: 33213-65-9		
17.5	17.5	0.000	83522	0.04000	0.039			(a)
19 Endrin aldehyde						CAS #: 7421-93-4		
19.1	19.1	0.000	70993	0.04000	0.041			(a)
20 Endosulfan sulfate						CAS #: 1031-07-8		
20.7	20.6	0.100	80272	0.04000	0.052			(a)
22 Endrin ketone						CAS #: 53494-70-5		
21.6	21.5	0.100	88355	0.04000	0.056			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
25.4	25.4	0.000	137142	0.04000	0.038			(a)

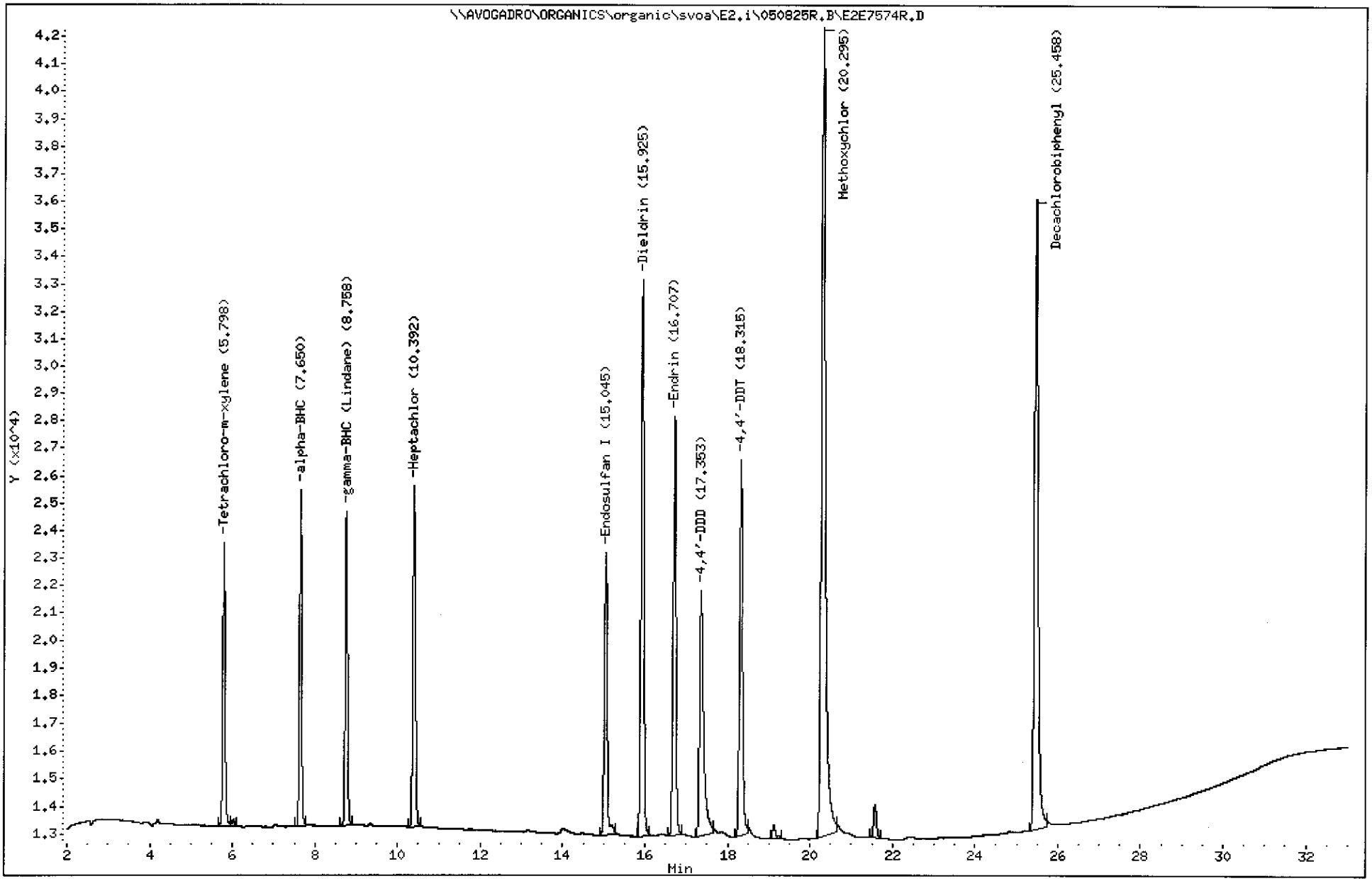
QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

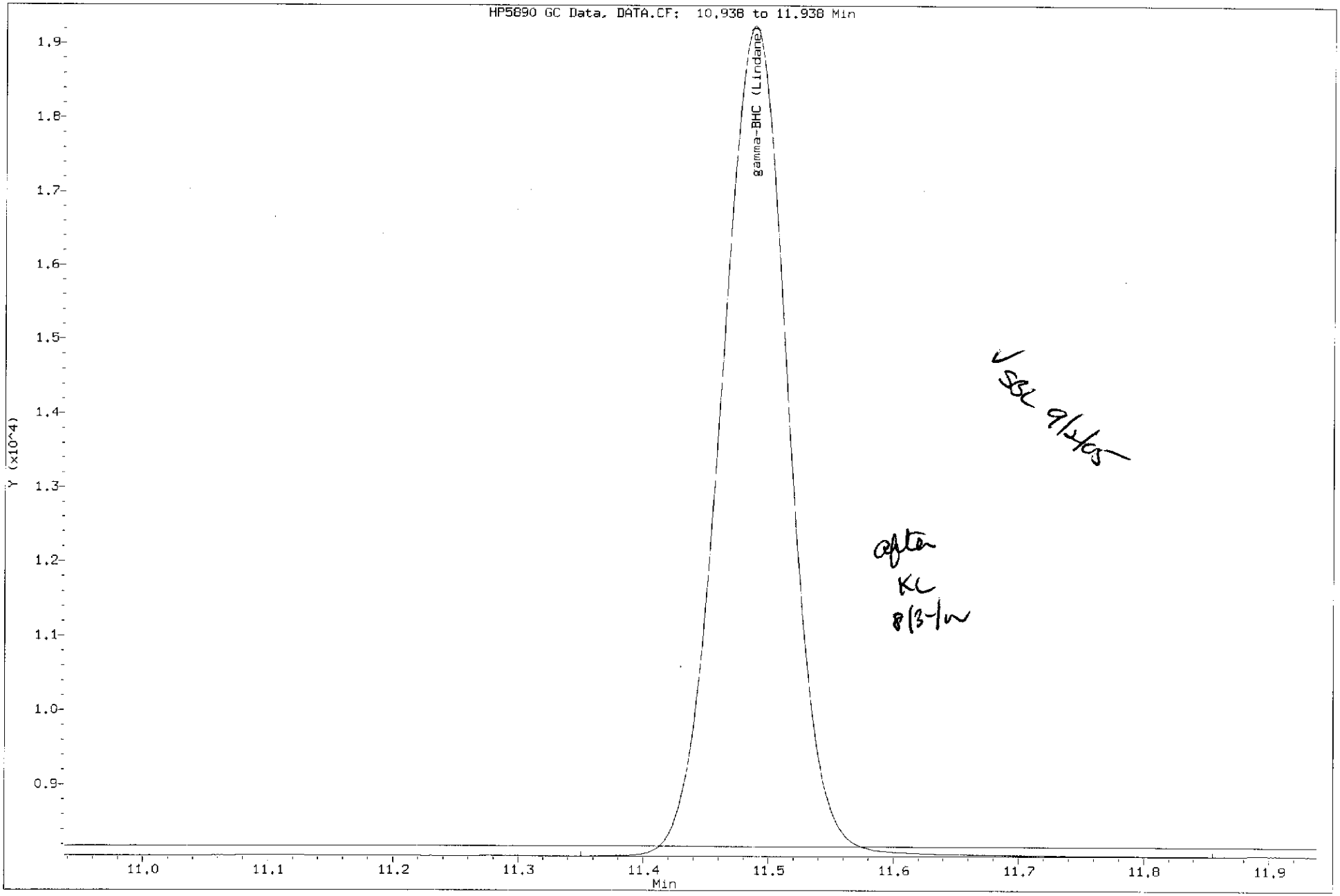
Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\E2E7574F.D
Date : 25-AUG-2005 17:50
Client ID: INDAMER
Instrument: E2.i
Sample Info: INDAMER,INDAMER,,inda.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\E2E7574R.D
Date : 25-AUG-2005 17:50
Client ID: INDAMER
Instrument: E2.i
Sample Info: INDAMER,INDAMER,,inda,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\E2E7574F.D
Injection Date: 25-AUG-2005 17:50
Instrument: E2.i
Client Sample ID: INDAMER

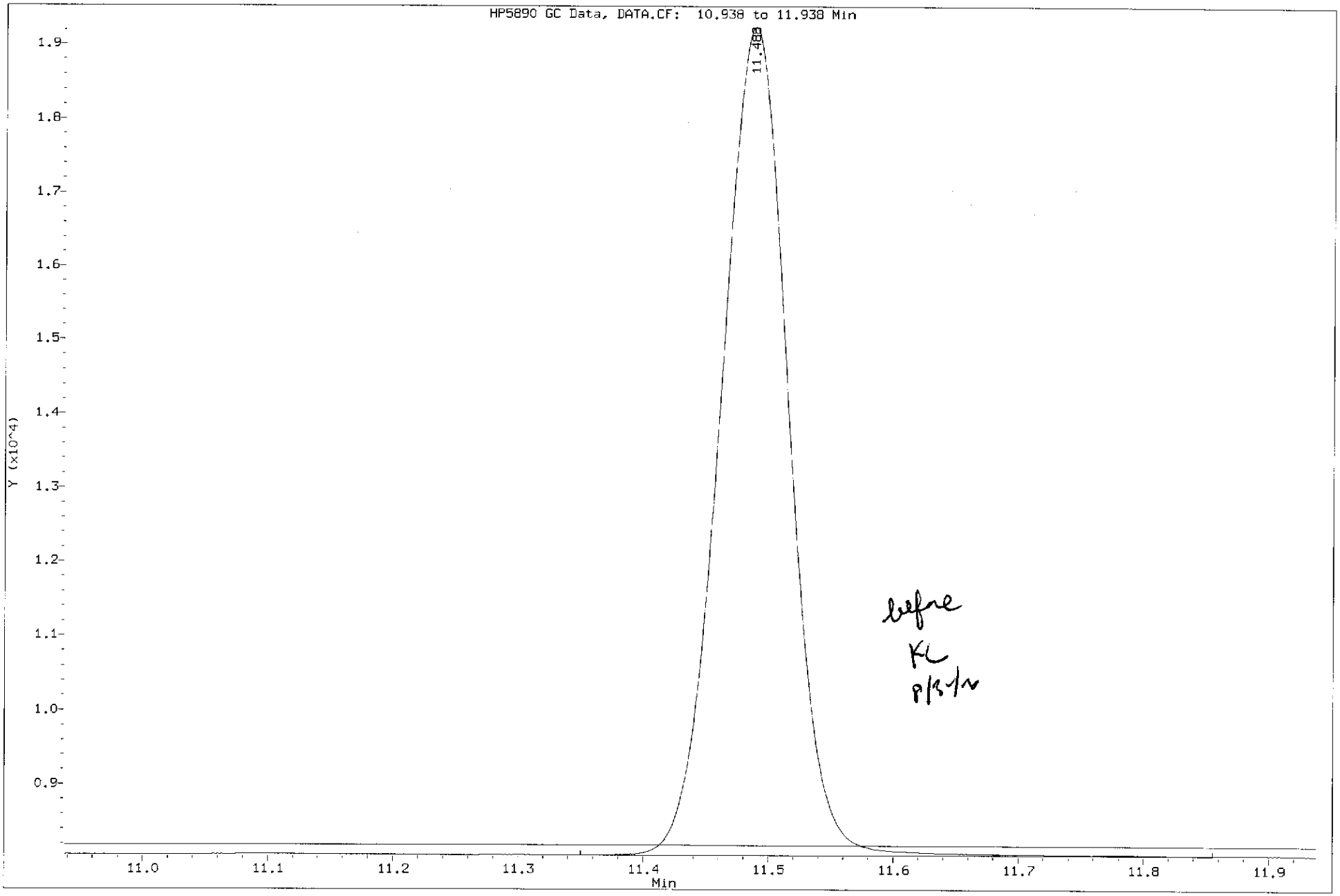


√ SGL 9/5/05

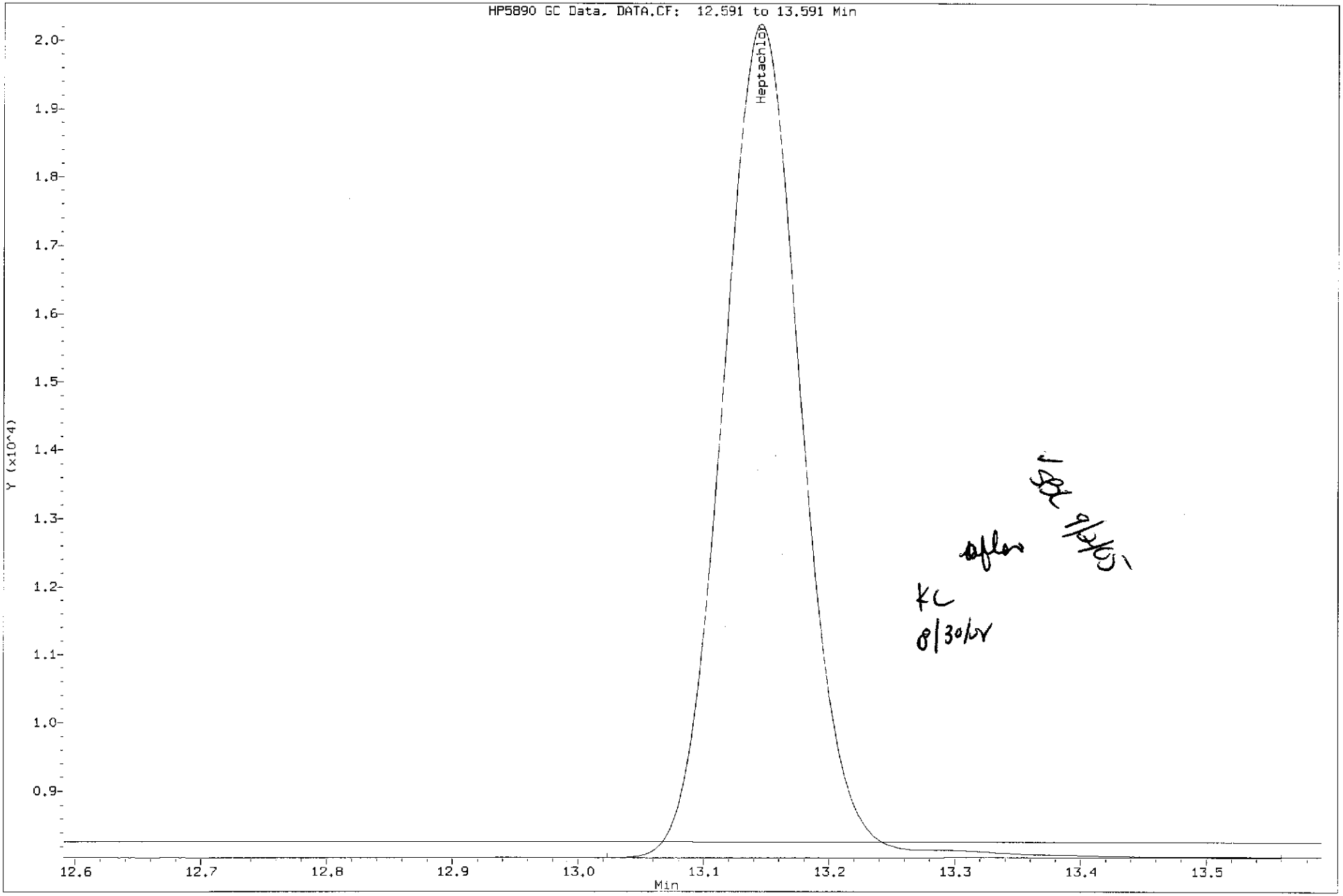
after KC 8/3/05

2283

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\E2E7574F.D
Injection Date: 25-AUG-2005 17:50
Instrument: E2.i
Client Sample ID: INDAMER



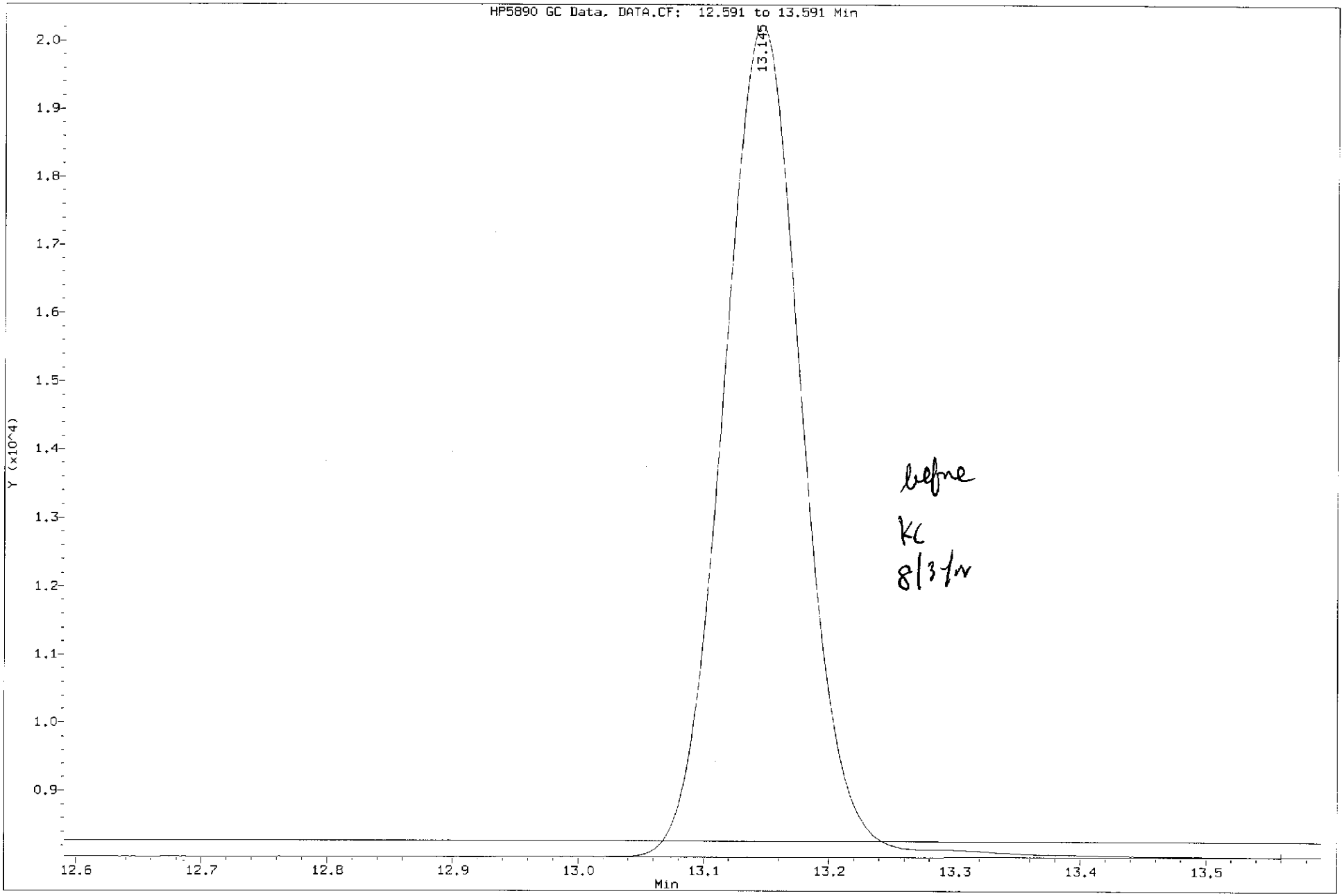
Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\E2E7574F.D
Injection Date: 25-AUG-2005 17:50
Instrument: E2.i
Client Sample ID: INDAMER



KC
8/30/05

2295

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\E2E7574F.D
Injection Date: 25-AUG-2005 17:50
Instrument: E2.i
Client Sample ID: INDAMER



2296

Data File: E2E7574F.D
Report Date: 30-Aug-2005 17:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\E2E7574F.D
Lab Smp Id: INDAMER Client Smp ID: INDAMER
Inj Date : 25-AUG-2005 17:50
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDAMER,INDAMER,,inda.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 16:45 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 9 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS CAL-AMT	AMOUNTS ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.63	7.59	0.040	44184	0.02000	0.019		(a)
3 alpha-BHC					CAS #: 319-84-6		
10.1	10.0	0.100	42400	0.02000	0.020		(a)
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
11.5	11.4	0.100	42522	0.02000	0.020		(aM)
5 Heptachlor					CAS #: 76-44-8		
13.1	13.1	0.000	54077	0.02000	0.021		(aM)

M4
KL
8/30/05

Data File: E2E7574F.D
Report Date: 30-Aug-2005 17:33

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
	10 Endosulfan I				CAS #: 959-98-8		
18.0	18.0	0.000	47957	0.02000	0.020		(a)
	14 Dieldrin				CAS #: 60-57-1		
19.0	19.0	0.000	90239	0.04000	0.040		(a)
	15 Endrin				CAS #: 72-20-8		
20.1	20.1	0.000	75535	0.04000	0.042		(a)
	16 4,4'-DDD				CAS #: 72-54-8		
20.8	20.8	0.000	62394	0.04000	0.042		(a)
	18 4,4'-DDT				CAS #: 50-29-3		
22.0	21.9	0.100	74323	0.04000	0.043		(a)
	21 Methoxychlor				CAS #: 72-43-5		
24.6	24.6	0.000	229103	0.20000	0.22		(a)
$	2 Decachlorobiphenyl				CAS #: 2051-24-3		
29.8	29.8	0.000	145640	0.04000	0.037		(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

KC
8/3-/05

Data File: E2E7574R.D
Report Date: 30-Aug-2005 17:34

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\E2E7574R.D
Lab Smp Id: INDAMER Client Smp ID: INDAMER
Inj Date : 25-AUG-2005 17:50
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDAMER,INDAMER,,inda.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 18:25 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 9 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.80	5.77	0.030	39474	0.02000	0.020		(a)
3 alpha-BHC					CAS #: 319-84-6		
7.65	7.61	0.040	44788	0.02000	0.021		(a)
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
8.76	8.71	0.050	44013	0.02000	0.021		(a)
5 Heptachlor					CAS #: 76-44-8		
10.4	10.3	0.100	53394	0.02000	0.020		(a)

Data File: E2E7574R.D
Report Date: 30-Aug-2005 17:34

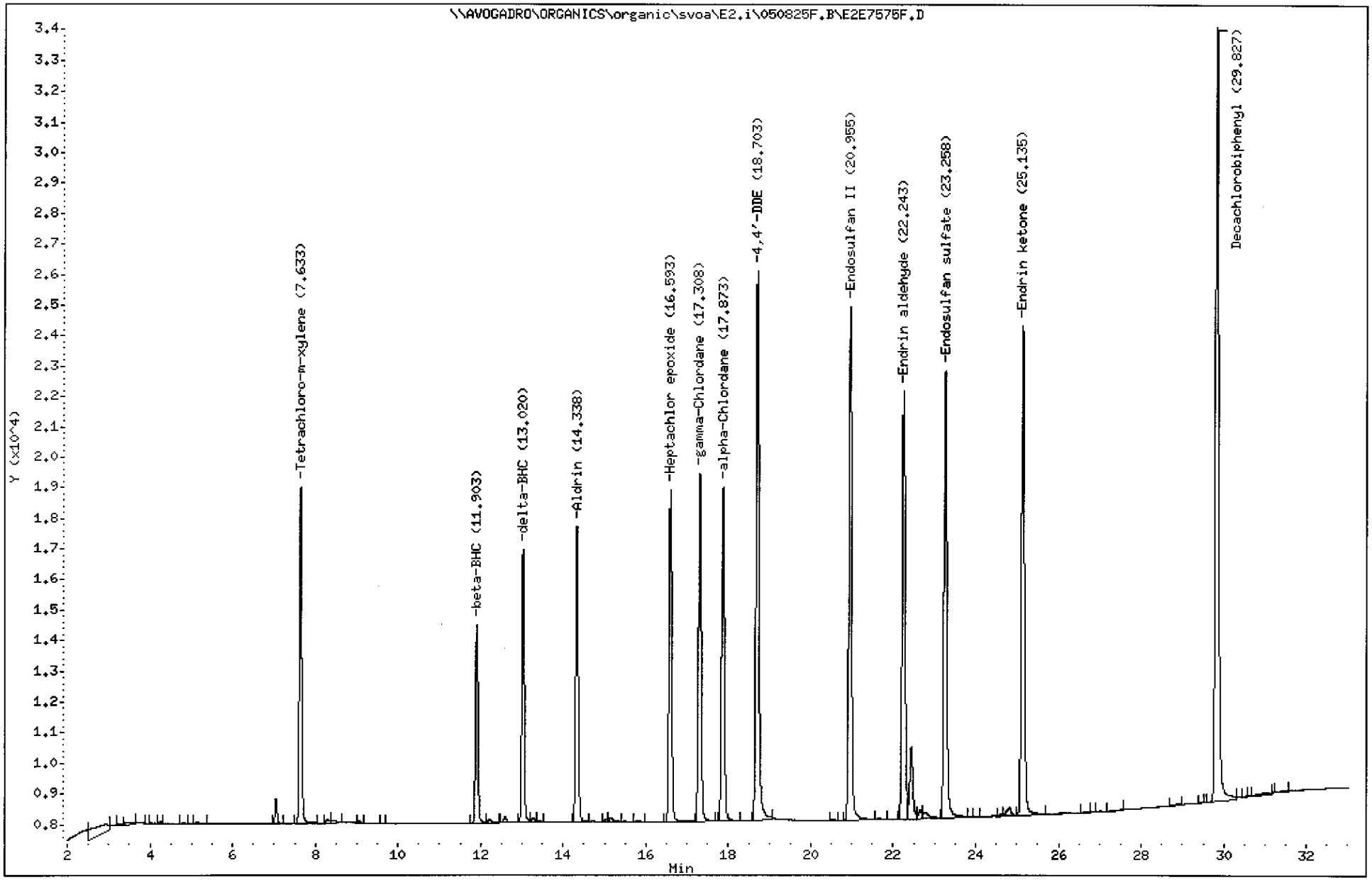
				AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
RT	EXP RT	DLT RT	RESPONSE					
10 Endosulfan I						CAS #: 959-98-8		
15.0	15.0	0.000	48852	0.02000	0.021			(a)
14 Dieldrin						CAS #: 60-57-1		
15.9	15.9	0.000	94578	0.04000	0.039			(a)
15 Endrin						CAS #: 72-20-8		
16.7	16.7	0.000	72024	0.04000	0.042			(a)
16 4,4'-DDD						CAS #: 72-54-8		
17.4	17.3	0.100	59558	0.04000	0.045			(a)
18 4,4'-DDT						CAS #: 50-29-3		
18.3	18.3	0.000	72323	0.04000	0.042			(a)
21 Methoxychlor						CAS #: 72-43-5		
20.3	20.2	0.100	199762	0.20000	0.21			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
25.5	25.4	0.100	140608	0.04000	0.039			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

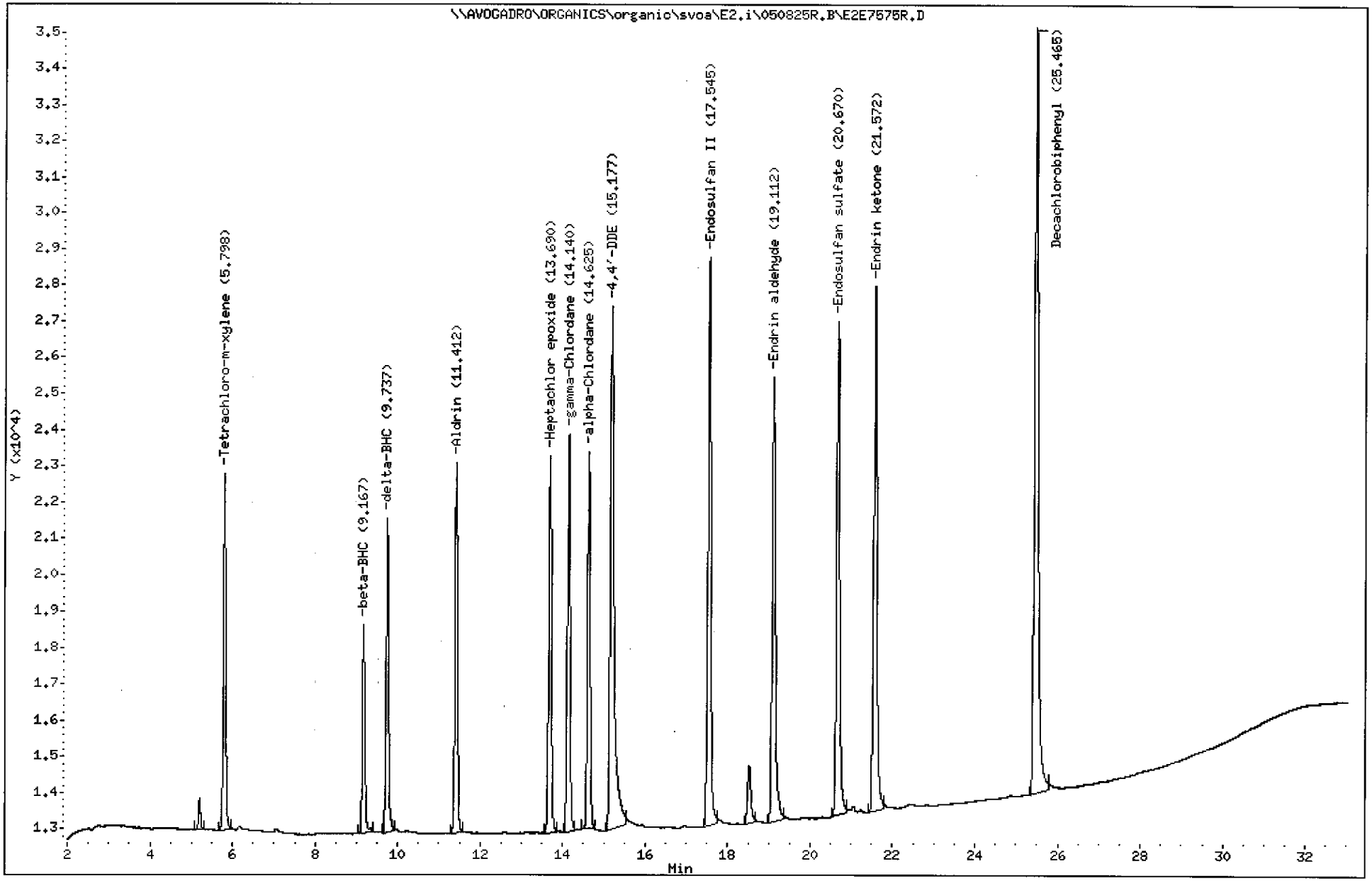
KC
8/30/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\E2E7575F.D
Date : 25-AUG-2005 18:26
Client ID: INDBMER
Instrument: E2.i
Sample Info: INDBMER,INDBMER,,indb,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



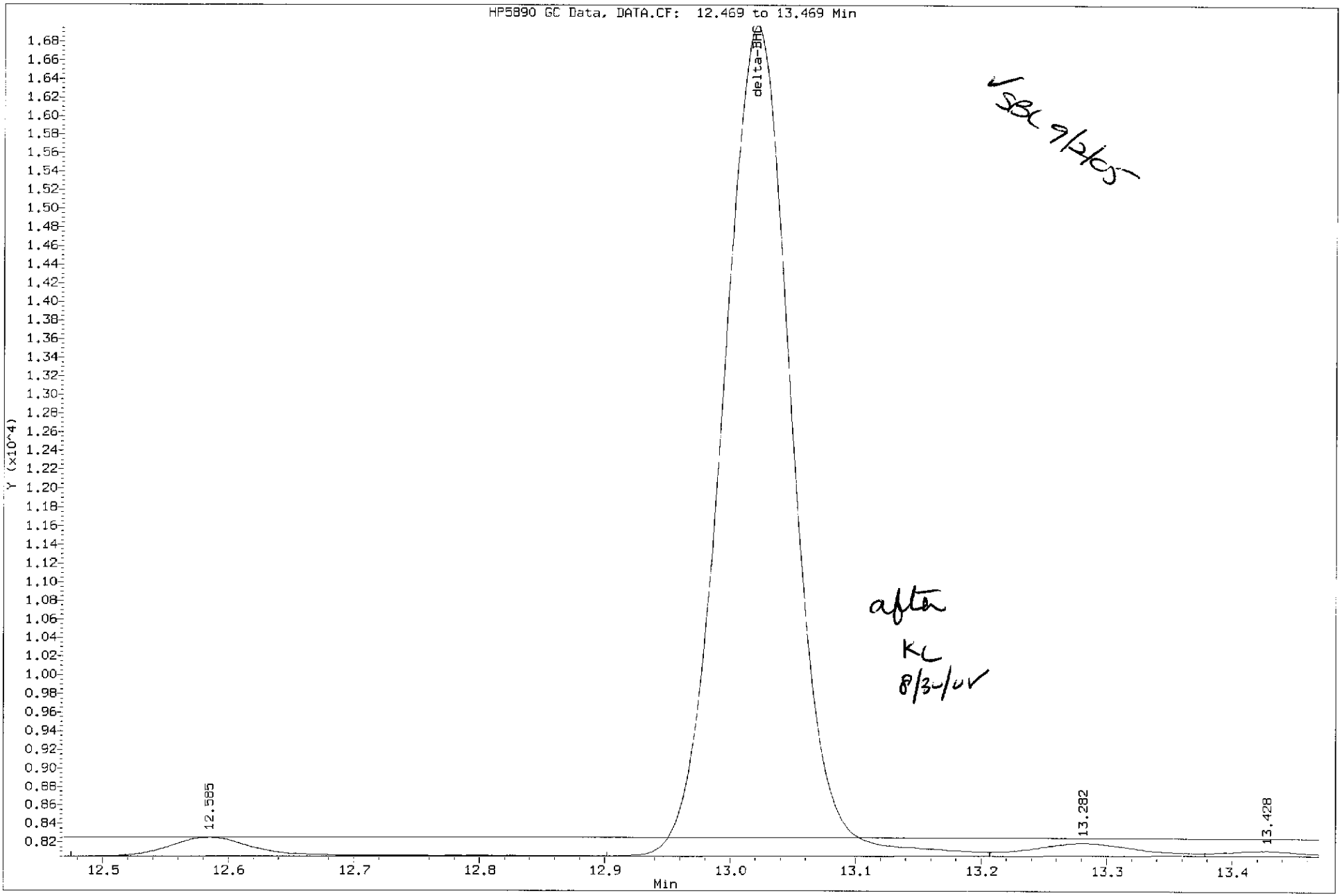
2201

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\E2E7575R.D
Date : 25-AUG-2005 18:26
Client ID: INDBMER
Instrument: E2.i
Sample Info: INDBMER,INDBMER,,indb,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



2202

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\E2E7575F.D
Injection Date: 25-AUG-2005 18:26
Instrument: E2.i
Client Sample ID: INDBMER

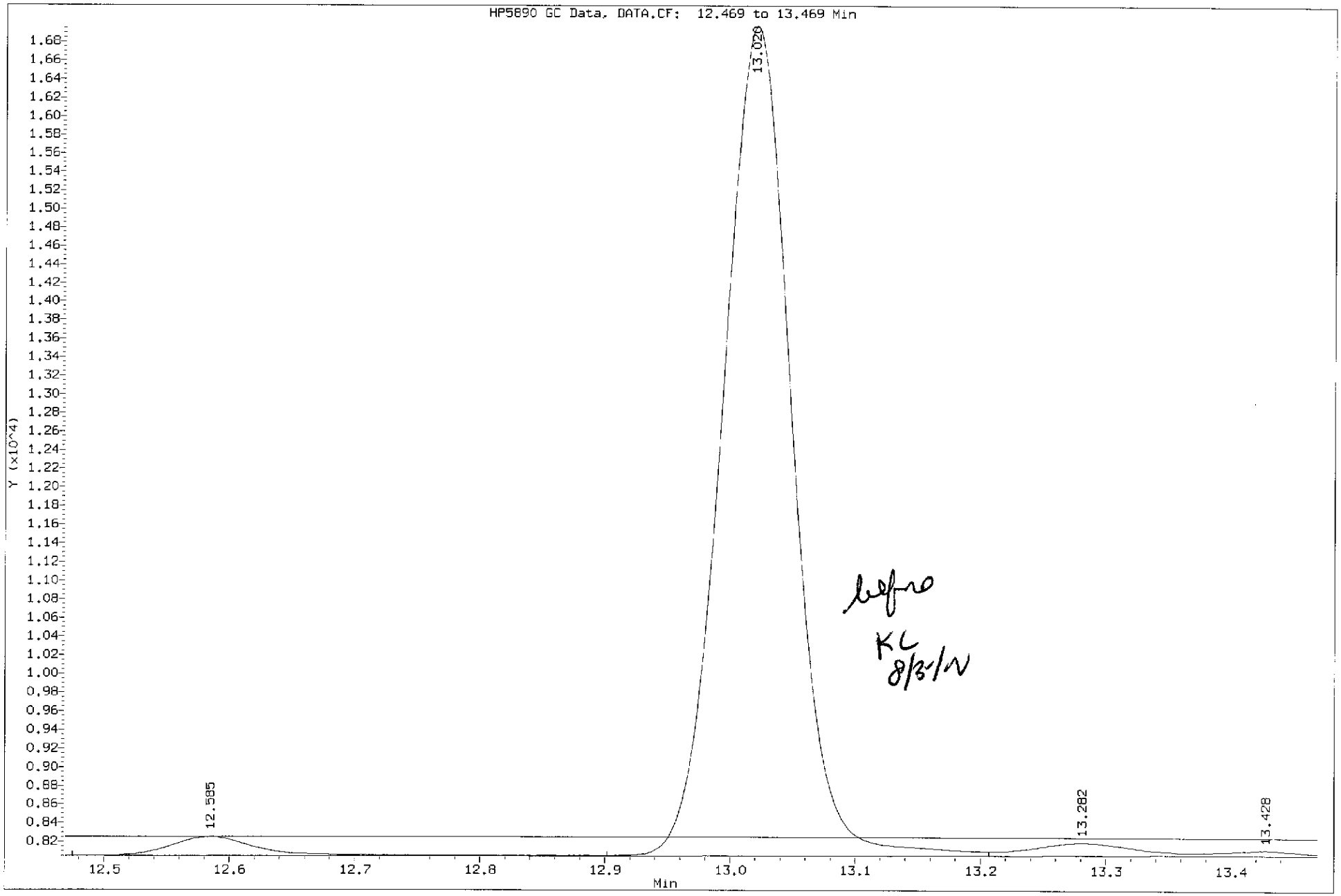


SBL 9/26/5

after
KL
8/30/05

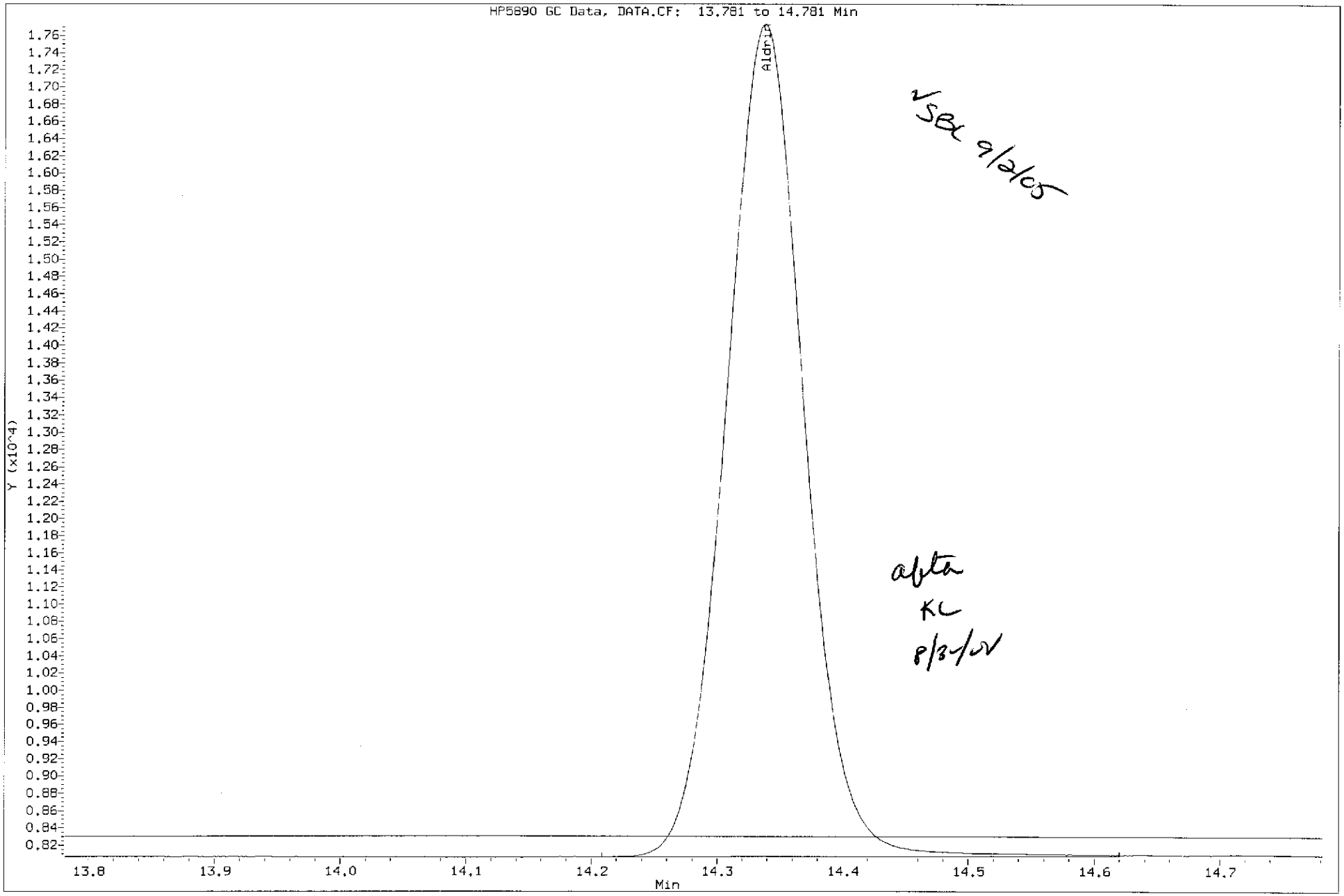
2303

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\E2E7575F.D
Injection Date: 25-AUG-2005 18:26
Instrument: E2.i
Client Sample ID: INDBMER



2304

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\E2E7575F.D
Injection Date: 25-AUG-2005 18:26
Instrument: E2.i
Client Sample ID: INDBMER

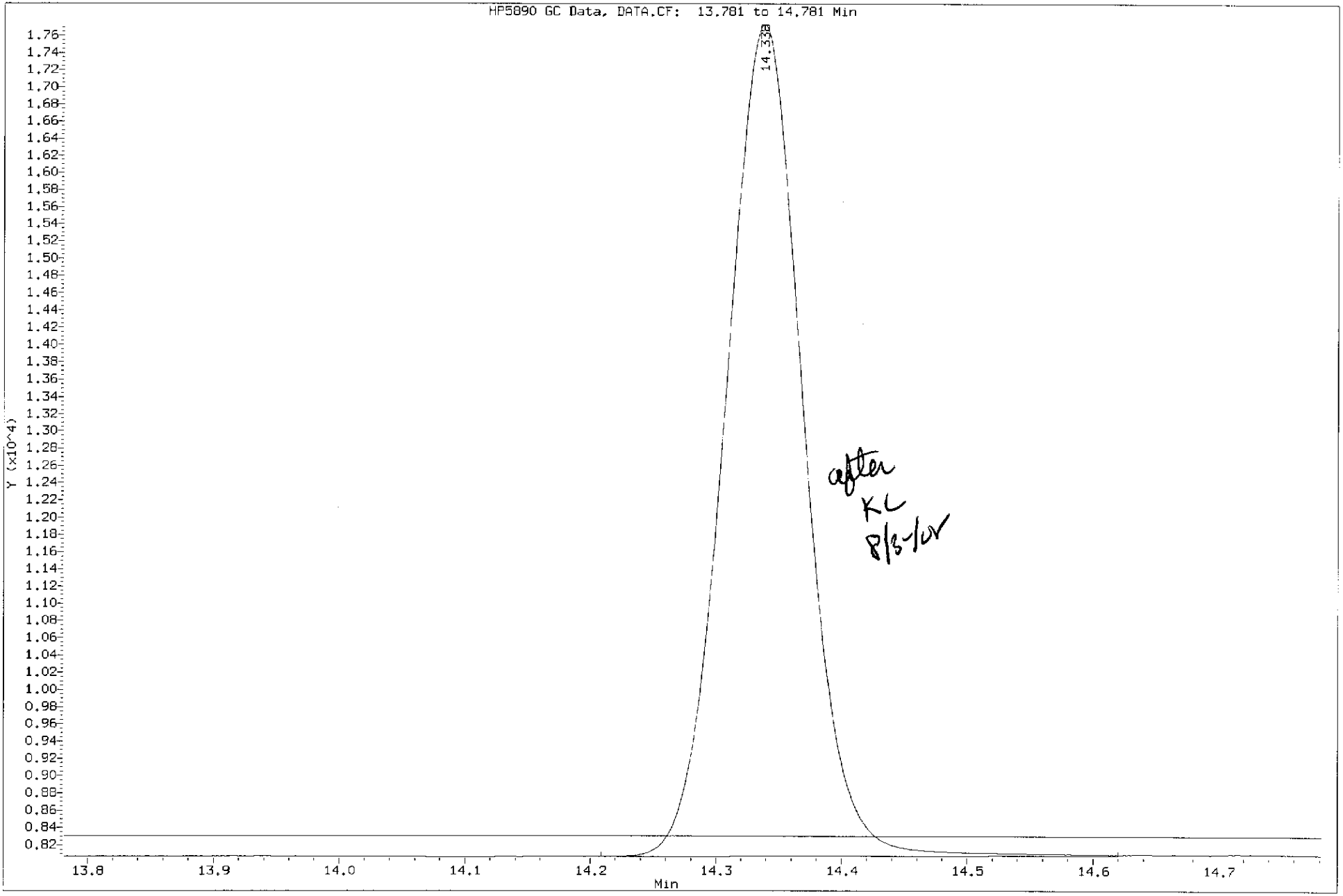


SBL 9/2/05

alpha
KC
8/31/05

2305

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\E2E7575F.D
Injection Date: 25-AUG-2005 18:26
Instrument: E2.i
Client Sample ID: INDBMER



2306

Data File: E2E7575F.D
Report Date: 30-Aug-2005 17:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\E2E7575F.D
Lab Smp Id: INDBMER Client Smp ID: INDBMER
Inj Date : 25-AUG-2005 18:26
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDBMER,INDBMER,,indb.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 16:45 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
7.63	7.59	0.040	42882	0.02000	0.019			(a)
6 Aldrin						CAS #: 309-00-2		
14.3	14.3	0.000	41798	0.02000	0.020			(aM)
7 beta-BHC						CAS #: 319-85-7		
11.9	11.9	0.000	26441	0.02000	0.019			(a)
8 delta-BHC						CAS #: 319-86-8		
13.0	13.0	0.000	34416	0.02000	0.022			(aM)

m4 KL 8/30/05

Data File: E2E7575F.D
Report Date: 30-Aug-2005 17:33

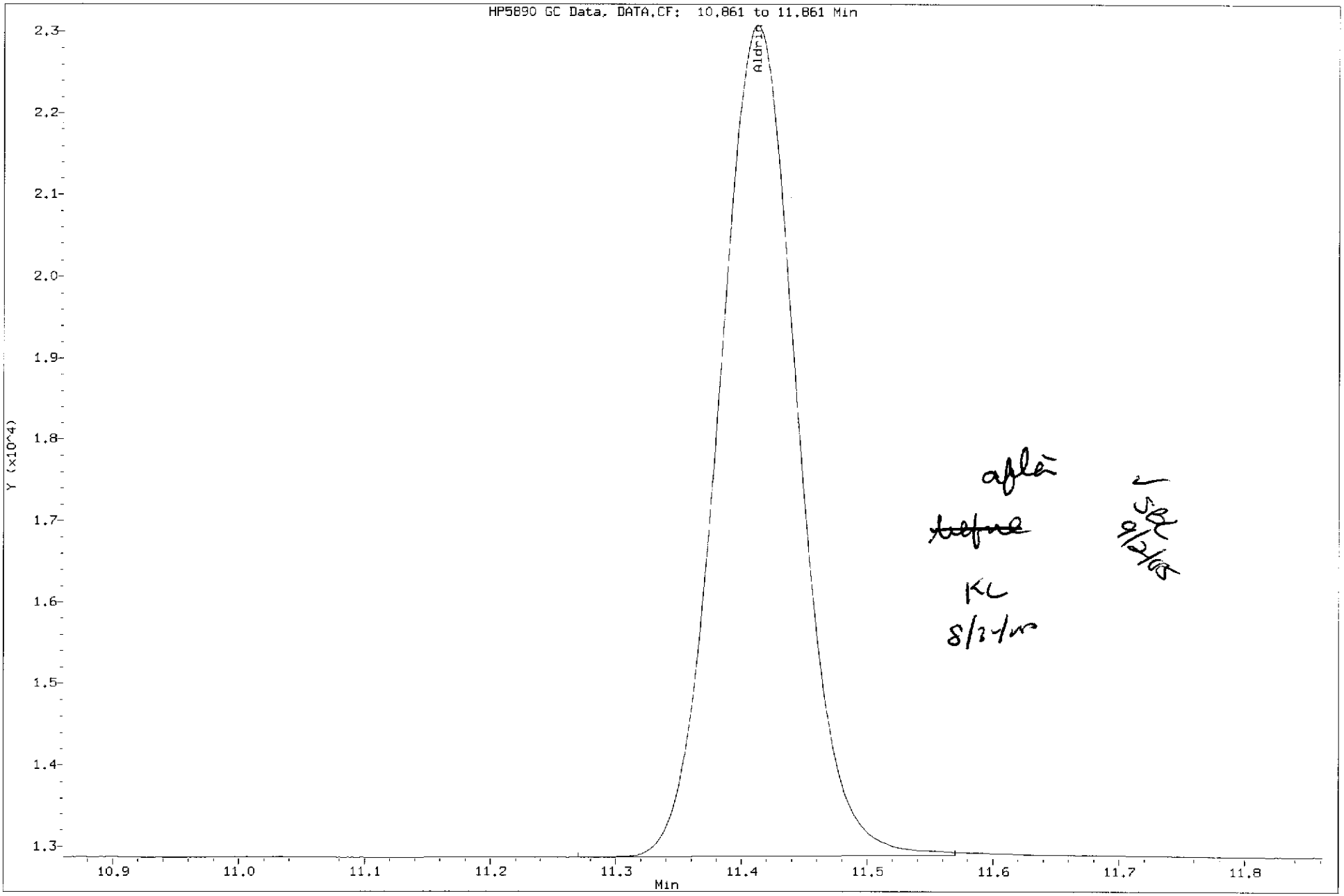
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
9 Heptachlor epoxide						CAS #: 1024-57-3		
16.6	16.5	0.100	49192	0.02000	0.019			(a)
11 gamma-Chlordane						CAS #: 5103-74-2		
17.3	17.3	0.000	52704	0.02000	0.019			(a)
12 alpha-Chlordane						CAS #: 5103-71-9		
17.9	17.8	0.100	50123	0.02000	0.019			(a)
13 4,4'-DDE						CAS #: 72-55-9		
18.7	18.6	0.100	87542	0.04000	0.039			(a)
17 Endosulfan II						CAS #: 33213-65-9		
21.0	20.9	0.100	81202	0.04000	0.036			(a)
19 Endrin aldehyde						CAS #: 7421-93-4		
22.2	22.2	0.000	68352	0.04000	0.039			(a)
20 Endosulfan sulfate						CAS #: 1031-07-8		
23.3	23.2	0.100	72454	0.04000	0.045			(a)
22 Endrin ketone						CAS #: 53494-70-5		
25.1	25.1	0.000	76975	0.04000	0.048			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
29.8	29.8	0.000	139626	0.04000	0.036			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

KC
8/30/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\E2E7575R.D
Injection Date: 25-AUG-2005 18:26
Instrument: E2.i
Client Sample ID: INDBMER

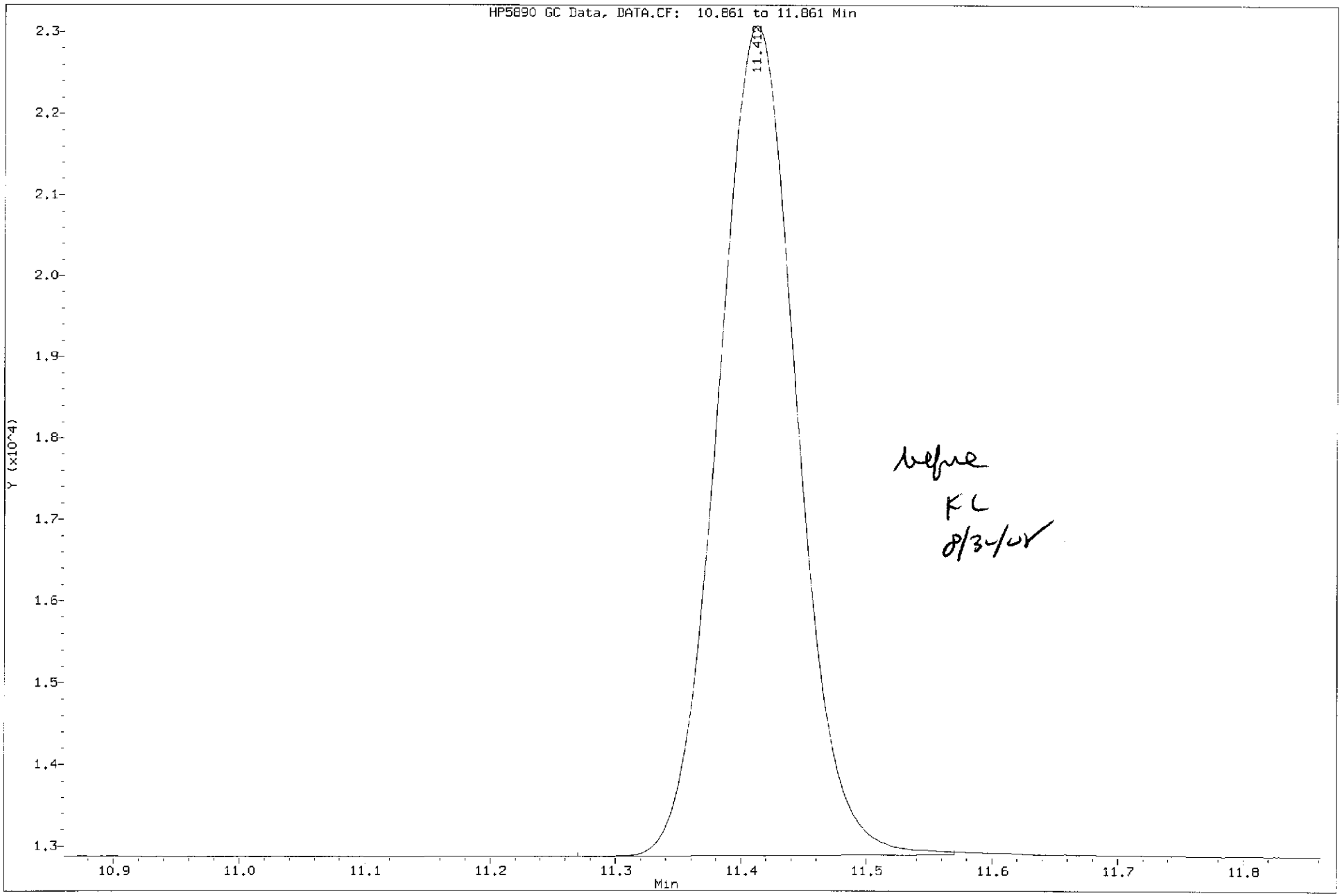


after
~~before~~
KL
8/24/05

SBL
9/2/05

2209

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\E2E7575R.D
Injection Date: 25-AUG-2005 18:26
Instrument: E2.i
Client Sample ID: INDBMER



before
KL
8/31/05

2310

Data File: E2E7575R.D
Report Date: 30-Aug-2005 17:34

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\E2E7575R.D
Lab Smp Id: INDBMER Client Smp ID: INDBMER
Inj Date : 25-AUG-2005 18:26
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : INDBMER,INDBMER,,indb.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 18:25 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.80	5.77	0.030	38358	0.02000	0.019		(a)
6 Aldrin						CAS #: 309-00-2	
11.4	11.4	0.000	44495	0.02000	0.019		(aM)
7 beta-BHC						CAS #: 319-85-7	
9.17	9.13	0.040	25081	0.02000	0.019		(a)
8 delta-BHC						CAS #: 319-86-8	
9.74	9.70	0.040	36317	0.02000	0.022		(a)

m4

KL 8/30/05

Data File: E2E7575R.D
Report Date: 30-Aug-2005 17:34

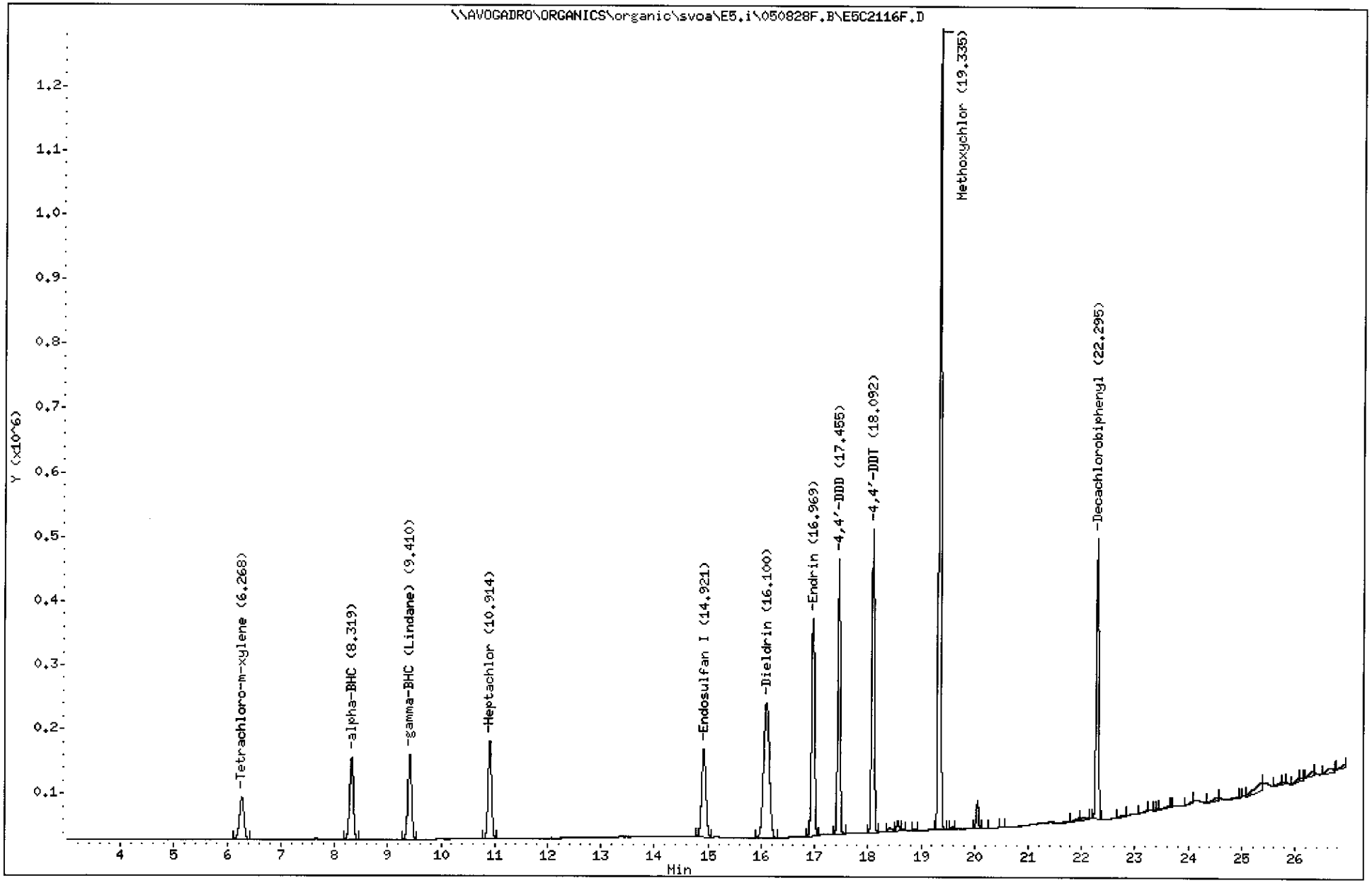
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO
9 Heptachlor epoxide					CAS #: 1024-57-3		
13.7	13.6	0.100	46967	0.02000	0.019		(a)
11 gamma-Chlordane					CAS #: 5103-74-2		
14.1	14.1	0.000	50692	0.02000	0.019		(a)
12 alpha-Chlordane					CAS #: 5103-71-9		
14.6	14.6	0.000	47617	0.02000	0.019		(a)
13 4,4'-DDE					CAS #: 72-55-9		
15.2	15.1	0.100	92445	0.04000	0.042		(a)
17 Endosulfan II					CAS #: 33213-65-9		
17.5	17.5	0.000	79050	0.04000	0.037		(a)
19 Endrin aldehyde					CAS #: 7421-93-4		
19.1	19.1	0.000	66817	0.04000	0.038		(a)
20 Endosulfan sulfate					CAS #: 1031-07-8		
20.7	20.6	0.100	71842	0.04000	0.047		(a)
22 Endrin ketone					CAS #: 53494-70-5		
21.6	21.5	0.100	75931	0.04000	0.048		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
25.5	25.4	0.100	133346	0.04000	0.037		(a)

QC Flag Legend

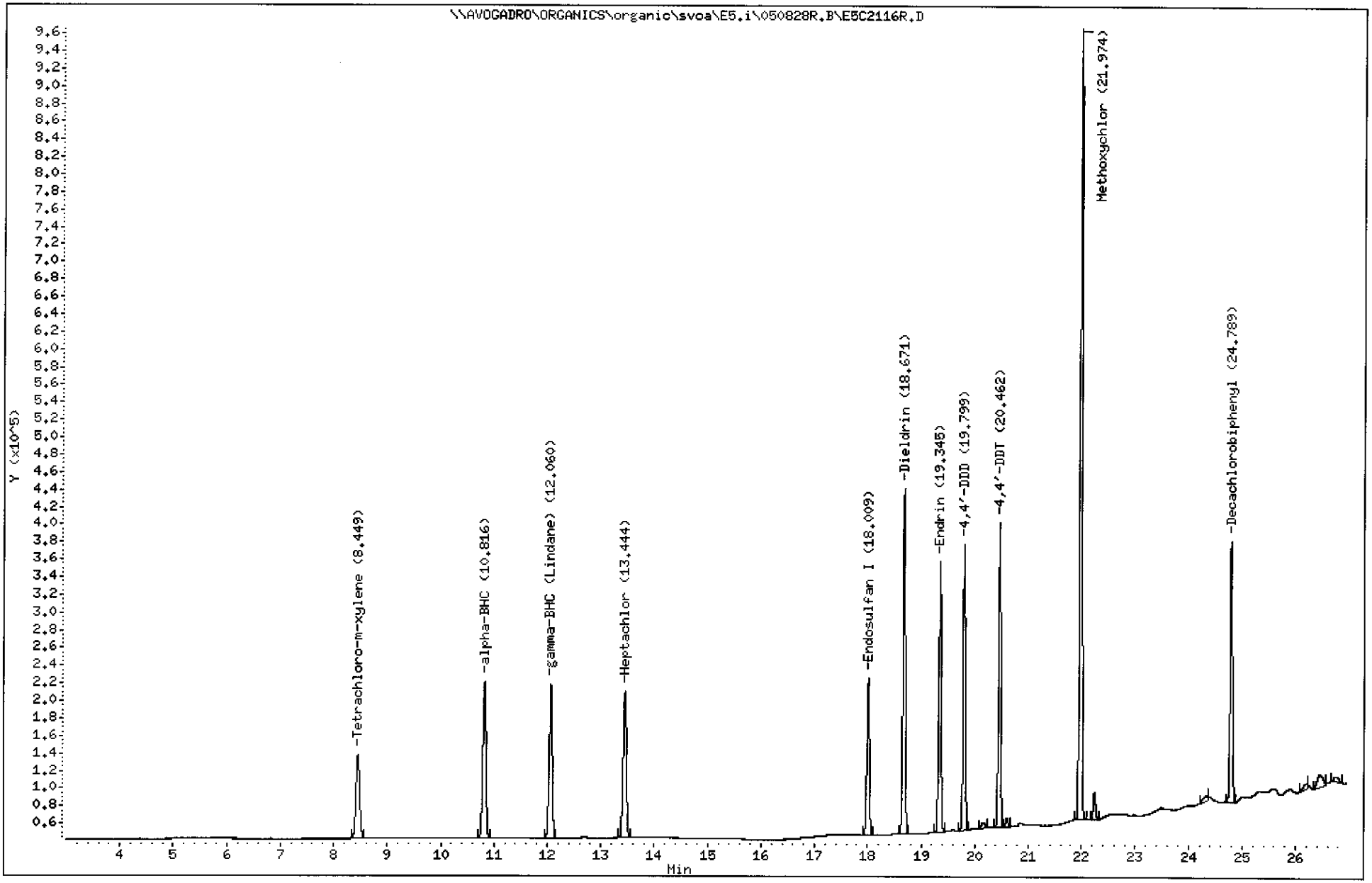
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

KL
8/3-/07

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2116F.D
Date : 28-AUG-2005 22:42
Client ID: INDAMZA
Instrument: E5.i
Sample Info: INDAMZA,INDAMZA,,inda.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2116R.D
Date : 28-AUG-2005 22:42
Client ID: INDAMZA
Instrument: E5.i
Sample Info: INDAMZA,INDAMZA,,inda,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2116F.D
Report Date: 30-Aug-2005 17:45

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2116F.D
Lab Smp Id: INDAMZA Client Smp ID: INDAMZA
Inj Date : 28-AUG-2005 22:42
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDAMZA,INDAMZA,,inda.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 11:47 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101F.D
Als bottle: 23 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
6.27	6.27	0.000	383982	0.02000	0.020		(a)
3 alpha-BHC						CAS #: 319-84-6	
8.32	8.32	0.000	609008	0.02000	0.019		(a)
4 gamma-BHC (Lindane)						CAS #: 58-89-9	
9.41	9.42	-0.010	595081	0.02000	0.019		(a)
5 Heptachlor						CAS #: 76-44-8	
10.9	10.9	0.000	691962	0.02000	0.019		(a)

Data File: E5C2116F.D
Report Date: 30-Aug-2005 17:45

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
10 Endosulfan I						CAS #: 959-98-8		
14.9	14.9	0.000	753780	0.02000	0.019			(a)
14 Dieldrin						CAS #: 60-57-1		
16.1	16.1	0.000	1586428	0.04000	0.039			(a)
15 Endrin						CAS #: 72-20-8		
17.0	17.0	0.000	1300379	0.04000	0.040			(a)
16 4,4'-DDD						CAS #: 72-54-8		
17.5	17.5	0.000	1337444	0.04000	0.039			(a)
18 4,4'-DDT						CAS #: 50-29-3		
18.1	18.1	0.000	1464590	0.04000	0.039			(a)
21 Methoxychlor						CAS #: 72-43-5		
19.3	19.3	0.000	3715706	0.20000	0.20			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
22.3	22.3	0.000	1323148	0.04000	0.037			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC
8/30/05

Data File: E5C2116R.D
Report Date: 30-Aug-2005 17:45

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2116R.D
Lab Smp Id: INDAMZA Client Smp ID: INDAMZA
Inj Date : 28-AUG-2005 22:42
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDAMZA,INDAMZA,,inda.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 11:42 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 23 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
RT	EXP RT	DLT RT	RESPONSE					
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
8.45	8.45	0.000	470971	0.02000	0.020			(a)
4 alpha-BHC					CAS #: 319-84-6			
10.8	10.8	0.000	733225	0.02000	0.020			(a)
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
12.1	12.1	0.000	684831	0.02000	0.020			(a)
6 Heptachlor					CAS #: 76-44-8			
13.4	13.4	0.000	696678	0.02000	0.020			(a)

Data File: E5C2116R.D
Report Date: 30-Aug-2005 17:45

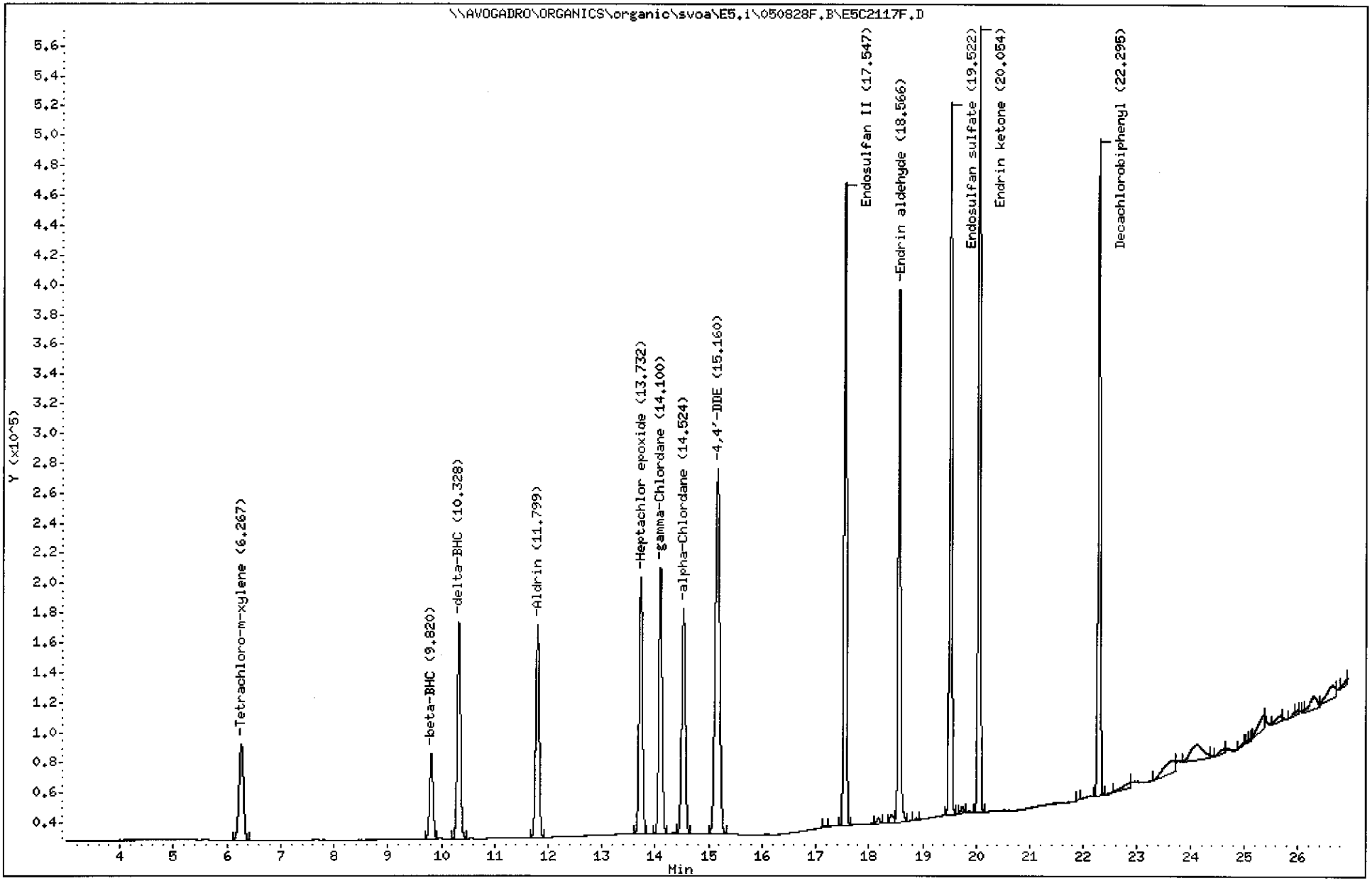
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
11 Endosulfan I						CAS #: 959-98-8		
18.0	18.0	0.000	570672	0.02000	0.020			(a)
15 Dieldrin						CAS #: 60-57-1		
18.7	18.7	0.000	1197581	0.04000	0.040			(a)
16 Endrin						CAS #: 72-20-8		
19.3	19.3	0.000	917770	0.04000	0.040			(a)
17 4,4'-DDD						CAS #: 72-54-8		
19.8	19.8	0.000	923582	0.04000	0.039			(a)
19 4,4'-DDT						CAS #: 50-29-3		
20.5	20.5	0.000	980708	0.04000	0.039			(a)
22 Methoxychlor						CAS #: 72-43-5		
22.0	22.0	0.000	2585751	0.20000	0.19			(a)
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3		
24.8	24.8	0.000	887295	0.04000	0.037			(a)

QC Flag Legend

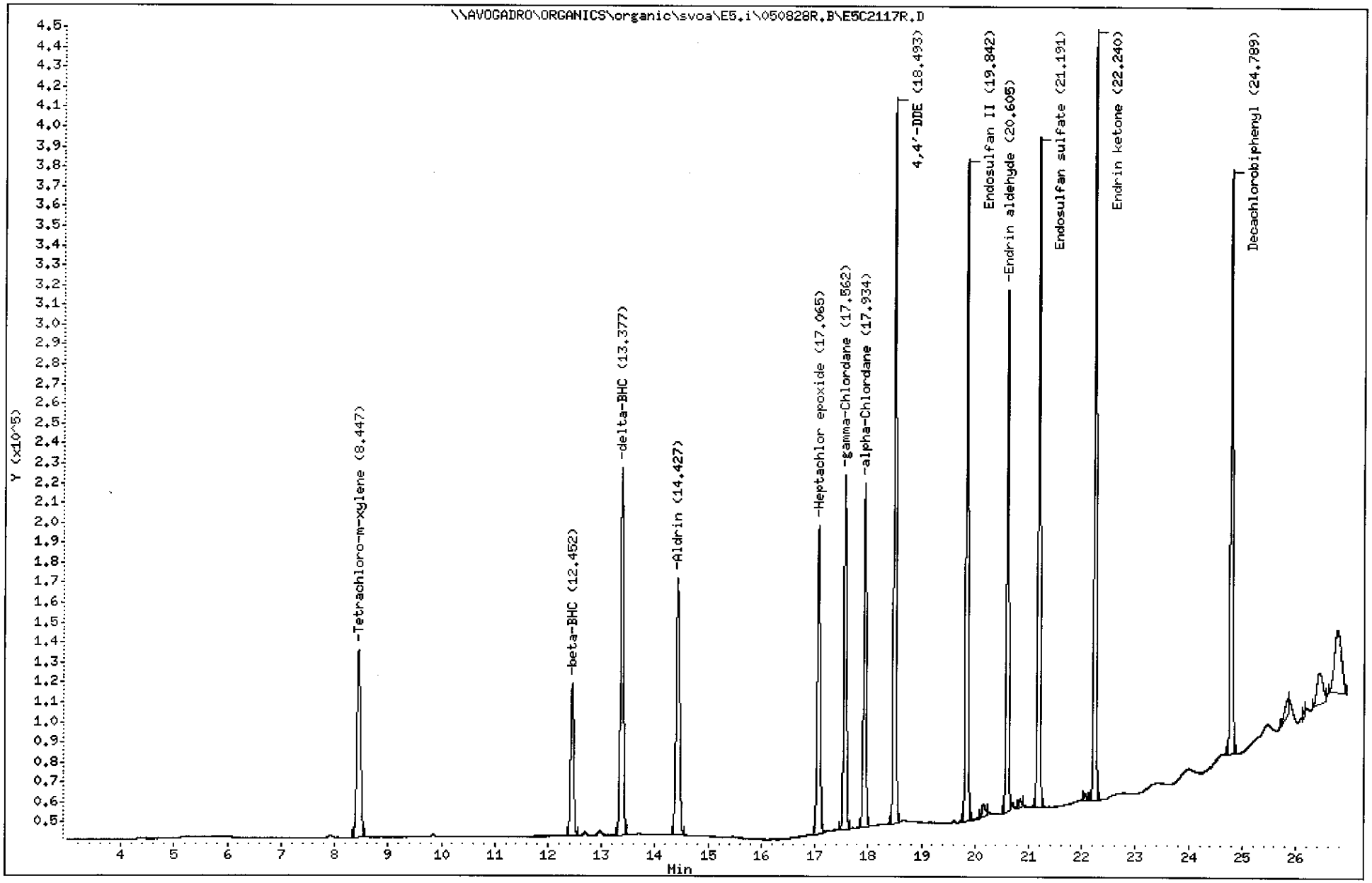
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KL
8/31/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2117F.D
Date : 28-AUG-2005 23:13
Client ID: INDBMZA
Instrument: E5.i
Sample Info: INDBMZA,INDBMZA,,indb,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2117R.D
Date : 28-AUG-2005 23:13
Client ID: INDBMZA
Instrument: E5.i
Sample Info: INDBMZA,INDBMZA,,indb.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2117F.D
Report Date: 30-Aug-2005 17:45

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2117F.D
Lab Smp Id: INDBMZA Client Smp ID: INDBMZA
Inj Date : 28-AUG-2005 23:13
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBMZA,INDBMZA,,indb.sub,,
Misc Info : 2,,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 11:47 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101F.D
Als bottle: 24 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.27	6.27	0.000	376093	0.02000	0.019		(a)
6 Aldrin					CAS #: 309-00-2		
11.8	11.8	0.000	620221	0.02000	0.018		(a)
7 beta-BHC					CAS #: 319-85-7		
9.82	9.82	0.000	257985	0.02000	0.019		(a)
8 delta-BHC					CAS #: 319-86-8		
10.3	10.3	0.000	623624	0.02000	0.019		(a)

Data File: E5C2117F.D
Report Date: 30-Aug-2005 17:45

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO
9 Heptachlor epoxide					CAS #: 1024-57-3		
13.7	13.7	0.000	709699	0.02000	0.019		(a)
11 gamma-Chlordane					CAS #: 5103-74-2		
14.1	14.1	0.000	744014	0.02000	0.019		(a)
12 alpha-Chlordane					CAS #: 5103-71-9		
14.5	14.5	0.000	707179	0.02000	0.019		(a)
13 4,4'-DDE					CAS #: 72-55-9		
15.2	15.2	0.000	1408397	0.04000	0.038		(a)
17 Endosulfan II					CAS #: 33213-65-9		
17.5	17.6	-0.100	1386629	0.04000	0.039		(a)
19 Endrin aldehyde					CAS #: 7421-93-4		
18.6	18.6	0.000	1135553	0.04000	0.039		(a)
20 Endosulfan sulfate					CAS #: 1031-07-8		
19.5	19.5	0.000	1437975	0.04000	0.038		(a)
22 Endrin ketone					CAS #: 53494-70-5		
20.1	20.1	0.000	1555730	0.04000	0.038		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
22.3	22.3	0.000	1326130	0.04000	0.037		(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

KL
8/30/05

Data File: E5C2117R.D
Report Date: 30-Aug-2005 17:45

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2117R.D
Lab Smp Id: INDBMZA Client Smp ID: INDBMZA
Inj Date : 28-AUG-2005 23:13
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBMZA,INDBMZA,,indb.sub,,
Misc Info : 2,,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 11:42 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 24 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
8.45	8.45	0.000	461820	0.02000	0.020			(a)
7 Aldrin						CAS #: 309-00-2		
14.4	14.4	0.000	574632	0.02000	0.020			(a)
8 beta-BHC						CAS #: 319-85-7		
12.5	12.5	0.000	303159	0.02000	0.020			(a)
9 delta-BHC						CAS #: 319-86-8		
13.4	13.4	0.000	680528	0.02000	0.020			(a)

Data File: E5C2117R.D
Report Date: 30-Aug-2005 17:45

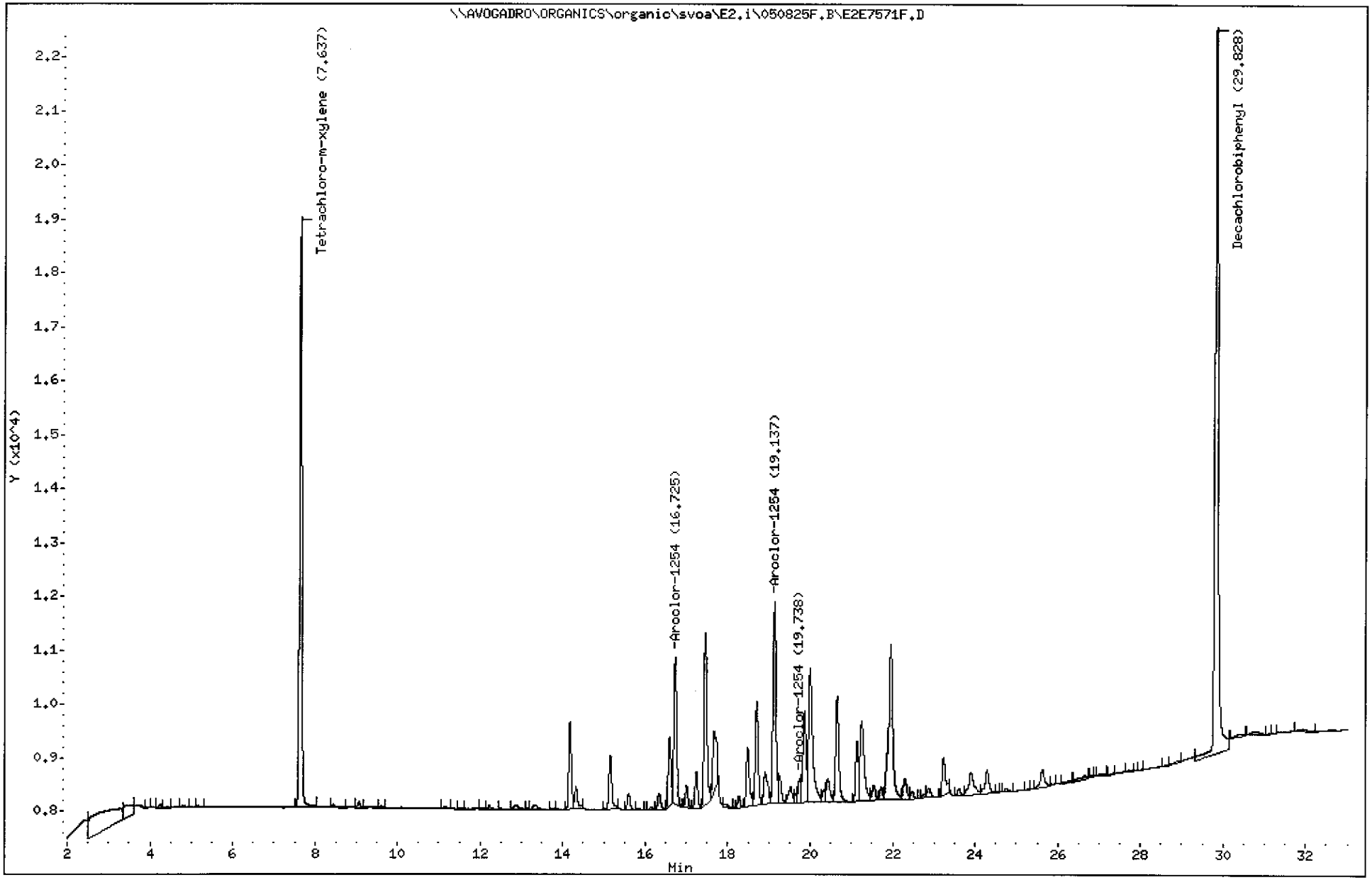
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
10 Heptachlor epoxide						CAS #: 1024-57-3		
17.1	17.1	0.000	575420	0.02000	0.020			(a)
12 gamma-Chlordane						CAS #: 5103-74-2		
17.6	17.6	0.000	578614	0.02000	0.020			(a)
13 alpha-Chlordane						CAS #: 5103-71-9		
17.9	17.9	0.000	548005	0.02000	0.020			(a)
14 4,4'-DDE						CAS #: 72-55-9		
18.5	18.5	0.000	1085562	0.04000	0.039			(a)
18 Endosulfan II						CAS #: 33213-65-9		
19.8	19.8	0.000	985018	0.04000	0.039			(a)
20 Endrin aldehyde						CAS #: 7421-93-4		
20.6	20.6	0.000	759989	0.04000	0.038			(a)
21 Endosulfan sulfate						CAS #: 1031-07-8		
21.2	21.2	0.000	973612	0.04000	0.038			(a)
23 Endrin ketone						CAS #: 53494-70-5		
22.2	22.2	0.000	1091741	0.04000	0.038			(a)
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3		
24.8	24.8	0.000	875812	0.04000	0.036			(a)

QC Flag Legend

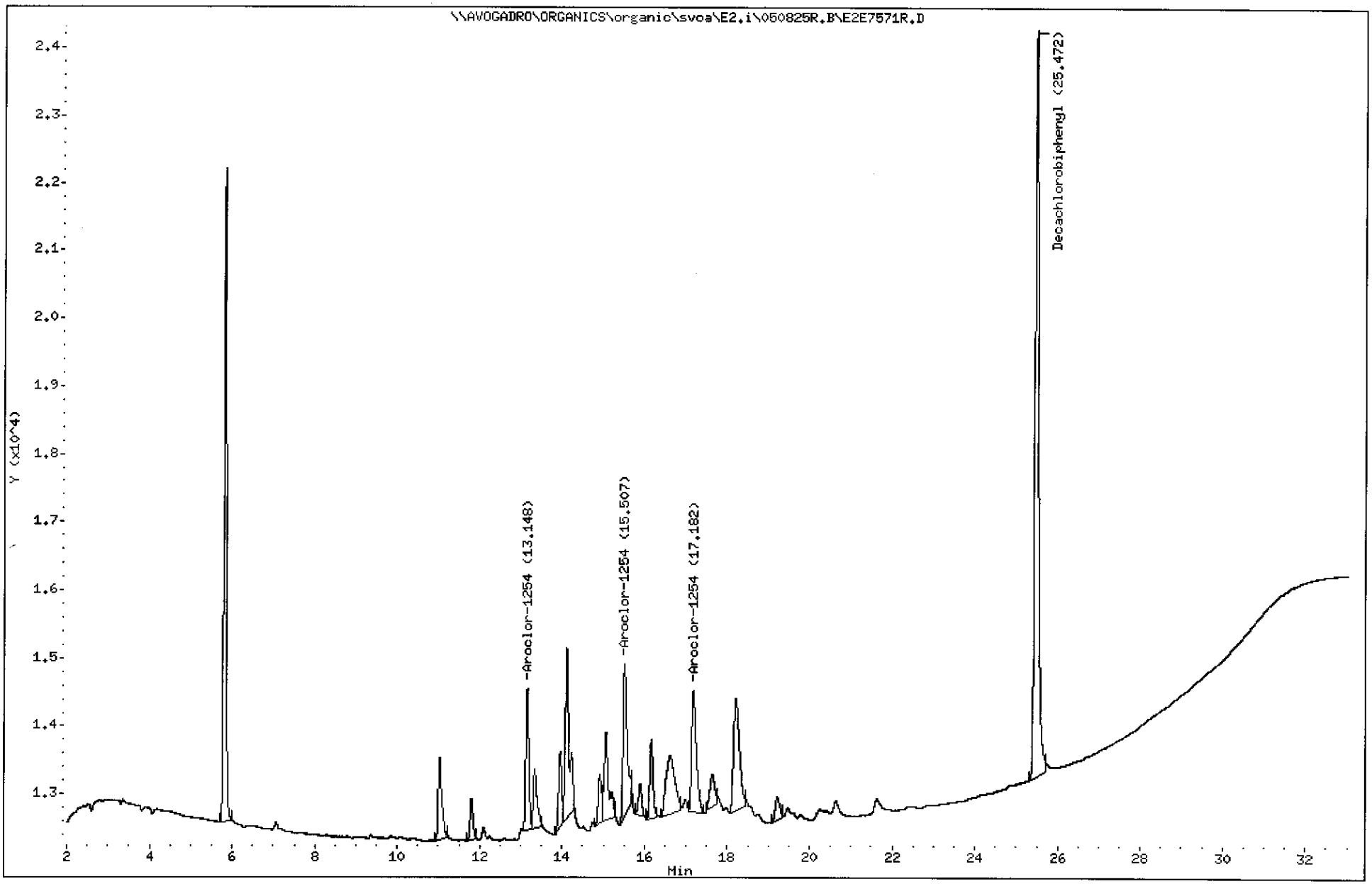
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KL 8/31/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\E2E7571F.D
Date : 25-AUG-2005 16:02
Client ID: AR1254EQ
Instrument: E2.i
Sample Info: AR1254EQ,AR1254EQ,,ar1254,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\E2E7571R.D
Date : 25-AUG-2005 16:02
Client ID: AR1254EQ
Instrument: E2.i
Sample Info: AR1254EQ,AR1254EQ,,ar1254.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7571F.D
Report Date: 30-Aug-2005 17:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\E2E7571F.D
Lab Smp Id: AR1254EQ Client Smp ID: AR1254EQ
Inj Date : 25-AUG-2005 16:02
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : AR1254EQ,AR1254EQ,,ar1254.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 16:45 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 96 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1254.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
7.64	7.59	0.050	43190 0.02000		0.019			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
29.8	29.8	0.000	76305 0.04000		0.020			(a)
28 Aroclor-1254					CAS #: 11097-69-1			
16.7	16.7	0.000	13424 0.10000		0.091	80.00- 120.00	100.00	(a)
19.1	19.1	0.000	18860 0.10000		0.094	120.49- 160.49	140.49	
19.7	19.8	-0.100	2117 0.10000		0.021	0.00- 35.77	15.77	
Average of Peak Amounts =					0.0689			

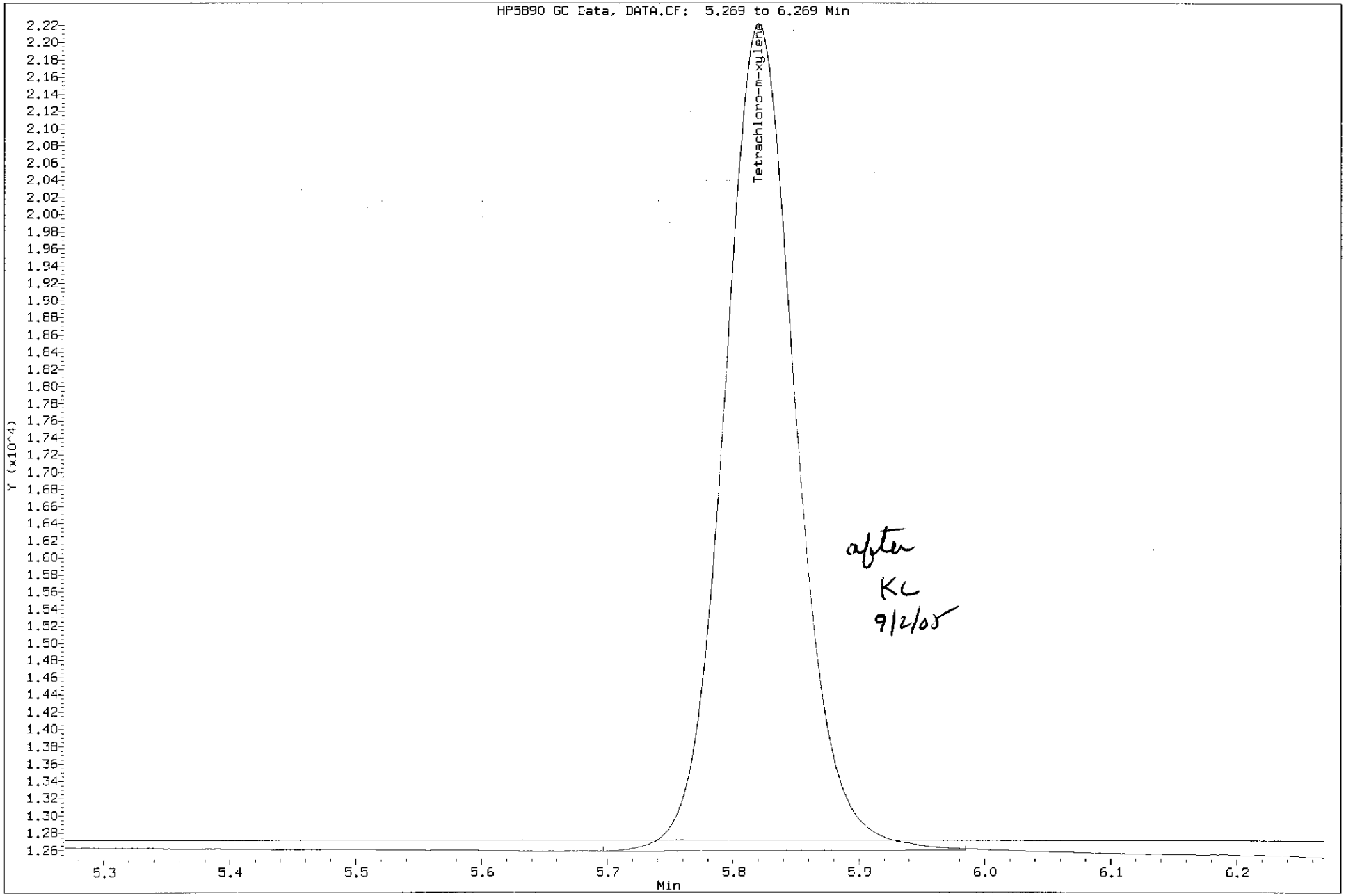
KC 8/30/05

Data File: E2E7571F.D
Report Date: 30-Aug-2005 17:33

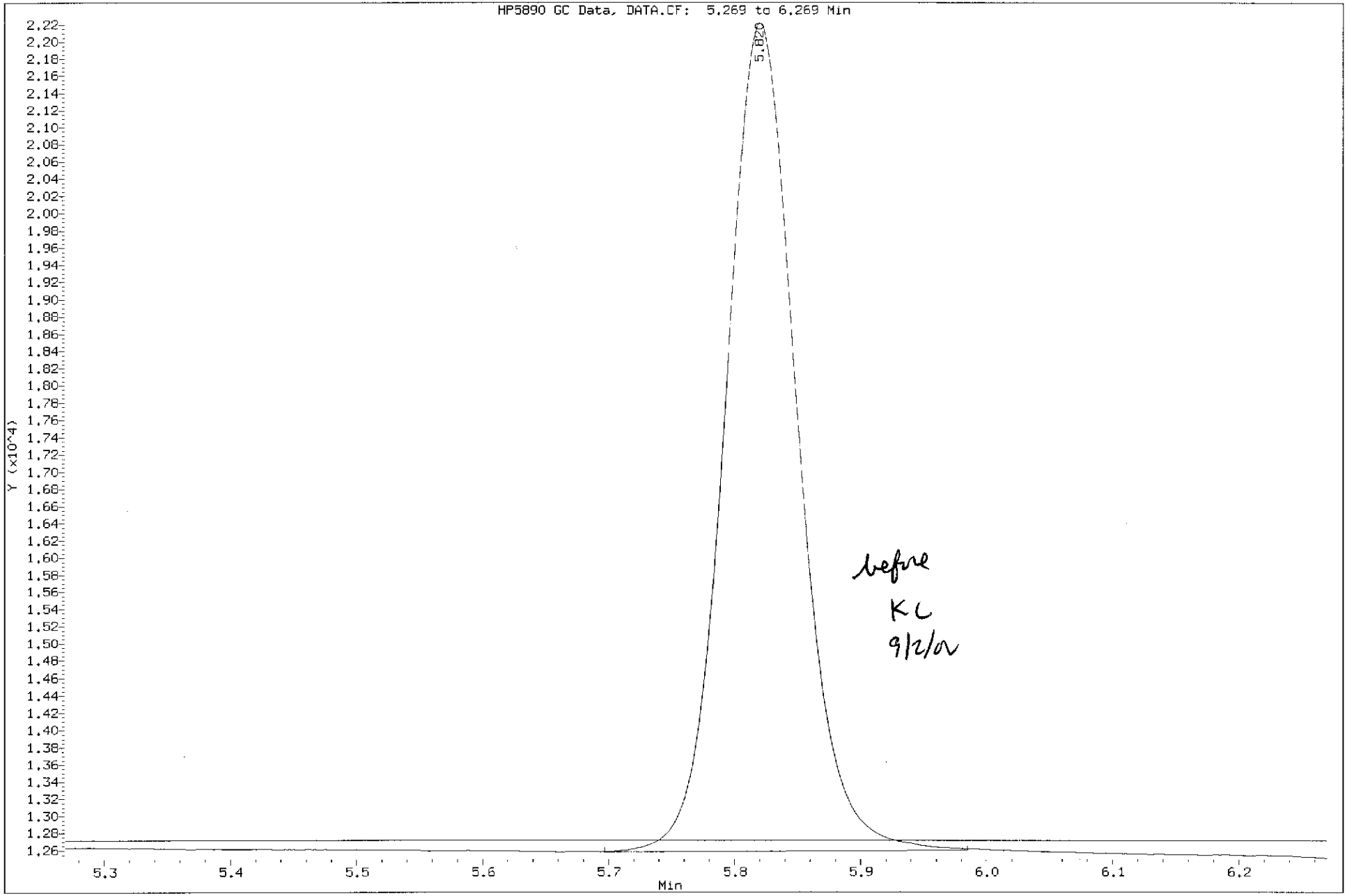
QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\E2E7571R.D
Injection Date: 25-AUG-2005 16:02
Instrument: E2.i
Client Sample ID: AR1254EQ



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\E2E7571R.D
Injection Date: 25-AUG-2005 16:02
Instrument: E2.i
Client Sample ID: AR1254EQ



Data File: E2E7571R.D
Report Date: 02-Sep-2005 17:58

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\E2E7571R.D
Lab Smp Id: AR1254EQ Client Smp ID: AR1254EQ
Inj Date : 25-AUG-2005 16:02
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : AR1254EQ,AR1254EQ,,ar1254.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 18:25 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 96 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1254.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
RT	EXP RT	DLT RT	RESPONSE					
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
5.82	5.77	0.050	38426	0.02000	0.019			(aM)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
25.5	25.4	0.100	68998	0.04000	0.019			(a)
28 Aroclor-1254					CAS #: 11097-69-1			
13.1	13.1	0.000	9877	0.10000	0.084	80.00- 120.00	100.00	(a)
15.5	15.5	0.000	15126	0.10000	0.13	133.14- 173.14	153.14	
17.2	17.1	0.100	14263	0.10000	0.11	124.41- 164.41	144.41	
Average of Peak Amounts =					0.106			

m4 KL 9/2/05

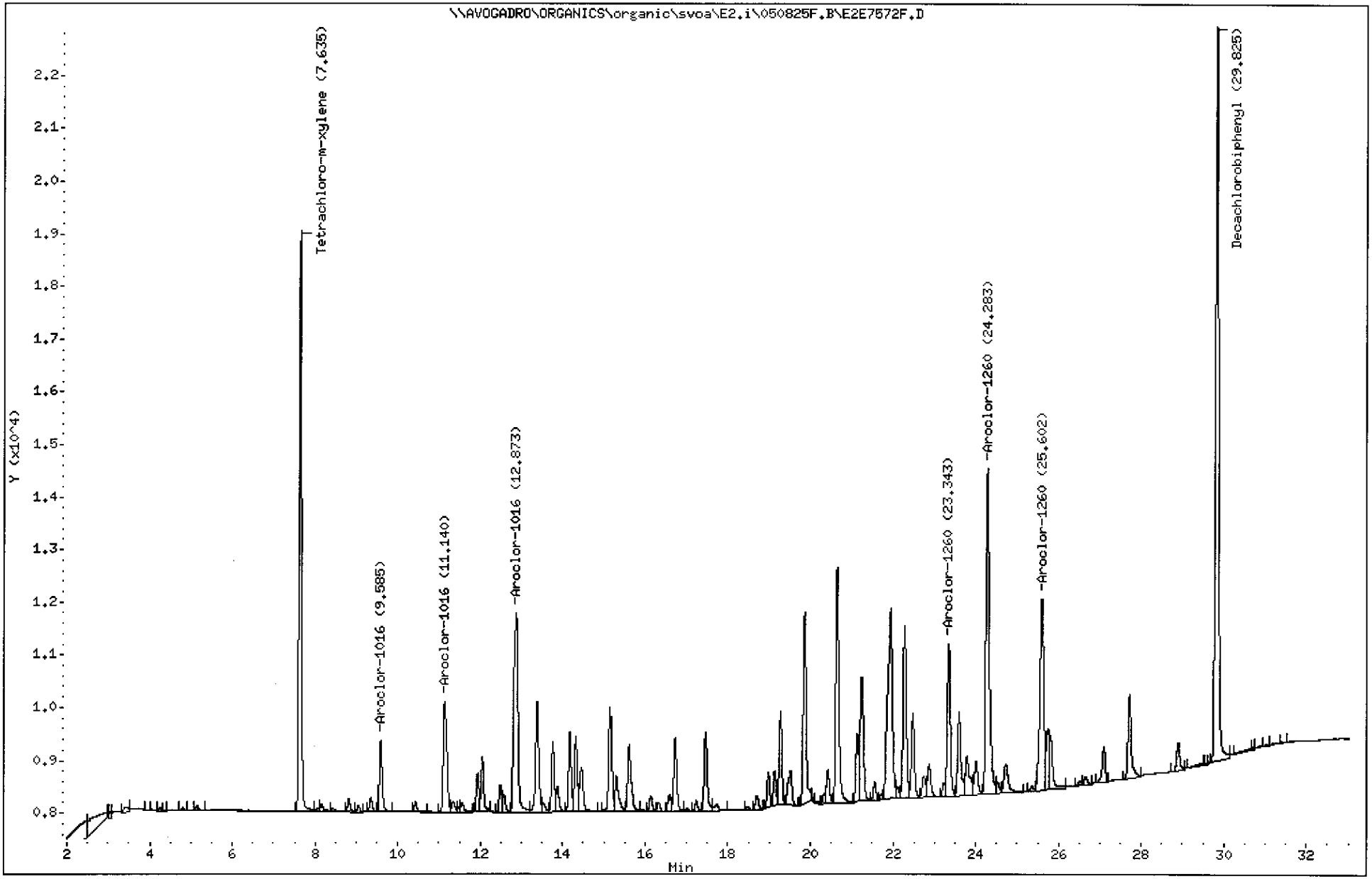
KL 9/2/05

Data File: E2E7571R.D
Report Date: 02-Sep-2005 17:58

QC Flag Legend

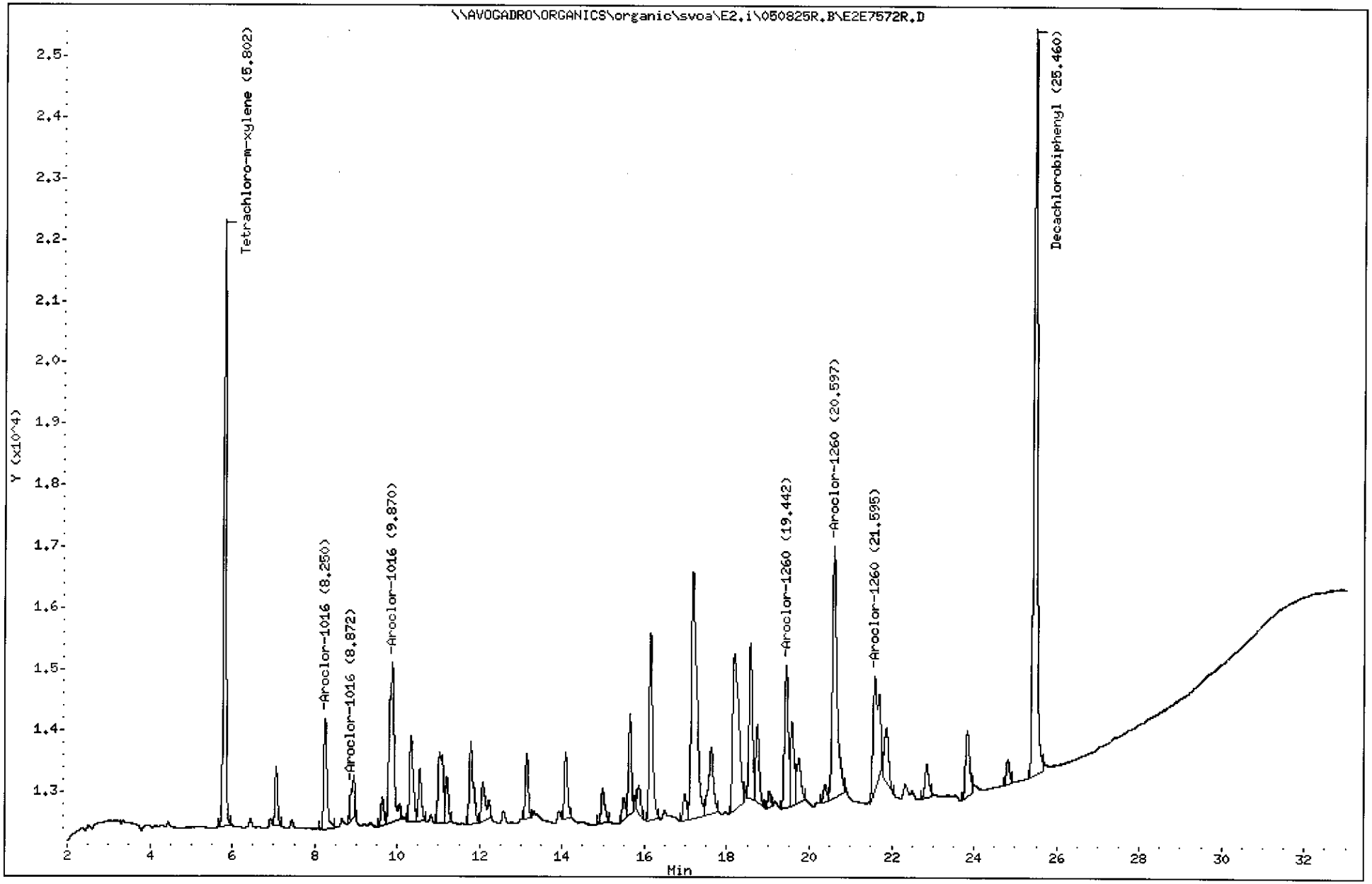
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\E2E7572F.D
Date : 25-AUG-2005 16:38
Client ID: AR1660EQ
Instrument: E2.i
Sample Info: AR1660EQ,AR1660EQ,,ar1660.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



2333

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\E2E7572R.D
Date : 25-AUG-2005 16:38
Client ID: AR1660EQ
Instrument: E2.i
Sample Info: AR1660EQ,AR1660EQ,,ar1660.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7572F.D
Report Date: 30-Aug-2005 17:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\E2E7572F.D
Lab Smp Id: AR1660EQ Client Smp ID: AR1660EQ
Inj Date : 25-AUG-2005 16:38
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : AR1660EQ,AR1660EQ,,ar1660.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 16:45 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 97 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1660.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT	AMOUNTS ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.64	7.59	0.050	43439	0.02000	0.019		(a)
23 Aroclor-1016					CAS #: 12674-11-2		
9.59	9.54	0.050	6053	0.10000	0.098	80.00- 120.00	100.00(a)
11.1	11.1	0.000	12647	0.10000	0.098	188.94- 228.94	208.94
12.9	12.8	0.100	27222	0.10000	0.10	429.73- 469.73	449.73
Average of Peak Amounts =					0.0997		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	73354	0.04000	0.019		(a)

Data File: E2E7572F.D
Report Date: 30-Aug-2005 17:33

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO
29 Aroclor-1260					CAS #: 11096-82-5		
23.3	23.3	0.000	14846	0.10000	0.10	80.00- 120.00	100.00(aM)
24.3	24.2	0.100	35349	0.10000	0.10	218.10- 258.10	238.10
25.6	25.5	0.100	23693	0.10000	0.097	139.59- 179.59	159.59
		Average of Peak Amounts =			0.0996		

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

KC
8/30/05

Data File: E2E7572R.D
Report Date: 30-Aug-2005 17:34

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\E2E7572R.D
Lab Smp Id: AR1660EQ Client Smp ID: AR1660EQ
Inj Date : 25-AUG-2005 16:38
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : AR1660EQ,AR1660EQ,,,ar1660.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 18:25 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 97 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1660.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
5.80	5.77	0.030	39030	0.02000	0.019			(a)
23 Aroclor-1016					CAS #: 12674-11-2			
8.25	8.21	0.040	9921	0.10000	0.11	80.00- 120.00	100.00	(a)
8.87	8.90	-0.030	4536	0.10000	0.083	25.72- 65.72	45.72	
9.87	9.85	0.020	21324	0.10000	0.12	194.94- 234.94	214.94	
Average of Peak Amounts =					0.106			
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
25.5	25.4	0.100	71112	0.04000	0.020			(a)

Data File: E2E7572R.D
Report Date: 30-Aug-2005 17:34

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO
29 Aroclor-1260					CAS #: 11096-82-5		
19.4	19.4	0.000	13592	0.10000	0.12	80.00- 120.00	100.00(a)
20.6	20.6	0.000	31757	0.10000	0.12	213.64- 253.64	233.64
21.6	21.6	0.000	16531	0.10000	0.080	101.62- 141.62	121.62
		Average of Peak Amounts =			0.104		

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC
8/3/08

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK2E

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19467

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7528F

% Moisture: 0 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 08/12/05

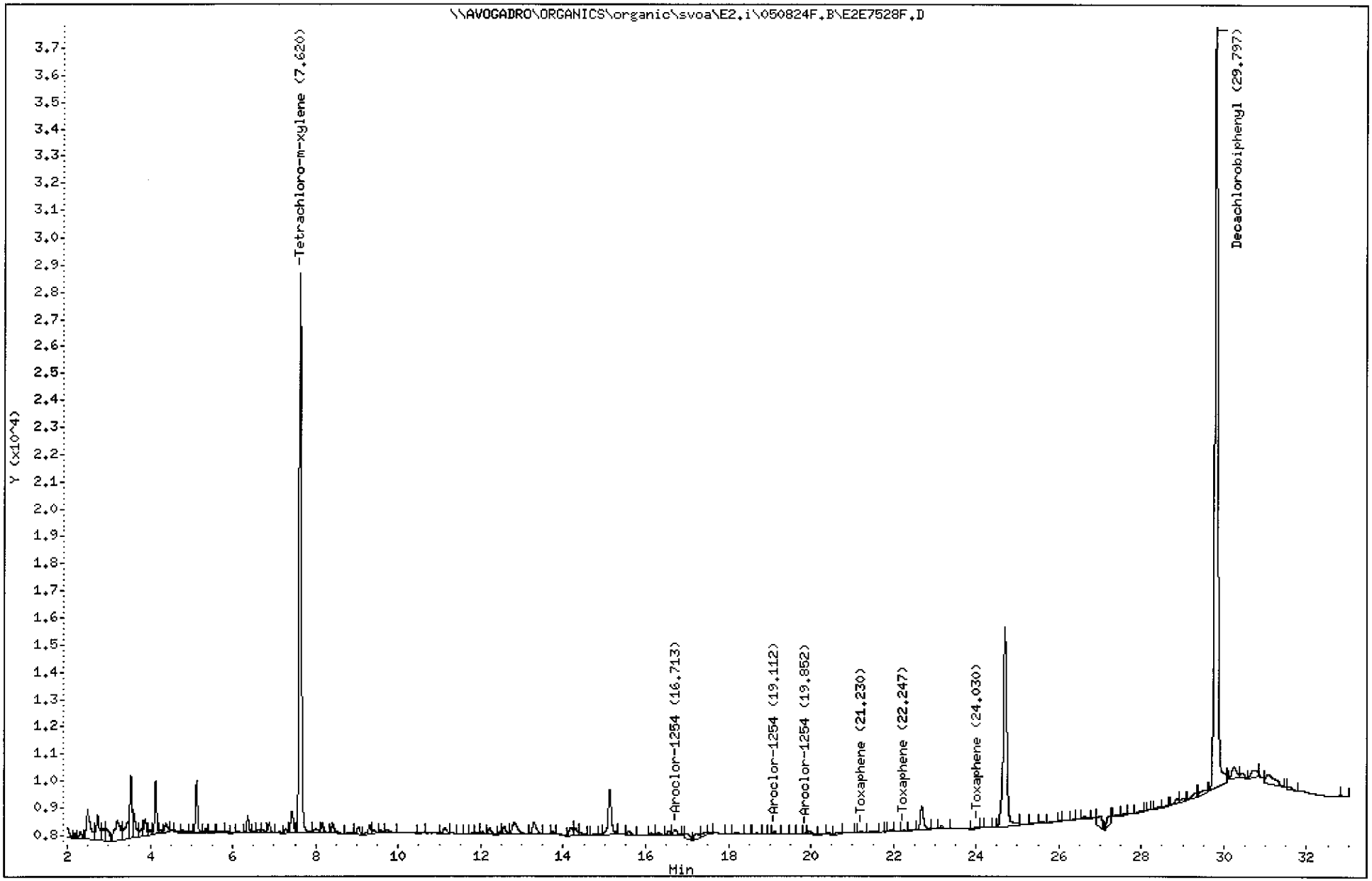
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.3	U
72-55-9	4,4'-DDE	3.3	U
72-20-8	Endrin	3.3	U
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	67	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7528F.D
Date : 24-AUG-2005 12:37
Client ID: PBLK2E
Instrument: E2.i
Sample Info: MB-19467,PBLK2E,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



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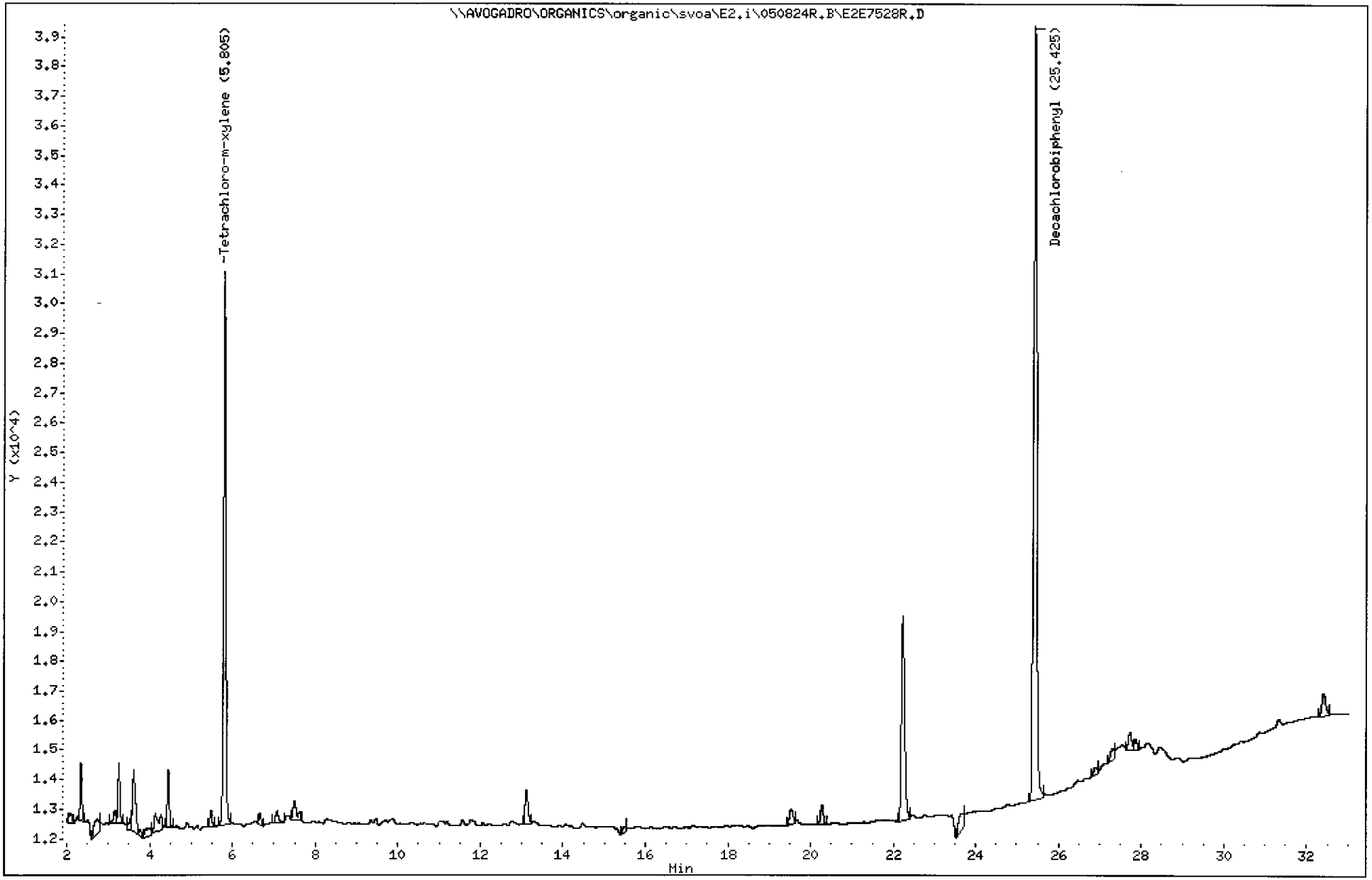
Date : 24-AUG-2005 12:37
Client ID: PBLK2E
Instrument: E2.i
Sample Info: MB-19467,PBLK2E,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7528F.D
Report Date: 29-Aug-2005 14:04

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7528F.D
Lab Smp Id: MB-19467 Client Smp ID: PBLK2E
Inj Date : 24-AUG-2005 12:37
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : MB-19467,PBLK2E,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 2 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.62	7.59	0.030	79488	0.03503		12	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	148501	0.03819		13	

KL
8/31/05

Data File: E2E7528R.D
Report Date: 29-Aug-2005 14:03

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7528R.D
Lab Smp Id: MB-19467 Client Smp ID: PBLK2E
Inj Date : 24-AUG-2005 12:37
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : MB-19467,PBLK2E,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 2 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.81	5.77	0.040	70240	0.03492		12	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	138825	0.03839		13	

KC 8/31/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK5D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: MB-19467

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E5C2109F

% Moisture: 0 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/28/05

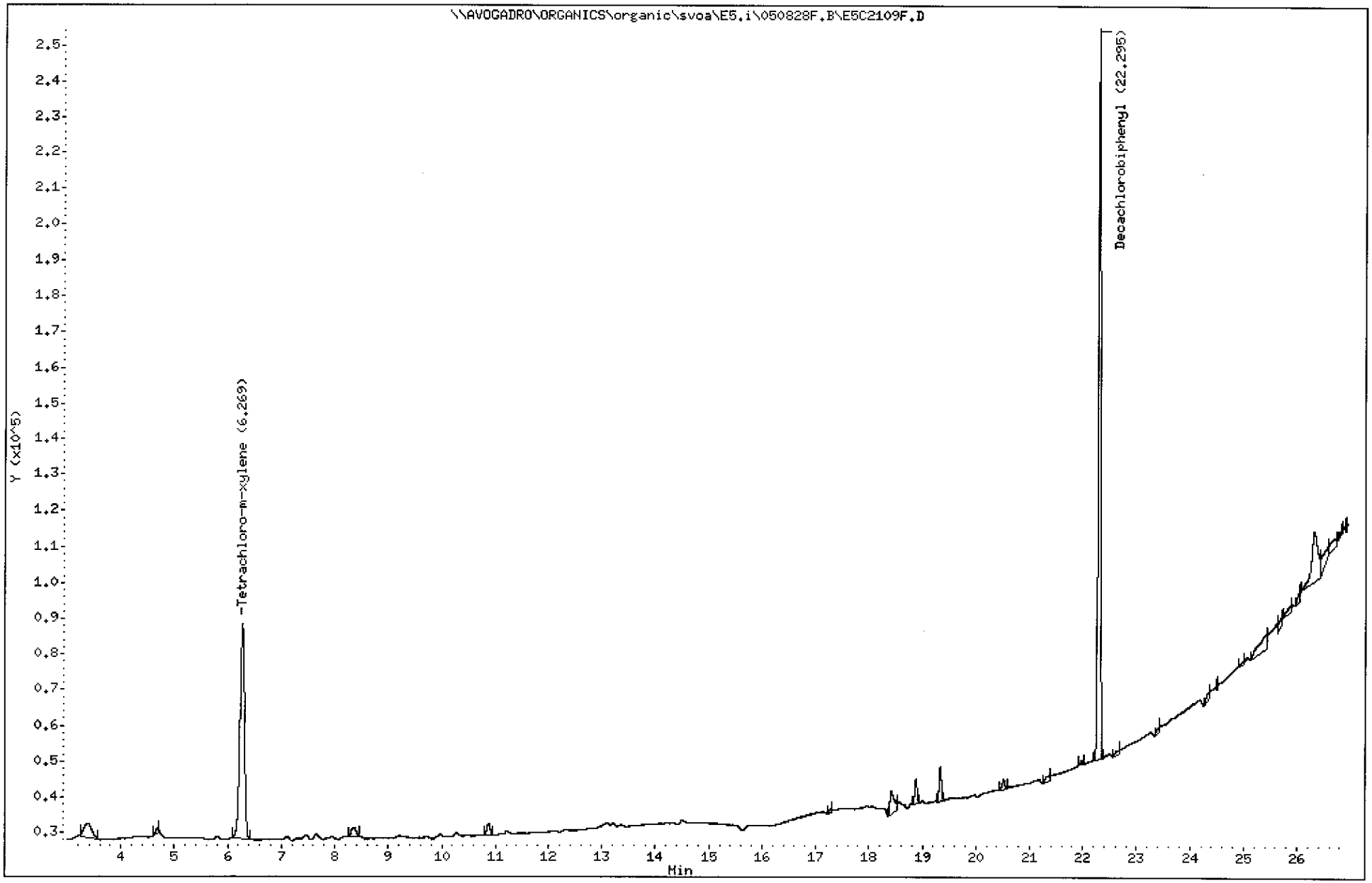
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Sulfur Cleanup: (Y/N) Y

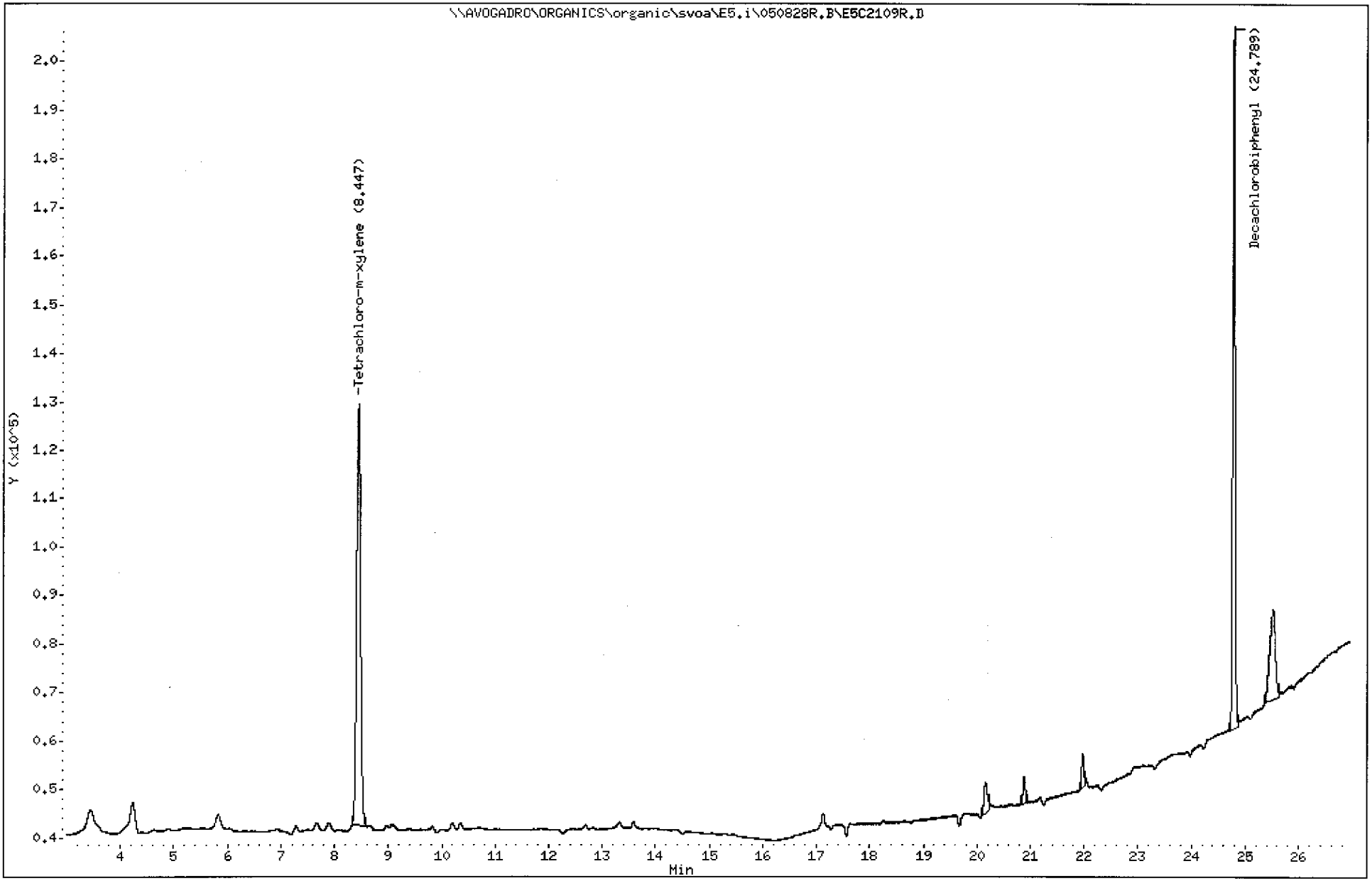
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q	
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.3	U
72-55-9	4,4'-DDE	3.3	U
72-20-8	Endrin	3.3	U
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	67	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2109F.D
Date : 28-AUG-2005 19:09
Client ID: PBLK5D
Instrument: E5.i
Sample Info: MB-19467,PBLK5D,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2109R.D
Date : 28-AUG-2005 19:09
Client ID: PBLK5D
Instrument: E5.i
Sample Info: MB-19467,PBLK5D,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2109F.D
Report Date: 30-Aug-2005 13:09

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2109F.D
Lab Smp Id: MB-19467 Client Smp ID: PBLK5D
Inj Date : 28-AUG-2005 19:09
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : MB-19467,PBLK5D,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 11:47 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101F.D
Als bottle: 18 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
6.27	6.27	0.000	356770	0.01847	6.2		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
22.3	22.3	0.000	620250	0.01753	5.8		

KC
8/31/05

Data File: E5C2109R.D
Report Date: 30-Aug-2005 13:09

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2109R.D
Lab Smp Id: MB-19467 Client Smp ID: PBLK5D
Inj Date : 28-AUG-2005 19:09
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : MB-19467,PBLK5D,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 11:42 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 18 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.45	8.45	0.000	444154	0.01891	6.3		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.8	24.8	0.000	439317	0.01815	6.0		

KC
8/30/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKE2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKE2

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7393F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/18/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKE2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKE2

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7393R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/18/05

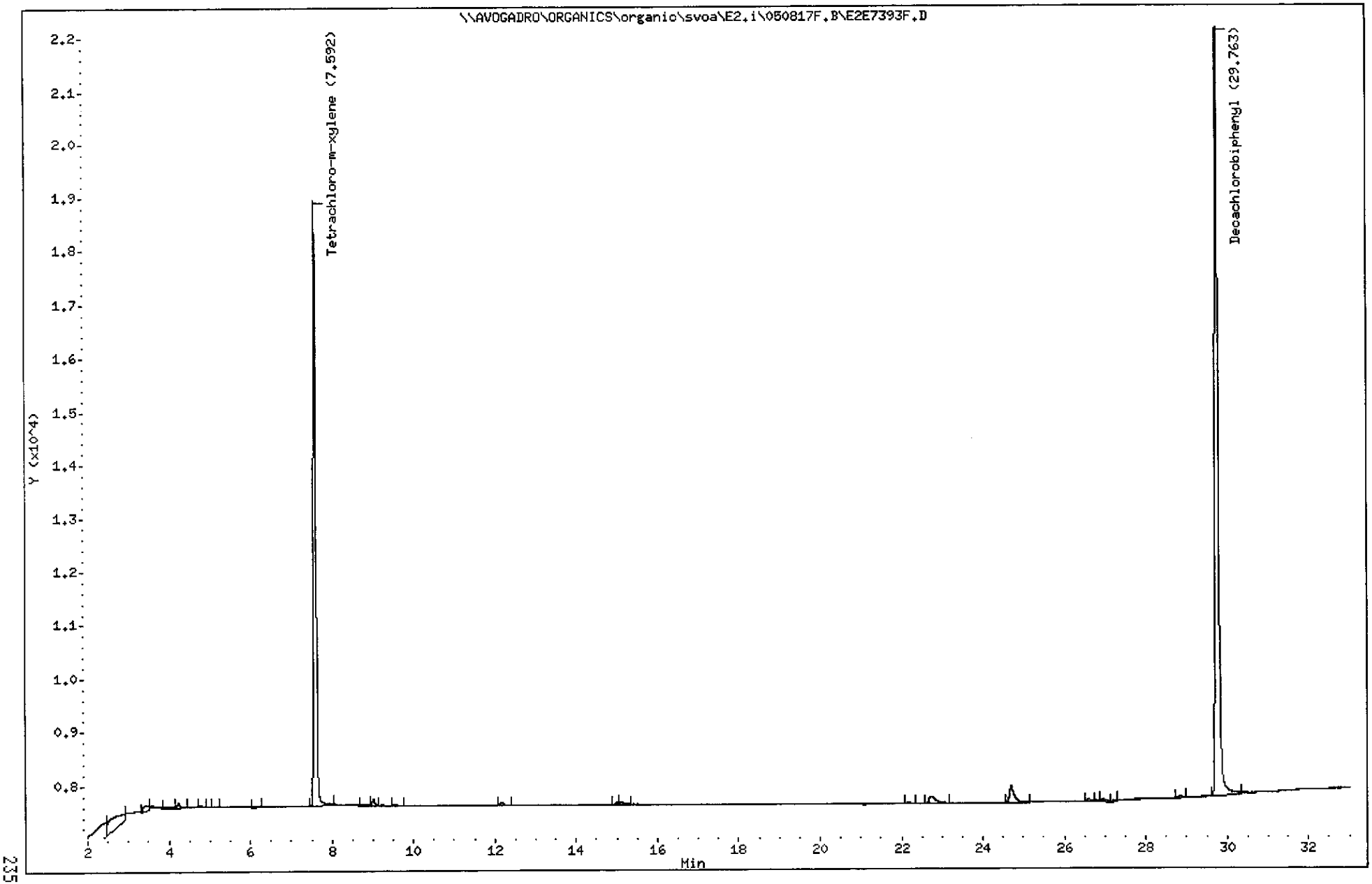
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

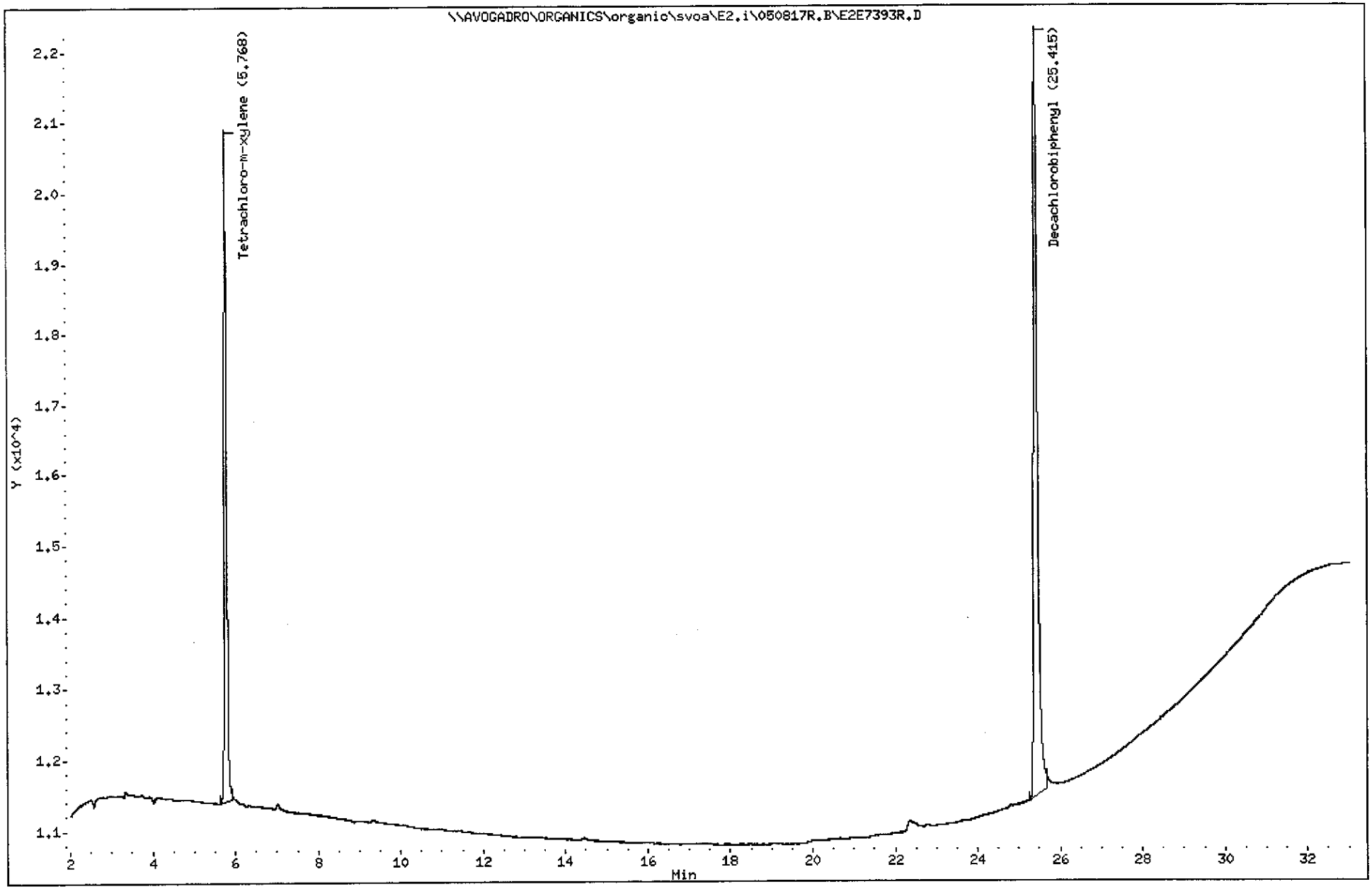
Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7393F.D
Date : 18-AUG-2005 04:51
Client ID: PIBLKE2
Sample Info: PIBLKE2,PIBLKE2,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7393R.D
Date : 18-AUG-2005 04:51
Client ID: PIBLKE2
Sample Info: PIBLKE2,PIBLKE2,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



2352

Data File: E2E7393F.D
Report Date: 18-Aug-2005 18:22

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\E2E7393F.D
Lab Smp Id: PIBLKE2 Client Smp ID: PIBLKE2
Inj Date : 18-AUG-2005 04:51
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PIBLKE2,PIBLKE2,,
Misc Info : 3,,INSTBLANK,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817F.B\clp-1262e4f.m
Meth Date : 18-Aug-2005 18:21 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.59	7.59	0.000	44125	0.01945	0.19		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	79085	0.02034	0.20		

SZ 08/19/05

Data File: E2E7393R.D
Report Date: 18-Aug-2005 18:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\E2E7393R.D
Lab Smp Id: PIBLKE2 Client Smp ID: PIBLKE2
Inj Date : 18-AUG-2005 04:51
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PIBLKE2,PIBLKE2,,
Misc Info : 3,,INSTBLANK,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050817R.B\clp1262-e2r.m
Meth Date : 18-Aug-2005 17:16 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.77	5.77	0.000	38168	0.01897	0.19		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	71708	0.01983	0.20		

SZ 08/19/05

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEJ

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEJ

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7490F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/23/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEJ

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEJ

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7490R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/23/05

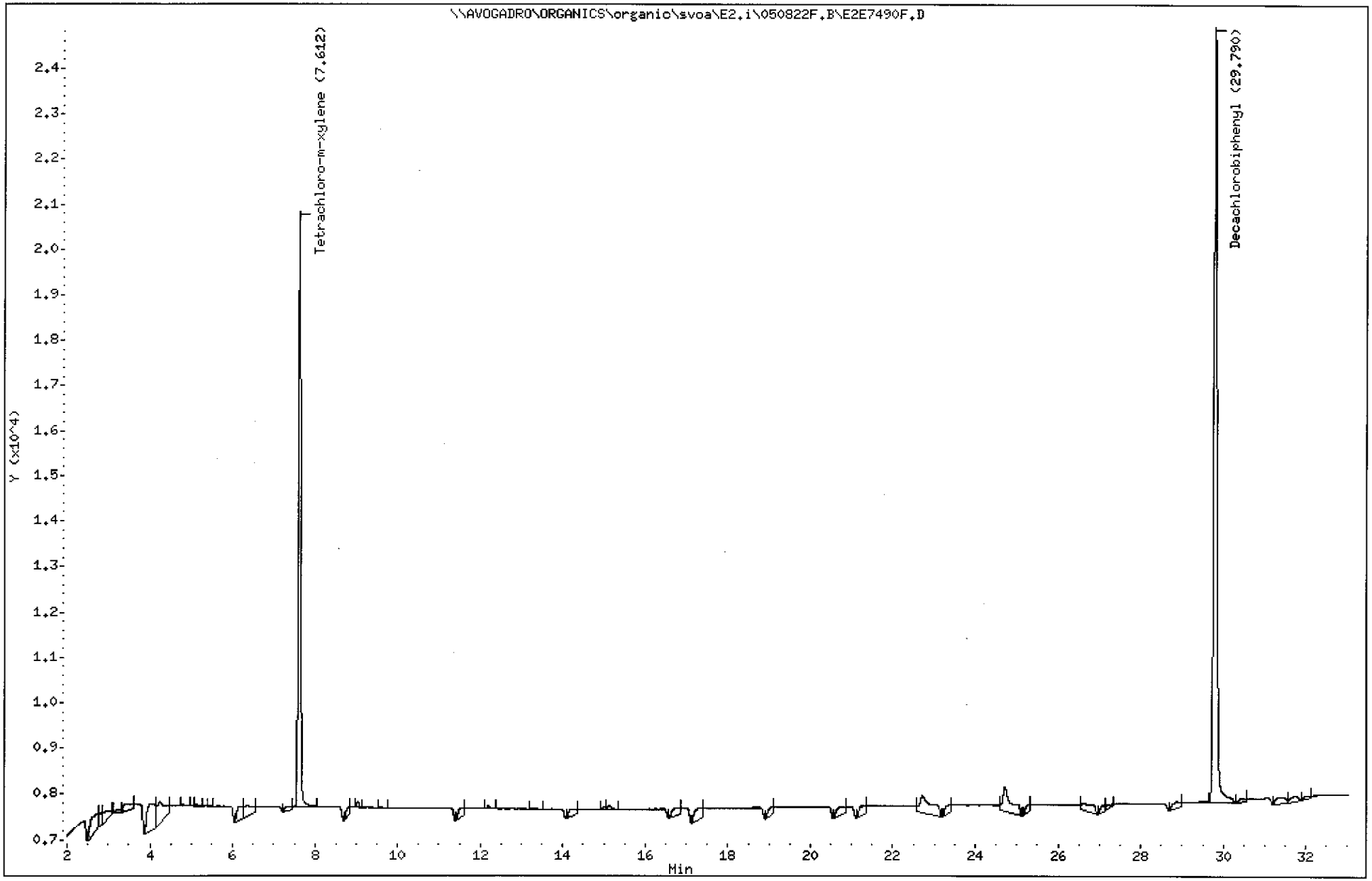
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

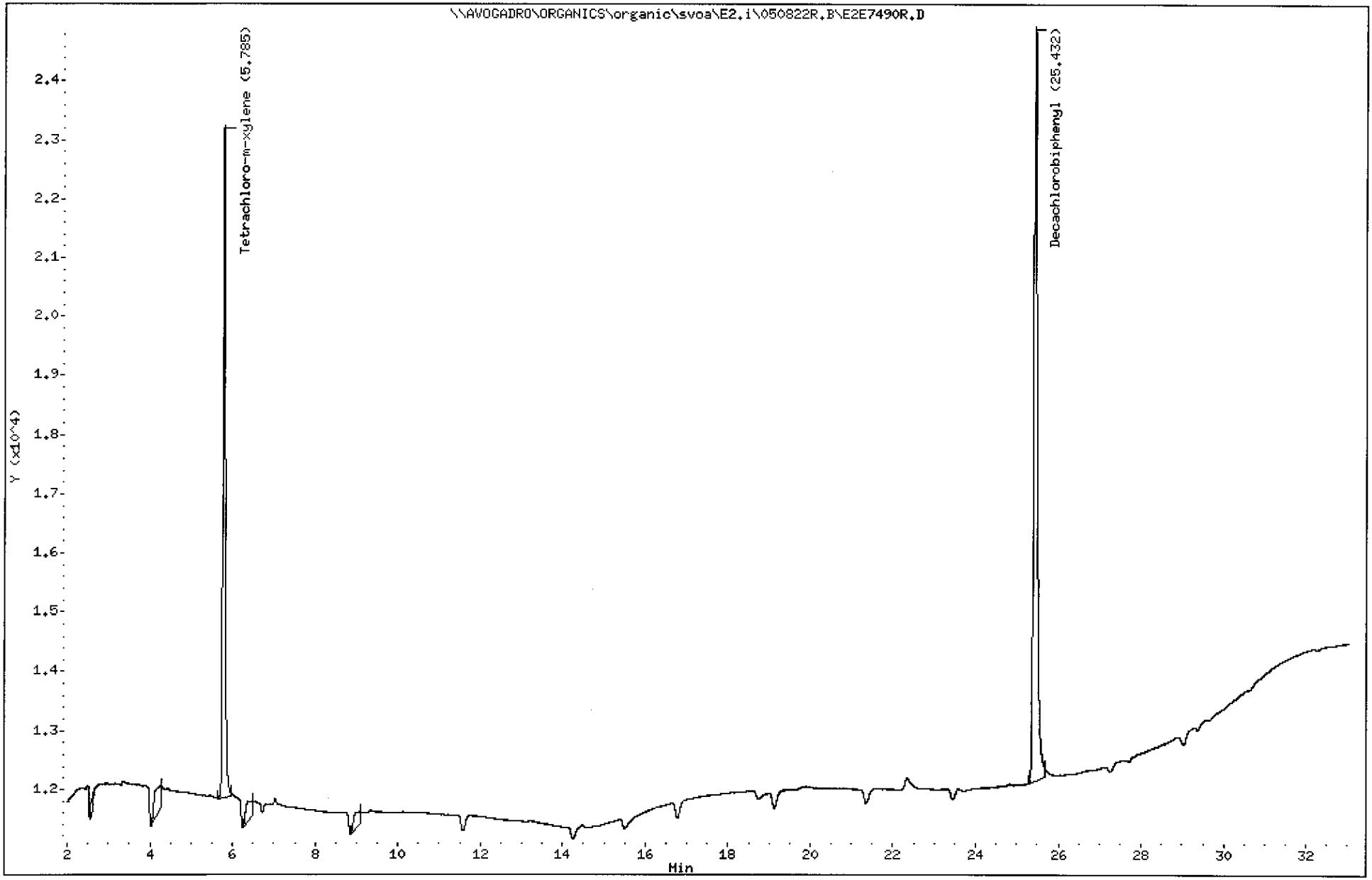
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	Q	
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050822F.B\E2E7490F.D
Date : 23-AUG-2005 09:13
Client ID: PIBLKEJ
Instrument: E2.i
Sample Info: PIBLKEJ,PIBLKIJ,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050822R.B\E2E7490R.D
Date : 23-AUG-2005 09:13
Client ID: PIBLKEJ
Instrument: E2.i
Sample Info: PIBLKEJ,PIBLKIJ,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7490F.D
Report Date: 30-Aug-2005 14:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050822F.B\E2E7490F.D
Lab Smp Id: PIBLKEJ Client Smp ID: PIBLKEJ
Inj Date : 23-AUG-2005 09:13
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PIBLKEJ,PIBLKIJ,,
Misc Info : 3,,INSTBLANK,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050822F.B\clp-1262e4f.m
Meth Date : 23-Aug-2005 11:28 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.61	7.59	0.020	51046	0.02250	0.22		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	92637	0.02382	0.24		

KL
8/30/08

Data File: E2E7490R.D
Report Date: 30-Aug-2005 14:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050822R.B\E2E7490R.D
Lab Smp Id: PIBLKEJ Client Smp ID: PIBLKEJ
Inj Date : 23-AUG-2005 09:13
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PIBLKEJ,PIBLKIJ,,
Misc Info : 3,,INSTBLANK,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050822R.B\clp1262-e2r.m
Meth Date : 23-Aug-2005 08:57 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.79	5.77	0.020	45372	0.02255	0.23		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
25.4	25.4	0.000	78211	0.02163	0.22		

KU
8/30/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEK

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7500F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/23/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEK

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7500R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/23/05

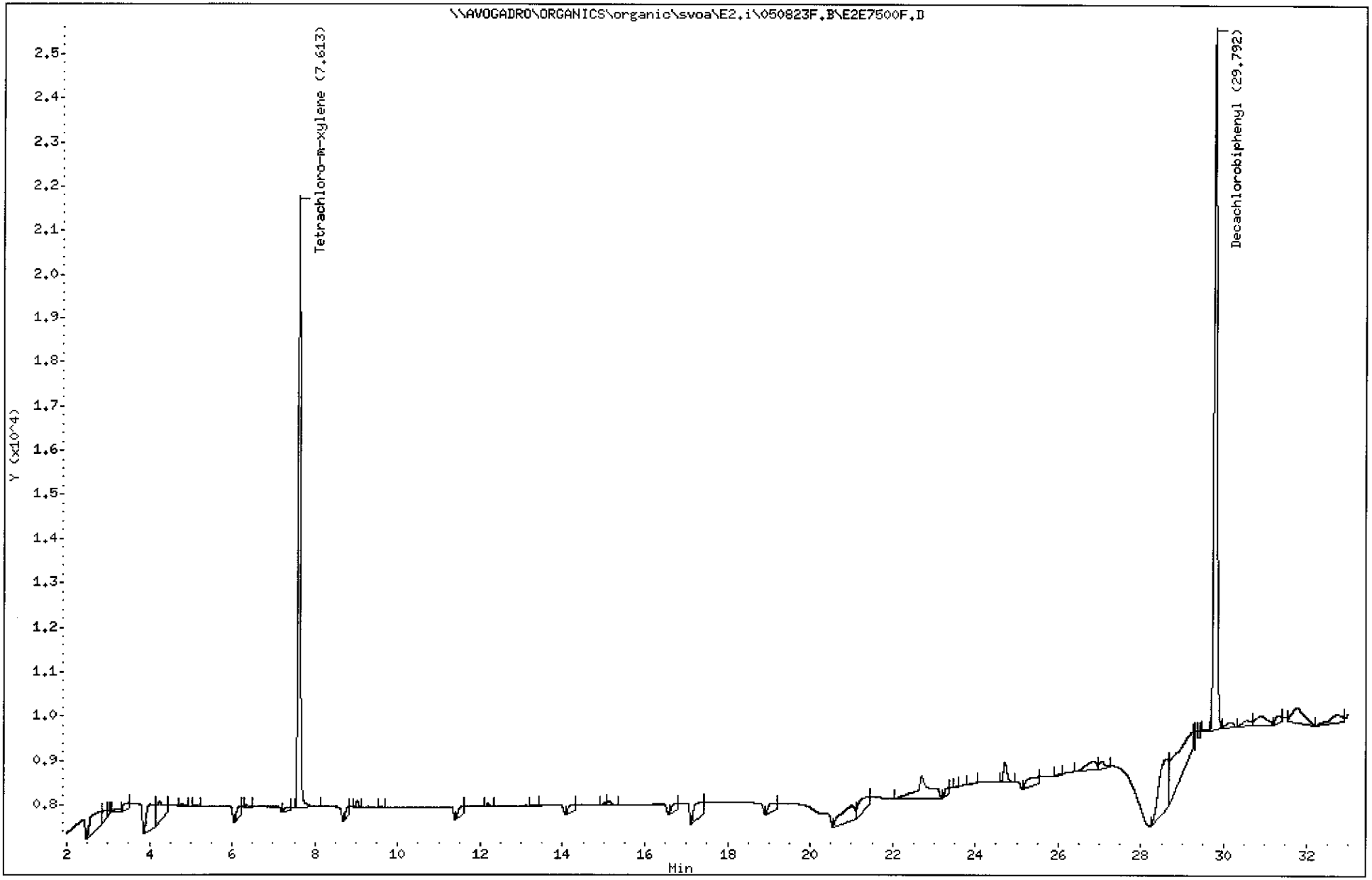
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

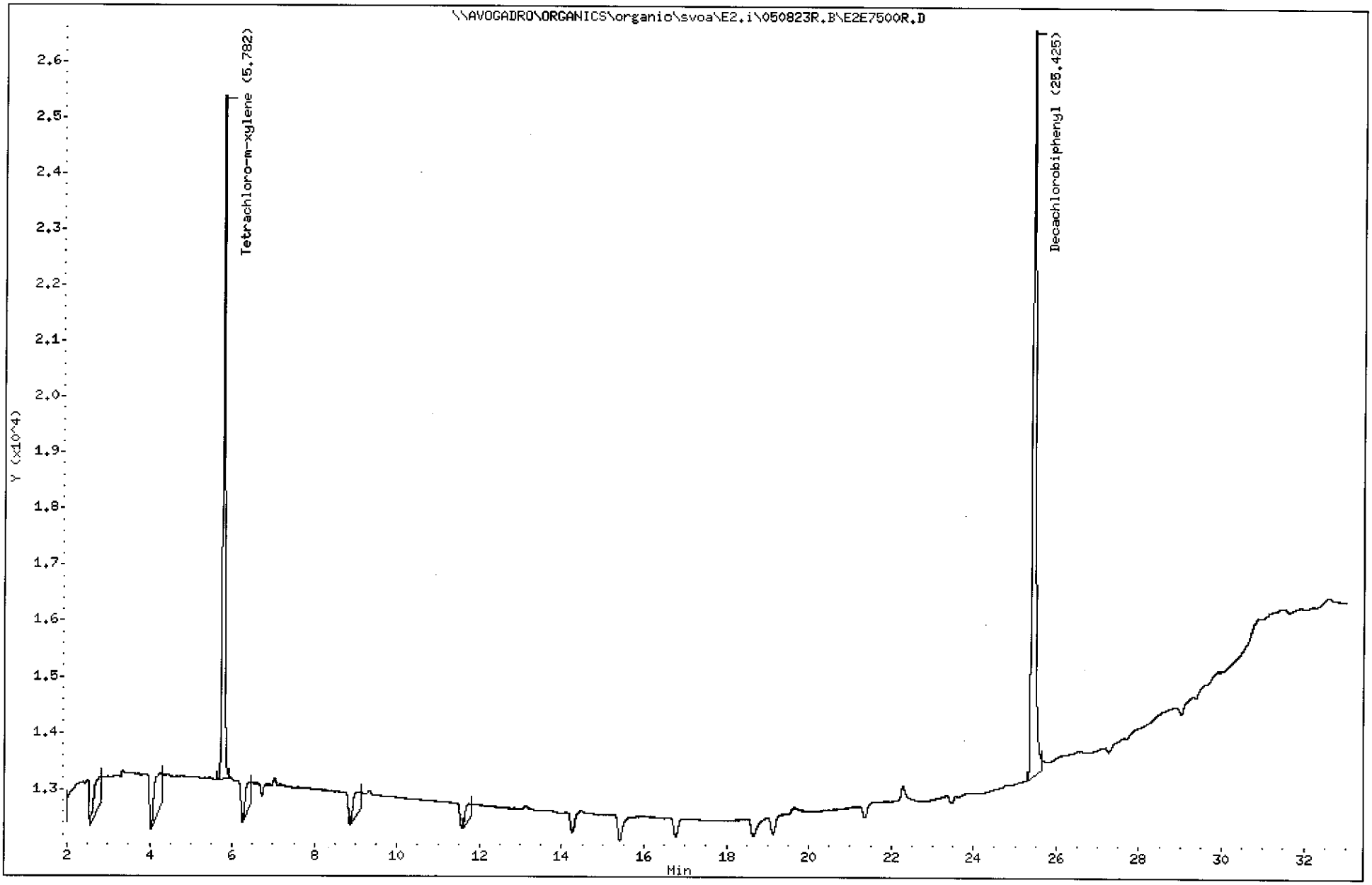
CAS NO.	COMPOUND	Q
319-84-6	alpha-BHC	0.050 U
319-85-7	beta-BHC	0.050 U
319-86-8	delta-BHC	0.050 U
58-89-9	gamma-BHC (Lindane)	0.050 U
76-44-8	Heptachlor	0.050 U
309-00-2	Aldrin	0.050 U
1024-57-3	Heptachlor epoxide	0.050 U
959-98-8	Endosulfan I	0.050 U
60-57-1	Dieldrin	0.10 U
72-55-9	4,4'-DDE	0.10 U
72-20-8	Endrin	0.10 U
33213-65-9	Endosulfan II	0.10 U
72-54-8	4,4'-DDD	0.10 U
1031-07-8	Endosulfan sulfate	0.10 U
50-29-3	4,4'-DDT	0.10 U
72-43-5	Methoxychlor	0.50 U
53494-70-5	Endrin ketone	0.10 U
7421-93-4	Endrin aldehyde	0.10 U
5103-71-9	alpha-Chlordane	0.050 U
5103-74-2	gamma-Chlordane	0.050 U
8001-35-2	Toxaphene	5.0 U
12674-11-2	Aroclor-1016	1.0 U
11104-28-2	Aroclor-1221	2.0 U
11141-16-5	Aroclor-1232	1.0 U
53469-21-9	Aroclor-1242	1.0 U
12672-29-6	Aroclor-1248	1.0 U
11097-69-1	Aroclor-1254	1.0 U
11096-82-5	Aroclor-1260	1.0 U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7500F.D
Date : 23-AUG-2005 15:49
Client ID: PIBLKEK
Instrument: E2.i
Sample Info: PIBLKEK,PIBLKEK,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



2393

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7500R.D
Date : 23-AUG-2005 15:49
Client ID: PIBLKEK
Instrument: E2.i
Sample Info: PIBLKEK,PIBLKEK,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



2364

Data File: E2E7500F.D
Report Date: 30-Aug-2005 14:17

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7500F.D
Lab Smp Id: PIBLKEK Client Smp ID: PIBLKEK
Inj Date : 23-AUG-2005 15:49
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PIBLKEK,PIBLKEK,,
Misc Info : 3,,INSTBLANK,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 13:27 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.61	7.59	0.020	53093	0.02340	0.23		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	80609	0.02073	0.21		

KL
8/30/05

Data File: E2E7500R.D
Report Date: 30-Aug-2005 14:17

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7500R.D
Lab Smp Id: PIBLKEK Client Smp ID: PIBLKEK
Inj Date : 23-AUG-2005 15:49
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PIBLKEK,PIBLKEK,,
Misc Info : 3,,INSTBLANK,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\clp1262-e2r.m
Meth Date : 24-Aug-2005 09:30 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.78	5.77	0.010	45684	0.02271	0.23		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
25.4	25.4	0.000	77110	0.02132	0.21		

KC
8/30/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKDK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKDK

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7514F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKDK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKDK

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7514R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/24/05

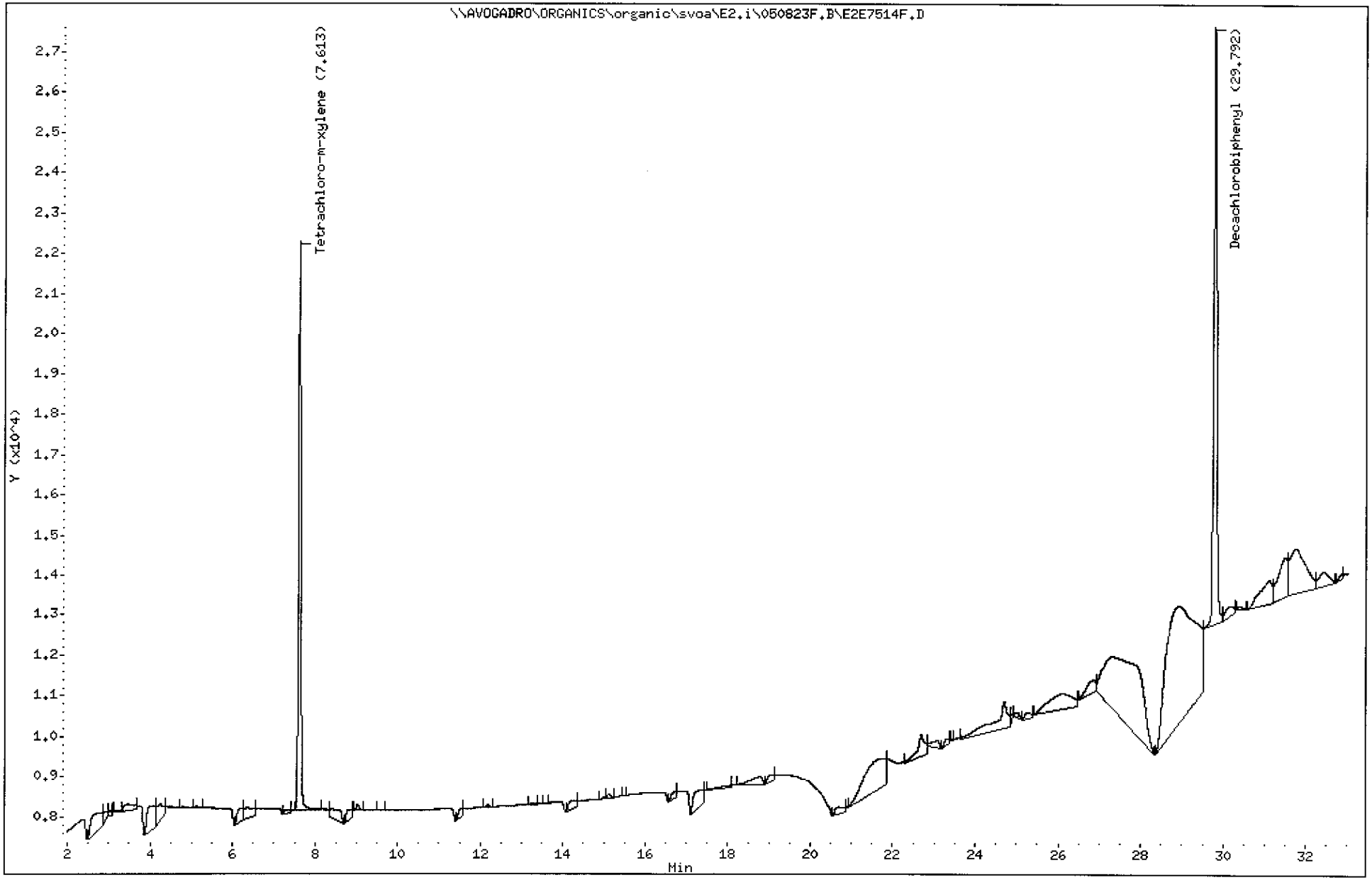
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7514F.D
Date : 24-AUG-2005 00:59
Client ID: ~~PIBLKEK~~ PIBLKDK KC 8/24/05
Sample Info: P~~IBLKEK,PIBLKEK~~,,
Volume Injected (uL): 1.0
Column phase: CLPPest

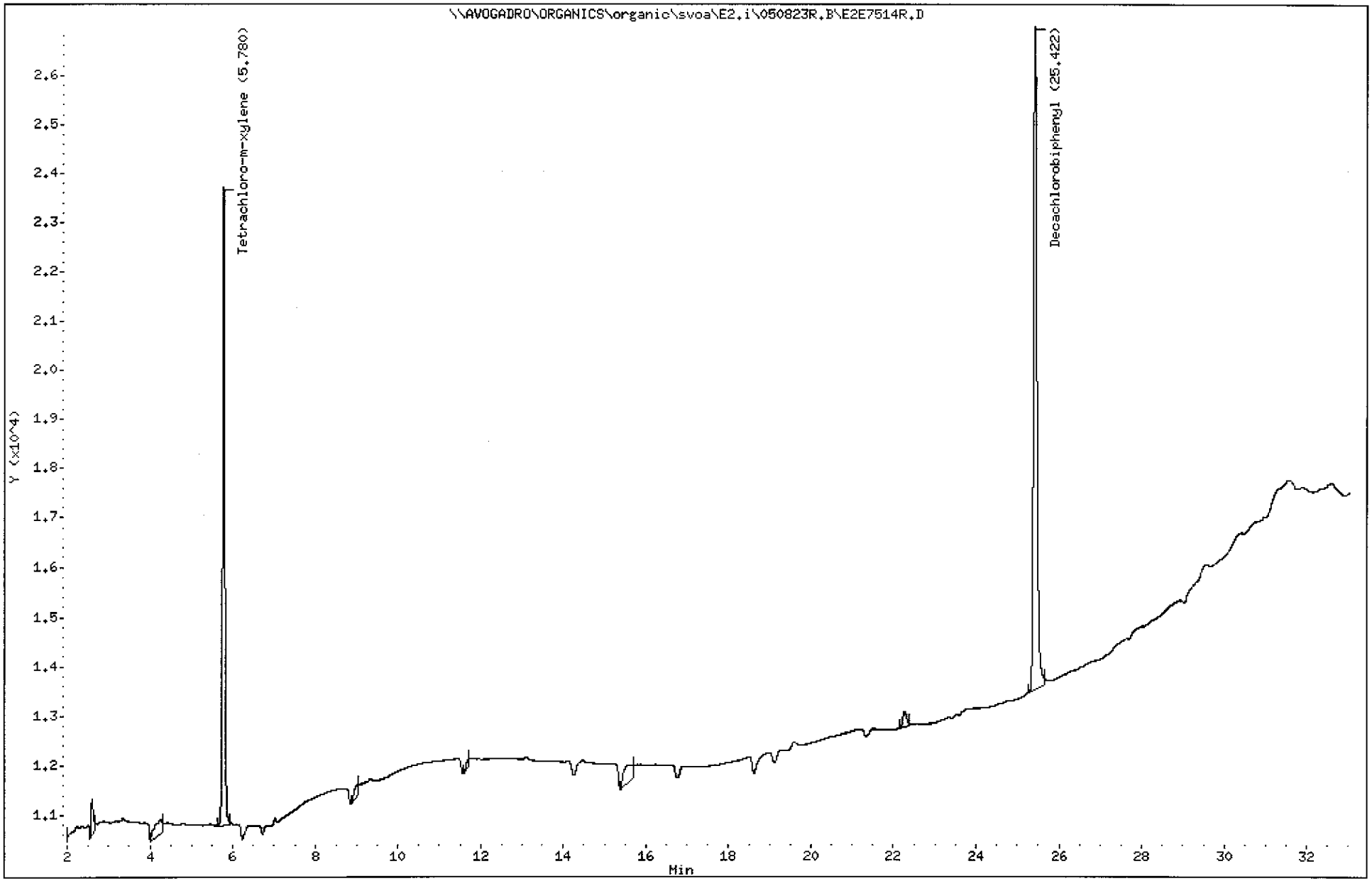
Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



2369

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7514R.D
Date : 24-AUG-2005 00:59
Client ID: ~~PIBLKEK~~ PIBLKDK KC 8/8-1/17
Sample Info: ~~PIBLKEK,PIBLKEK~~,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



2270

Data File: E2E7514F.D
Report Date: 30-Aug-2005 13:38

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7514F.D
Lab Smp Id: ~~PIBLKEK~~ Client Smp ID: ~~PIBLKEK~~ PIBLKDK KC 8/31/05
Inj Date : 24-AUG-2005 00:59
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : ~~PIBLKEK,PIBLKEK~~,,
Misc Info : 3,,INSTBLANK,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 13:27 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			CONCENTRATIONS				
				ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.61	7.59	0.020	54240	0.02390	0.24		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	77341	0.01989	0.20		

KC 8/30/05

Data File: E2E7514R.D
Report Date: 30-Aug-2005 13:39

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7514R.D
Lab Smp Id: ~~PIBLKE~~K Client Smp ID: ~~PIBLKE~~K
Inj Date : 24-AUG-2005 00:59
Operator : SZ SRC: SZ Inst ID: E2.i PIBLKDK KC 8/31/05
Smp Info : ~~PIBLKEK,PIBLKEK~~,,
Misc Info : 3,,INSTBLANK,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\clp1262-e2r.m
Meth Date : 24-Aug-2005 09:30 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			CONCENTRATIONS			
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.78	5.77	0.010	48385	0.02405	0.24		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
25.4	25.4	0.000	76566	0.02117	0.21		

KC
8/31/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKDL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKDL

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7522F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	Q
319-84-6	alpha-BHC	0.050 U
319-85-7	beta-BHC	0.050 U
319-86-8	delta-BHC	0.050 U
58-89-9	gamma-BHC (Lindane)	0.050 U
76-44-8	Heptachlor	0.050 U
309-00-2	Aldrin	0.050 U
1024-57-3	Heptachlor epoxide	0.050 U
959-98-8	Endosulfan I	0.050 U
60-57-1	Dieldrin	0.10 U
72-55-9	4,4'-DDE	0.10 U
72-20-8	Endrin	0.10 U
33213-65-9	Endosulfan II	0.10 U
72-54-8	4,4'-DDD	0.10 U
1031-07-8	Endosulfan sulfate	0.10 U
50-29-3	4,4'-DDT	0.10 U
72-43-5	Methoxychlor	0.50 U
53494-70-5	Endrin ketone	0.10 U
7421-93-4	Endrin aldehyde	0.10 U
5103-71-9	alpha-Chlordane	0.050 U
5103-74-2	gamma-Chlordane	0.050 U
8001-35-2	Toxaphene	5.0 U
12674-11-2	Aroclor-1016	1.0 U
11104-28-2	Aroclor-1221	2.0 U
11141-16-5	Aroclor-1232	1.0 U
53469-21-9	Aroclor-1242	1.0 U
12672-29-6	Aroclor-1248	1.0 U
11097-69-1	Aroclor-1254	1.0 U
11096-82-5	Aroclor-1260	1.0 U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKDL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKDL

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7522R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

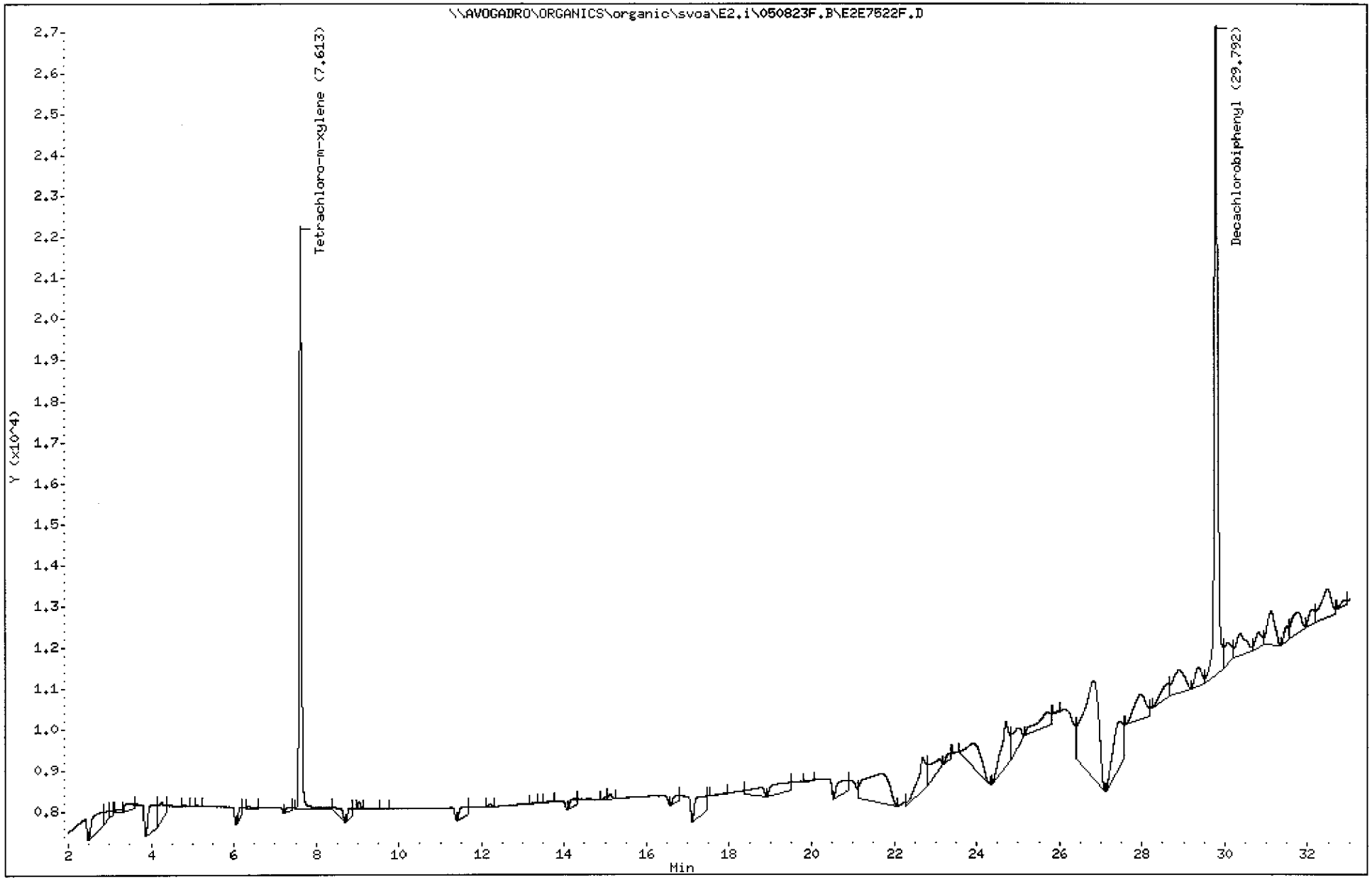
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	Q	
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7522F.D
Date : 24-AUG-2005 05:49
Client ID: ~~PIBLKEK~~ PIBLKDL
Sample Info: ~~PIBLKEK,PIBLKEK~~,,
Volume Injected (uL): 1.0
Column phase: CLPPest

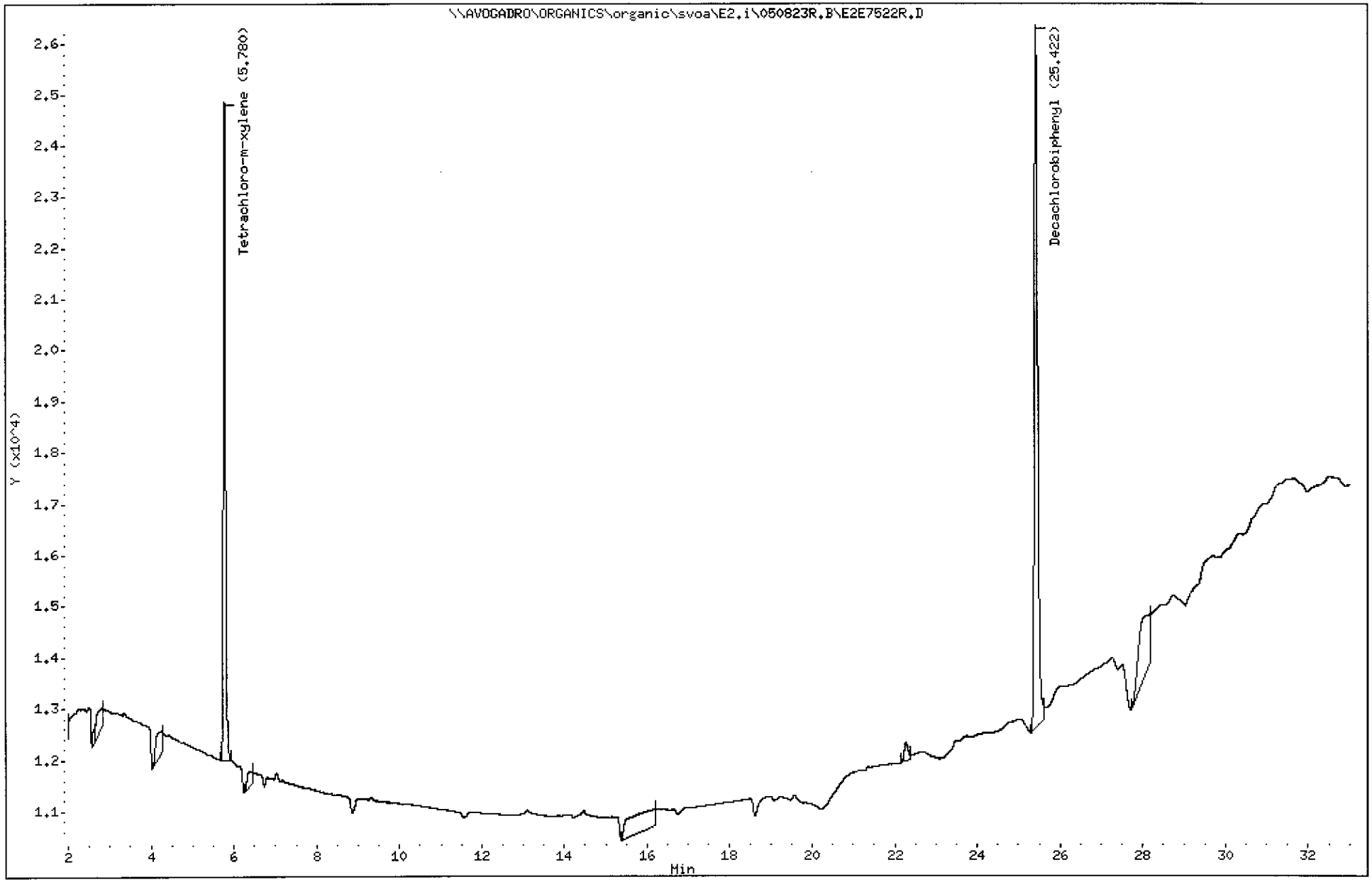
KL 8/3/11

Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7522R.D
Date : 24-AUG-2005 05:49
Client ID: ~~PIBLKEK~~ PIBLKDL KL 8/30/05
Sample Info: ~~PIBLKEK,PIBLKEK,,~~
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E2.i
Operator: SZ SRC: SZ
Column diameter: 0.53



2376

Data File: E2E7522F.D
Report Date: 30-Aug-2005 13:39

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\E2E7522F.D
Lab Smp Id: ~~PIBLKEK~~ Client Smp ID: ~~PIBLKEK~~
Inj Date : 24-AUG-2005 05:49
Operator : SZ SRC: SZ Inst ID: E2.i PIBLKDL KL 8/3/05
Smp Info : ~~PIBLKEK,PIBLKE~~K,,
Misc Info : 3,,INSTBLANK,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 13:27 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.61	7.59	0.020	55069	0.02427	0.24		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
29.8	29.8	0.000	90864	0.02336	0.23		

KL 8/3/05

Data File: E2E7522R.D
Report Date: 30-Aug-2005 13:40

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\E2E7522R.D
Lab Smp Id: ~~PIBLKEK~~ Client Smp ID: ~~PIBLKEK~~
Inj Date : 24-AUG-2005 05:49
Operator : SZ SRC: SZ Inst ID: E2.i PIBLKDL KC 8/31/05
Smp Info : ~~PIBLKEK,PIBLKEK~~,,
Misc Info : 3,,INSTBLANK,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050823R.B\clp1262-e2r.m
Meth Date : 24-Aug-2005 09:30 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	============	=====
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.78	5.77	0.010	47566	0.02365	0.24		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
25.4	25.4	0.000	77489	0.02143	0.21		

KC 8/31/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEL

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7525F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEL

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7525R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

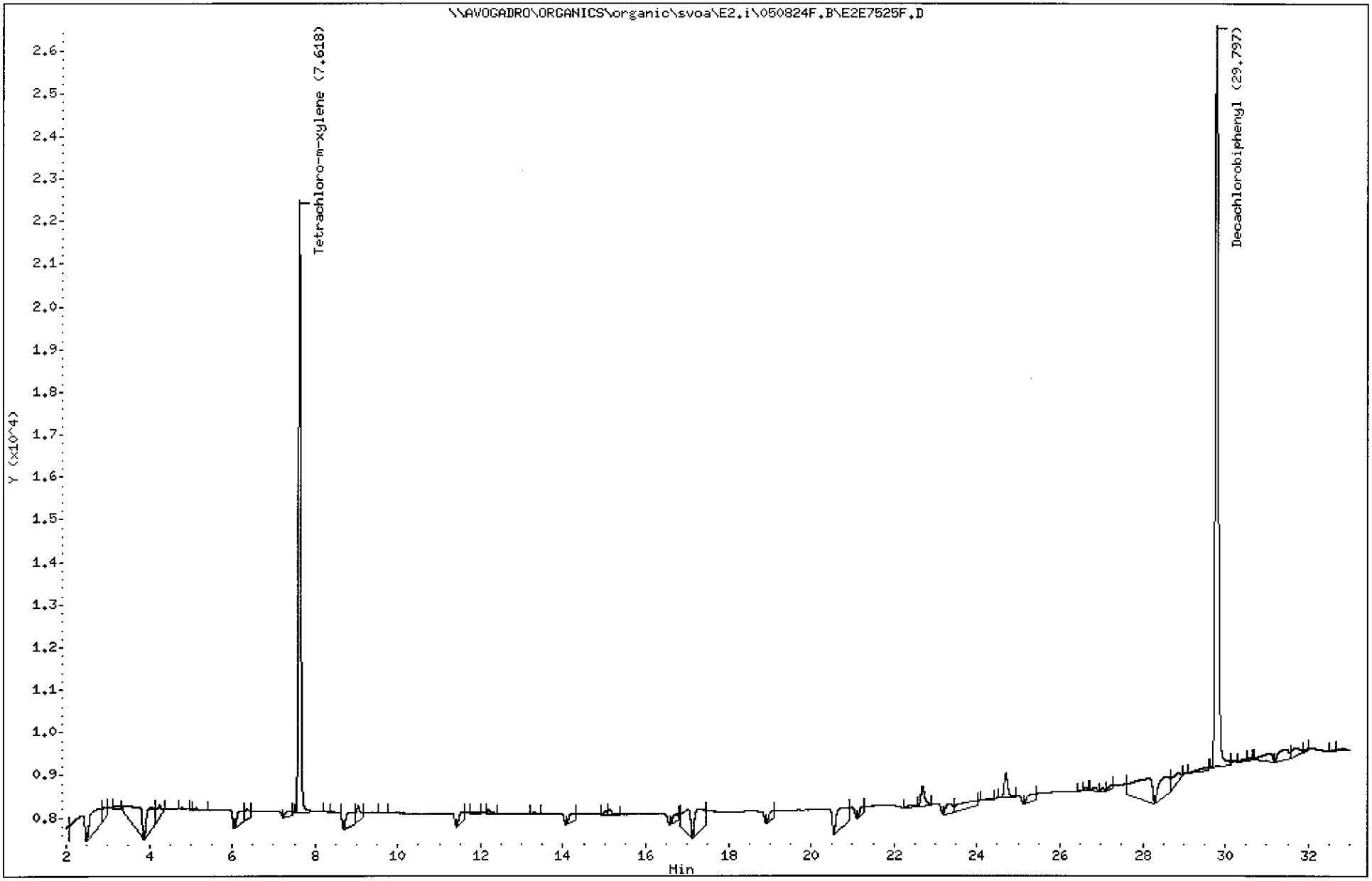
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

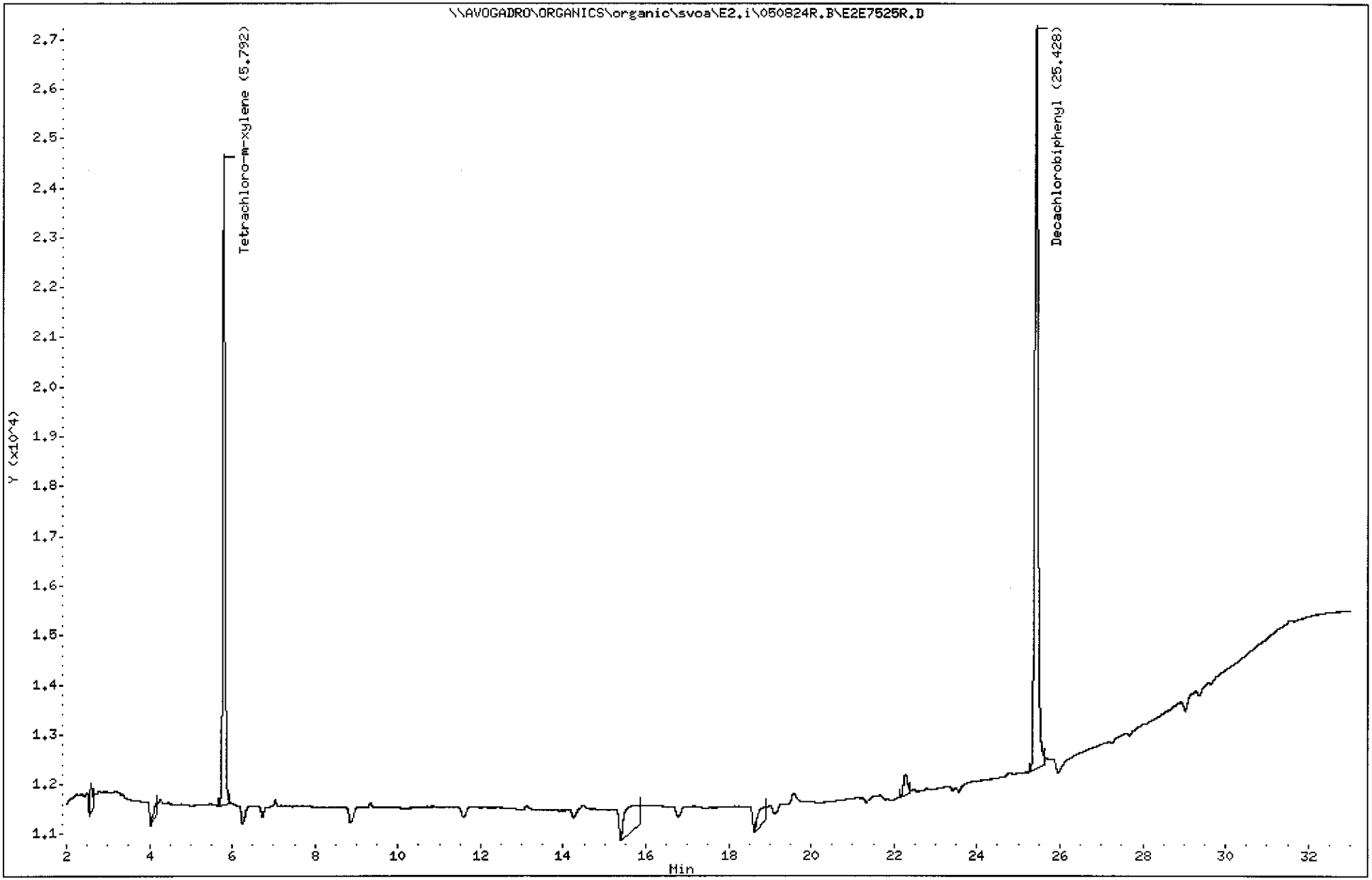
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7525F.D
Date : 24-AUG-2005 10:36
Client ID: PIBLKEL
Instrument: E2.i
Sample Info: PIBLKEL,PIBLKEL,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7525R.D
Date : 24-AUG-2005 10:36
Client ID: PIBLKEL
Instrument: E2.i
Sample Info: PIBLKEL,PIBLKEL,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7525F.D
Report Date: 29-Aug-2005 13:48

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7525F.D
Lab Smp Id: PIBLKEL Client Smp ID: PIBLKEL
Inj Date : 24-AUG-2005 10:36
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PIBLKEL,PIBLKEL,,
Misc Info : 3,,INSTBLANK,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET10

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.62	7.59	0.030	54954	0.02422	0.24		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	89897	0.02312	0.23		

KL
8/30/05

Data File: E2E7525R.D
Report Date: 29-Aug-2005 13:49

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7525R.D
Lab Smp Id: PIBLKEL Client Smp ID: PIBLKEL
Inj Date : 24-AUG-2005 10:36
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PIBLKEL,PIBLKEL,,
Misc Info : 3,,INSTBLANK,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.79	5.77	0.020	48796	0.02426	0.24		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	84165	0.02328	0.23		

KC
8/30/N

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEM

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEM

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7536F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEM

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEM

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7536R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

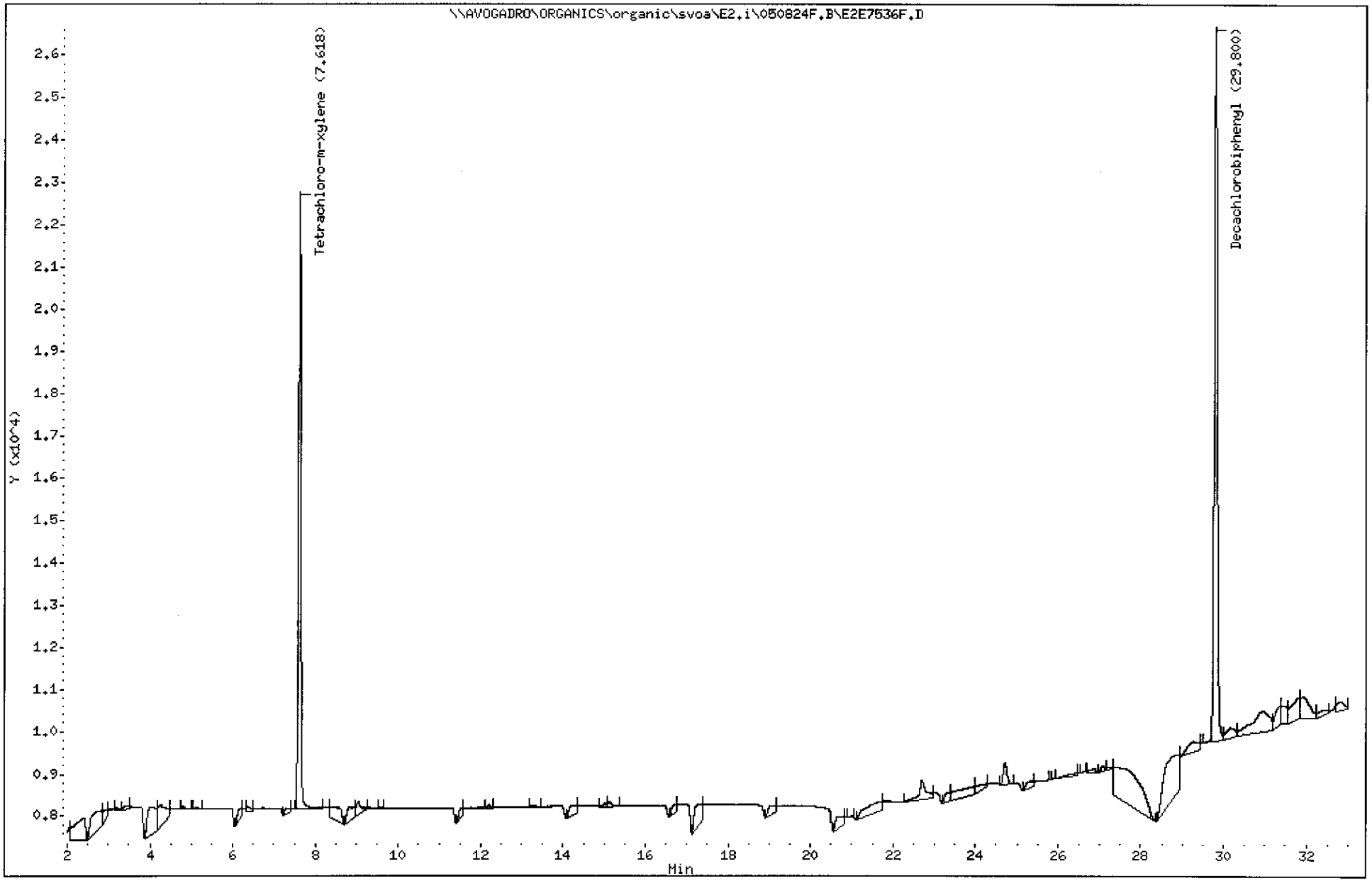
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/24/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

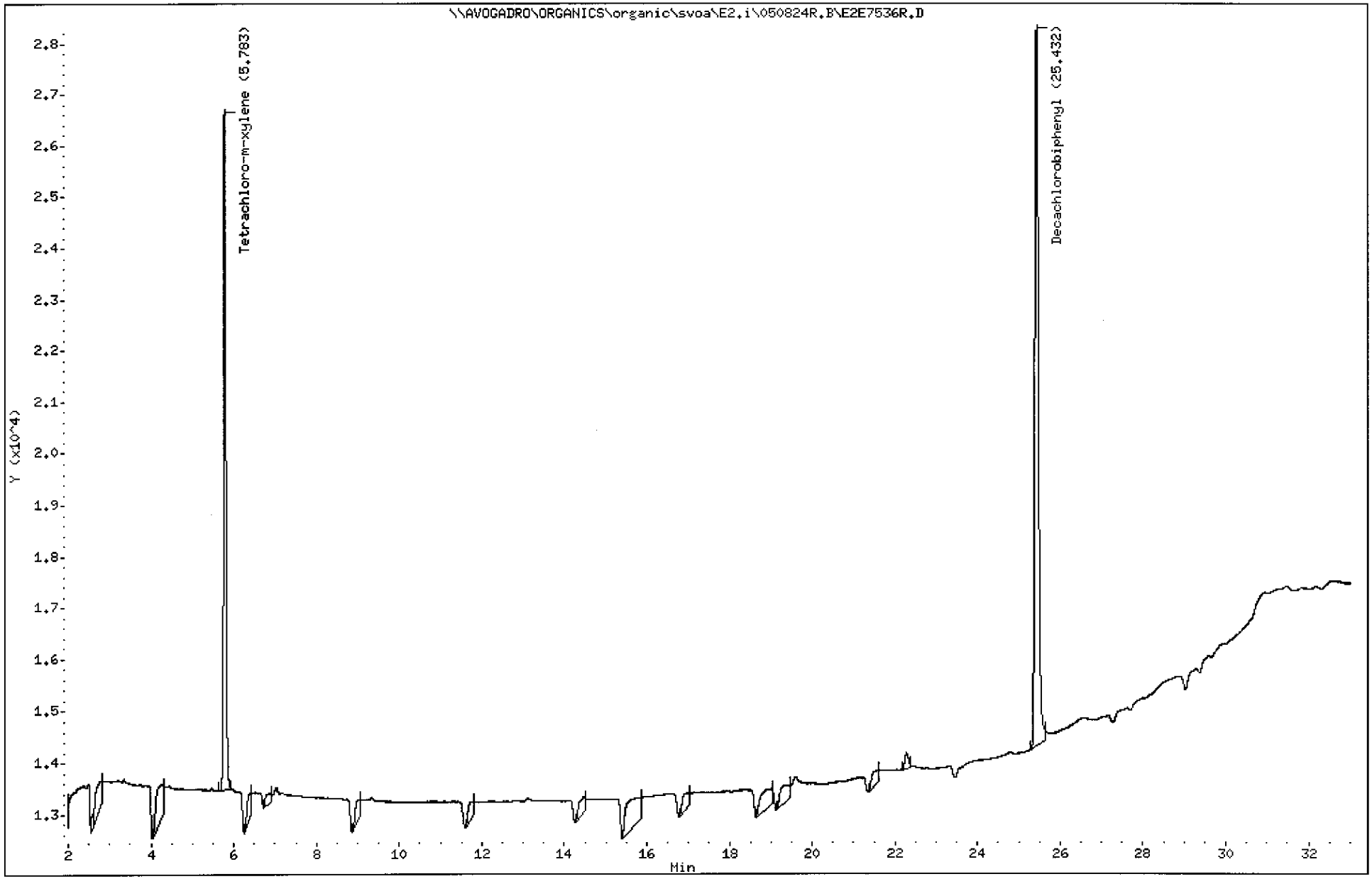
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7536F.D
Date : 24-AUG-2005 17:27
Client ID: PIBLKEM
Instrument: E2.i
Sample Info: PIBLKEM,PIBLKEM,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7536R.D
Date : 24-AUG-2005 17:27
Client ID: PIBLKEM
Instrument: E2.i
Sample Info: PIBLKEM,PIBLKEM,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7536F.D
Report Date: 29-Aug-2005 15:35

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7536F.D
Lab Smp Id: PIBLKEM Client Smp ID: PIBLKEM
Inj Date : 24-AUG-2005 17:27
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PIBLKEM,PIBLKEM,,
Misc Info : 3,,INSTBLANK,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.62	7.59	0.030	56146	0.02474	0.25		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	86885	0.02234	0.22		

KL 8/30/05

Data File: E2E7536R.D
Report Date: 29-Aug-2005 15:35

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7536R.D
Lab Smp Id: PIBLKEM Client Smp ID: PIBLKEM
Inj Date : 24-AUG-2005 17:27
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PIBLKEM,PIBLKEM,,
Misc Info : 3,,INSTBLANK,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.78	5.77	0.010	49297	0.02451	0.25		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	79721	0.02205	0.22		

KC
8/31/05

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLKEN

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEN

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7550F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEN

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEN

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7550R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

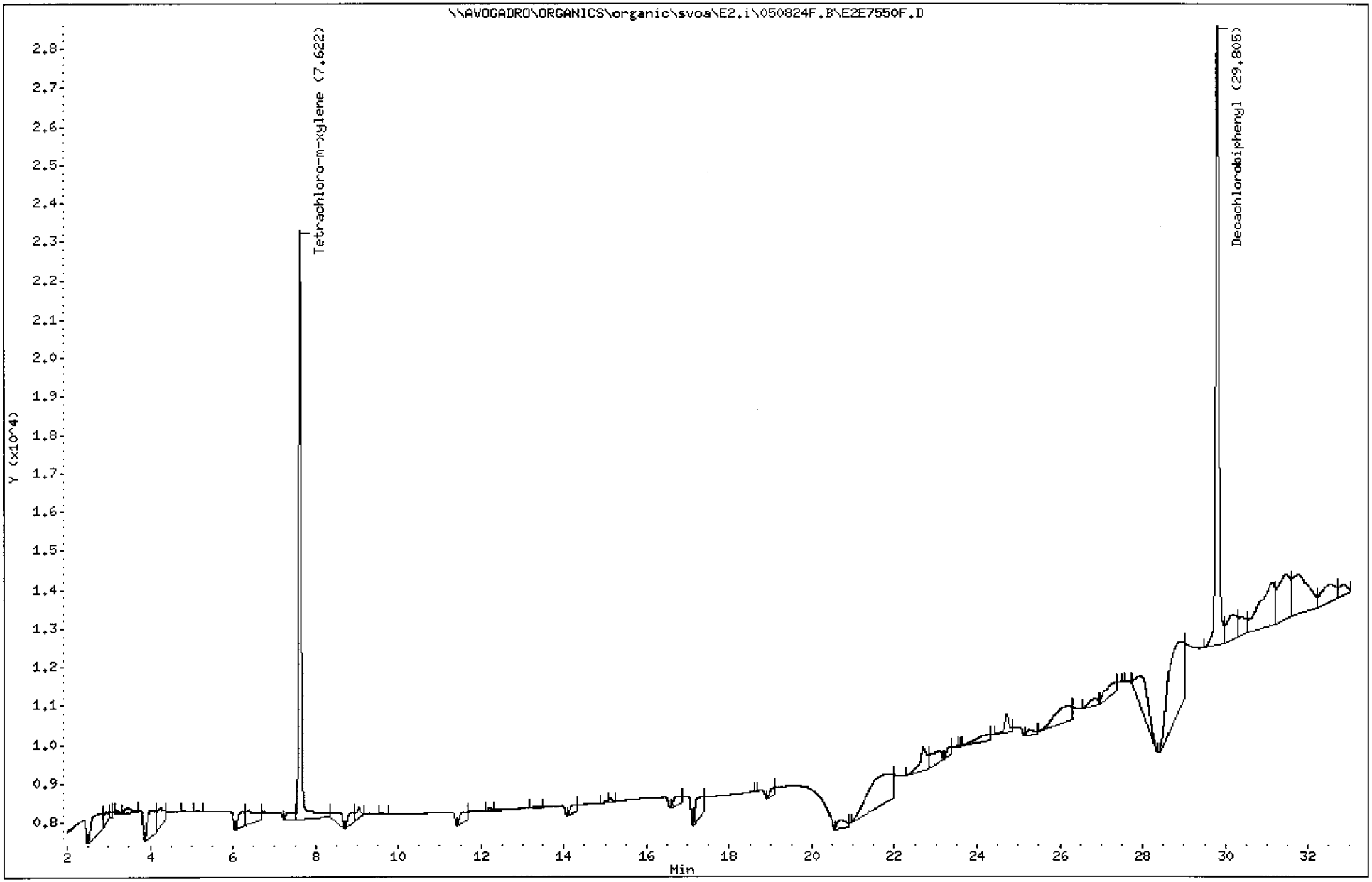
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

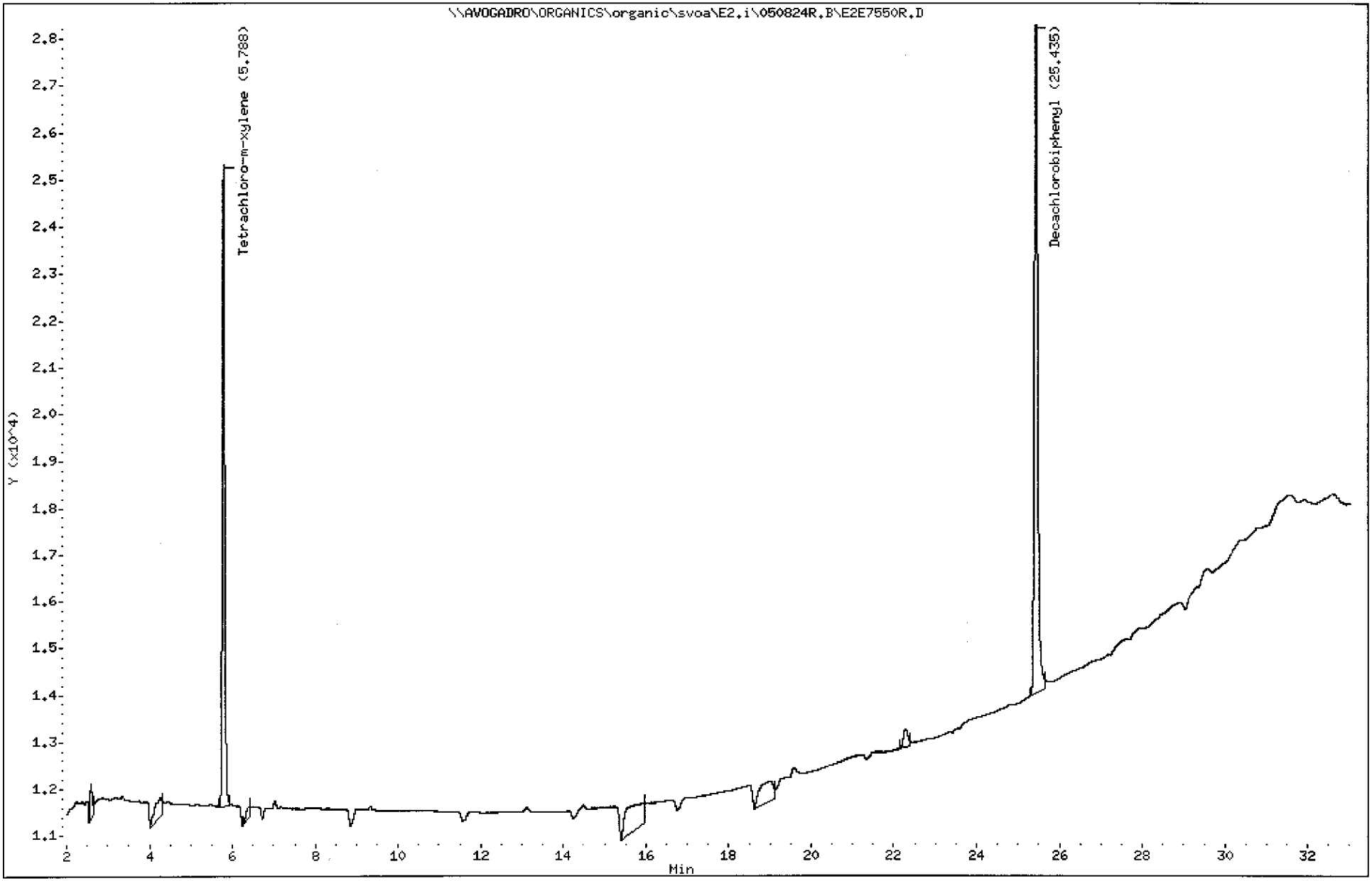
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7550F.D
Date : 25-AUG-2005 01:54
Client ID: PIBLKEN
Instrument: E2.i
Sample Info: PIBLKEN,PIBLKEN,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7550R.D
Date : 25-AUG-2005 01:54
Client ID: PIBLKEN
Instrument: E2.i
Sample Info: PIBLKEN,PIBLKEN,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7550F.D
Report Date: 29-Aug-2005 16:17

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7550F.D
Lab Smp Id: PIBLKEN Client Smp ID: PIBLKEN
Inj Date : 25-AUG-2005 01:54
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PIBLKEN,PIBLKEN,,
Misc Info : 3,,INSTBLANK,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
7.62	7.59	0.030	65005	0.02865	0.29		
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
29.8	29.8	0.000	87577	0.02252	0.23		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		

KL 8/31/05

Data File: E2E7550R.D
Report Date: 29-Aug-2005 16:18

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7550R.D
Lab Smp Id: PIBLKEN Client Smp ID: PIBLKEN
Inj Date : 25-AUG-2005 01:54
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PIBLKEN,PIBLKEN,,
Misc Info : 3,,INSTBLANK,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.79	5.77	0.020	51395	0.02555	0.26		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
25.4	25.4	0.000	81048	0.02241	0.22		

KL 8/31/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEP

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEP

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7564F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEP

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEP

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7564R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

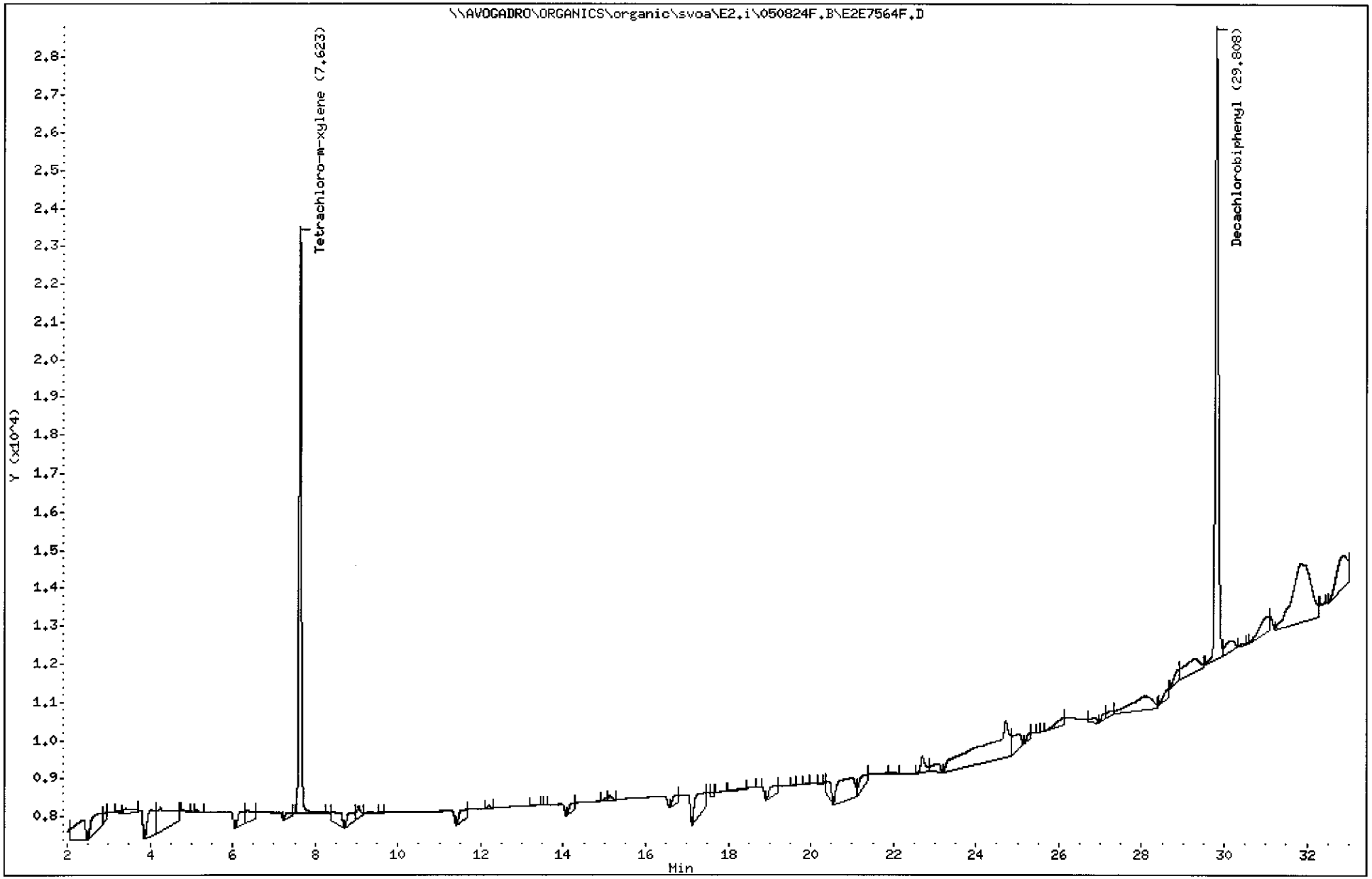
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7564F.D
Date : 25-AUG-2005 10:20
Client ID: PIBLKEP
Instrument: E2.i
Sample Info: PIBLKEP,PIBLKEP,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



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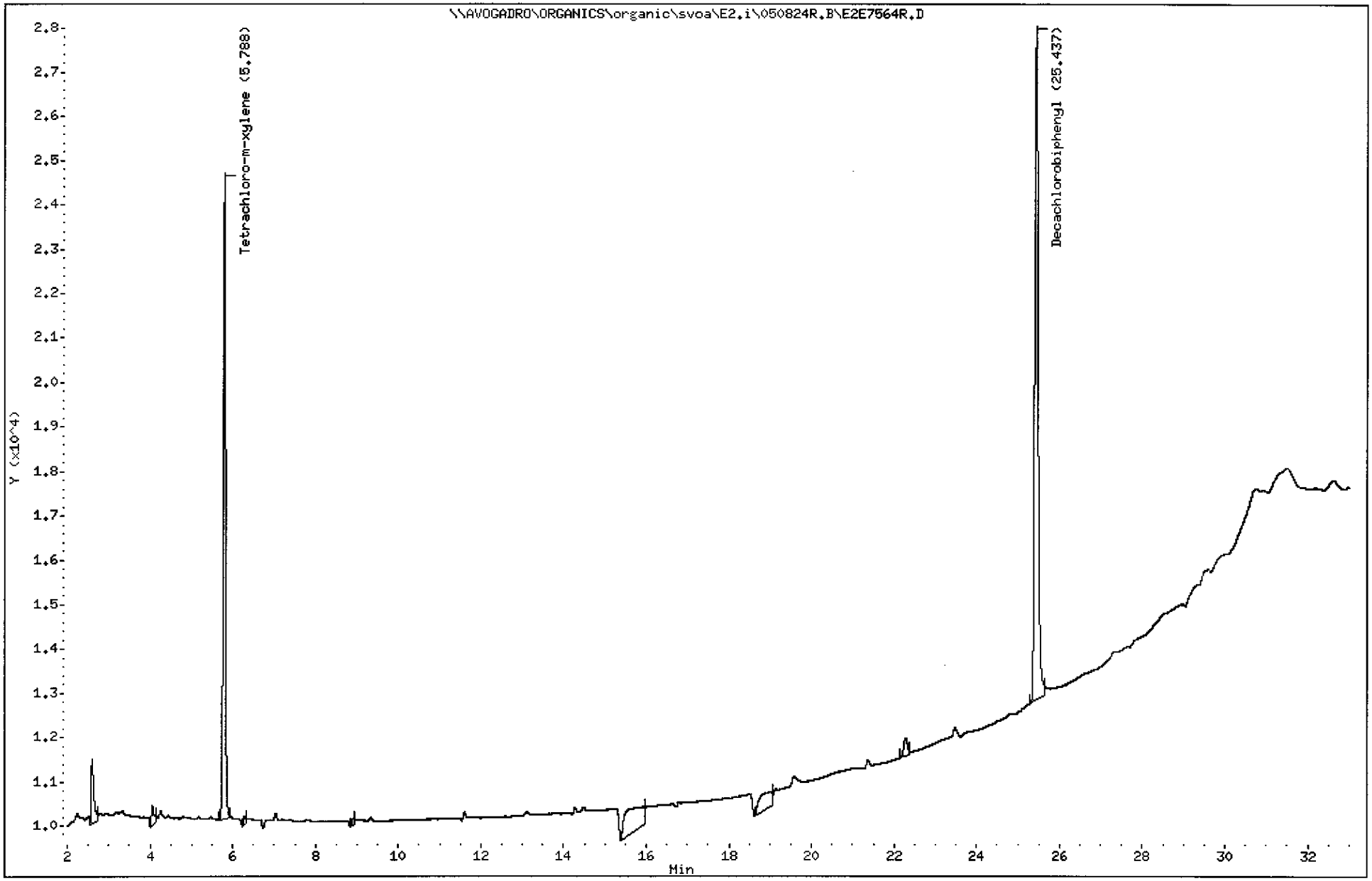
Date : 25-AUG-2005 10:20
Client ID: PIBLKEP
Instrument: E2.i
Sample Info: PIBLKEP,PIBLKEP,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7564F.D
Report Date: 30-Aug-2005 17:26

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7564F.D
Lab Smp Id: PIBLKEP Client Smp ID: PIBLKEP
Inj Date : 25-AUG-2005 10:20
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PIBLKEP,PIBLKEP,,
Misc Info : 3,,INSTBLANK,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 16:33 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.62	7.59	0.030	59158	0.02607	0.26		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	86353	0.02220	0.22		

KC
8/30/05

Data File: E2E7564R.D
Report Date: 30-Aug-2005 17:27

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7564R.D
Lab Smp Id: PIBLKEP Client Smp ID: PIBLKEP
Inj Date : 25-AUG-2005 10:20
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PIBLKEP,PIBLKEP,,
Misc Info : 3,,INSTBLANK,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 18:14 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.79	5.77	0.020	54519	0.02710	0.27		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	86915	0.02404	0.24		

KL
8/30/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEQ

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEQ

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7568F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKEQ

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKEQ

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7568R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

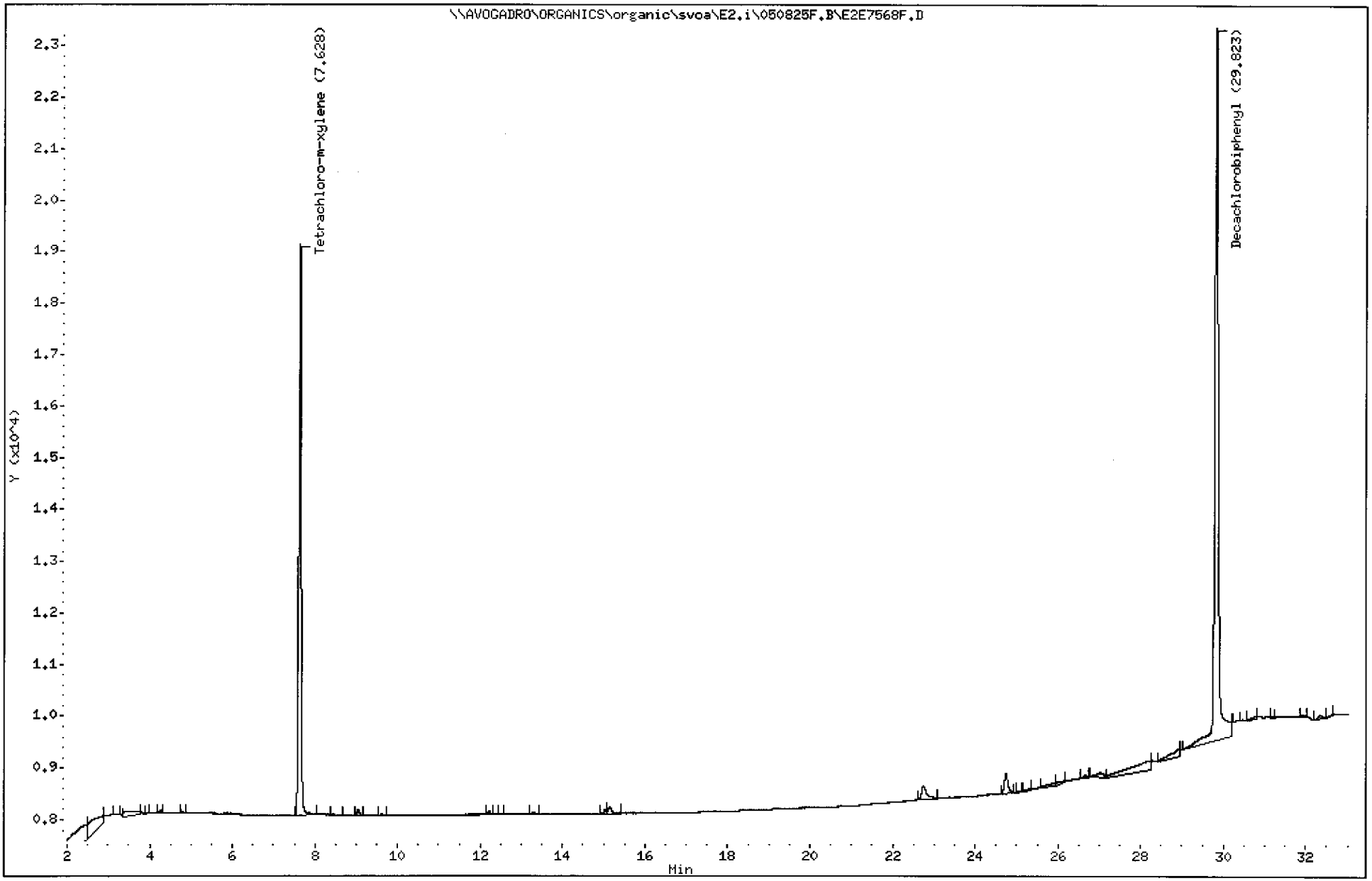
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

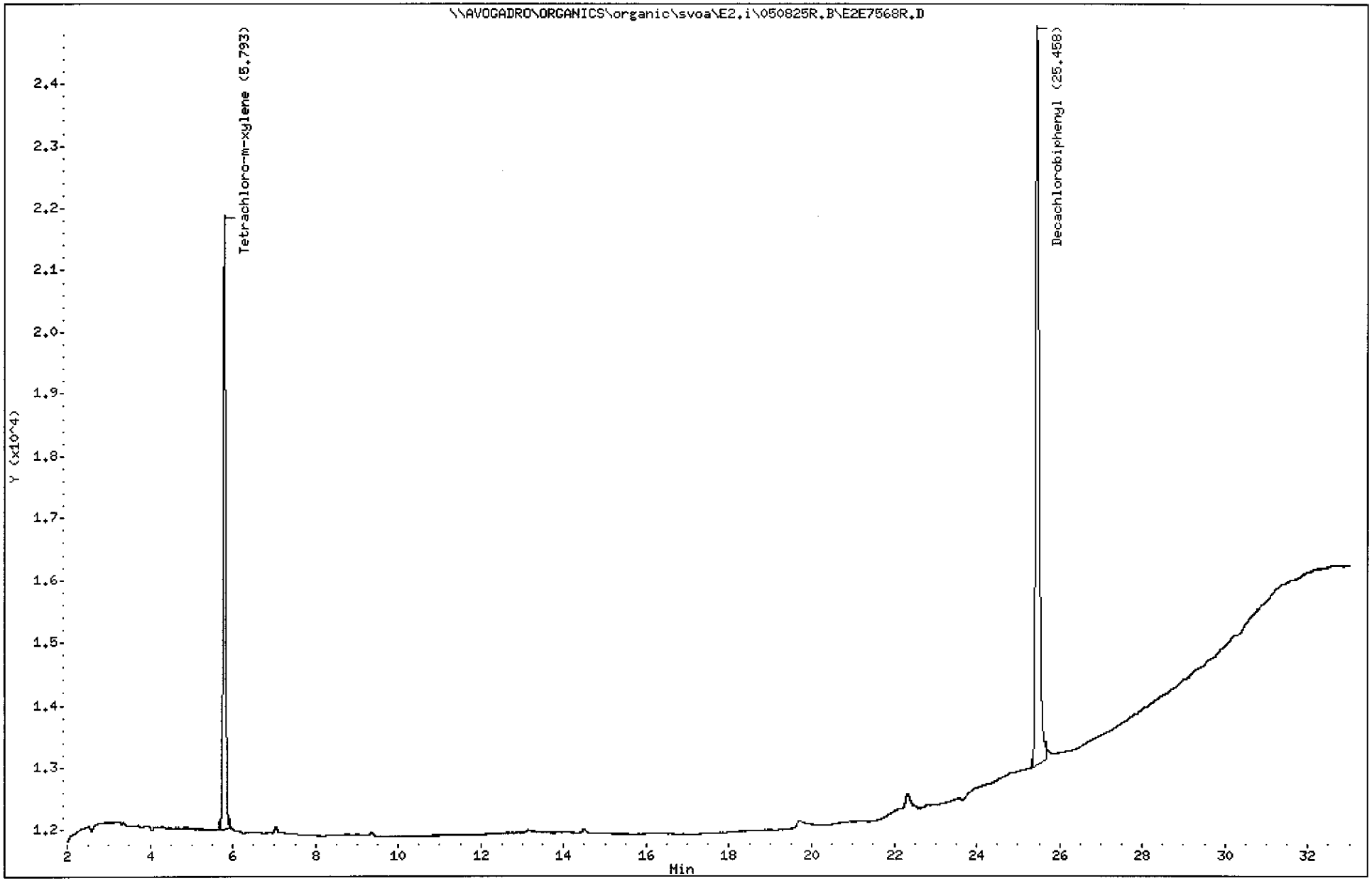
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\E2E7568F.D
Date : 25-AUG-2005 14:03
Client ID: PIBLKEQ
Instrument: E2.i
Sample Info: PIBLKEQ,PIBLKEQ,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\E2E7568R.D
Date : 25-AUG-2005 14:03
Client ID: PIBLKEQ
Instrument: E2.i
Sample Info: PIBLKEQ,PIBLKEQ,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



2406

Data File: E2E7568F.D
Report Date: 30-Aug-2005 17:31

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\E2E7568F.D
Lab Smp Id: PIBLKEQ Client Smp ID: PIBLKEQ
Inj Date : 25-AUG-2005 14:03
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PIBLKEQ,PIBLKEQ,,
Misc Info : 3,,INSTBLANK,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\clp-1262e4f.m
Meth Date : 30-Aug-2005 16:45 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.63	7.59	0.040	43710	0.01926	0.19		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	82162	0.02113	0.21		

KC
8/3-/w

Data File: E2E7568R.D
Report Date: 30-Aug-2005 17:31

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\E2E7568R.D
Lab Smp Id: PIBLKEQ Client Smp ID: PIBLKEQ
Inj Date : 25-AUG-2005 14:03
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PIBLKEQ,PIBLKEQ,,
Misc Info : 3,,INSTBLANK,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 18:25 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene			CAS #: 877-09-8				
5.79	5.77	0.020	39440	0.01961	0.20		
$ 2 Decachlorobiphenyl			CAS #: 2051-24-3				
25.5	25.4	0.100	70430	0.01948	0.19		

KC
8/31/05

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLKER

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKER

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7573F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKER

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKER

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2E7573R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

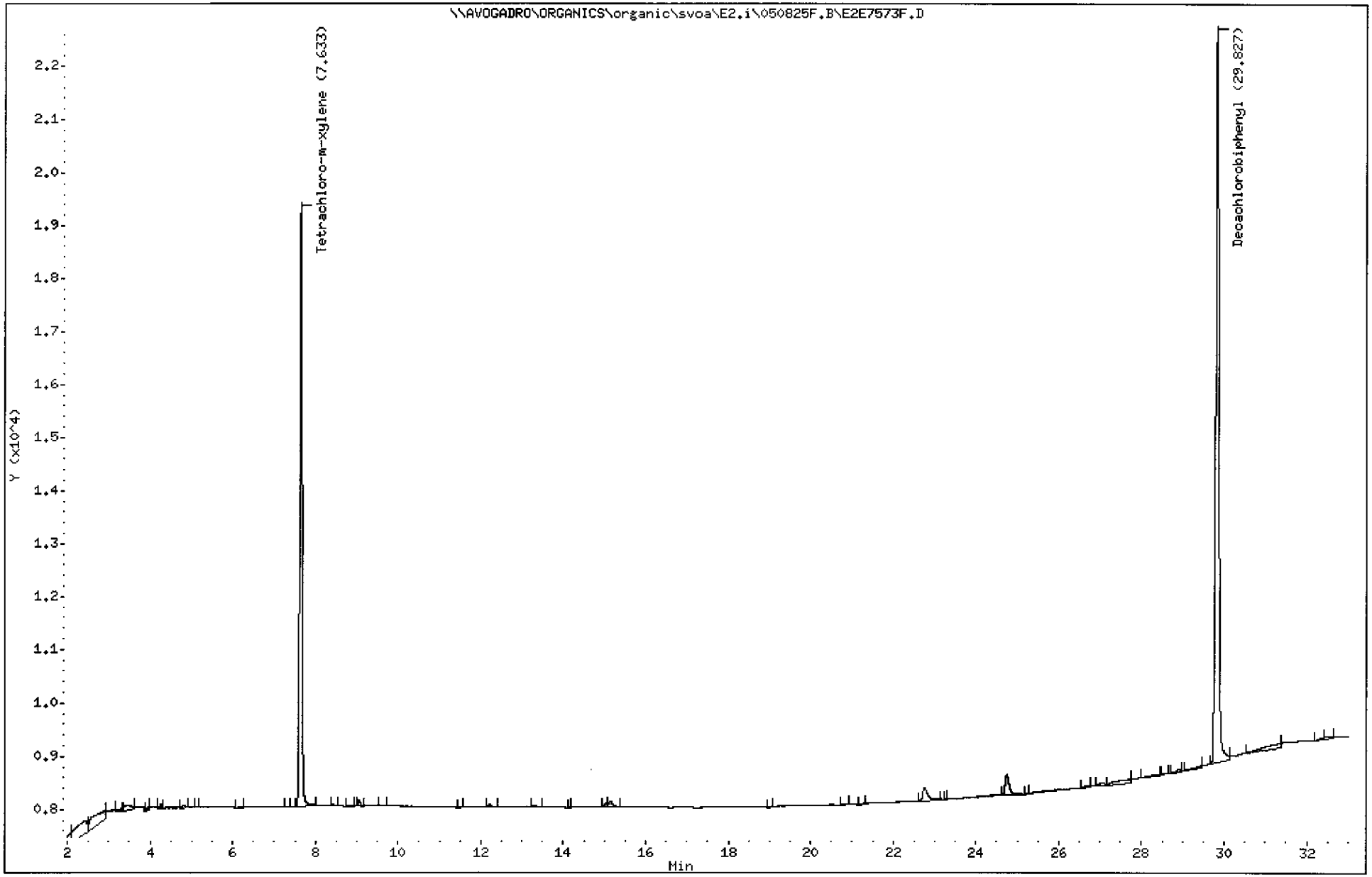
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/25/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

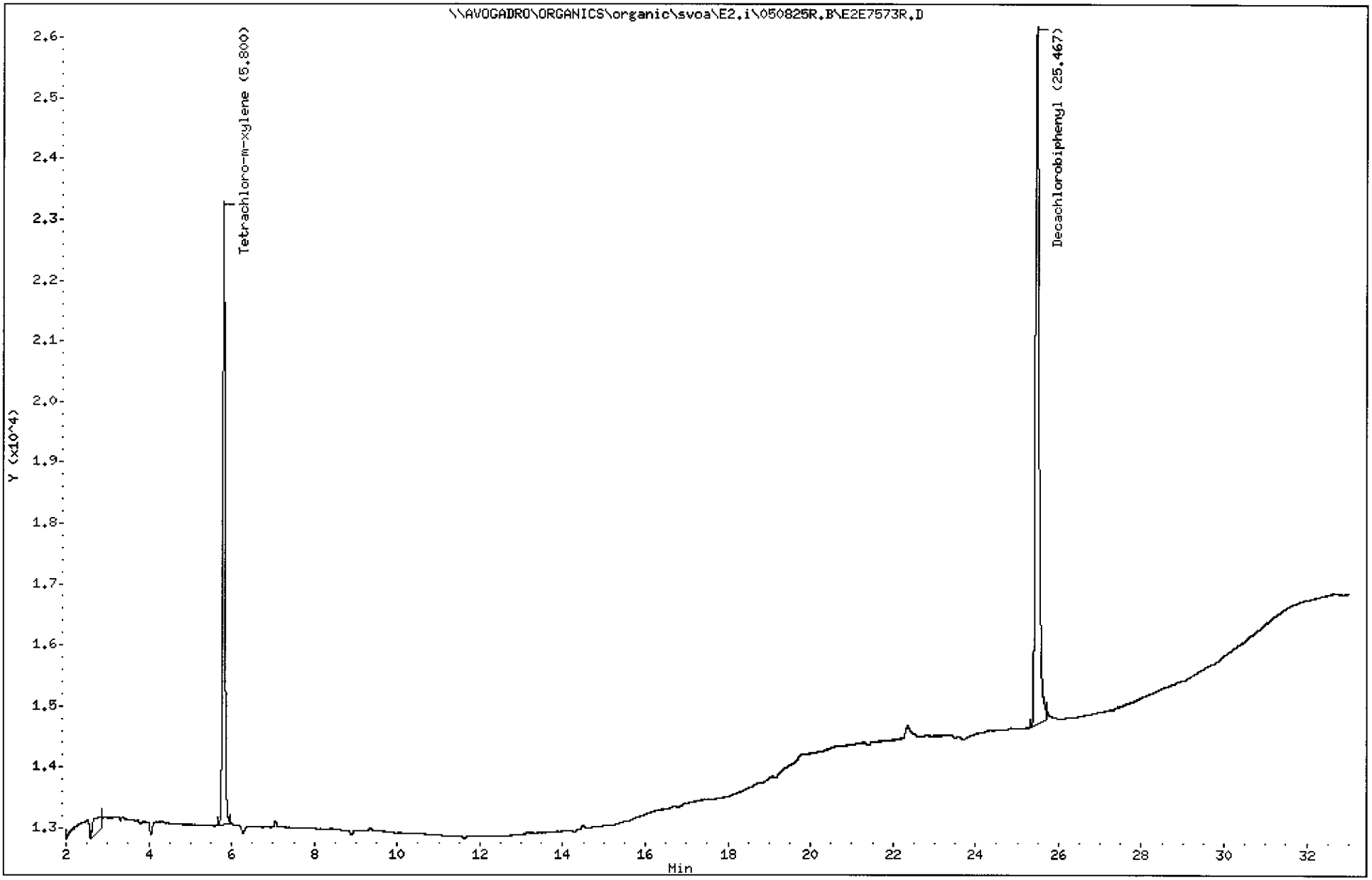
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\E2E7573F.D
Date : 25-AUG-2005 17:14
Client ID: PIBLKER
Instrument: E2.i
Sample Info: PIBLKER,PIBLKER,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\E2E7573R.D
Date : 25-AUG-2005 17:14
Client ID: PIBLKER
Instrument: E2.i
Sample Info: PIBLKER,PIBLKER,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7573F.D
Report Date: 30-Aug-2005 16:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\E2E7573F.D
Lab Smp Id: PIBLKER Client Smp ID: PIBLKER
Inj Date : 25-AUG-2005 17:14
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PIBLKER,PIBLKER,,
Misc Info : 3,,INSTBLANK,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 18:22 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.63	7.59	0.040	44249	0.01950	0.19		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	74179	0.01907	0.19		

KC
8/30/05

Data File: E2E7573R.D
Report Date: 30-Aug-2005 16:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\E2E7573R.D
Lab Smp Id: PIBLKER Client Smp ID: PIBLKER
Inj Date : 25-AUG-2005 17:14
Operator : SZ SRC: SZ Inst ID: E2.i
Smp Info : PIBLKER,PIBLKER,,
Misc Info : 3,,INSTBLANK,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050825R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 18:25 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.80	5.77	0.030	39460	0.01962	0.20		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.5	25.4	0.100	69807	0.01931	0.19		

KC
8/30/08

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKZ2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKZ2

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2106F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/28/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKZ2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKZ2

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2106R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/28/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

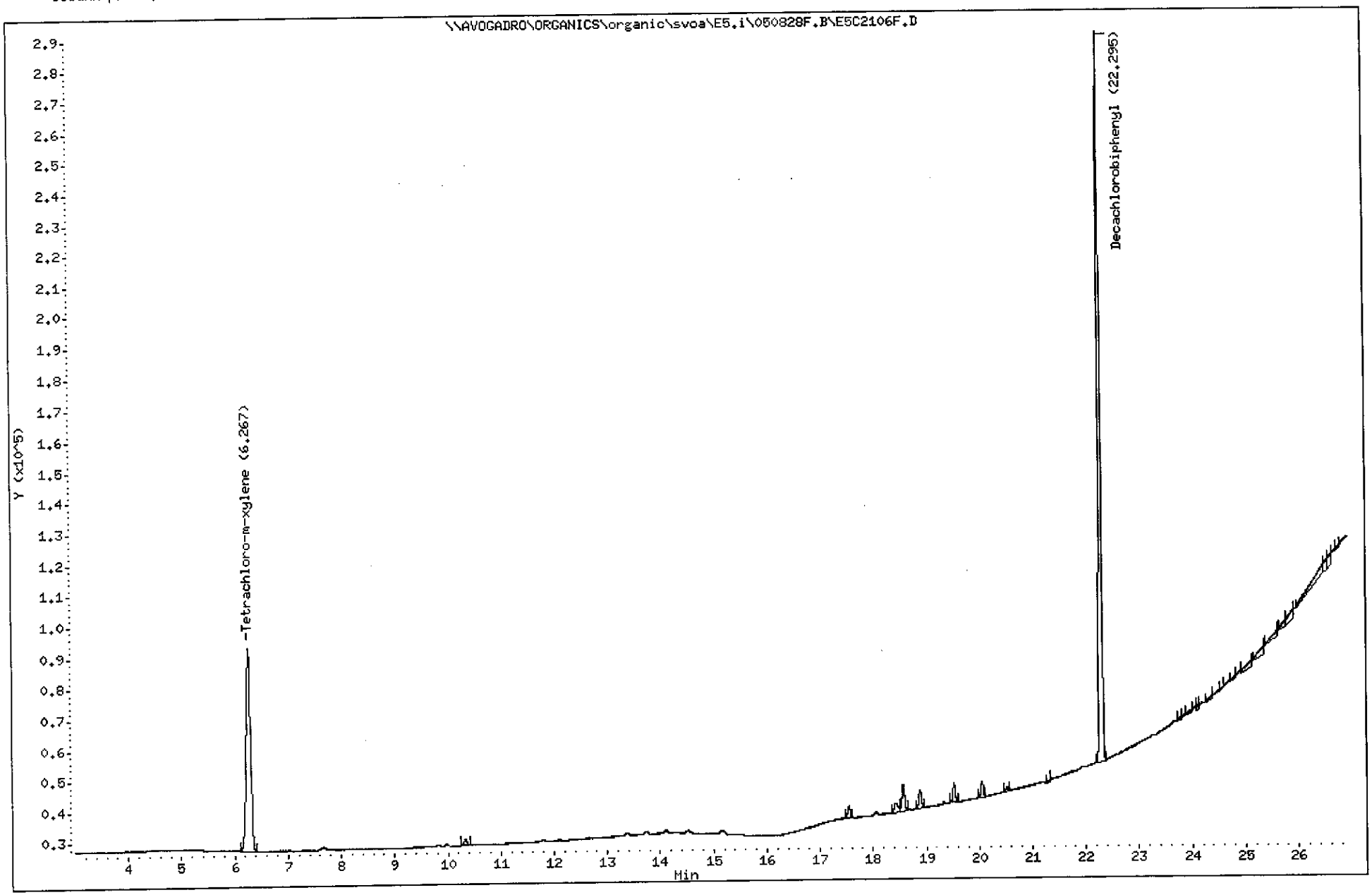
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2106F.D
Date : 28-AUG-2005 17:36
Client ID: PIBLKZ2
Sample Info: PIBLKZ2,PIBLKZ2,,clp,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E5.i

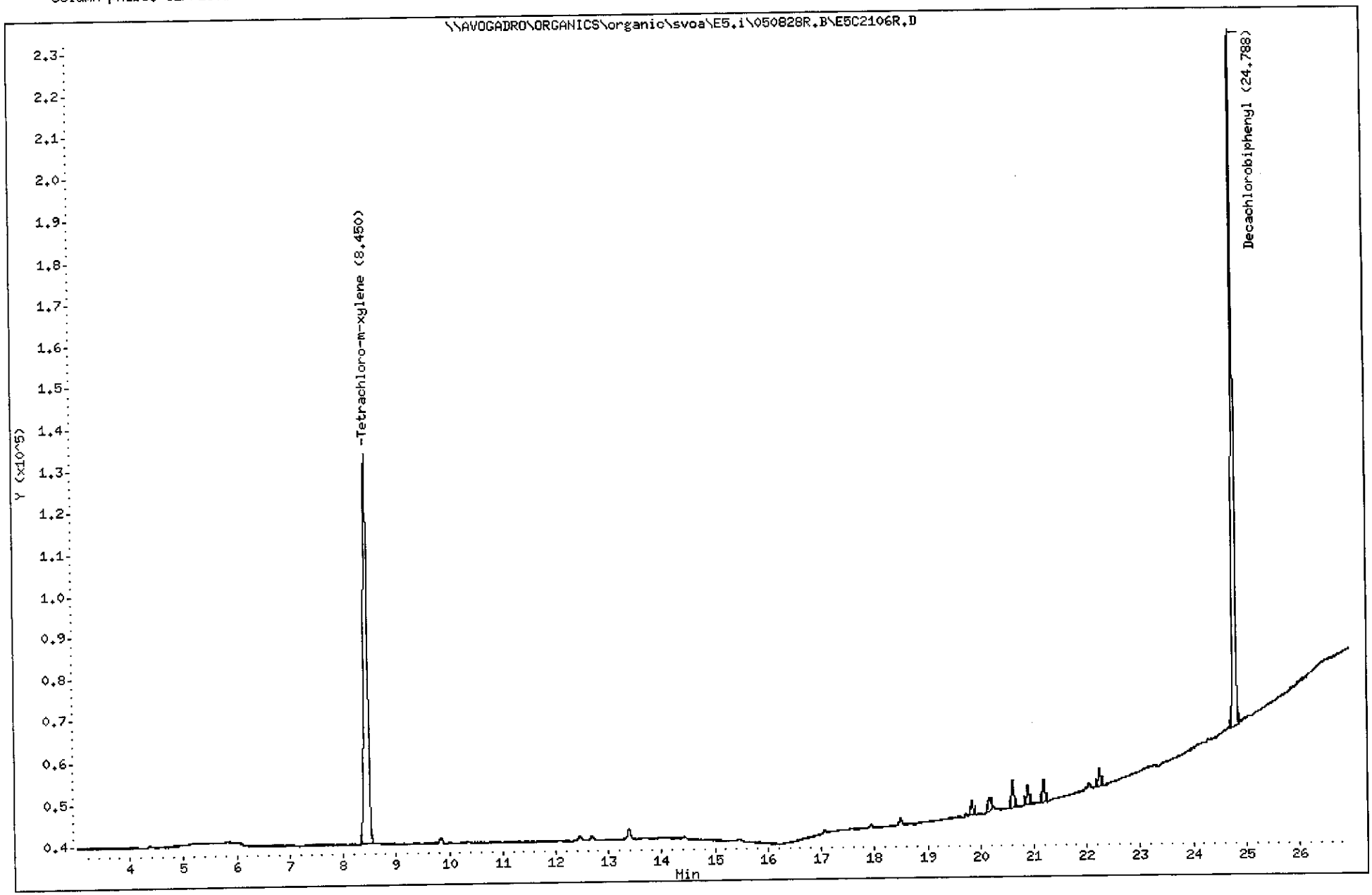
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2106R.D
Date : 28-AUG-2005 17:36
Client ID: PIBLKZ2
Sample Info: PIBLKZ2,PIBLKZ2,,clp,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2106F.D
Report Date: 30-Aug-2005 11:58

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2106F.D
Lab Smp Id: PIBLKZ2 Client Smp ID: PIBLKZ2
Inj Date : 28-AUG-2005 17:36
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKZ2,PIBLKZ2,,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 11:47 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$	1 Tetrachloro-m-xylene					CAS #: 877-09-8		
	6.27	6.27	0.000	384494	0.01990	0.20		
$	2 Decachlorobiphenyl					CAS #: 2051-24-3		
	22.3	22.3	0.000	726103	0.02052	0.21		

KC
8/30/05

Data File: E5C2106R.D
Report Date: 30-Aug-2005 11:58

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2106R.D
Lab Smp Id: PIBLKZ2 Client Smp ID: PIBLKZ2
Inj Date : 28-AUG-2005 17:36
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKZ2,PIBLKZ2,,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 11:42 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.45	8.45	0.000	464190	0.01976	0.20		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.8	24.8	0.000	503425	0.02079	0.21		

KC
8/31/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKZA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKZA

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2115F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/28/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLKZA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) WATER Lab Sample ID: PIBLKZA

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2115R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

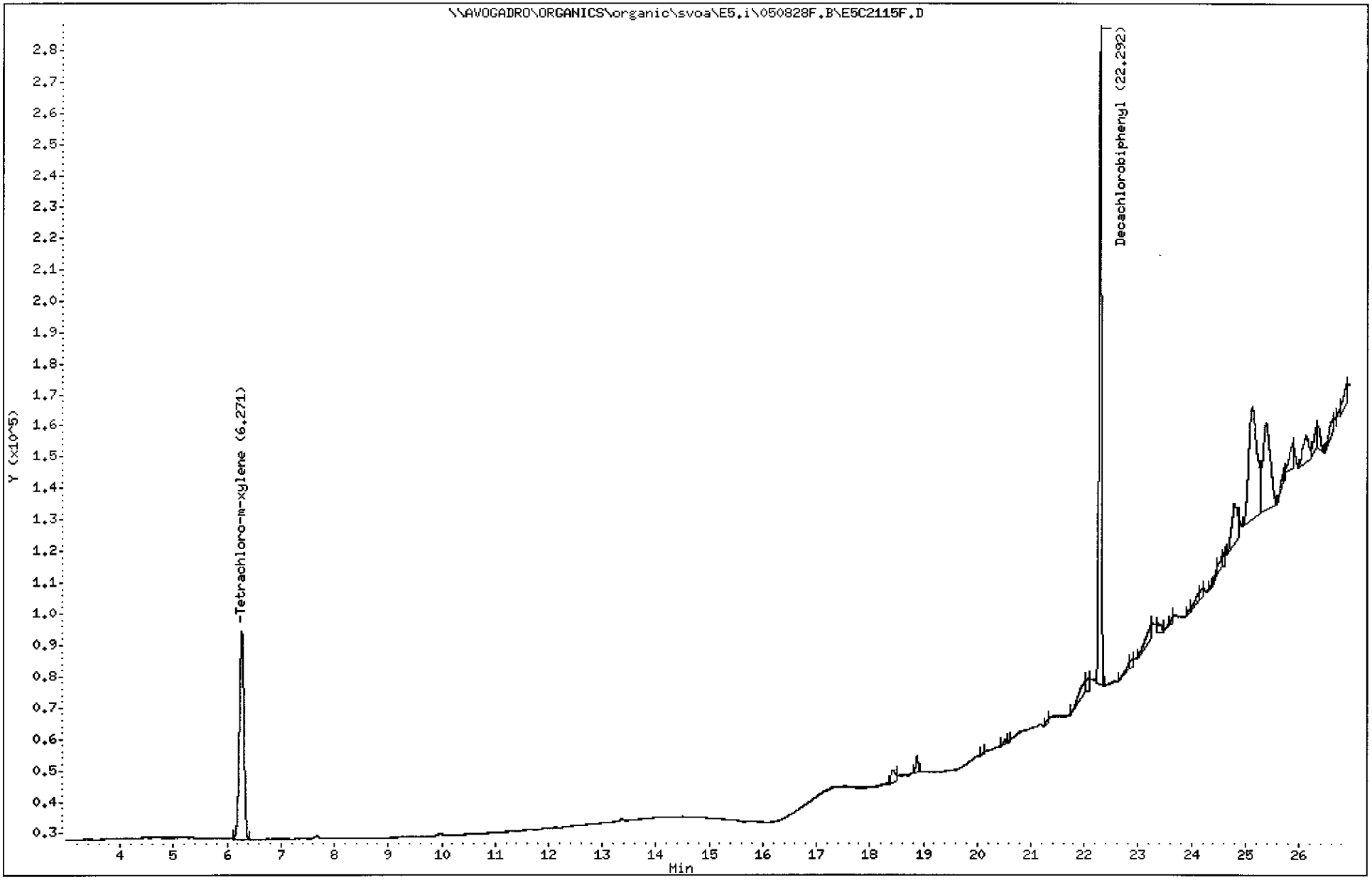
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/28/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

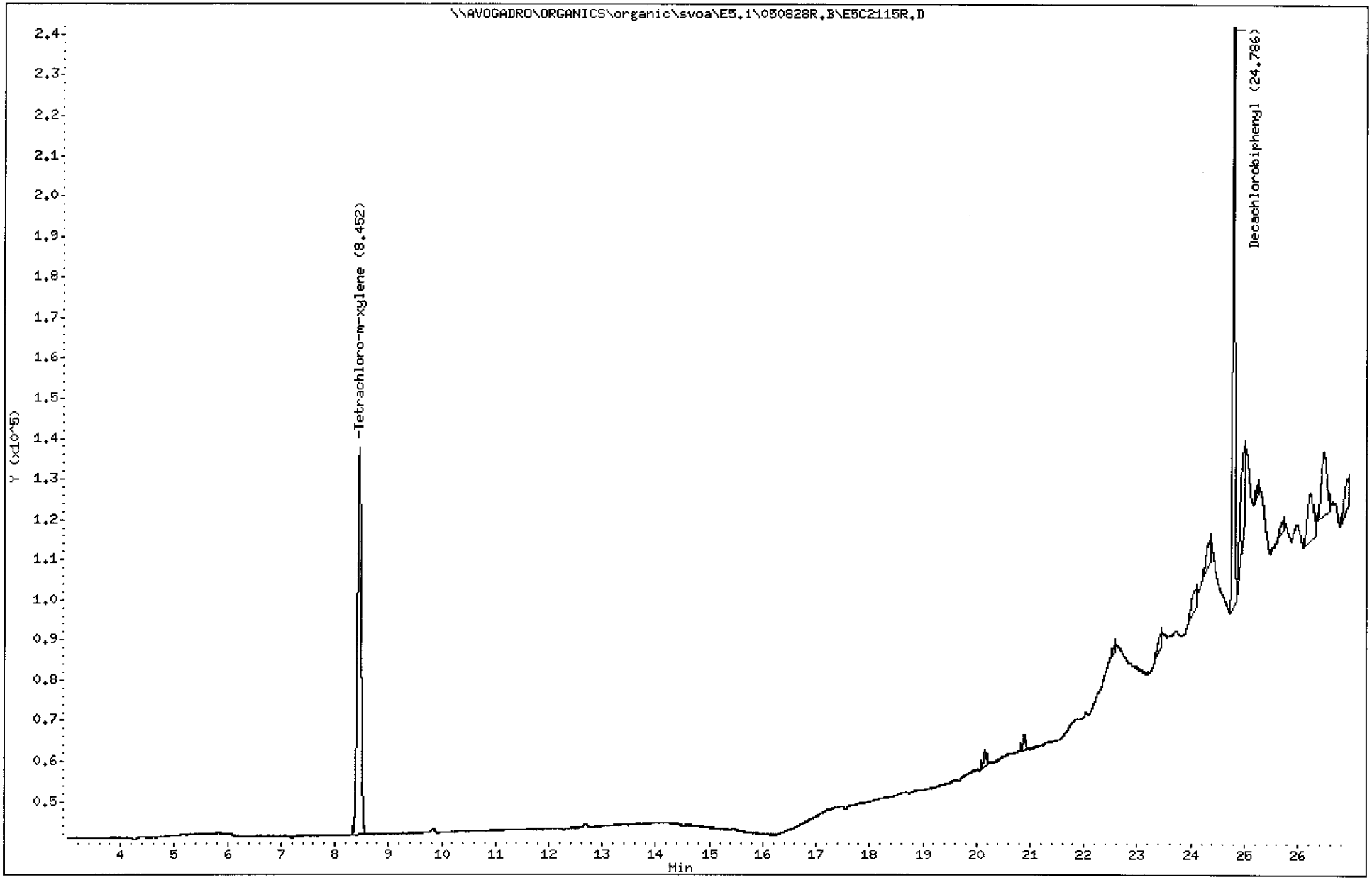
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2115F.D
Date : 28-AUG-2005 22:12
Client ID: PIBLKZA
Instrument: E5.i
Sample Info: PIBLKZA,PIBLKZA,,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2115R.D
Date : 28-AUG-2005 22:12
Client ID: PIBLKZA
Instrument: E5.i
Sample Info: PIBLKZA,PIBLKZA,,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2115F.D
Report Date: 30-Aug-2005 17:45

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2115F.D
Lab Smp Id: PIBLKZA Client Smp ID: PIBLKZA
Inj Date : 28-AUG-2005 22:12
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKZA,PIBLKZA,,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 11:47 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
6.27	6.27	0.000	387579	0.02006	0.20		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
22.3	22.3	0.000	639449	0.01807	0.18		

KC
8/30/05

Data File: E5C2115R.D
Report Date: 30-Aug-2005 17:45

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2115R.D
Lab Smp Id: PIBLKZA Client Smp ID: PIBLKZA
Inj Date : 28-AUG-2005 22:12
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKZA,PIBLKZA,,clp.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 11:42 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.45	8.45	0.000	473973	0.02018	0.20		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.8	24.8	0.000	423526	0.01749	0.17		

KC
8/30/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P2ELCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: LCS-19467

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2E7529F

% Moisture: 0 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/05

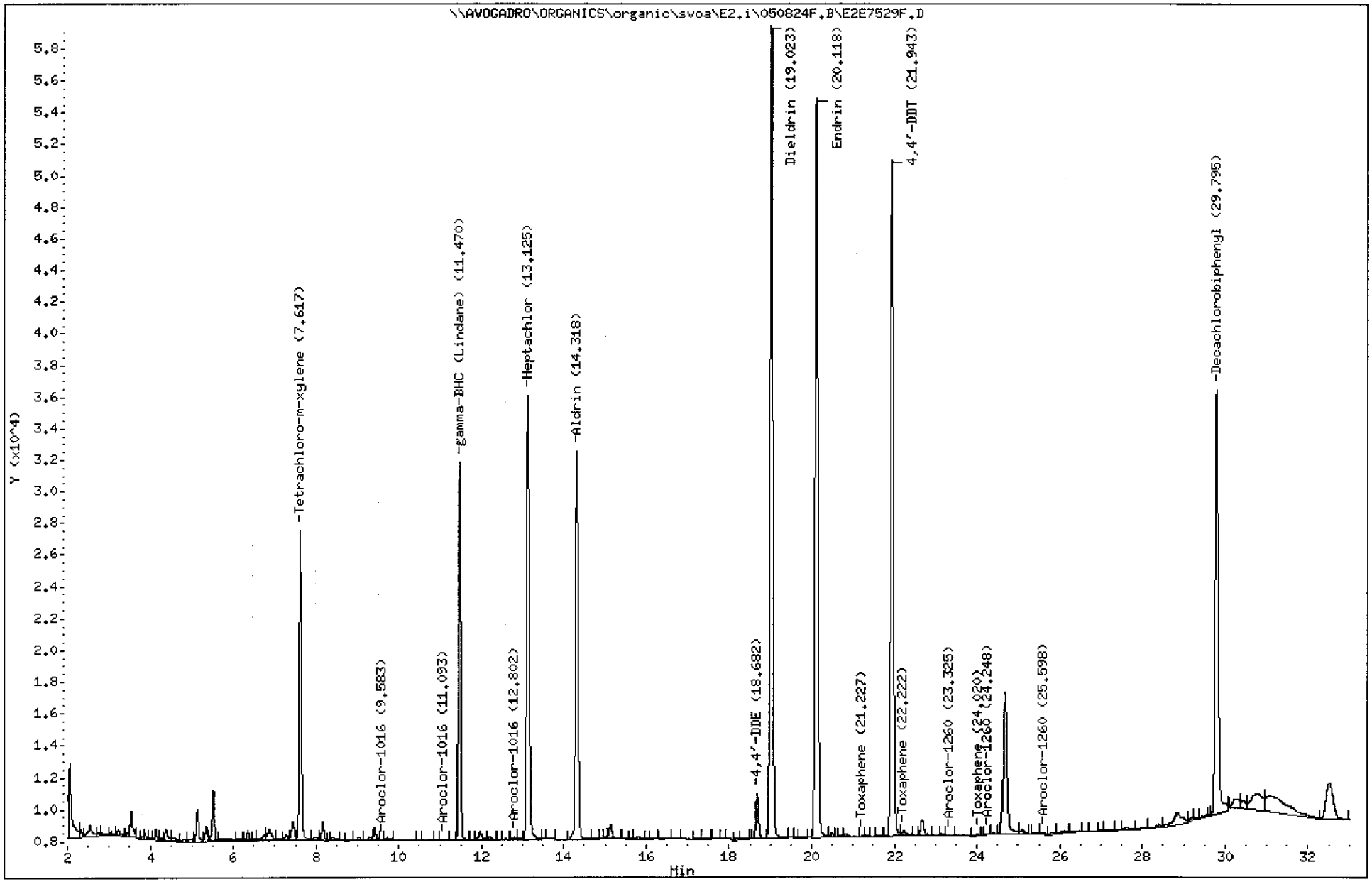
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	14	
76-44-8	Heptachlor	15	
309-00-2	Aldrin	15	
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	32	
72-55-9	4,4'-DDE	1.9	J
72-20-8	Endrin	39	
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4'-DDT	37	
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	67	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7529F.D
Date : 24-AUG-2005 13:13
Client ID: P2ELCS
Instrument: E2.i
Sample Info: LCS-19467,P2ELCS,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



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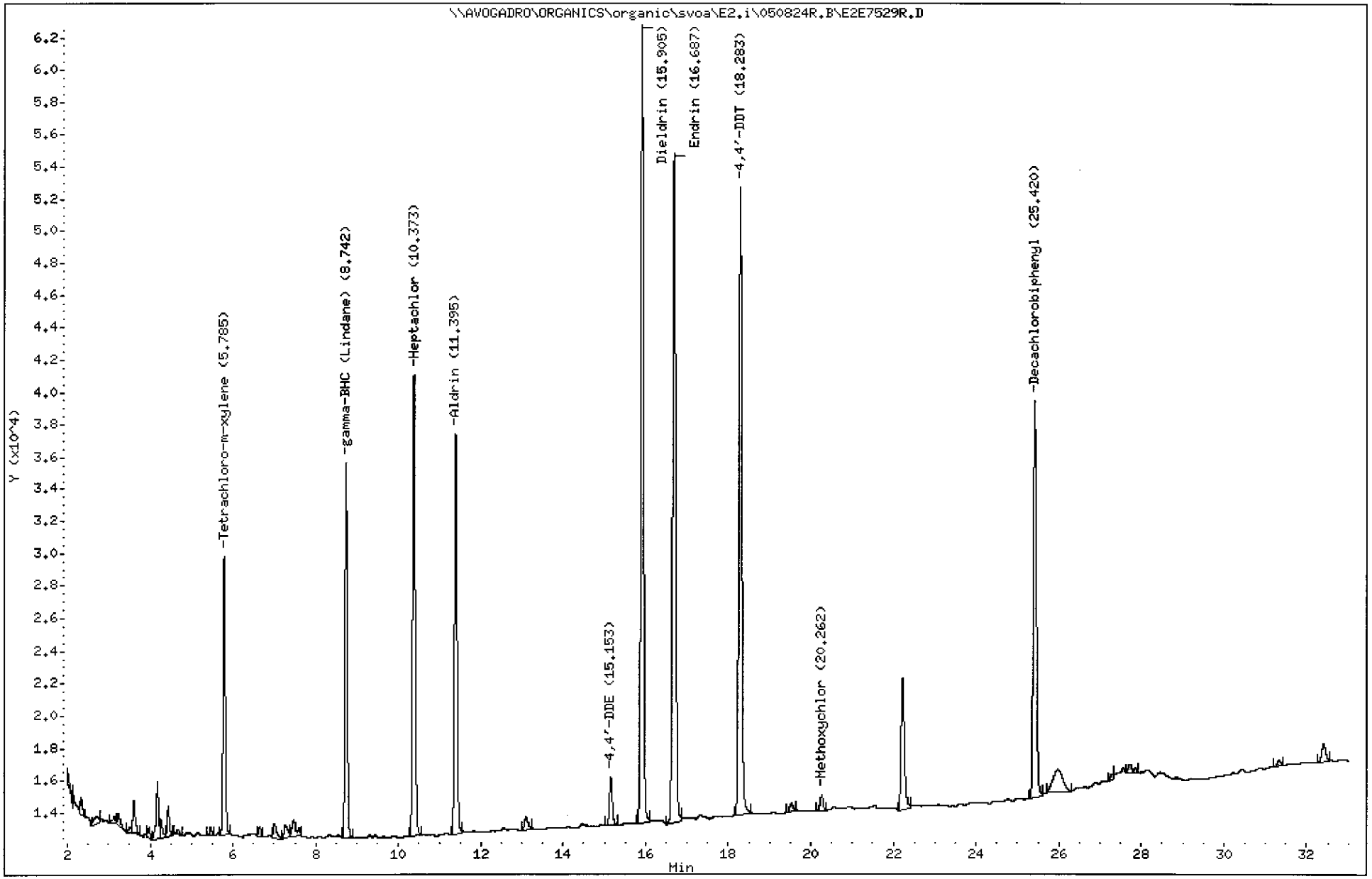
Date : 24-AUG-2005 13:13
Client ID: P2ELCS
Instrument: E2.i
Sample Info: LCS-19467,P2ELCS,19467,clp.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E2E7529F.D
Report Date: 29-Aug-2005 14:04

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\E2E7529F.D
Lab Smp Id: LCS-19467 Client Smp ID: P2ELCS
Inj Date : 24-AUG-2005 13:13
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : LCS-19467,P2ELCS,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824F.B\clp-1262e4f.m
Meth Date : 29-Aug-2005 12:59 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392F.D
Als bottle: 3 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.62	7.59	0.030	74424	0.03280		11	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
29.8	29.8	0.000	142099	0.03654		12	
4 gamma-BHC (Lindane)						CAS #: 58-89-9	
11.5	11.4	0.100	88918	0.04252		14	
5 Heptachlor						CAS #: 76-44-8	
13.1	13.1	0.000	123676	0.04740		16	

Data File: E2E7529F.D
Report Date: 29-Aug-2005 14:04

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
6 Aldrin					CAS #: 309-00-2			
14.3	14.3	0.000	106924	0.04989	17			
13 4,4'-DDE					CAS #: 72-55-9			
18.7	18.6	0.100	12885	0.00577	1.9			(a)
14 Dieldrin					CAS #: 60-57-1			
19.0	19.0	0.000	231945	0.10267	34			
15 Endrin					CAS #: 72-20-8			
20.1	20.1	0.000	213067	0.11854	40			
18 4,4'-DDT					CAS #: 50-29-3			
21.9	21.9	0.000	193689	0.11102	37			

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KL
8/30/05

Data File: E2E7529R.D
Report Date: 29-Aug-2005 14:03

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\E2E7529R.D
Lab Smp Id: LCS-19467 Client Smp ID: P2ELCS
Inj Date : 24-AUG-2005 13:13
Operator : SZ SRC: LIMS Inst ID: E2.i
Smp Info : LCS-19467,P2ELCS,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E2.i\050824R.B\clp1262-e2r.m
Meth Date : 29-Aug-2005 13:00 mtl Quant Type: ESTD
Cal Date : 18-AUG-2005 04:15 Cal File: E2E7392R.D
Als bottle: 3 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.79	5.77	0.020	63694	0.03166		11	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
25.4	25.4	0.000	128771	0.03561		12	
4 gamma-BHC (Lindane)						CAS #: 58-89-9	
8.74	8.71	0.030	88135	0.04157		14	
5 Heptachlor						CAS #: 76-44-8	
10.4	10.3	0.100	123803	0.04574		15	

Data File: E2E7529R.D
Report Date: 29-Aug-2005 14:03

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
6 Aldrin					CAS #: 309-00-2			
11.4	11.4	0.000	107237	0.04557	15			
13 4,4'-DDE					CAS #: 72-55-9			
15.2	15.1	0.100	14368	0.00652	2.2			(a)
14 Dieldrin					CAS #: 60-57-1			
15.9	15.9	0.000	231874	0.09672	32			
15 Endrin					CAS #: 72-20-8			
16.7	16.7	0.000	198429	0.11605	39			
18 4,4'-DDT					CAS #: 50-29-3			
18.3	18.3	0.000	194051	0.11374	38			
21 Methoxychlor					CAS #: 72-43-5			
20.3	20.2	0.100	4803	0.00498	1.7			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KL 8/3/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD07-S-MMS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-07AMS

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E5C2112F

% Moisture: 47 Decanted: (Y/N) N Date Received: 08/10/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/28/05

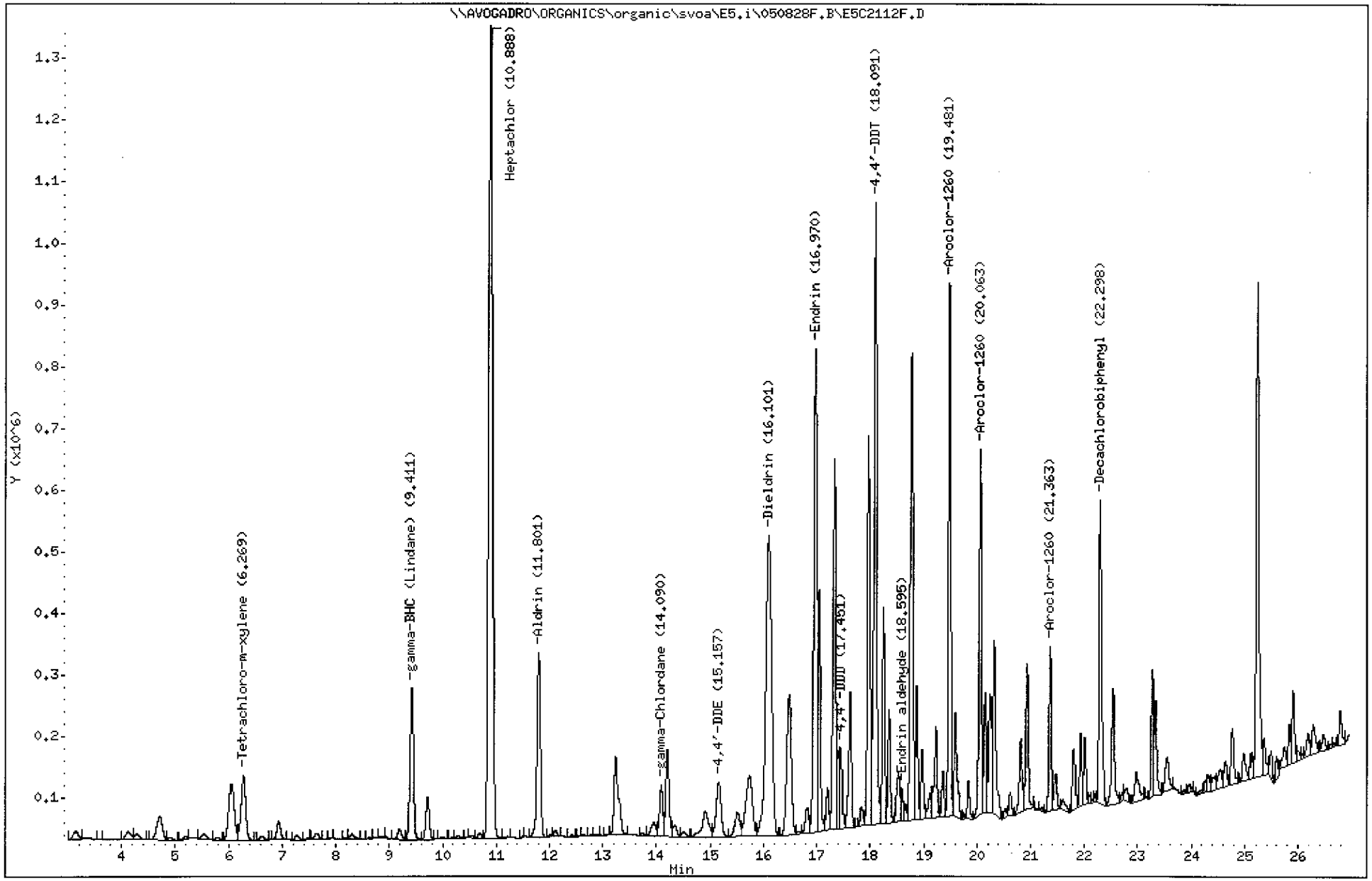
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9 Sulfur Cleanup: (Y/N) Y

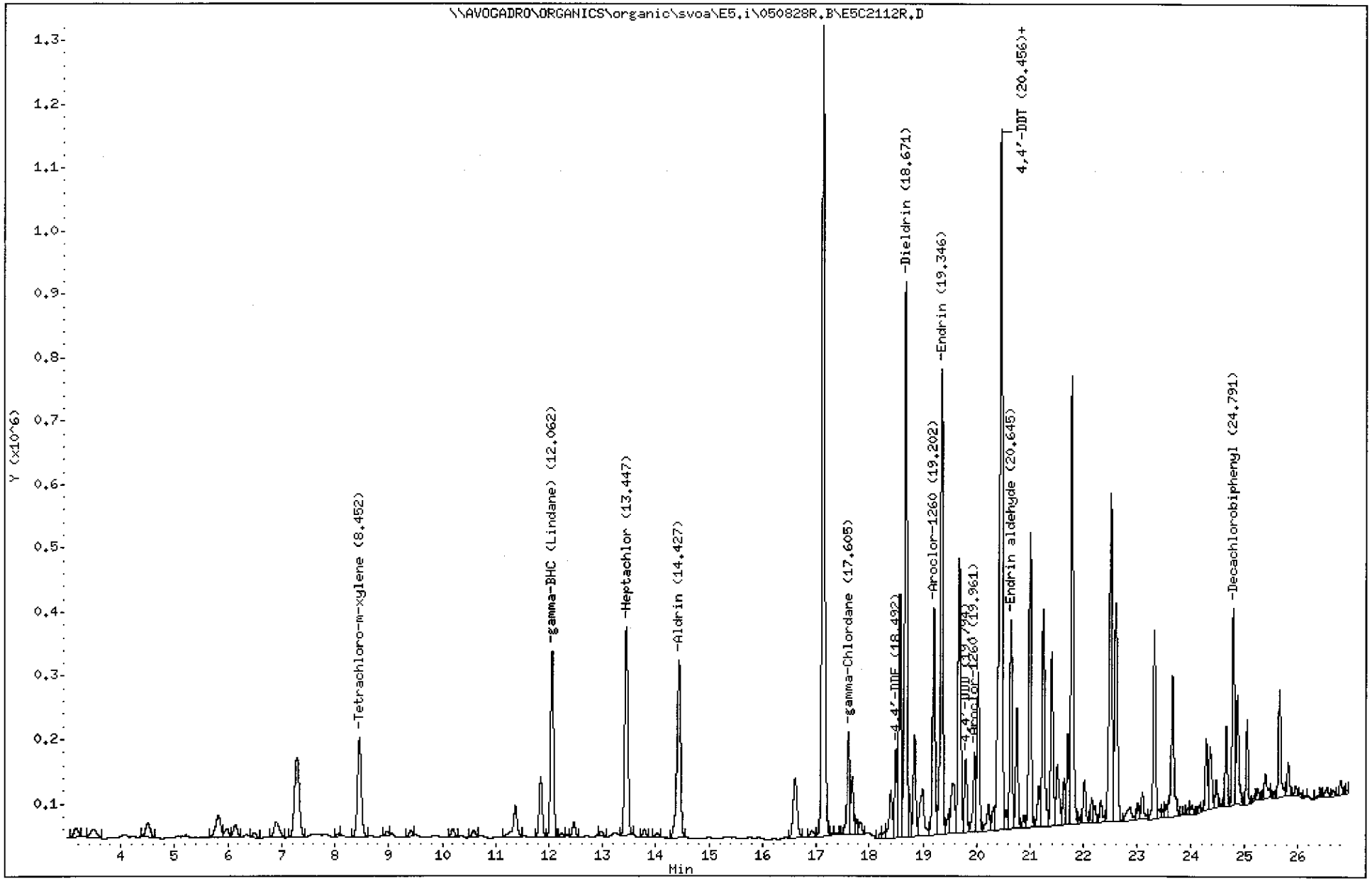
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
319-84-6	alpha-BHC	3.2 U
319-85-7	beta-BHC	3.2 U
319-86-8	delta-BHC	3.2 U
58-89-9	gamma-BHC (Lindane)	21
76-44-8	Heptachlor	25 P
309-00-2	Aldrin	25
1024-57-3	Heptachlor epoxide	3.2 U
959-98-8	Endosulfan I	3.2 U
60-57-1	Dieldrin	57
72-55-9	4,4'-DDE	9.7
72-20-8	Endrin	62
33213-65-9	Endosulfan II	6.2 U
72-54-8	4,4'-DDD	7.7 P
1031-07-8	Endosulfan sulfate	6.2 U
50-29-3	4,4'-DDT	61 P
72-43-5	Methoxychlor	32 U
53494-70-5	Endrin ketone	6.2 U
7421-93-4	Endrin aldehyde	3.3 JP
5103-71-9	alpha-Chlordane	3.2 U
5103-74-2	gamma-Chlordane	5.7 P
8001-35-2	Toxaphene	320 U
12674-11-2	Aroclor-1016	62 U
11104-28-2	Aroclor-1221	130 U
11141-16-5	Aroclor-1232	62 U
53469-21-9	Aroclor-1242	62 U
12672-29-6	Aroclor-1248	62 U
11097-69-1	Aroclor-1254	62 U
11096-82-5	Aroclor-1260	620 P

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2112F.D
Date : 28-AUG-2005 20:40
Client ID: SD07-S-MMS
Instrument: E5.i
Sample Info: D0926-07AMS,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2112R.D
Date : 28-AUG-2005 20:40
Client ID: SD07-S-MMS
Instrument: E5.i
Sample Info: D0926-07AMS,,19467,olp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2112F.D
Report Date: 30-Aug-2005 13:09

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2112F.D
Lab Smp Id: D0926-07AMS Client Smp ID: SD07-S-MMS
Inj Date : 28-AUG-2005 20:40
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : D0926-07AMS,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 11:47 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101F.D
Als bottle: 21 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	47.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
6.27	6.27	0.000	630530	0.03263		21		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
22.3	22.3	0.000	1713888	0.04843		30		
4 gamma-BHC (Lindane)						CAS #: 58-89-9		
9.41	9.42	-0.010	1128787	0.03636		23		
5 Heptachlor						CAS #: 76-44-8		
10.9	10.9	0.000	6536002	0.17759		110		(AR)

Data File: E5C2112F.D
Report Date: 30-Aug-2005 13:09

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
6 Aldrin					CAS #: 309-00-2		
11.8	11.8	0.000	1363565	0.04016	25		
11 gamma-Chlordane					CAS #: 5103-74-2		
14.1	14.1	0.000	357693	0.00903	5.7		
13 4,4'-DDE					CAS #: 72-55-9		
15.2	15.2	0.000	568308	0.01540	9.7		
14 Dieldrin					CAS #: 60-57-1		
16.1	16.1	0.000	3786956	0.09321	59		
15 Endrin					CAS #: 72-20-8		
17.0	17.0	0.000	3195345	0.09867	62		
16 4,4'-DDD					CAS #: 72-54-8		
17.5	17.5	0.000	422528	0.01232	7.7		
18 4,4'-DDT					CAS #: 50-29-3		
18.1	18.1	0.000	3612295	0.09659	61		
19 Endrin aldehyde					CAS #: 7421-93-4		
18.6	18.6	0.000	155686	0.00532	3.3		(a)
29 Aroclor-1260					CAS #: 11096-82-5		
19.5	19.5	0.000	2643902	0.89797	560	80.00- 120.00	100.00
20.1	20.1	0.000	1907308	1.15833	730	35.92- 75.92	72.14
21.4	21.4	0.000	800644	0.92360	580	9.44- 49.44	30.28
			Average of Peak Concentrations =		620		

KL
8/30/05

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: E5C2112R.D
Report Date: 30-Aug-2005 13:09

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2112R.D
Lab Smp Id: D0926-07AMS Client Smp ID: SD07-S-MMS
Inj Date : 28-AUG-2005 20:40
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : D0926-07AMS,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 11:42 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 21 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	47.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.45	8.45	0.000	787863	0.03354	21		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.8	24.8	0.000	919586	0.03799	24		
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
12.1	12.1	0.000	1154788	0.03399	21		
6 Heptachlor					CAS #: 76-44-8		
13.4	13.4	0.000	1376210	0.03996	25		

Data File: E5C2112R.D
Report Date: 30-Aug-2005 13:09

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO	
7 Aldrin					CAS #: 309-00-2			
14.4	14.4	0.000	1325201	0.04608	29			
12 gamma-Chlordane					CAS #: 5103-74-2			
17.6	17.6	0.000	553015	0.01888	12			
14 4,4'-DDE					CAS #: 72-55-9			
18.5	18.5	0.000	429570	0.01552	9.8			
15 Dieldrin					CAS #: 60-57-1			
18.7	18.7	0.000	2765783	0.09141	57			
16 Endrin					CAS #: 72-20-8			
19.3	19.3	0.000	2297265	0.10120	64			
17 4,4'-DDD					CAS #: 72-54-8			
19.8	19.8	0.000	400949	0.01699	11			
19 4,4'-DDT					CAS #: 50-29-3			
20.5	20.5	0.000	4336583	0.17170	110			(AR)
20 Endrin aldehyde					CAS #: 7421-93-4			
20.6	20.6	0.000	996344	0.05031	32			
30 Aroclor-1260					CAS #: 11096-82-5			
19.2	19.2	0.000	1151171	0.94604	590	80.00- 120.00	100.00	
20.0	20.0	0.000	415733	1.01297	640	19.50- 59.50	36.11	
20.5	20.4	0.100	4336583	2.17956	1400	168.29- 208.29	376.71	
			Average of Peak Concentrations =		870			

KC
8/30/05

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS11-S-MMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19AMSD

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E5C2111F

% Moisture: 11 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

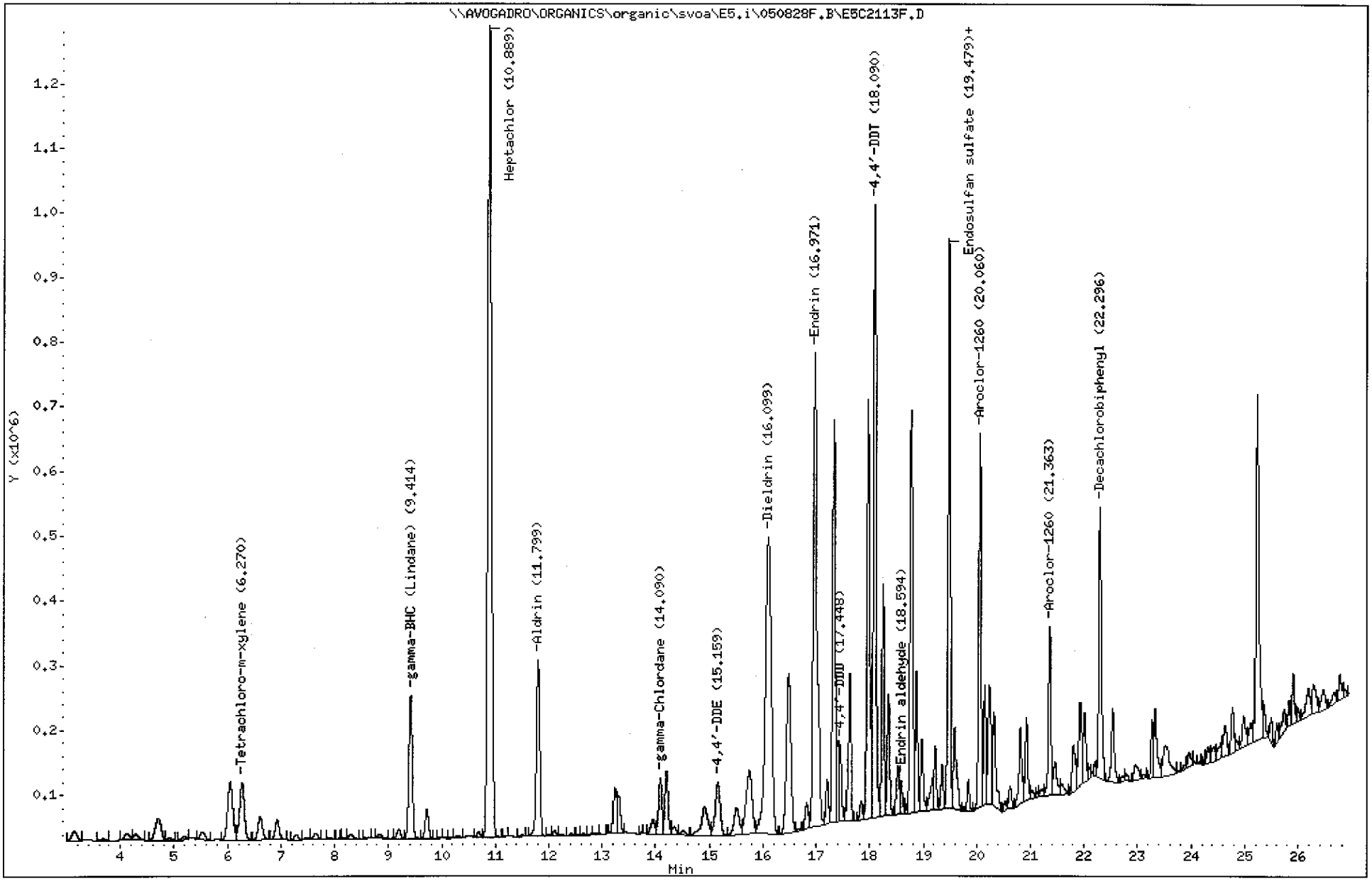
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/28/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

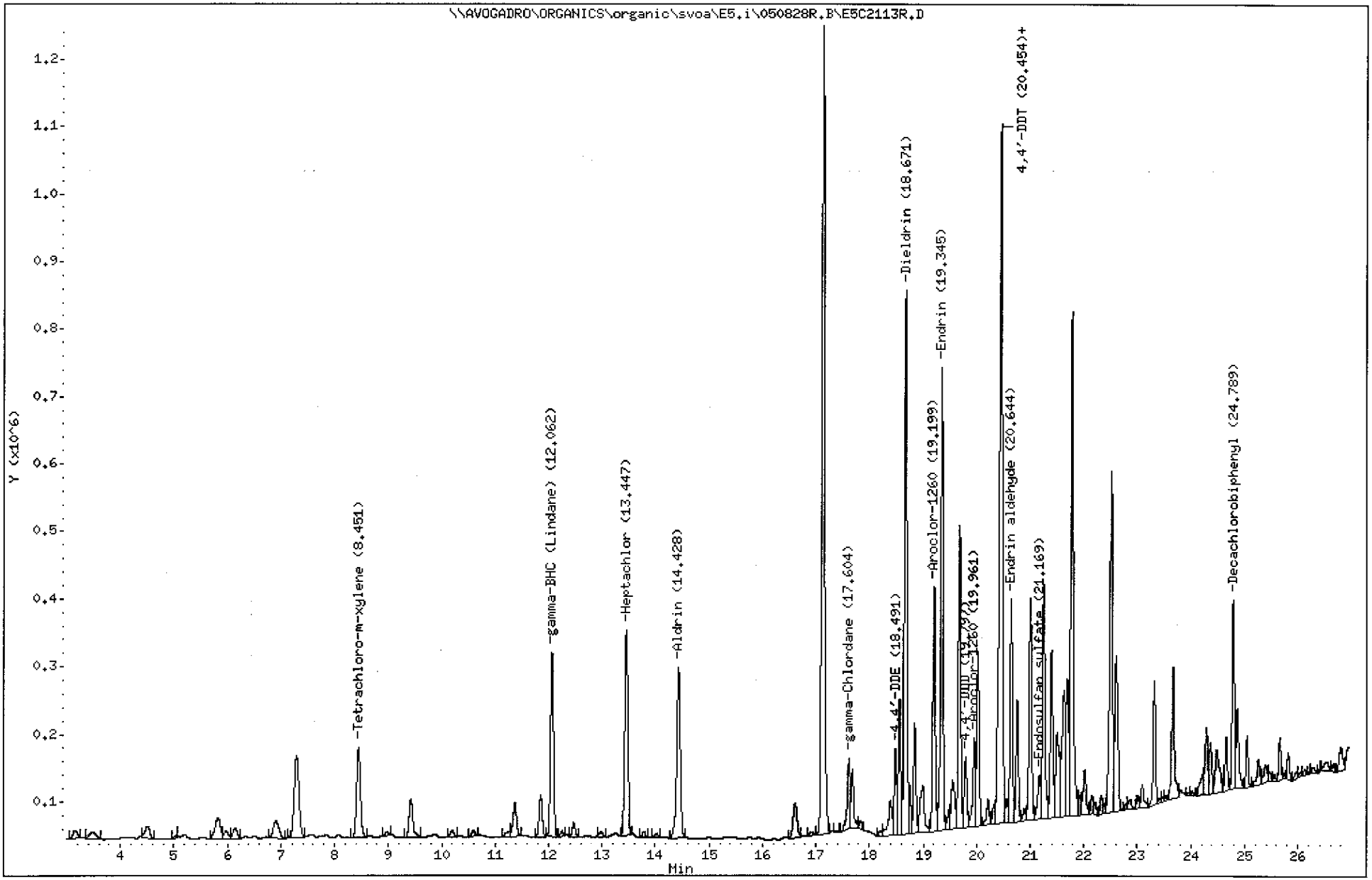
GPC Cleanup: (Y/N) Y pH: 5.7 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	15	
76-44-8	Heptachlor	18	P
309-00-2	Aldrin	18	
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	38	
72-55-9	4,4'-DDE	2.5	JP
72-20-8	Endrin	45	
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	36	
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	75	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2113F.D
Date : 28-AUG-2005 21:11
Client ID: SD07-S-MMSD
Instrument: E5.i
Sample Info: D0926-07AMSD,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2113R.D
Date : 28-AUG-2005 21:11
Client ID: SD07-S-MMSD
Instrument: E5.i
Sample Info: D0926-07AMSD,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2113F.D
Lab Smp Id: D0926-07AMSD Client Smp ID: SD07-S-MMSD
Inj Date : 28-AUG-2005 21:11
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : D0926-07AMSD,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 02-Sep-2005 12:48 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101F.D
Als bottle: 22 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	47.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.27	6.27	0.000	544508	0.02818	18		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
22.3	22.3	0.000	1418805	0.04009	25		
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
9.41	9.42	-0.010	999311	0.03219	20		
5 Heptachlor					CAS #: 76-44-8		
10.9	10.9	0.000	6134033	0.16667	100		(AR)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
6 Aldrin					CAS #: 309-00-2			
11.8	11.8	0.000	1207605	0.03557	22			
11 gamma-Chlordane					CAS #: 5103-74-2			
14.1	14.1	0.000	368663	0.00930	5.9			
13 4,4'-DDE					CAS #: 72-55-9			
15.2	15.2	0.000	516082	0.01398	8.8			
14 Dieldrin					CAS #: 60-57-1			
16.1	16.1	0.000	3543138	0.08721	55			
15 Endrin					CAS #: 72-20-8			
17.0	17.0	0.000	3560489	0.10994	69			
16 4,4'-DDD					CAS #: 72-54-8			
17.4	17.5	-0.100	352236	0.01027	6.5			
18 4,4'-DDT					CAS #: 50-29-3			
18.1	18.1	0.000	3312171	0.08856	56			
19 Endrin aldehyde					CAS #: 7421-93-4			
18.6	18.6	0.000	150093	0.00513	3.2			(a)
29 Aroclor-1260					CAS #: 11096-82-5			
19.5	19.5	0.000	2711113	0.92080	580	80.00- 120.00	100.00	
20.1	20.1	0.000	1800523	1.09348	690	35.92- 75.92	66.41	
21.4	21.4	0.000	846562	0.97657	610	9.44- 49.44	31.23	
Average of Peak Concentrations =					630			

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

KL
9/2/05

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2113R.D
Lab Smp Id: D0926-07AMSD Client Smp ID: SD07-S-MMSD
Inj Date : 28-AUG-2005 21:11
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : D0926-07AMSD,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 02-Sep-2005 12:46 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 22 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	47.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$	1 Tetrachloro-m-xylene					CAS #: 877-09-8		
	8.45	8.45	0.000	673658	0.02868		18	
$	3 Decachlorobiphenyl					CAS #: 2051-24-3		
	24.8	24.8	0.000	859029	0.03548		22	
	5 gamma-BHC (Lindane)					CAS #: 58-89-9		
	12.1	12.1	0.000	1061515	0.03124		20	
	6 Heptachlor					CAS #: 76-44-8		
	13.4	13.4	0.000	1252052	0.03636		23	

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
7 Aldrin					CAS #: 309-00-2			
14.4	14.4	0.000	1177952	0.04096	26			
12 gamma-Chlordane					CAS #: 5103-74-2			
17.6	17.6	0.000	365648	0.01249	7.9			
14 4,4'-DDE					CAS #: 72-55-9			
18.5	18.5	0.000	407217	0.01471	9.3			
15 Dieldrin					CAS #: 60-57-1			
18.7	18.7	0.000	2570718	0.08496	53			
16 Endrin					CAS #: 72-20-8			
19.3	19.3	0.000	2122082	0.09348	59			
17 4,4'-DDD					CAS #: 72-54-8			
19.8	19.8	0.000	379936	0.01609	10			
19 4,4'-DDT					CAS #: 50-29-3			
20.5	20.5	0.000	4149094	0.16428	100			(AR)
20 Endrin aldehyde					CAS #: 7421-93-4			
20.6	20.6	0.000	1018891	0.05145	32			
30 Aroclor-1260					CAS #: 11096-82-5			
19.2	19.2	0.000	1145535	0.94141	590	80.00- 120.00	100.00	
20.0	20.0	0.000	454449	1.10730	700	18.78- 58.78	39.67	
20.5	20.4	0.100	4149094	2.08533	1300	168.96- 208.96	362.20	
			Average of Peak Concentrations =		870			

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

KL
9/2/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS11-S-MMS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19AMS

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E5C2110F

% Moisture: 11 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/28/05

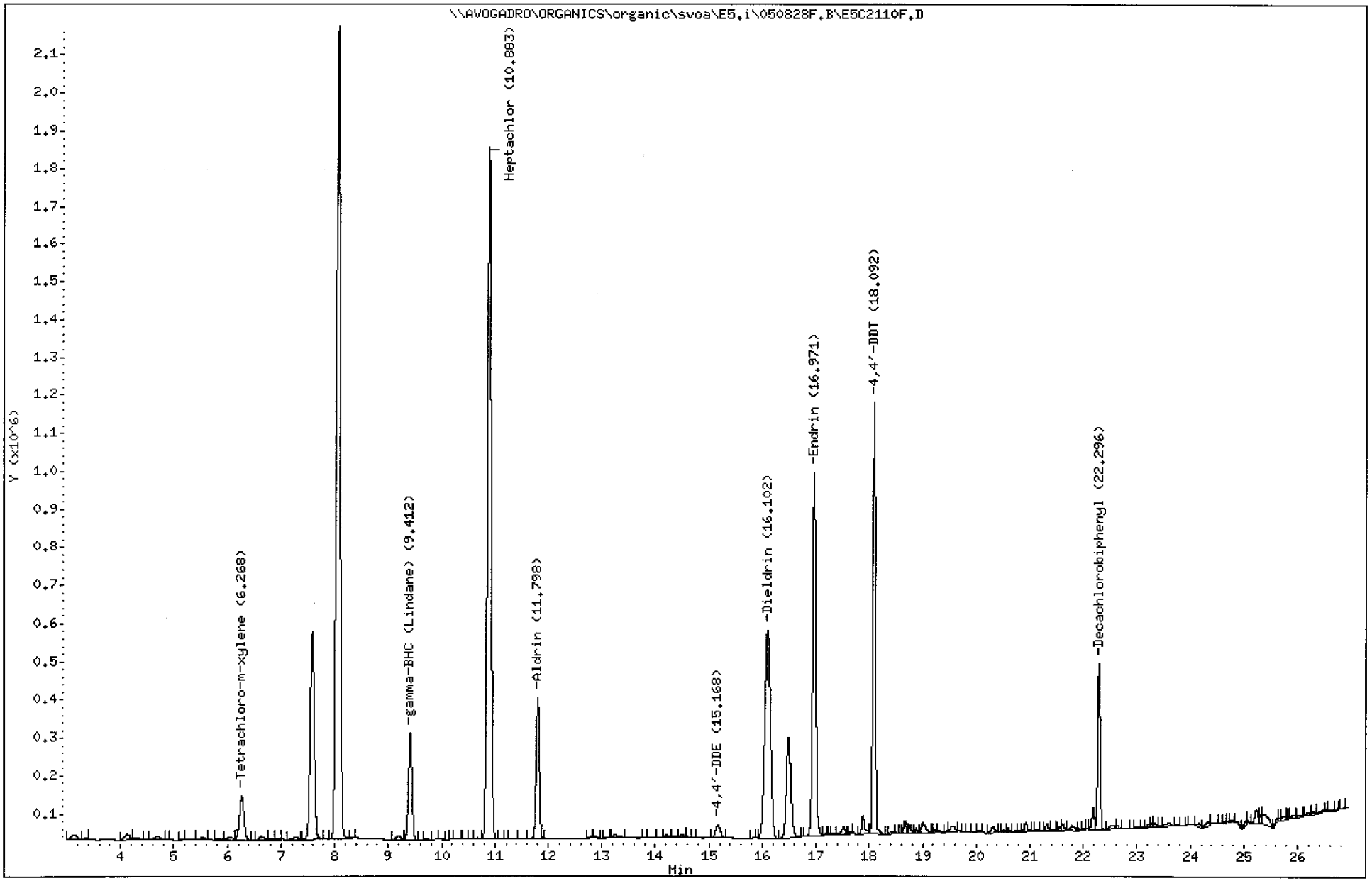
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Sulfur Cleanup: (Y/N) Y

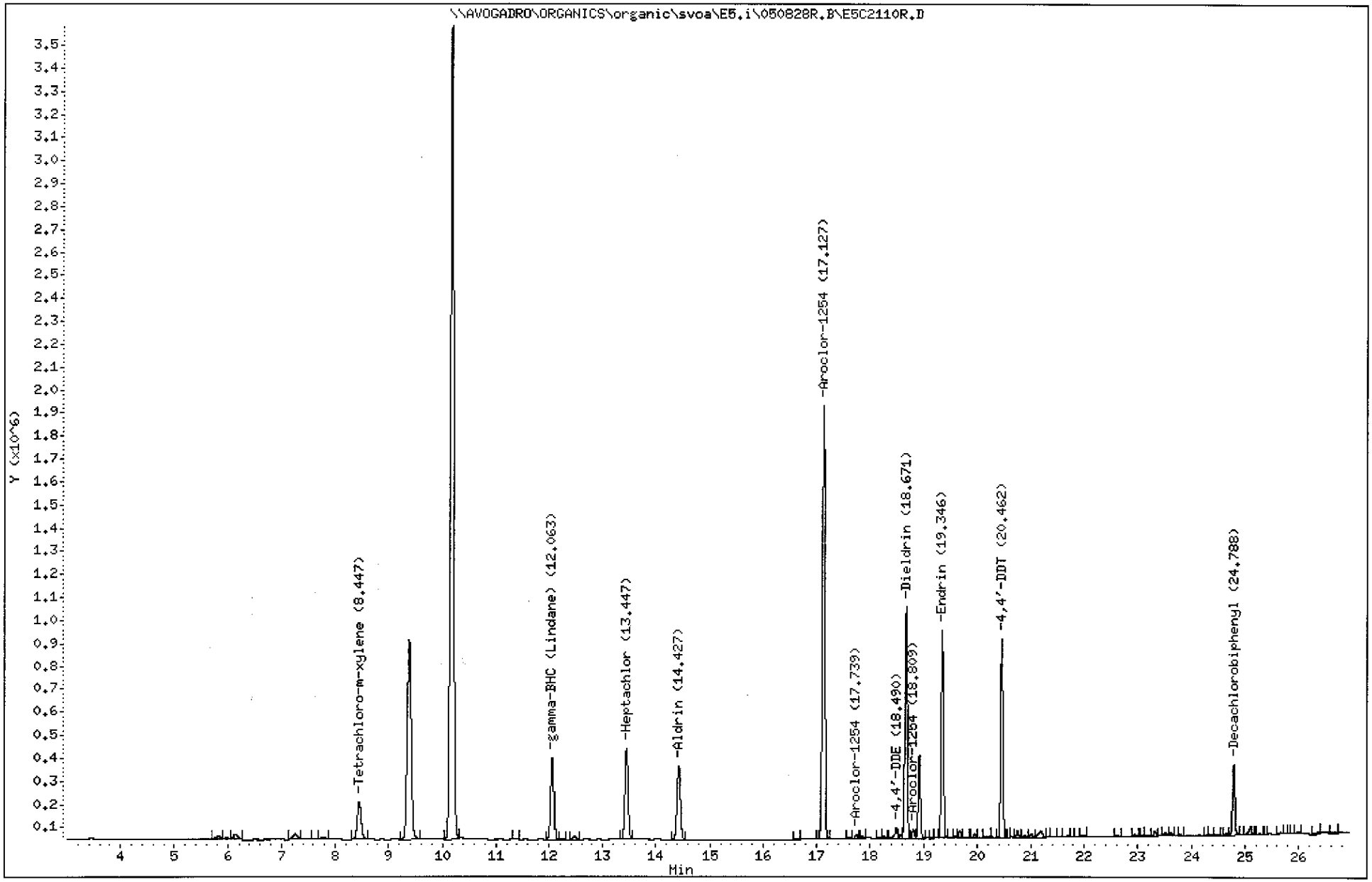
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q	
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	15	
76-44-8	Heptachlor	18	P
309-00-2	Aldrin	18	
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	38	
72-55-9	4,4'-DDE	2.1	J
72-20-8	Endrin	44	
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	36	
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	75	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2110F.D
Date : 28-AUG-2005 19:39
Client ID: SS11-S-MMS
Instrument: E5.i
Sample Info: D0926-19AMS,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2110R.D
Date : 28-AUG-2005 19:39
Client ID: SS11-S-MMS
Instrument: E5.i
Sample Info: D0926-19AMS,,19467,olp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2110F.D
Report Date: 30-Aug-2005 13:09

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2110F.D
Lab Smp Id: D0926-19AMS Client Smp ID: SS11-S-MMS
Inj Date : 28-AUG-2005 19:39
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : D0926-19AMS,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 11:47 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101F.D
Als bottle: 19 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	11.000	% Moisture

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
6.27	6.27	0.000	675015	0.03494		13		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
22.3	22.3	0.000	1341598	0.03791		14		
4 gamma-BHC (Lindane)						CAS #: 58-89-9		
9.41	9.42	-0.010	1250409	0.04027		15		
5 Heptachlor						CAS #: 76-44-8		
10.9	10.9	0.000	8895841	0.24171		91		(AR)

Data File: E5C2110F.D
Report Date: 30-Aug-2005 13:09

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO	
6 Aldrin					CAS #: 309-00-2			
11.8	11.8	0.000	1633409	0.04811	18			
13 4,4'-DDE					CAS #: 72-55-9			
15.2	15.2	0.000	209522	0.00568	2.1			(a)
14 Dieldrin					CAS #: 60-57-1			
16.1	16.1	0.000	4080145	0.10043	38			
15 Endrin					CAS #: 72-20-8			
17.0	17.0	0.000	3907289	0.12065	45			
18 4,4'-DDT					CAS #: 50-29-3			
18.1	18.1	0.000	3558751	0.09515	36			

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

KC
8/29/03

Data File: E5C2110R.D
Report Date: 30-Aug-2005 13:17

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2110R.D
Lab Smp Id: D0926-19AMS Client Smp ID: SS11-S-MMS
Inj Date : 28-AUG-2005 19:39
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : D0926-19AMS,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 11:42 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 19 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	11.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
8.45	8.45	0.000	851806	0.03626		14	
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3	
24.8	24.8	0.000	940685	0.03886		15	
5 gamma-BHC (Lindane)						CAS #: 58-89-9	
12.1	12.1	0.000	1396488	0.04110		15	
6 Heptachlor						CAS #: 76-44-8	
13.4	13.4	0.000	1632090	0.04739		18	

Data File: E5C2110R.D
Report Date: 30-Aug-2005 13:17

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO	
7 Aldrin					CAS #: 309-00-2			
14.4	14.4	0.000	1434252	0.04988	19			
14 4,4'-DDE					CAS #: 72-55-9			
18.5	18.5	0.000	164612	0.00595	2.2			(a)
15 Dieldrin					CAS #: 60-57-1			
18.7	18.7	0.000	3072065	0.10153	38			
16 Endrin					CAS #: 72-20-8			
19.3	19.3	0.000	2680664	0.11809	44			
19 4,4'-DDT					CAS #: 50-29-3			
20.5	20.5	0.000	2487447	0.09849	37			

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC
8/30/05

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS11-S-MMSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD0926

Matrix: (soil/water) SOIL Lab Sample ID: D0926-19AMSD

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E5C2111F

% Moisture: 11 Decanted: (Y/N) N Date Received: 08/11/05

Extraction: (Type) SONC Date Extracted: 08/12/05

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/28/05

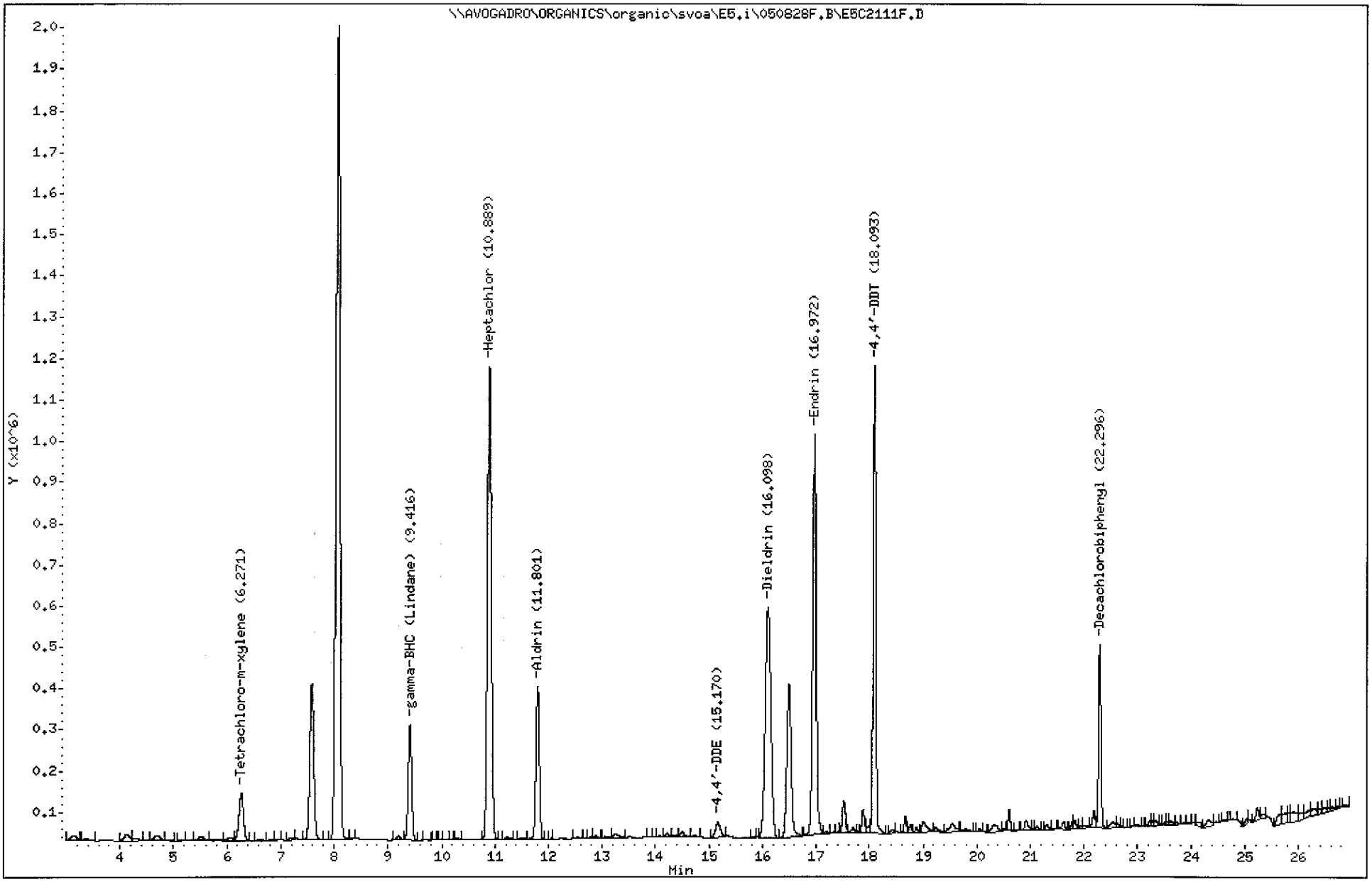
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7 Sulfur Cleanup: (Y/N) Y

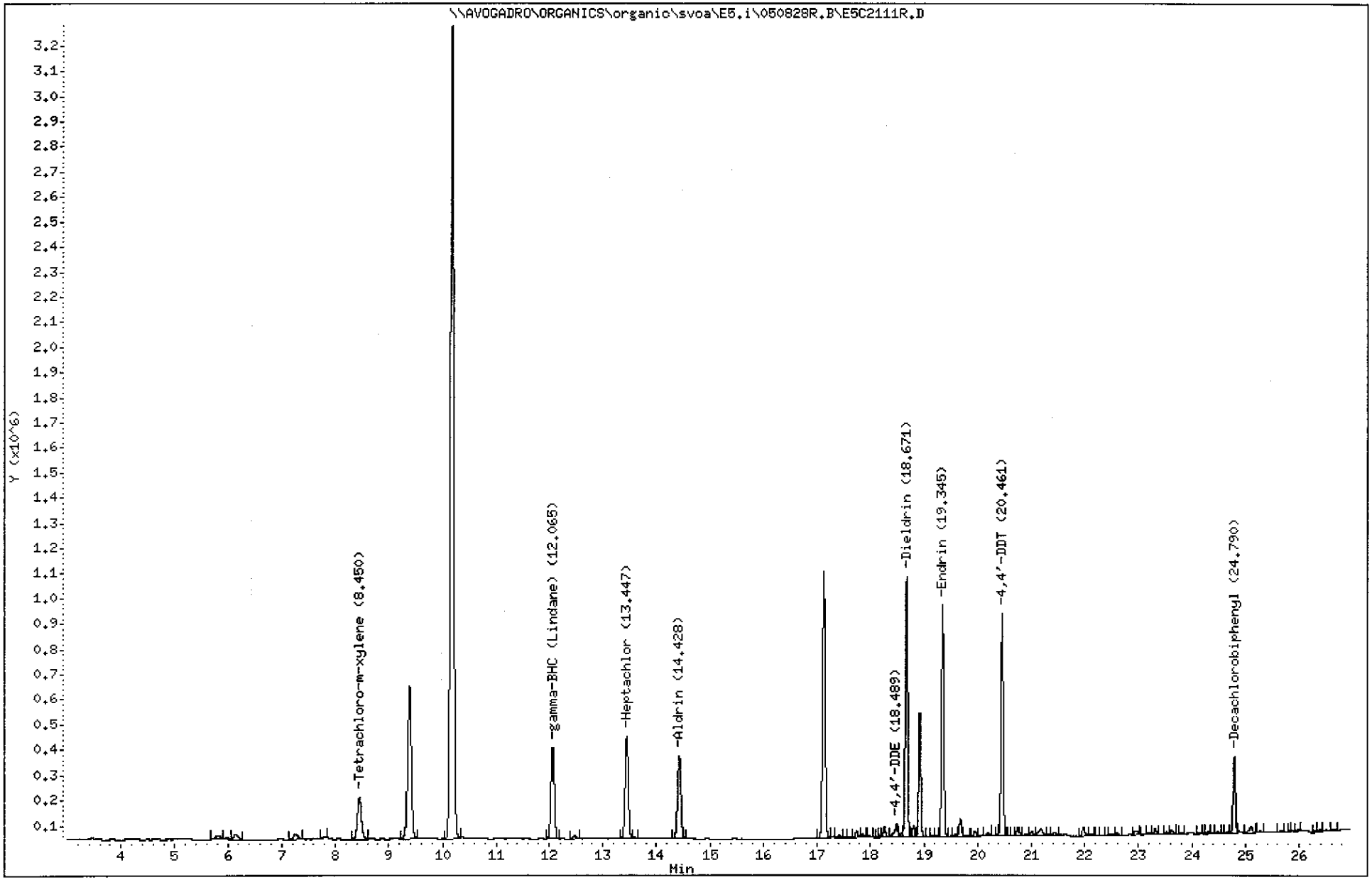
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	15	
76-44-8	Heptachlor	18	P
309-00-2	Aldrin	18	
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	38	
72-55-9	4,4'-DDE	2.5	JP
72-20-8	Endrin	45	
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	36	
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	75	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2111F.D
Date : 28-AUG-2005 20:10
Client ID: SS11-S-MMSD
Instrument: E5.i
Sample Info: D0926-19AMSD,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2111R.D
Date : 28-AUG-2005 20:10
Client ID: SS11-S-MMSD
Instrument: E5.i
Sample Info: D0926-19AMSD,,19467,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2111F.D
Report Date: 30-Aug-2005 13:09

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\E5C2111F.D
Lab Smp Id: D0926-19AMSD Client Smp ID: SS11-S-MMSD
Inj Date : 28-AUG-2005 20:10
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : D0926-19AMSD,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828F.B\clp-e5f.m
Meth Date : 30-Aug-2005 11:47 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101F.D
Als bottle: 20 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	11.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL			
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$	1 Tetrachloro-m-xylene					CAS #: 877-09-8		
	6.27	6.27	0.000	685038	0.03546	13		
$	2 Decachlorobiphenyl					CAS #: 2051-24-3		
	22.3	22.3	0.000	1368639	0.03867	14		
	4 gamma-BHC (Lindane)					CAS #: 58-89-9		
	9.42	9.42	0.000	1262464	0.04066	15		
	5 Heptachlor					CAS #: 76-44-8		
	10.9	10.9	0.000	5833072	0.15849	59		(AR)

Data File: E5C2111F.D
Report Date: 30-Aug-2005 13:09

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
6 Aldrin					CAS #: 309-00-2			
11.8	11.8	0.000	1653668	0.04871	18			
13 4,4'-DDE					CAS #: 72-55-9			
15.2	15.2	0.000	243895	0.00661	2.5			(a)
14 Dieldrin					CAS #: 60-57-1			
16.1	16.1	0.000	4155602	0.10228	38			
15 Endrin					CAS #: 72-20-8			
17.0	17.0	0.000	4019209	0.12411	46			
18 4,4'-DDT					CAS #: 50-29-3			
18.1	18.1	0.000	3573728	0.09555	36			

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

KL 8/30/05

Data File: E5C2111R.D
Report Date: 30-Aug-2005 13:09

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2111R.D
Lab Smp Id: D0926-19AMSD Client Smp ID: SS11-S-MMSD
Inj Date : 28-AUG-2005 20:10
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : D0926-19AMSD,,19467,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 11:42 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 20 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: SOIL
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	11.000	% Moisture

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
8.45	8.45	0.000	863938	0.03678		14	
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3	
24.8	24.8	0.000	907109	0.03747		14	
5 gamma-BHC (Lindane)						CAS #: 58-89-9	
12.1	12.1	0.000	1417831	0.04173		16	
6 Heptachlor						CAS #: 76-44-8	
13.4	13.4	0.000	1683054	0.04887		18	

Data File: E5C2111R.D
Report Date: 30-Aug-2005 13:09

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
7 Aldrin					CAS #: 309-00-2		
14.4	14.4	0.000	1459541	0.05076	19		
14 4,4'-DDE					CAS #: 72-55-9		
18.5	18.5	0.000	232813	0.00841	3.2		(a)
15 Dieldrin					CAS #: 60-57-1		
18.7	18.7	0.000	3110075	0.10279	38		
16 Endrin					CAS #: 72-20-8		
19.3	19.3	0.000	2721587	0.11989	45		
19 4,4'-DDT					CAS #: 50-29-3		
20.5	20.5	0.000	2512618	0.09948	37		

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC
8/30/05

2462

MIT

COLUMN ID:	
Position #	Date
1	8/16/
2	
3	
4	
5	8/16/
6	
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20	
21	
22	
23	

Acceptance Criteria: Ca...
Meh...
Pen...

Reviewed by

Logbook ID 50.01: 7-0

OGBOOK

TION VOLUME: 1 9

ents

REORDER# 18377-01

GPEI 0508 16 MVI
Svdr Pump: 1100
Cellule 2500
Hasty 10-00
Pest Pump 25-00
Colleju 1100
Wash: 1000

Water Heater

Pen Fence

Sulfur Gel Pad
Mesa Drive

Corn Oil

Pen Fence

Bldg 1

Bldg 2

Bldg 3

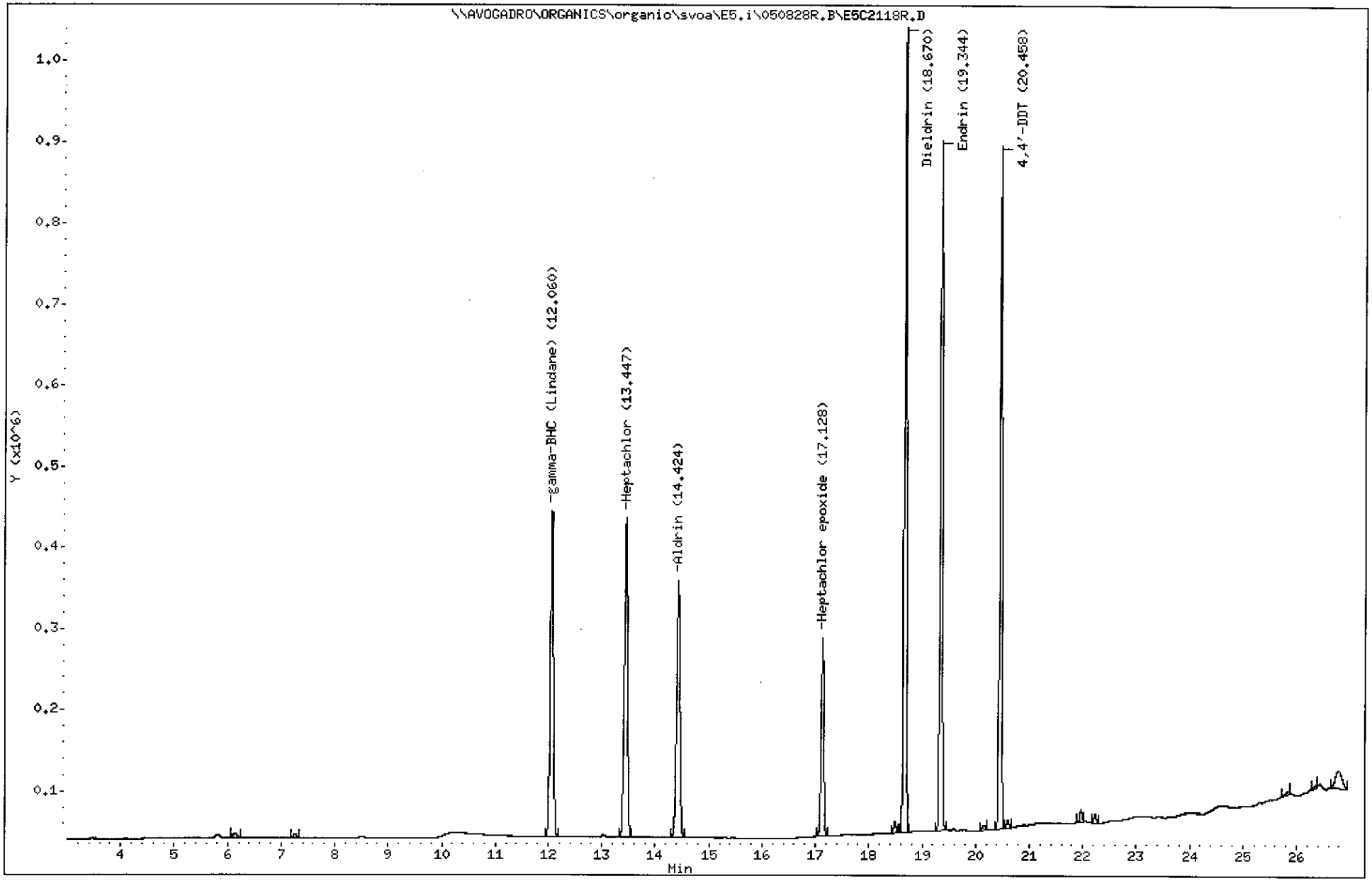
Mr Kuzzy Car Body

0 10 20 30 40 50 60 70 80 90 100

100 90 80 70 60 50 40 30 20 10 0

5.04 Acc

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2118R.D
Date : 28-AUG-2005 23:43
Client ID:
Instrument: E5.i
Sample Info: GPC0816-PMS1,,,,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2118R.D
Report Date: 30-Aug-2005 15:58

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2118R.D
Lab Smp Id: GPC0816-PMS1
Inj Date : 28-AUG-2005 23:43
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : GPC0816-PMS1,,,,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 11:42 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 25 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

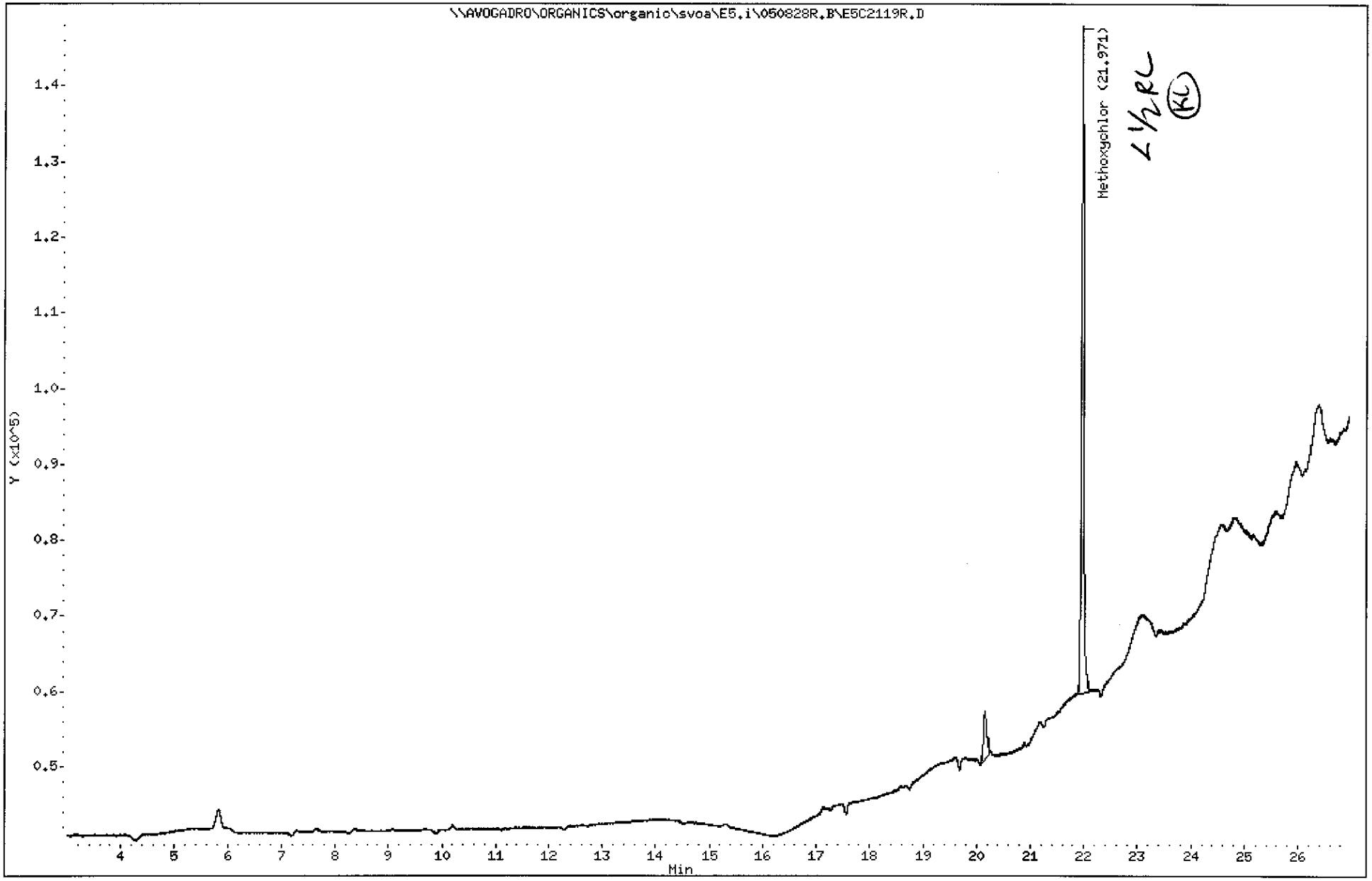
				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
12.1	12.1	0.000	1578560	0.04646	0.46		
6 Heptachlor					CAS #: 76-44-8		
13.4	13.4	0.000	1621758	0.04709	0.47		
7 Aldrin					CAS #: 309-00-2		
14.4	14.4	0.000	1386893	0.04823	0.48		
10 Heptachlor epoxide					CAS #: 1024-57-3		
17.1	17.1	0.000	838453	0.02901	0.29		

Data File: E5C2118R.D
Report Date: 30-Aug-2005 15:58

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
15 Dieldrin					CAS #: 60-57-1		
18.7	18.7	0.000	2972425	0.09824	0.98		
16 Endrin					CAS #: 72-20-8		
19.3	19.3	0.000	2502604	0.11025	1.1		
19 4,4'-DDT					CAS #: 50-29-3		
20.5	20.5	0.000	2382113	0.09432	0.94		

KL
8/30/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2119R.D
Date : 29-AUG-2005 00:14
Client ID:
Instrument: E5.i
Sample Info: GPC0816-PB1,,,,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2119R.D
Report Date: 30-Aug-2005 15:58

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2119R.D
Lab Smp Id: GPC0816-PB1
Inj Date : 29-AUG-2005 00:14
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : GPC0816-PB1,,,,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 11:42 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 26 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
22 Methoxychlor					CAS #: 72-43-5		
22.0	22.0	0.000	267808	0.20000	0.020		(a)

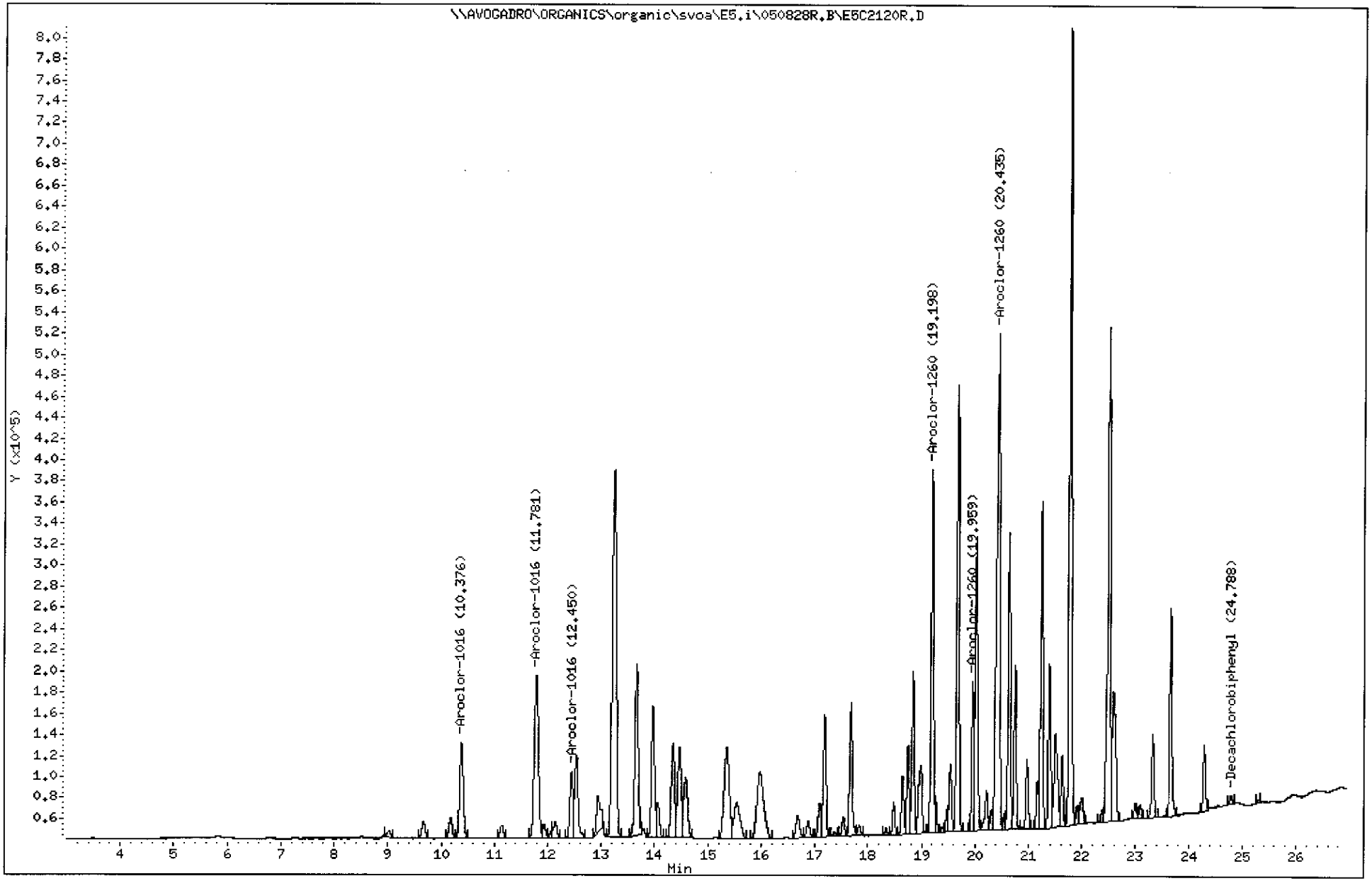
< ½ RL

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

KC
8/31/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2120R.D
Date : 29-AUG-2005 00:44
Client ID:
Instrument: E5.i
Sample Info: GPC0816-AROC1,,,,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2120R.D
Report Date: 30-Aug-2005 15:58

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2120R.D
Lab Smp Id: GPC0816-AROC1
Inj Date : 29-AUG-2005 00:44
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : GPC0816-AROC1,,,,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 11:42 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 27 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.8	24.8	0.000	24428	0.04000	0.0010		(a)
24 Aroclor-1016					CAS #: 12674-11-2		
10.4	10.4	0.000	422283	0.10000	0.89	80.00- 120.00	100.00(a)
11.8	11.8	0.000	827390	0.10000	0.88	175.93- 215.93	195.93
12.5	12.5	0.000	259950	0.10000	0.97	41.56- 81.56	61.56
Average of Peak Amounts =					0.912		
30 Aroclor-1260					CAS #: 11096-82-5		
19.2	19.2	0.000	1055829	0.10000	0.87	80.00- 120.00	100.00(a)
20.0	20.0	0.000	409463	0.10000	1.00	18.78- 58.78	38.78

Data File: E5C2120R.D
Report Date: 30-Aug-2005 15:58

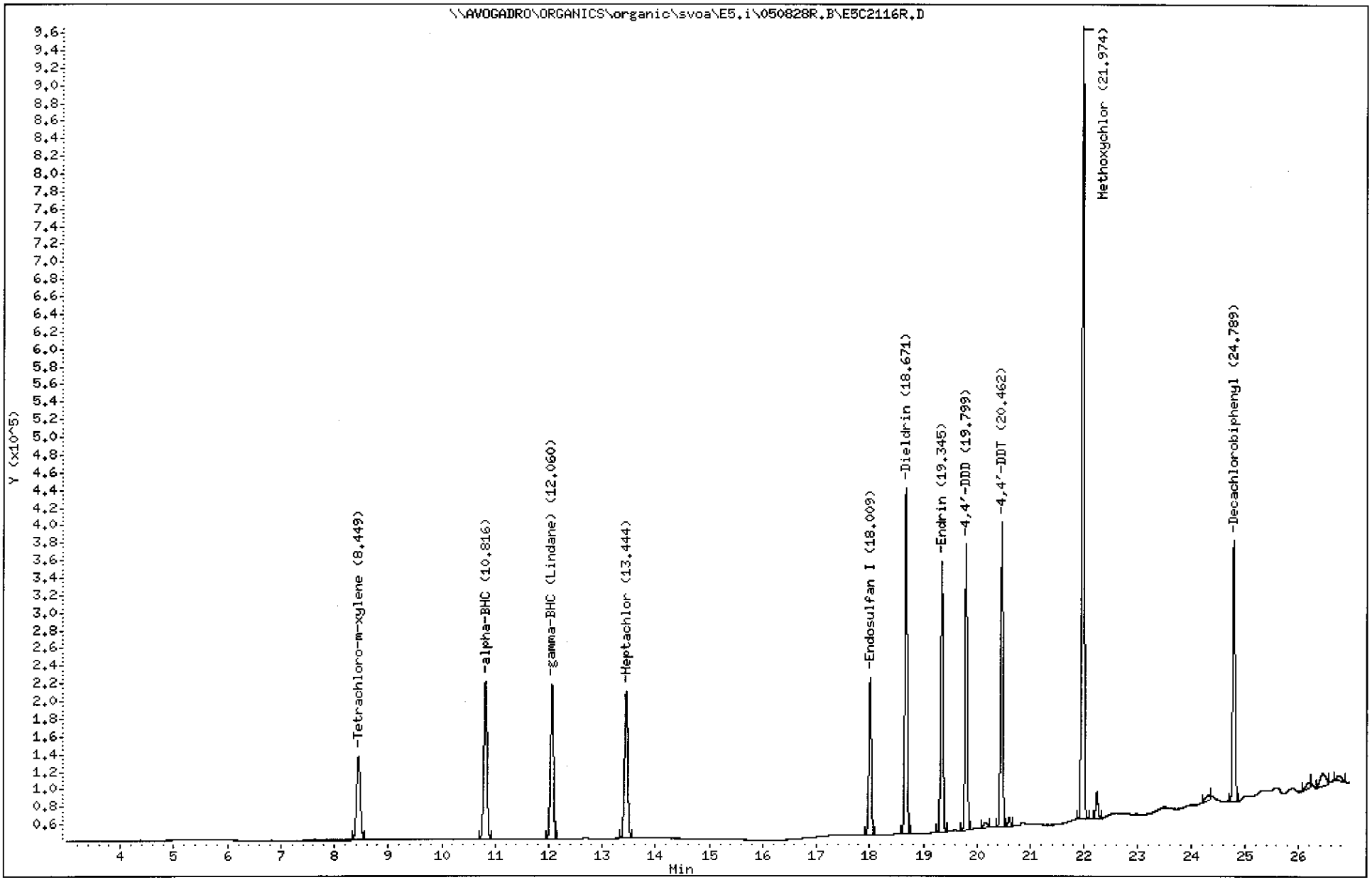
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO
30 Aroclor-1260 (continued)							
20.4	20.4	0.000	1995078	0.10000	1.0	168.96- 208.96	188.96
		Average of Peak Amounts =			0.956		

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC 8/3-4W

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2116R.D
Date : 28-AUG-2005 22:42
Client ID: INDAMZA
Instrument: E5.i
Sample Info: INDAMZA,INDAMZA,,inda,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2116R.D
Report Date: 30-Aug-2005 16:00

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2116R.D
Lab Smp Id: INDAMZA Client Smp ID: INDAMZA
Inj Date : 28-AUG-2005 22:42
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDAMZA,INDAMZA,,inda.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 11:42 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 23 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
RT	EXP RT	DLT RT	RESPONSE					
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
8.45	8.45	0.000	470971	0.02000	0.020			(a)
4 alpha-BHC						CAS #: 319-84-6		
10.8	10.8	0.000	733225	0.02000	0.020			(a)
5 gamma-BHC (Lindane)						CAS #: 58-89-9		
12.1	12.1	0.000	684831	0.02000	0.020			(a)
6 Heptachlor						CAS #: 76-44-8		
13.4	13.4	0.000	696678	0.02000	0.020			(a)

Data File: E5C2116R.D
Report Date: 30-Aug-2005 16:00

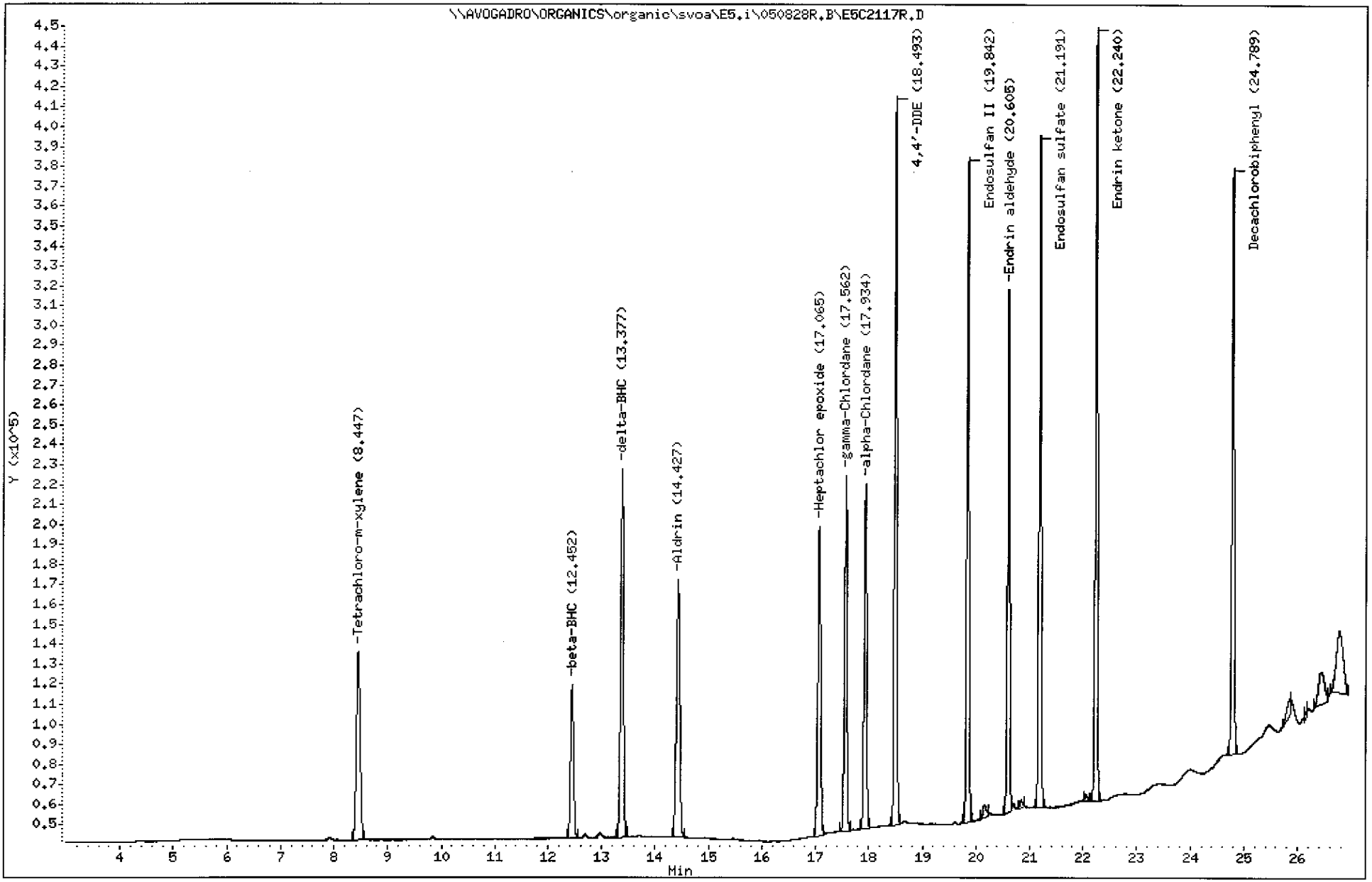
			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
11 Endosulfan I						CAS #: 959-98-8	
18.0	18.0	0.000	570672	0.02000	0.020		(a)
15 Dieldrin						CAS #: 60-57-1	
18.7	18.7	0.000	1197581	0.04000	0.040		(a)
16 Endrin						CAS #: 72-20-8	
19.3	19.3	0.000	917770	0.04000	0.040		(a)
17 4,4'-DDD						CAS #: 72-54-8	
19.8	19.8	0.000	923582	0.04000	0.039		(a)
19 4,4'-DDT						CAS #: 50-29-3	
20.5	20.5	0.000	980708	0.04000	0.039		(a)
22 Methoxychlor						CAS #: 72-43-5	
22.0	22.0	0.000	2585751	0.20000	0.19		(a)
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3	
24.8	24.8	0.000	887295	0.04000	0.037		(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC 8/31/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2117R.D
Date : 28-AUG-2005 23:13
Client ID: INDBMZA
Instrument: E5.i
Sample Info: INDBMZA,INDBMZA,,indb.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2117R.D
Report Date: 30-Aug-2005 16:00

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\E5C2117R.D
Lab Smp Id: INDBMZA Client Smp ID: INDBMZA
Inj Date : 28-AUG-2005 23:13
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBMZA,INDBMZA,,indb.sub,,
Misc Info : 2,,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050828R.B\clp-e5r.m
Meth Date : 30-Aug-2005 11:42 mtl Quant Type: ESTD
Cal Date : 28-AUG-2005 15:03 Cal File: E5C2101R.D
Als bottle: 24 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.45	8.45	0.000	461820	0.02000	0.020		(a)
7 Aldrin					CAS #: 309-00-2		
14.4	14.4	0.000	574632	0.02000	0.020		(a)
8 beta-BHC					CAS #: 319-85-7		
12.5	12.5	0.000	303159	0.02000	0.020		(a)
9 delta-BHC					CAS #: 319-86-8		
13.4	13.4	0.000	680528	0.02000	0.020		(a)

Data File: E5C2117R.D
Report Date: 30-Aug-2005 16:00

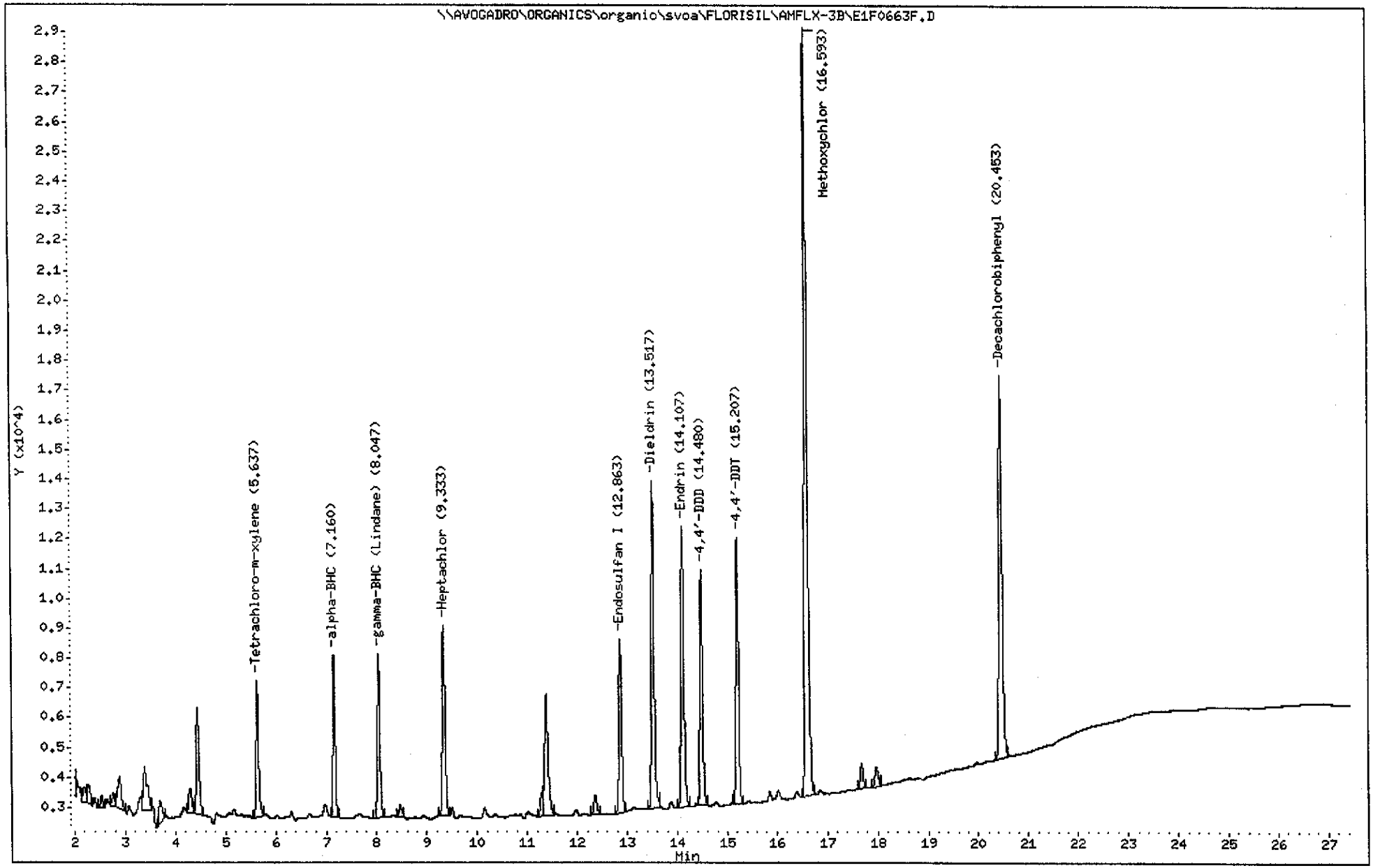
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
10 Heptachlor epoxide						CAS #: 1024-57-3		
17.1	17.1	0.000	575420	0.02000	0.020			(a)
12 gamma-Chlordane						CAS #: 5103-74-2		
17.6	17.6	0.000	578614	0.02000	0.020			(a)
13 alpha-Chlordane						CAS #: 5103-71-9		
17.9	17.9	0.000	548005	0.02000	0.020			(a)
14 4,4'-DDE						CAS #: 72-55-9		
18.5	18.5	0.000	1085562	0.04000	0.039			(a)
18 Endosulfan II						CAS #: 33213-65-9		
19.8	19.8	0.000	985018	0.04000	0.039			(a)
20 Endrin aldehyde						CAS #: 7421-93-4		
20.6	20.6	0.000	759989	0.04000	0.038			(a)
21 Endosulfan sulfate						CAS #: 1031-07-8		
21.2	21.2	0.000	973612	0.04000	0.038			(a)
23 Endrin ketone						CAS #: 53494-70-5		
22.2	22.2	0.000	1091741	0.04000	0.038			(a)
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3		
24.8	24.8	0.000	875812	0.04000	0.036			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KC
8/3/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\FLORISIL\AMFLX-3B\E1F0663F.D
Date : 28-JUN-2006 19:18
Client ID: AMFLX-3B
Instrument: E4.i
Sample Info: FLOWAMFLX-3B,,,,
Volume Injected (uL): 1.0
Operator: SZ
Column phase: CLPestII
Column diameter: 0.53



Data File: E1F0663F.D
Report Date: 15-Jul-2005 13:47

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\FLORISIL\AMFLX-3B\E1F0663F.D
Lab Smp Id: AMFLX-3B Client Smp ID: AMFLX-3B
Inj Date : 28-JUN-2005 19:18
Operator : SZ Inst ID: E4.i
Smp Info : FLOWAMFLX-3B,,,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\FLORISIL\AMFLX-3B\CLPFLO-F.m
Meth Date : 29-Jun-2005 17:41 mtl Quant Type: ESTD
Cal Date : 28-JUN-2005 17:46 Cal File: E1F0660F.D
Als bottle: 34 QC Sample: FLORISIL
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: florisil.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.64	5.63	0.010	15830	0.00882	0.0088		
3 alpha-BHC						CAS #: 319-84-6	
7.16	7.16	0.000	16730	0.00830	0.0083		
4 gamma-BHC (Lindane)						CAS #: 58-89-9	
8.05	8.05	0.000	17604	0.00894	0.0089		
5 Heptachlor						CAS #: 76-44-8	
9.33	9.33	0.000	23047	0.00921	0.0092		

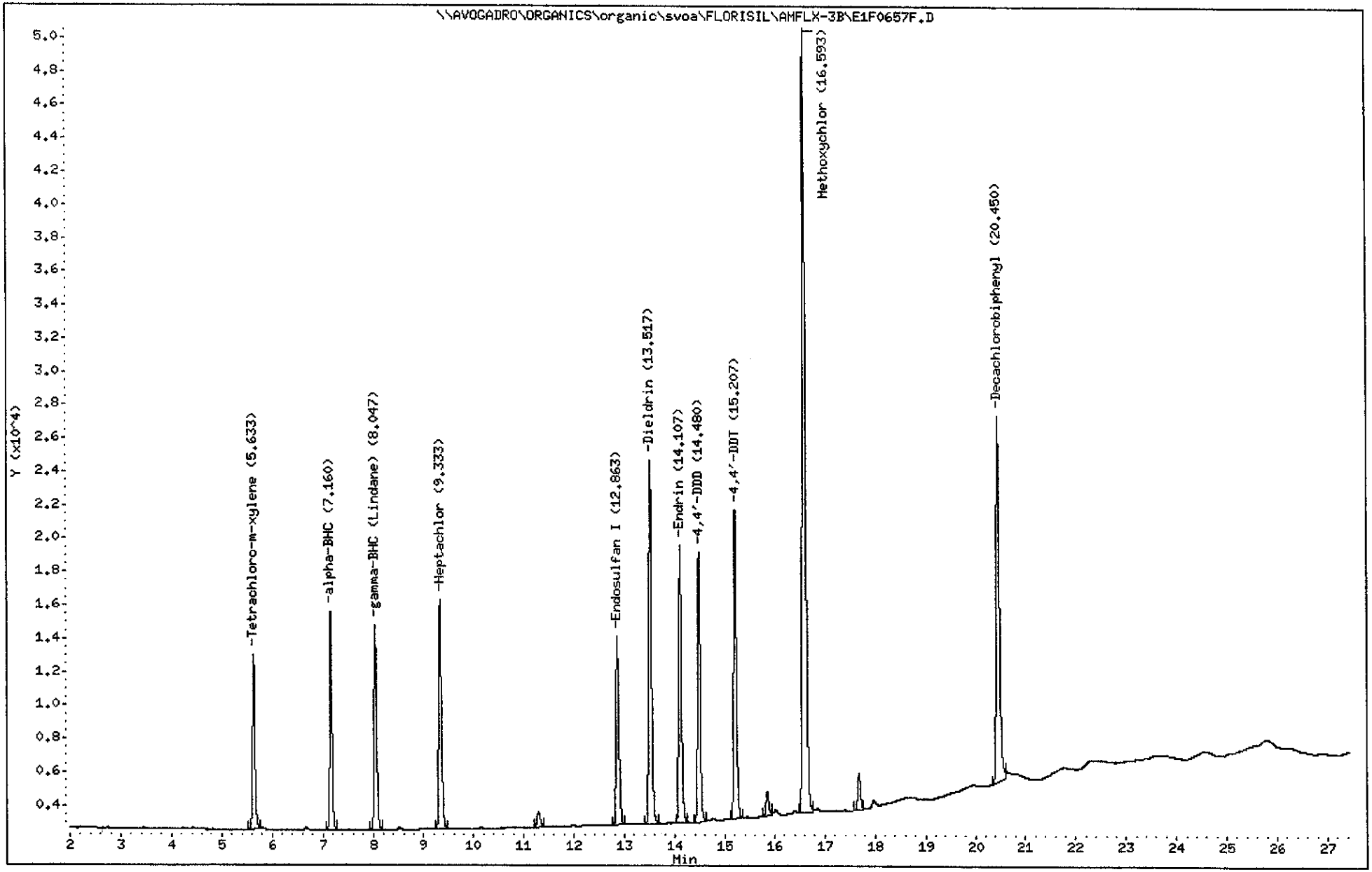
SZ 07/18/05

Data File: E1F0663F.D
Report Date: 15-Jul-2005 13:47

				CONCENTRATIONS ON-COL (ng)	FINAL (ng)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
10 Endosulfan I						CAS #: 959-98-8	
12.9	12.9	0.000	22078	0.01036	0.010		
14 Dieldrin						CAS #: 60-57-1	
13.5	13.5	0.000	40739	0.02026	0.020		
15 Endrin						CAS #: 72-20-8	
14.1	14.1	0.000	35176	0.02260	0.023		
16 4,4'-DDD						CAS #: 72-54-8	
14.5	14.5	0.000	27923	0.01922	0.019		
18 4,4'-DDT						CAS #: 50-29-3	
15.2	15.2	0.000	32895	0.01910	0.019		
21 Methoxychlor						CAS #: 72-43-5	
16.6	16.6	0.000	103940	0.10751	0.11		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
20.5	20.5	0.000	55584	0.02285	0.023		

Data File: \\AVOGADRO\ORGANICS\organic\svoa\FLORISIL\AMFLX-3B\E1F0657F.D
Date : 28-JUN-2005 13:08
Client ID: INDAKK
Sample Info: INDAKK,INDAKK,,inda.sub,,
Volume Injected (uL): 1.0
Column phase: CLPestII

Instrument: E4.i
Operator: SRC:
Column diameter: 0.53



Data File: E1F0657F.D
Report Date: 15-Jul-2005 13:47

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\FLORISIL\AMFLX-3B\E1F0657F.D
Lab Smp Id: INDAKK Client Smp ID: INDAKK
Inj Date : 28-JUN-2005 13:08
Operator : SRC: Inst ID: E4.i
Smp Info : INDAKK,INDAKK,,inda.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\FLORISIL\AMFLX-3B\CLPFLO-F.m
Meth Date : 29-Jun-2005 17:41 mtl Quant Type: ESTD
Cal Date : 05-JAN-2005 12:52 Cal File: E1E8517F.D
Als bottle: 29 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.63	5.63	0.000	35915	0.02000	0.020		(a)
3 alpha-BHC					CAS #: 319-84-6		
7.16	7.16	0.000	40330	0.02000	0.020		(a)
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
8.05	8.05	0.000	39398	0.02000	0.020		(a)
5 Heptachlor					CAS #: 76-44-8		
9.33	9.33	0.000	50068	0.02000	0.020		(a)
10 Endosulfan I					CAS #: 959-98-8		
12.9	12.9	0.000	42623	0.02000	0.020		(a)

SZ 07/15/05

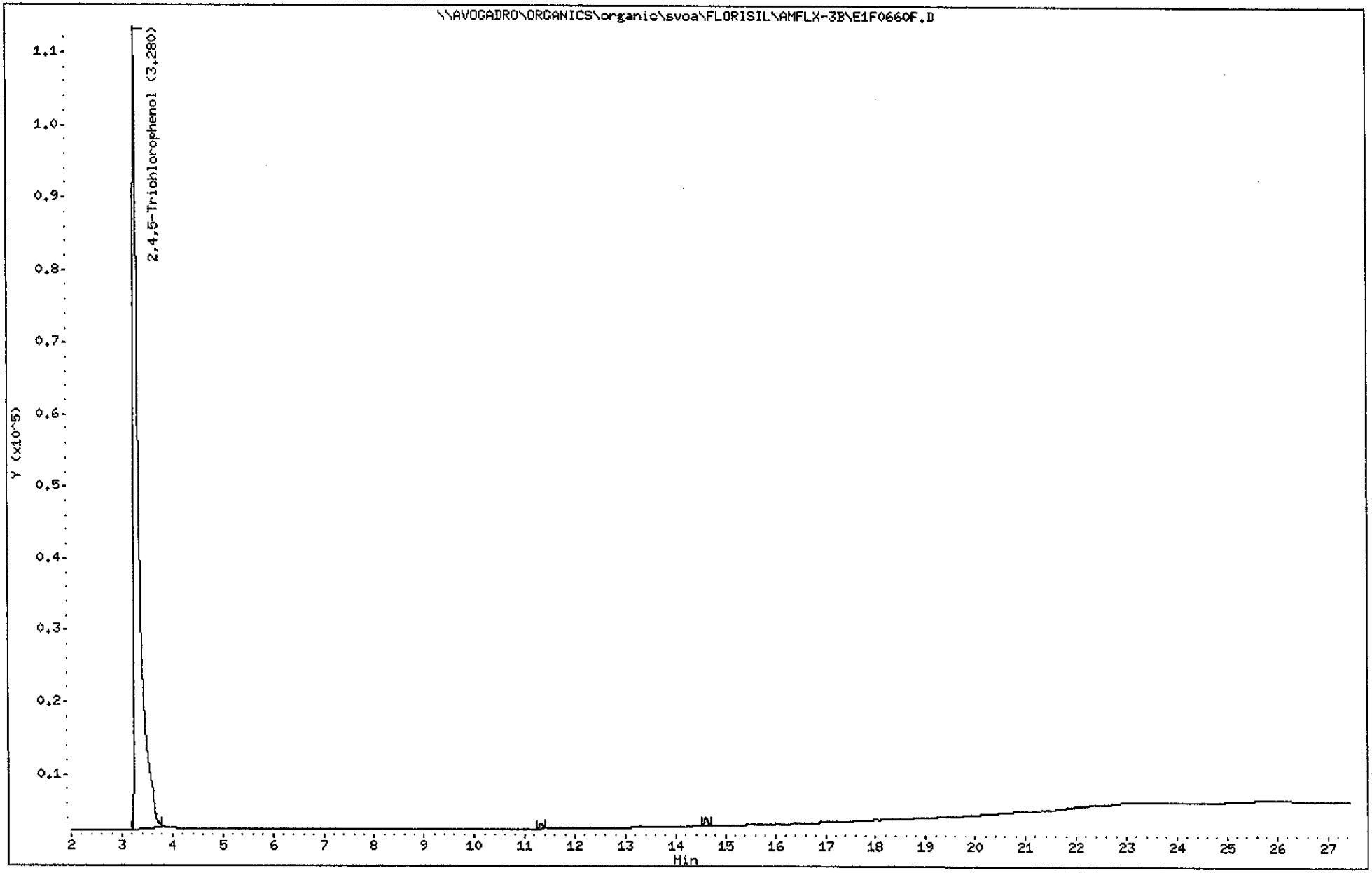
Data File: E1F0657F.D
Report Date: 15-Jul-2005 13:47

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Dieldrin						CAS #: 60-57-1		
13.5	13.5	0.000	80413	0.04000	0.040			(a)
15 Endrin						CAS #: 72-20-8		
14.1	14.1	0.000	62249	0.04000	0.040			(a)
16 4,4'-DDD						CAS #: 72-54-8		
14.5	14.5	0.000	58107	0.04000	0.040			(a)
18 4,4'-DDT						CAS #: 50-29-3		
15.2	15.2	0.000	68892	0.04000	0.040			(a)
21 Methoxychlor						CAS #: 72-43-5		
16.6	16.6	0.000	193359	0.20000	0.20			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
20.5	20.5	0.000	97316	0.04000	0.040			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: \\AVOGADRO\ORGANICS\organic\svoa\FLORISIL\AMFLX-3B\E1F0660F.D
Date : 28-JUN-2005 17:46
Client ID: 245-TCP
Instrument: E4.i
Sample Info: 245-TCP,245-TCP,,,,
Volume Injected (uL): 1.0
Operator: GML
Column phase: CLPestII
Column diameter: 0.53



Data File: E1F0660F.D
Report Date: 15-Jul-2005 13:47

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\FLORISIL\AMFLX-3B\E1F0660F.D
Lab Smp Id: 245-TCP Client Smp ID: 245-TCP
Inj Date : 28-JUN-2005 17:46
Operator : GML Inst ID: E4.i
Smp Info : 245-TCP,245-TCP,,,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\FLORISIL\AMFLX-3B\CLPFLO-F.m
Meth Date : 29-Jun-2005 17:41 mtl Quant Type: ESTD
Cal Date : 28-JUN-2005 17:46 Cal File: E1F0660F.D
Als bottle: 31 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 245TCP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
32 2,4,5-Trichlorophenol					CAS #:		
3.28	3.28	0.000	806970	0.10000	0.10		

SL 07/18/05

Sample Receiving Logbook

Workorder No. D0926

Client Name: E - E

Date Recv'd 8/9/05 **Sample #s** 01 - 03 **Storage Locations:** VOA, A5

Date Recv'd 8/10/05 (out of order) **Sample #s** 01 → 09 **Storage Locations:** VOA, A5

Date Recv'd 8/11/05 **Sample #s** 10 → 20 **Storage Locations:** VOA, A5

Date Recv'd _____ **Sample #s** _____ **Storage Locations:** _____

Date Recv'd _____ **Sample #s** _____ **Storage Locations:** _____

Date Recv'd _____ **Sample #s** _____ **Storage Locations:** _____

OUT		IN	
Relinquished By	**Received By**	**Relinquished By**	**Received By**
Date: 8/11/05 Init: AL	Date: 8/11/05 Init: AL	Date: Init:	Date: Init:
Samp. #s 1 - 9			
Date: 8/15/05 Init: JS	Date: 8/15/05 Init: MM	Date: 8/15/05 Init: JS	Date: 8/15/05 Init: MM
Samp. #s 01 - 11 ; 13 - 20		01 - 11 ; 13 - 20	
Date: 8/15 Init: AL	Date: 8/15 Init: AL	Date: 8/17 Init: AL	Date: 8/17 Init: AL
Samp. #s 10 - 20		10 - 20	
Date: 8/17 Init: AL	Date: 8/17 Init: AL	Date: Init:	Date: Init:
Samp. #s 1 - 14 B		BV 8/18/05	
Date: 8/17 Init: AL	Date: 8/17 Init: AL	Date: ~~8/18/05~~ Init: ~~BV~~	Date: Init:
Samp. #s 1A - 20A			
Date: 8/18/05 Init: BV	Date: 8/18/05 Init: KB	Date: 8/18/05 Init: BV	Date: 8/18/05 Init: SN
Samp. #s 1 - 7 - 20		1 - 20	
Date: 8/25/05 Init: BV	Date: 8/25/05 Init: SN	Date: 8/25/05 Init: BV	Date: 8/25/05 Init: BV
Samp. #s 1 - 7, 8 - 20		1 - 20	
Date: 8/26/05 Init: JS	Date: 8/26/05 Init: BA	Date: 8/26/05 Init: JS	Date: 8/26/05 Init: BA
Samp. #s 7		7	

Comments: _____

Please record analyst's initials, date, and sample #s removed. Add any comments if necessary (broken bottles, empty jars, etc.)

Logbook ID: 30.0287-07/05 **Reviewed:** SDL 9/2/05

MITKEM CORPORATION **pH Determination Logbook**

pH Meter:

Date	Sample ID		pH Reading	Buffer IDs	Comments	Analyst
8/17/05	pH 4.0		4.01	IWP050227B	2 After Calibration	AL
	pH 10.0		10.01	IWP050227C	5	
	pH 7.0		7.00	IWP040413B		
	D0426	01A	6.62 ✓			
		02A	6.91			
		03A	7.06			
		04A	6.45			
		05A	4.54			
		06A	6.79			
		07A	6.84			
		08A	7.37			
		09A	7.35			
		10A	6.14			
		11A	5.90			
		12A	5.66			
		13A	7.35			
		14A	7.14			
		15A	6.52			
		16A	6.31			
		17A	6.42			
		18A	6.00			
		19A	5.69			
✓	D0426	20A	5.51			✓
8/17/05	pH 7.0		7.00			AL

pH LCS (Buffer 7.00) Acceptance Criteria:
±0.05 S.U.
Frequency: at least every 20 samples

Calibration Check Criteria:
pH Buffer: 4.00±0.05 S.U.
10.00+0.05 S.U.
7.00+0.05 S.U.

Logbook ID: 30.0210-03/05

Reviewed by _____ **Page #:** 0031

Level 1 QA Review **Data Entry to LIMS** **Level 2 QA Review**

_____ _____ SBC 9/2/05

Percent Moisture and Percent Solids Report

Mitkem Sample ID	Client Sample ID	Analyzed	Percent Moisture	Percent Solids	Validated
D0926-01A	OTMI-SD03-S-O	08/11/2005	70	30	Yes
D0926-02A	OTMI-SD02-S-O	08/11/2005	79	21	Yes
D0926-03A	OTMI-SD02-S-D	08/11/2005	78	22	Yes
D0926-04A	OTMI-SD12-S-O	08/11/2005	63	37	Yes
D0926-05A	OTMI-SD01-S-O	08/11/2005	72	28	Yes
D0926-06A	OTMI-SD07-S-O	08/11/2005	48	52	Yes
D0926-07A	OTMI-SD07-S-M	08/11/2005	47	53	Yes
D0926-08A	OTMI-SD05-S-O	08/11/2005	76	24	Yes
D0926-09A	OTMI-SD06-S-O	08/11/2005	55	45	Yes
D0926-10A	OTMI-SD09-S-O	08/15/2005	40	60	Yes
D0926-11A	OTMI-SD08-S-O	08/15/2005	69	31	Yes
D0926-12A	OTMI-SD10-S-O	08/15/2005	50	50	Yes
D0926-13A	OTMI-SD11-S-O	08/15/2005	81	19	Yes
D0926-14A	OTMI-SD04-S-O	08/15/2005	71	29	Yes
D0926-15A	OTMI-SS02-S-O	08/15/2005	10	90	Yes
D0926-16A	OTMI-SS03-S-O	08/15/2005	14	86	Yes
D0926-17A	OTMI-SS05-S-O	08/15/2005	13	87	Yes
D0926-18A	OTMI-SS10-S-O	08/15/2005	12	88	Yes
D0926-19A	OTMI-SS11-S-M	08/15/2005	11	89	Yes
D0926-20A	OTMI-SS10-S-D	08/15/2005	12	88	Yes

MITKEM CORPORATION: ORGANIC PREP - CLP Pesticides/PCB

Date	Analysis	Method & SOP #		Sample Matrix	Project(s)
8.15.05	OLM_PP	AQ: 3510C(SepF) 3520C(Liq/Liq) Other:		Aqueous (Soil) Other:	D0926
		Soil: 3540C(Soxhlet) (3550B(Sonic))			

Blank ID	LCS ID	Analyst:	Spiker:	Witness:	Solvent Lot #	Acid Lot #	Time Started:	GPC Batch #	Florisil Lot #
19467	19467	mm	mm	BA	B22ET2	—	11:00		AMFLX·3B
							Time Ended:		

Lab ID	Sample ID	Wt/Vol Extracted	Surrogate Added	Matrix Spike Added	pH	KD prior to GPC Date/Analyst		Vol. pre GPC	GPC Date/Analyst		KD after GPC Date/Analyst		Vol. pre Florisil	Florisil Date/Analyst		Final Vol.	Date Ext.
MB 19467		30.0	OPW 050712A 2 mL	—	7	8.18.05	mm	10 mL	8.19.05	JS	8.22.05	mm	2.5 mL	8.22.05	mm	1 mL	8.22.05
LCS 19467		30.0		OPW 050222B 1 mL													
D0926 ✓	01A	30.0		—													
✓	02A	30.0															
✓	03A	30.0															
✓	04A	30.0															
✓	05A	30.0															
✓	06A	30.0															
✓	07A	30.0		—													
✓	07A MS	30.0		OPW 050222F B 1 mL													
✓	07A MSD	30.0		OPW 050222F B 1 mL													
✓	08A	30.0		—													
✓	09A	30.1															
✓	10A	30.1															
✓	11A	30.1															
✓	12A	30.0															
✓	13A	30.0															
✓	14A	30.1															
✓	15A	30.0															
✓	16A	30.0															
D0926 ✓	17A	30.0	OPW 050712A 2 mL	—	7	08.18.05	mm	10 mL	8.19.05	JS	8.22.05	mm	2.5 mL	8.22.05	mm	1 mL	8.22.05

Comments: _____

Sonicator Tuned? (Yes) No

Water Bath Temp

Sodium Sulfate Lot #: SS: ONE 050812B

Hexane Lot #: AUG E05

MITKEM CORPORATION: ORGANIC PREP - CLP Pesticides/PCB

Date	Analysis	Method & SOP #	Sample Matrix	Project(s)
8.15.05	OLM - PP	AQ: 3510C(SepF) 3520C(Liq/Liq) Other: _____ Soil: 3540C(Soxhlet) (3550B(Sonic))	Aqueous (Soil) Other:	D0926

Blank ID	LCS ID	Analyst:	Spiker:	Witness:	Solvent Lot #	Acid Lot #	Time Started: 11:00 Time Ended:	GPC Batch #	Florisil Lot #
19467	19467	MM	MM	BA	B22E52	—			

Lab ID	Sample ID	Wt/Vol Extracted	Surrogate Added	Matrix Spike Added	pH	KD prior to GPC Date/Analyst		Vol. pre GPC	GPC Date/Analyst		KD after GPC Date/Analyst		Vol. pre Florisil	Florisil Date/Analyst		Final Vol.	Date Ext.
D0926	18A	30.0	OPH 050712A 2 mL	—	7	8.18.05	MM	10 mL	8.19.05	JS	8.22.05	MM	2.5 mL	8.22.05	MM	1 mL	8.22.05
	19A	30.0		—													
	19A MS	30.0		OPH 050225B 1 mL													
	19A MSD	30.0		OPH 050225B 1 mL													
D0926	20A	30.0	OPH 050712A 2 mL	—	7	8.18.05	MM	10 mL	8.19.05	JS	8.22.05	MM	2.5 mL	8.22.05	MM	1 mL	8.22.05

8.15.05 MM

Comments: _____

Sonicator Tuned? (Yes) No

Water Bath Temp

Sodium Sulfate Lot #: SS: OUR 050812 B

Hexane Lot #: _____

MITKEM CORPORATION: INSTRUMENT GPC 1 LOGBOOK

COLUMN ID: 5.X3 · A12 | DATE CALIBRATED: 8/16/15 | INJECTION VOLUME: 5 µL

Date	Position #	Project ID	Sample ID	Analysis	Analyst	Comments
8/16/15	1	050816	WI	GPC Cal	JS	
	2	"	SOI	GPC Check	"	
	3	"	PBI	"	"	
	4	"	PHSI			
8/16/15	5	OJ0816	ArCli	GPC Check	JS	
	6					
	7					
	8					
	9					
	10					
	11					
	12			JS 8/16/15		
	13					
	14					
	15					
	16					
	17					
	18					
	19					
	20					
	21					
	22					
	23					

Acceptance Criteria: Corn oil & phthalate peaks > 85.0% resolution
Phthalate & methoxyclor peaks > 85.0% resolution
Methoxychlor & perylene peaks > 85.0% resolution
Perylene & sulfur peaks: No saturation & > 90.0% baseline resolution

Flow Rate: 5.04 mL/min

Reviewed by _____

MITKEM CORPORATION: INSTRUMENT GPC 1 LOGBOOK

COLUMN ID:		XB.A12		DATE CALIBRATED: 8/16/5		INJECTION VOLUME: 5 uL
Date	Position #	Project ID	Sample ID	Analysis	Analyst	Comments
8/18/5	1	MB 19467		OLM PEST	TS	
	2	LCS 19467				
	3	D0926	01A			
	4		02A			
	5		03A			
	6		04A			
	7		05A			
	8		06A			
	9		07A			
	10		07A MS			
	11		07A MSD			
	12		08A			
	13		09A			
	14		10A			
	15		11A			
	16		12A			
	17		13A			
	18		14A			
	19		15A			
	20		16A			
	21		17A			
	22		18A			
8/18/5	23	D0926	19A	OLM PEST	TS	

Acceptance Criteria: Corn oil & phthalate peaks > 85.0% resolution
Phthalate & methoxyclor peaks > 85.0% resolution
Methoxychlor & perylene peaks > 85.0% resolution
Perylene & sulfur peaks: No saturation & > 90.0% baseline resolution

Flow Rate: 5.04 mL/min

Reviewed by _____

MITKEM CORPORATION: INSTRUMENT GPC 1 LOGBOOK

COLUMN ID: 5.X3.A2				DATE CALIBRATED: 8/16/5		INJECTION VOLUME: 5mL
Date	Position #	Project ID	Sample ID	Analysis	Analyst	Comments
8/19/5	1	MB 19507		OCM PEST	TS	
	2	LCS 19507				
	3	D0926	19A MS			
	4	↓	19A MSD			
	5	D0926	20A			
	6	D0946	01A			
	7		01A MS			
	8		01A MSD			
	9		02A			
	10		03A			
	11		04A			
	12		05A			
	13		06A			
	14		07A			
	15		08A			
	16		09A			
	17		10A			
	18		11A			
	19		12A			
	20		13A			
	21		14A			
↓	22	↓	15A	↓	↓	
8/19/5	23	D0946	16A	OCM Pest	TS	

Acceptance Criteria: Corn oil & phthalate peaks > 85.0% resolution
Phthalate & methoxyclor peaks > 85.0% resolution
Methoxychlor & perylene peaks > 85.0% resolution
Perylene & sulfur peaks: No saturation & > 90.0% baseline resolution

Flow Rate: 3.04 mL/min

Reviewed by _____

MITKEM CORPORATION EXTRACTS TRANSFER LOGBOOK: PESTICIDES/PCB ANALYSIS

Date Transferred from Prep Lab	Lab ID		Transferred by	Received by	Storage Location	Comments
8.22.05	MB 19467		MM	KL ✓	R4	
	LCS 19467			✓		
	D0926	01A				
		02A				
		03A				
		04A				
		05A				
		06A				
		07A				
		07A MS				
		07A MSD				
		08A				
		09A				
		10A				
		11A				
		12A				
		13A				
		14A				
		15A				
		16A				
		17A				
		18A				
		19A				
		101A MS				
↓	↓	101A MSD	↓			
8.22.05	D0926	20A	MM	↓	↓R4	
8.23.05	MB 19507		MM	KL	R4	
	LCS 19507					
	D0946	01A				
↓	↓	01A MS	↓			
8.23.05	D0946	01A MSD	MM	↓KL	↓R4	

Logbook ID: 60.0132 - 06/05

Reviewed by SDL 9/2/05

MITKEM CORPORATION - PEST/PCB RUN LOGBOOK: INSTRUMENT E2

Sequence: E2050817 | Method: SOM3 | ICAL Date: 8/17/05

Date	Sample ID		Client ID	File Name		Dilution	F	R	Comments	Analyst
8/17/05	Prime			E2E73	76-77					SZ
	Resc	E1	Resc E1		78		+	+	PW 050601A	
	PEM	E1	PEM E1		79		+V	V	PW 050814A	
	AR1660	E1	AR1660 E1		80				PW 050718A	
	1221		1221		81				PW 050309A	
	1232		1232		82				PW 050309B	
	1242		1242		83				PW 050309C	
8/17/05	1248		1248		84				PW 050309D	
8/18/05	AR1254		AR1254 E1		85		PW050228A		PW 050504A	
	TOXAPH	E1	TOXAPH E1		86		PW		PW 050510F	
	INDAL		INDAL		87				PW 050613E	
	INDBL		INDBL		88				PW 050510D	
	INDAM		INDAM		89		+V	+	PW 050613C	
	INDBM		INDBM		90		+V	+	PW 050510B	
	INDAH		INDAH		91				PW 050613A	
	INDBH	E1	INDBH E1		92				PW 050613A	
	PIBLK	E2	PIBLK E2		93				PW 050504E	
	PEM	E2	PEM E2		94		+V	V+	PW 050814A	
	MB-18837A		PBLK2A		95		V			
	LCS-18837		P2A1ES		96					
	D0753-01A		SS004DL		97	5X	V			
	-04A		SS01DL	E2E73	98	20X	—			
	-05A		SS002DL	E2E73	99	6X	V			
	-07A		GS005DL	E2E74	00	50X	V			
	-08A		GS006DL		01	25X	V			
	-10A		GS008DL		02	25X	V			
	-12A		GS011DL		03	5X	V			
8/18/05	D0753-13A		GS013DL	E2E74	04	50X	V			SZ

Standard ID's

Comments

Logbook ID 60.0176-04/05

Reviewed by SBL 9/2/05

2494

MITKEM CORPORATION - PEST/PCB RUN LOGBOOK: INSTRUMENT E2

Sequence: E2 050822/E2 050823 | Method: SOM3 | ICAL Date: 8/17/05

Date	Sample ID	Client ID	File Name		Dilution	F	R	Comments	Analyst
8/23/05	GPC 0809	PB1	E2E74	85		✓			SZ
	GPC 0810	AROC		86		✓			
	GPC 0811	DMS2		87		✓		Time out?	
	↓	-PB2		88		✓			
	GPC 0812	-AROC2		89		✓			
	PIBLK EJ			90		✓			
8/23/05	DEM EJ			91		✓	✓		
8/23/05	MB-19467			92				no Infor	
	LCS-19467			93				no DCs	
	D0926-01A			94					
	04A			95				60? need re-ext 8/29/05 SZ	
	05A			96					
	09A			97					
	10A			98					
	PIBLK EK		E2E74	99					
	PIBLK EK	PIBLKEK	E2E75	00		✓			
	INBAM EK	INDAMEK		01		✓	✓		
	INDBM EK	INDBMEK		02		↑	↑	re-inject	
	INDBM4 EK			03		-		still high	
	D0926-02			04				Screening only	
	03			05				✓	
	06A			06				✓ need zeros	
	07A	SD07-5M		07				✓	
	08A			08				✓ no DCs	
	11A			09				SZ 8/29/05	
	12A			10					
	13A			11					
8/03/05	D0926-14A		E2E75	12					SZ

Standard ID's

PEM PW 050817A
AM PW 050510D
BM PW 050613C

Comments

Logbook ID 60.0176-04/05

Reviewed by_____

2495

MITKEM CORPORATION - PEST/PCB RUN LOGBOOK: INSTRUMENT E2

Sequence: E2050823 | Method: SOM13 | ICAL Date: 8/17/05

Date	Sample ID		Client ID	File Name		Dilution	F	R	Comments	Analyst
8/24/05	MBLK		PIBLKDK	E2E75	13					SZ
	MBLK ~~DK~~		~~DEMDI~~ KC	8/3/05	14		✓		00:58	
	PEM ~~DK~~		PE14DK		15		✓	✓		
	D0926	15A	SS02-S-O		16			✓		
	"	16A	SS03-		17				need 20mM	
	"	17A	SS05-		18				no DL	
	"	18A	SS10-S-O		19					
	"	19A	SS11-S-M		20					
	D0926	20A	SS10-S-D		21					
	MBLK	DL			22				05:48	
	IVSAM	DL	KC 8/3/05		23		✓	✓		✓
8/24/05	IVSAM	DL		E2E75	24		1	1	CKT F,R B-MCT D	SZ

08/24/05

SZ

Standard ID's

PEM DW 050817 A
AM DW 050510 D
BM DW 050613 C

Comments

Logbook ID 60.0176-04/05

Reviewed by_____

2496

MITKEM CORPORATION - PEST/PCB RUN LOGBOOK: INSTRUMENT E2

Sequence: E20508 24 | Method: 5OM3 | ICAL Date: 8/17/05

Date	Sample ID		Client ID	File Name		Dilution	F	R	Comments	Analyst
8/24/05	PIBLK	EL		E2E75	25		✓	✓	10:36	SZ
	PEM	↓			26		+ ✓	+ ✓		
	INDB	EL			27				DO NOT NEEDED	
	MB-19467		BBLK2LE		28			✓		
	LCS-19467		P2ELCS		29			✓		
	D0926-01A		SD03-S-0		30			✓		
	04A		SD12-S-0		31			✓	60?	
	05A		SD01-S-0		32			✓		
↓	09A		SD06-S-0	↓	33			✓		
	D0926-10A		SD09-S-0		34			✓		
	~~PIBLK~~	~~EK~~	(K1)		35					
	PIBLK	EM	PIBLKE74		36			✓	17:27	
	INDAM	↓			37		✓		~~re-inject fresh~~	
	INDBM				38		✓	✓		
	INDAM	↓	INDAMEM4		39		+ ✓	✓ +		
	INDBM	EM	INDBMEM		40		+ ✓	✓ +		
	D0926-02A		SD02-S-0		41			✓	m on DCB-R	
	03A		SD02-S-D		42			✓		
	06A		SD07-S-0		43			✓	60? m on DB1(E)	
	08A		SD05-		44			✓		
↓	11A		SD08-		45			✓		
8/24/05	12A		SD10-		46			✓	1254	
8/25/05	13A		SD11- ↓		47			✓		
	D0926-14A		SD04-S-0		48			✓		
	~~PIBLK~~	~~EK~~	(K)		49					
	PIBLK	EN	PIBLKEN		50			✓	01:54	
↓	PEM	EN	PEMEN	↓	51		+ ✓	✓ +		↓
8/25/05	D0926-15A		RESSU-S-0RE	E2E75	52			✓		SZ

Standard ID's

PEM	PW050817A
AM	PW050510D
BM	PW050613C

Comments

Logbook ID 60.0176-04/05

Reviewed by _____

2497

MITKEM CORPORATION - PEST/PCB RUN LOGBOOK: INSTRUMENT E2

Sequence: E2050824 | Method: SOM3 | ICAL Date: 8/17/05

Date	Sample ID	Client ID	File Name	Dilution	F	R	Comments	Analyst
8/25/05	D0926	16ARE SS03-S-DRE	E2E75	53		✓		SZ
		17ARE SS05-S-DRE		54		✓		
		18ARE SS10-S-DRE		55		✓		
		19ARE SS11-S-MRE		56		✓		
		20ARE SS10-S-DRE		57		✓		
		07ARE SS07-S-MRE		58		✓	1260 DDT-m in R	
		07AMS		59		✓	not needed	
		07AMSD		60		✓		
		19AMS		61		✓		
	D0926	19AMSD		62		✓		
	PIBLK	LEP		63				
	PIBLK	PIBLKEP		64		✓	(10:20) R	
	INDAM	INDAMEP		65	1↑+	✓+	Methox ↑ R	
	INDBM	LEP INDABEP	E2E75	66	1↑+	2↑+	ERK↑ ES↑ EK↑	
	PEBLK	LEQ		67				
	PIBLK	PIBLKEQ		68		✓	(14:39)	
	PLEM	LEQ PEMEQ		69	+✓	✓+		
	INDB			70			NOT NEEDED	
	AR1254	LEQ AR1254ER		71		✓		
	AR1660	LEQ AR1660EQ		72		✓	'm'	
	PIBLK	LER PIBLKER		73			(17:14)	
	INDAM	INDAMER		74	+✓	+✓	.aldrin	int in RT=/R is column
	INDBM	INDBMER		75	+✓	+✓	~~d-B aldrin~~ ~~wnd.~~	K 8/19/N
	INDAM			76				
	INDBM	LER		77			ends at d window	
	D0926 -	07AM		78				
	↓ -	07AMD		79				
	D0926 -	19AM	E2E75	80				SZ

Standard ID's

PLEM PW050817A
AM PW050510D
BM PW050613C

Comments

Logbook ID 60.0176-04/05

Reviewed by _____

2498

MITKEM CORPORATION - PEST/PCB RUN LOGBOOK: INSTRUMENT E5

Sequence: E505028 | Method: CLP02X1 | ICAL Date: 8/28/05

Date	Sample ID		Client ID	File Name		Dilution	F	R	Comments	Analyst
8/28	RESC	Z1	RESC Z1	E5C20	91	✓	+ ✓	+ ✓	PW050601A	SZ
	PEM		PEM		92		+	+	PW050824A	
	AR1660		AR1660 Z1		93				PW050718A	
	1221		1221		94				PW050309B	
	1232		1232		95				PW050309C	
	1242		1242		96				PW050309D	
	1248		1248		97				PW050309E	
	AR1254		AR1254		98				PW050829B	
	TOXPH		TOXPH		99				PW050504A	
	INDAL		INDAL	E5C21	00				PW050510DF KG 8/29/05	
	INDBL		INDBL		01				PW050613B	
	INDAM		INDAM		02		+	+	PW050510D	
	INDBM		INDBM		03		+	+	PW050613C	
	INDAH		INDAH		04				PW050510B	
	INDBH	Z1	INDBH Z1		05				PW050613A	
	PIBLK	Z2	PIBLK Z2		06		✓			
	PEM	Z2	PEM Z2		07		✓ +	+ ✓		
	MB-19467		PBLK5D		08					
	MB-19467		PBLK5D		09		✓			
	D0926-19AMS		SS11-S-MHD		10		✓			
	-19AMSD		SS11-S-MSD		11		✓			
	-06AMS		SD07-S-MHD		12		✓			
	D0926-06AMSD		SD07-S-MHD		13		✓			
	PIBLK Z	A			14			✓		
	PIBLK Z	A			15			✓	22:12	
	INDA	ZA			16		✓	✓		
	INDB	ZA			17		✓	✓		
8/29	GPC0816-PHS			E5C21	18					SZ

Standard ID's

23:43

Comments

Logbook ID: 60.0225-12/04 Reviewed _____ Page: 073

MITKEM CORPORATION

* Metals/Cyanide *

U.S. EPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

SOW No.: ILM05.3

EPA Sample No.	Lab Sample ID.
SD01-S-O	D0926-05
SD02-S-D	D0926-03
SD02-S-O	D0926-02
SD03-S-O	D0926-01
SD04-S-O	D0926-14
SD05-S-O	D0926-08
SD06-S-O	D0926-09
SD07-S-M	D0926-07
SD07-S-MD	D0926-07DUP
SD07-S-MS	D0926-07MS
SD07-S-O	D0926-06
SD08-S-O	D0926-11
SD09-S-O	D0926-10
SD10-S-O	D0926-12
SD11-S-O	D0926-13
SD12-S-O	D0926-04
SS02-S-O	D0926-15
SS03-S-O	D0926-16
SS05-S-O	D0926-17

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature

Signature: [signature] Name: Reina A. Cuyno

Date: 9/6/15 Title: Chemist

U.S. EPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

SOW No.: ILM05.3

EPA Sample No.	Lab Sample ID.
SS10-S-D	D0926-20
SS10-S-O	D0926-18
SS11-S-M	D0926-19
SS11-S-MD	D0926-19DUP
SS11-S-MS	D0926-19MS

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature

Signature: [signature] Name: Reinar A. Conant

Date: 9/6/95 Title: Chemist

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD01-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-05

Level (low/med): MED Date Received: 08/10/05

% Solids: 28.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	25200		*	P
7440-36-0	Antimony	1.7	J	N	P
7440-38-2	Arsenic	7.6			P
7440-39-3	Barium	461			P
7440-41-7	Beryllium	0.93	J		P
7440-43-9	Cadmium	1.8		E	P
7440-70-2	Calcium	4830			P
7440-47-3	Chromium	32.6			P
7440-48-4	Cobalt	10.9	J		P
7440-50-8	Copper	79.9			P
7439-89-6	Iron	29400			P
7439-92-1	Lead	78.4			P
7439-95-4	Magnesium	6320			P
7439-96-5	Manganese	275		N	P
7440-02-0	Nickel	37.3			P
7440-09-7	Potassium	3460			P
7782-49-2	Selenium	10.0	U	N	P
7440-22-4	Silver	3.1			P
7440-23-5	Sodium	198	J		P
7440-28-0	Thallium	7.2	U		P
7440-62-2	Vanadium	43.8			P
7440-66-6	Zinc	312			P
7439-97-6	Mercury	0.28	J	N	CV
	Cyanide	8.2	U		CA

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD02-S-D

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-03

Level (low/med): MED Date Received: 08/09/05

% Solids: 22.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11900		*	P
7440-36-0	Antimony	1.7	J	N	P
7440-38-2	Arsenic	14.0			P
7440-39-3	Barium	254			P
7440-41-7	Beryllium	0.66	J		P
7440-43-9	Cadmium	1.5	J	E	P
7440-70-2	Calcium	38300			P
7440-47-3	Chromium	18.9			P
7440-48-4	Cobalt	6.0	J		P
7440-50-8	Copper	46.8			P
7439-89-6	Iron	51000			P
7439-92-1	Lead	44.9			P
7439-95-4	Magnesium	4350			P
7439-96-5	Manganese	3090		N	P
7440-02-0	Nickel	19.2			P
7440-09-7	Potassium	3010			P
7782-49-2	Selenium	11.0	U	N	P
7440-22-4	Silver	3.1	U		P
7440-23-5	Sodium	725	J		P
7440-28-0	Thallium	7.8	U		P
7440-62-2	Vanadium	28.2			P
7440-66-6	Zinc	185			P
7439-97-6	Mercury	0.11	J	N	CV
	Cyanide	0.45	J		CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD02-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-02

Level (low/med): MED Date Received: 08/09/05

% Solids: 21.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16100		*	P
7440-36-0	Antimony	2.1	J	N	P
7440-38-2	Arsenic	18.1			P
7440-39-3	Barium	338			P
7440-41-7	Beryllium	0.90	J		P
7440-43-9	Cadmium	1.7		E	P
7440-70-2	Calcium	32000			P
7440-47-3	Chromium	25.0			P
7440-48-4	Cobalt	9.2	J		P
7440-50-8	Copper	58.0			P
7439-89-6	Iron	51200			P
7439-92-1	Lead	63.3			P
7439-95-4	Magnesium	5680			P
7439-96-5	Manganese	2880		N	P
7440-02-0	Nickel	26.1			P
7440-09-7	Potassium	3860			P
7782-49-2	Selenium	11.0	U	N	P
7440-22-4	Silver	3.3	U		P
7440-23-5	Sodium	808	J		P
7440-28-0	Thallium	8.2	U		P
7440-62-2	Vanadium	37.7			P
7440-66-6	Zinc	259			P
7439-97-6	Mercury	0.12	J	N	CV
	Cyanide	0.60	J		CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD03-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-01

Level (low/med): MED Date Received: 08/09/05

% Solids: 30.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	21300		*	P
7440-36-0	Antimony	1.8	J	N	P
7440-38-2	Arsenic	7.6			P
7440-39-3	Barium	385			P
7440-41-7	Beryllium	1.1	J		P
7440-43-9	Cadmium	0.99	J	E	P
7440-70-2	Calcium	10100			P
7440-47-3	Chromium	29.7			P
7440-48-4	Cobalt	9.2	J		P
7440-50-8	Copper	45.9			P
7439-89-6	Iron	27300			P
7439-92-1	Lead	109			P
7439-95-4	Magnesium	4210			P
7439-96-5	Manganese	550		N	P
7440-02-0	Nickel	28.6			P
7440-09-7	Potassium	2880			P
7782-49-2	Selenium	0.32	J	N	P
7440-22-4	Silver	1.4	J		P
7440-23-5	Sodium	1380			P
7440-28-0	Thallium	6.6	U		P
7440-62-2	Vanadium	38.1			P
7440-66-6	Zinc	163			P
7439-97-6	Mercury	0.15	J	N	CV
	Cyanide	7.6	U		CA

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD04-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-14

Level (low/med): MED Date Received: 08/11/05

% Solids: 29.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	68.5		*	P
7440-36-0	Antimony	8.1	J	N	P
7440-38-2	Arsenic	5.4			P
7440-39-3	Barium	3180			P
7440-41-7	Beryllium	1.2	U		P
7440-43-9	Cadmium	9.1		E	P
7440-70-2	Calcium	40300			P
7440-47-3	Chromium	3.2			P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	52.8			P
7439-89-6	Iron	288000			P
7439-92-1	Lead	43.5			P
7439-95-4	Magnesium	462	J		P
7439-96-5	Manganese	496		N	P
7440-02-0	Nickel	0.25	J		P
7440-09-7	Potassium	213	J		P
7782-49-2	Selenium	8.1	U	N	P
7440-22-4	Silver	2.3	U		P
7440-23-5	Sodium	150	J		P
7440-28-0	Thallium	5.8	U		P
7440-62-2	Vanadium	0.45	J		P
7440-66-6	Zinc	536			P
7439-97-6	Mercury	0.30	U	N	CV
	Cyanide	7.8	U		CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD05-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-08

Level (low/med): MED Date Received: 08/10/05

% Solids: 24.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10800		*	P
7440-36-0	Antimony	2.6	J	N	P
7440-38-2	Arsenic	13.6			P
7440-39-3	Barium	2120			P
7440-41-7	Beryllium	0.53	J		P
7440-43-9	Cadmium	2.2		E	P
7440-70-2	Calcium	170000			P
7440-47-3	Chromium	13.8			P
7440-48-4	Cobalt	8.0	J		P
7440-50-8	Copper	83.2			P
7439-89-6	Iron	59400			P
7439-92-1	Lead	73.9			P
7439-95-4	Magnesium	4360			P
7439-96-5	Manganese	6470		N	P
7440-02-0	Nickel	22.2			P
7440-09-7	Potassium	1970			P
7782-49-2	Selenium	10.0	U	N	P
7440-22-4	Silver	2.9	U		P
7440-23-5	Sodium	393	J		P
7440-28-0	Thallium	7.2	U		P
7440-62-2	Vanadium	33.5			P
7440-66-6	Zinc	400			P
7439-97-6	Mercury	0.28	J	N	CV
	Cyanide	0.66	J		CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD06-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-09

Level (low/med): MED Date Received: 08/10/05

% Solids: 45.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16100		*	P
7440-36-0	Antimony	1.1	J	N	P
7440-38-2	Arsenic	6.2			P
7440-39-3	Barium	349			P
7440-41-7	Beryllium	0.79			P
7440-43-9	Cadmium	0.73	J	E	P
7440-70-2	Calcium	5110			P
7440-47-3	Chromium	23.0			P
7440-48-4	Cobalt	9.8			P
7440-50-8	Copper	31.6			P
7439-89-6	Iron	26900			P
7439-92-1	Lead	31.9			P
7439-95-4	Magnesium	5380			P
7439-96-5	Manganese	833		N	P
7440-02-0	Nickel	24.2			P
7440-09-7	Potassium	2250			P
7782-49-2	Selenium	5.2	U	N	P
7440-22-4	Silver	1.4	J		P
7440-23-5	Sodium	137	J		P
7440-28-0	Thallium	3.7	U		P
7440-62-2	Vanadium	26.3			P
7440-66-6	Zinc	103			P
7439-97-6	Mercury	0.11	J	N	CV
	Cyanide	4.8	U		CA

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD07-S-M

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-07

Level (low/med): MED Date Received: 08/10/05

% Solids: 53.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	23500		*	P
7440-36-0	Antimony	1.2	J	N	P
7440-38-2	Arsenic	9.5			P
7440-39-3	Barium	397			P
7440-41-7	Beryllium	1.2			P
7440-43-9	Cadmium	1.6		E	P
7440-70-2	Calcium	4950			P
7440-47-3	Chromium	29.1			P
7440-48-4	Cobalt	6.4	J		P
7440-50-8	Copper	95.6			P
7439-89-6	Iron	25500			P
7439-92-1	Lead	265			P
7439-95-4	Magnesium	3620			P
7439-96-5	Manganese	210		N	P
7440-02-0	Nickel	28.3			P
7440-09-7	Potassium	2330			P
7782-49-2	Selenium	2.2	J	N	P
7440-22-4	Silver	2.7			P
7440-23-5	Sodium	580	J		P
7440-28-0	Thallium	3.3	U		P
7440-62-2	Vanadium	39.9			P
7440-66-6	Zinc	315			P
7439-97-6	Mercury	0.62		N	CV
	Cyanide	4.1	U		CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD07-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-06

Level (low/med): MED Date Received: 08/10/05

% Solids: 52.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11100		*	P
7440-36-0	Antimony	1.4	J	N	P
7440-38-2	Arsenic	6.6			P
7440-39-3	Barium	149			P
7440-41-7	Beryllium	0.71			P
7440-43-9	Cadmium	2.3		E	P
7440-70-2	Calcium	3760			P
7440-47-3	Chromium	23.0			P
7440-48-4	Cobalt	5.7	J		P
7440-50-8	Copper	88.8			P
7439-89-6	Iron	18800			P
7439-92-1	Lead	269			P
7439-95-4	Magnesium	3540			P
7439-96-5	Manganese	208		N	P
7440-02-0	Nickel	22.8			P
7440-09-7	Potassium	1930			P
7782-49-2	Selenium	1.8	J	N	P
7440-22-4	Silver	1.2	J		P
7440-23-5	Sodium	444	J		P
7440-28-0	Thallium	3.2	U		P
7440-62-2	Vanadium	26.8			P
7440-66-6	Zinc	332			P
7439-97-6	Mercury	0.47		N	CV
	Cyanide	4.8	U		CA

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD08-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-11

Level (low/med): MED Date Received: 08/11/05

% Solids: 31.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	22900		*	P
7440-36-0	Antimony	2.0	J	N	P
7440-38-2	Arsenic	4.1			P
7440-39-3	Barium	381			P
7440-41-7	Beryllium	0.97	J		P
7440-43-9	Cadmium	2.9		E	P
7440-70-2	Calcium	7150			P
7440-47-3	Chromium	31.4			P
7440-48-4	Cobalt	9.5	J		P
7440-50-8	Copper	105			P
7439-89-6	Iron	20300			P
7439-92-1	Lead	65.9			P
7439-95-4	Magnesium	6290			P
7439-96-5	Manganese	289		N	P
7440-02-0	Nickel	41.7			P
7440-09-7	Potassium	3050			P
7782-49-2	Selenium	9.8	U	N	P
7440-22-4	Silver	2.7	J		P
7440-23-5	Sodium	130	J		P
7440-28-0	Thallium	7.0	U		P
7440-62-2	Vanadium	37.5			P
7440-66-6	Zinc	472			P
7439-97-6	Mercury	0.33		N	CV
	Cyanide	7.7	U		CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD09-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-10

Level (low/med): MED Date Received: 08/11/05

% Solids: 60.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14600		*	P
7440-36-0	Antimony	1.9	J	N	P
7440-38-2	Arsenic	15.7			P
7440-39-3	Barium	1550			P
7440-41-7	Beryllium	1.3			P
7440-43-9	Cadmium	3.4		E	P
7440-70-2	Calcium	3290			P
7440-47-3	Chromium	21.3			P
7440-48-4	Cobalt	31.5			P
7440-50-8	Copper	24.2			P
7439-89-6	Iron	55100			P
7439-92-1	Lead	42.2			P
7439-96-5	Manganese	6580		N	P
7439-96-5	Manganese	7810		N	P
7440-02-0	Nickel	39.5			P
7440-09-7	Potassium	1720			P
7782-49-2	Selenium	4.5	U	N	P
7440-22-4	Silver	1.0	J		P
7440-23-5	Sodium	72.0	J		P
7440-28-0	Thallium	3.2	U		P
7440-62-2	Vanadium	46.1			P
7440-66-6	Zinc	136			P
7439-97-6	Mercury	0.055	J	N	CV
	Cyanide	0.24	J		CA

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD10-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-12

Level (low/med): MED Date Received: 08/11/05

% Solids: 50.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15500		*	P
7440-36-0	Antimony	2.0	J	N	P
7440-38-2	Arsenic	4.2			P
7440-39-3	Barium	220			P
7440-41-7	Beryllium	0.73	J		P
7440-43-9	Cadmium	1.6		E	P
7440-70-2	Calcium	3320			P
7440-47-3	Chromium	24.3			P
7440-48-4	Cobalt	7.2	J		P
7440-50-8	Copper	76.4			P
7439-89-6	Iron	22500			P
7439-92-1	Lead	224			P
7439-95-4	Magnesium	5830			P
7439-96-5	Manganese	195		N	P
7440-02-0	Nickel	29.2			P
7440-09-7	Potassium	2490			P
7782-49-2	Selenium	6.5	U	N	P
7440-22-4	Silver	1.9			P
7440-23-5	Sodium	120	J		P
7440-28-0	Thallium	4.6	U		P
7440-62-2	Vanadium	27.6			P
7440-66-6	Zinc	297			P
7439-97-6	Mercury	0.39		N	CV
	Cyanide	0.39	J		CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD11-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-13

Level (low/med): MED Date Received: 08/11/05

% Solids: 19.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7140		*	P
7440-36-0	Antimony	6.7	J	N	P
7440-38-2	Arsenic	38.2			P
7440-39-3	Barium	1480			P
7440-41-7	Beryllium	0.34	J		P
7440-43-9	Cadmium	8.7		E	P
7440-70-2	Calcium	82400			P
7440-47-3	Chromium	13.4			P
7440-48-4	Cobalt	3.4	J		P
7440-50-8	Copper	153			P
7439-89-6	Iron	198000			P
7439-92-1	Lead	90.3			P
7439-95-4	Magnesium	3240			P
7439-96-5	Manganese	4420		N	P
7440-02-0	Nickel	20.8			P
7440-09-7	Potassium	1770	J		P
7782-49-2	Selenium	14.0	U	N	P
7440-22-4	Silver	3.9	U		P
7440-23-5	Sodium	412	J		P
7440-28-0	Thallium	9.7	U		P
7440-62-2	Vanadium	19.1			P
7440-66-6	Zinc	800			P
7439-97-6	Mercury	0.32	J	N	CV
	Cyanide	0.63	J		CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SD12-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-04

Level (low/med): MED Date Received: 08/10/05

% Solids: 37.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	23100		*	P
7440-36-0	Antimony	1.9	J	N	P
7440-38-2	Arsenic	12.3			P
7440-39-3	Barium	221			P
7440-41-7	Beryllium	1.1	J		P
7440-43-9	Cadmium	1.8		E	P
7440-70-2	Calcium	5510			P
7440-47-3	Chromium	41.6			P
7440-48-4	Cobalt	12.9			P
7440-50-8	Copper	88.8			P
7439-89-6	Iron	39000			P
7439-92-1	Lead	526			P
7439-95-4	Magnesium	9850			P
7439-96-5	Manganese	335		N	P
7440-02-0	Nickel	38.3			P
7440-09-7	Potassium	3390			P
7782-49-2	Selenium	8.2	U	N	P
7440-22-4	Silver	2.9			P
7440-23-5	Sodium	601	J		P
7440-28-0	Thallium	5.9	U		P
7440-62-2	Vanadium	44.9			P
7440-66-6	Zinc	380			P
7439-97-6	Mercury	0.39		N	CV
	Cyanide	5.9	U		CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SS02-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-15

Level (low/med): MED Date Received: 08/11/05

% Solids: 90.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	17600		*	P
7440-36-0	Antimony	0.92	J	N	P
7440-38-2	Arsenic	6.0			P
7440-39-3	Barium	157			P
7440-41-7	Beryllium	0.75			P
7440-43-9	Cadmium	0.66		E	P
7440-70-2	Calcium	1900			P
7440-47-3	Chromium	31.4			P
7440-48-4	Cobalt	9.0			P
7440-50-8	Copper	23.7			P
7439-89-6	Iron	23200			P
7439-92-1	Lead	28.5			P
7439-95-4	Magnesium	5970			P
7439-96-5	Manganese	420		N	P
7440-02-0	Nickel	26.2			P
7440-09-7	Potassium	2090			P
7782-49-2	Selenium	3.3	U	N	P
7440-22-4	Silver	2.1			P
7440-23-5	Sodium	54.0	J		P
7440-28-0	Thallium	2.4	U		P
7440-62-2	Vanadium	29.9			P
7440-66-6	Zinc	75.4			P
7439-97-6	Mercury	0.030	J	N	CV
	Cyanide	2.8	U		CA

Color Before: GREY Clarity Before: _____ Texture: COARSE

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SS03-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-16

Level (low/med): MED Date Received: 08/11/05

% Solids: 86.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18500		*	P
7440-36-0	Antimony	0.87	J	N	P
7440-38-2	Arsenic	6.6			P
7440-39-3	Barium	160			P
7440-41-7	Beryllium	0.79			P
7440-43-9	Cadmium	0.68		E	P
7440-70-2	Calcium	1720			P
7440-47-3	Chromium	27.4			P
7440-48-4	Cobalt	9.6			P
7440-50-8	Copper	24.9			P
7439-89-6	Iron	23900			P
7439-92-1	Lead	84.7			P
7439-95-4	Magnesium	6120			P
7439-96-5	Manganese	641		N	P
7440-02-0	Nickel	25.9			P
7440-09-7	Potassium	2010			P
7782-49-2	Selenium	3.5	U	N	P
7440-22-4	Silver	2.2			P
7440-23-5	Sodium	47.4	J		P
7440-28-0	Thallium	2.5	U		P
7440-62-2	Vanadium	33.2			P
7440-66-6	Zinc	97.2			P
7439-97-6	Mercury	0.027	J	N	CV
	Cyanide	0.13	J		CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SS05-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-17

Level (low/med): MED Date Received: 08/11/05

% Solids: 87.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14400		*	P
7440-36-0	Antimony	0.90	J	N	P
7440-38-2	Arsenic	6.1			P
7440-39-3	Barium	130			P
7440-41-7	Beryllium	0.60			P
7440-43-9	Cadmium	0.62		E	P
7440-70-2	Calcium	2130			P
7440-47-3	Chromium	25.5			P
7440-48-4	Cobalt	9.4			P
7440-50-8	Copper	26.0			P
7439-89-6	Iron	20700			P
7439-92-1	Lead	87.5			P
7439-95-4	Magnesium	4100			P
7439-96-5	Manganese	599		N	P
7440-02-0	Nickel	21.1			P
7440-09-7	Potassium	1620			P
7782-49-2	Selenium	3.5	U	N	P
7440-22-4	Silver	1.6			P
7440-23-5	Sodium	62.0	J		P
7440-28-0	Thallium	2.5	U		P
7440-62-2	Vanadium	25.8			P
7440-66-6	Zinc	91.1			P
7439-97-6	Mercury	0.050	J	N	CV
	Cyanide	0.26	J		CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SS10-S-D

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-20

Level (low/med): MED Date Received: 08/11/05

% Solids: 88.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16400		*	P
7440-36-0	Antimony	0.82	J	N	P
7440-38-2	Arsenic	5.4			P
7440-39-3	Barium	234			P
7440-41-7	Beryllium	0.71			P
7440-43-9	Cadmium	0.68		E	P
7440-70-2	Calcium	1070			P
7440-47-3	Chromium	17.9			P
7440-48-4	Cobalt	5.9			P
7440-50-8	Copper	20.0			P
7439-89-6	Iron	16800			P
7439-92-1	Lead	43.9			P
7439-95-4	Magnesium	4160			P
7439-96-5	Manganese	699		N	P
7440-02-0	Nickel	19.1			P
7440-09-7	Potassium	1150			P
7782-49-2	Selenium	3.2	U	N	P
7440-22-4	Silver	2.2			P
7440-23-5	Sodium	59.8	J		P
7440-28-0	Thallium	2.3	U		P
7440-62-2	Vanadium	28.3			P
7440-66-6	Zinc	98.0			P
7439-97-6	Mercury	0.18		N	CV
	Cyanide	0.19	J		CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SS10-S-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-18

Level (low/med): MED Date Received: 08/11/05

% Solids: 88.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16300		*	P
7440-36-0	Antimony	0.86	J	N	P
7440-38-2	Arsenic	5.8			P
7440-39-3	Barium	235			P
7440-41-7	Beryllium	0.71			P
7440-43-9	Cadmium	0.66		E	P
7440-70-2	Calcium	1060			P
7440-47-3	Chromium	17.8			P
7440-48-4	Cobalt	5.7			P
7440-50-8	Copper	19.4			P
7439-89-6	Iron	16500			P
7439-92-1	Lead	45.0			P
7439-95-4	Magnesium	3840			P
7439-96-5	Manganese	684		N	P
7440-02-0	Nickel	18.7			P
7440-09-7	Potassium	1250			P
7782-49-2	Selenium	3.2	U	N	P
7440-22-4	Silver	2.1			P
7440-23-5	Sodium	54.4	J		P
7440-28-0	Thallium	2.3	U		P
7440-62-2	Vanadium	29.6			P
7440-66-6	Zinc	98.2			P
7439-97-6	Mercury	0.19		N	CV
	Cyanide	0.25	J		CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SS11-S-M

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Lab Sample ID: D0926-19

Level (low/med): MED Date Received: 08/11/05

% Solids: 89.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	17900		*	P
7440-36-0	Antimony	0.90	J	N	P
7440-38-2	Arsenic	7.4			P
7440-39-3	Barium	171			P
7440-41-7	Beryllium	0.77			P
7440-43-9	Cadmium	0.59		E	P
7440-70-2	Calcium	990			P
7440-47-3	Chromium	24.1			P
7440-48-4	Cobalt	8.4			P
7440-50-8	Copper	24.5			P
7439-89-6	Iron	22300			P
7439-92-1	Lead	22.7			P
7439-95-4	Magnesium	6960			P
7439-96-5	Manganese	558		N	P
7440-02-0	Nickel	23.9			P
7440-09-7	Potassium	1970			P
7782-49-2	Selenium	3.6	U	N	P
7440-22-4	Silver	2.3			P
7440-23-5	Sodium	48.0	J		P
7440-28-0	Thallium	2.6	U		P
7440-62-2	Vanadium	32.8			P
7440-66-6	Zinc	77.6			P
7439-97-6	Mercury	0.049	J	N	CV
	Cyanide	0.18	J		CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Mercury	5.0	2.12	42.5	5.0	4.84	96.9	4.89	97.7	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Mercury				5.0	5.08	101.5	4.94	98.8	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Mercury				5.0	5.00	100.0	5.04	100.8	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Mercury				5.0	5.02	100.4			CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Cyanide	250.0	274.22	109.7	200.0	221.07	110.5	218.24	109.1	CA

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)		M
Cyanide				200.0	220.55	110.3	220.46	110.2		CA

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Cyanide				200.0	221.78	110.9			CA

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum	15000.0	15494.00	103.3	10000.0	10142.12	101.4	10192.12	101.9	P
Antimony	750.0	752.14	100.3	500.0	495.97	99.2	495.31	99.1	P
Arsenic	750.0	773.36	103.1	500.0	513.98	102.8	511.55	102.3	P
Barium	15000.0	15704.53	104.7	10000.0	10636.33	106.4	10751.12	107.5	P
Beryllium	375.0	387.82	103.4	250.0	259.21	103.7	260.58	104.2	P
Cadmium	375.0	391.69	104.4	250.0	261.15	104.5	263.06	105.2	P
Calcium	37500.0	38301.70	102.1	25000.0	25326.00	101.3	25399.51	101.6	P
Chromium	1500.0	1568.61	104.6	1000.0	1037.48	103.7	1047.14	104.7	P
Cobalt	3750.0	3930.82	104.8	2500.0	2612.93	104.5	2617.98	104.7	P
Copper	1875.0	1916.36	102.2	1250.0	1274.82	102.0	1278.08	102.2	P
Iron	7500.0	7694.48	102.6	5000.0	5114.50	102.3	5205.14	104.1	P
Lead	750.0	767.09	102.3	500.0	515.82	103.2	525.04	105.0	P
Magnesium	37500.0	38424.06	102.5	25000.0	25750.23	103.0	25797.12	103.2	P
Manganese	3750.0	3888.98	103.7	2500.0	2577.84	103.1	2585.69	103.4	P
Nickel	3750.0	3922.54	104.6	2500.0	2610.56	104.4	2601.56	104.1	P
Selenium	750.0	764.47	101.9	500.0	507.77	101.6	509.61	101.9	P
Silver	1875.0	1730.42	92.3	1250.0	1192.44	95.4	1187.76	95.0	P
Thallium	750.0	765.83	102.1	500.0	514.27	102.9	519.97	104.0	P
Vanadium	3750.0	3852.86	102.7	2500.0	2570.17	102.8	2588.77	103.6	P
Zinc	3750.0	3888.96	103.7	2500.0	2592.50	103.7	2621.63	104.9	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	10109.46	101.1	10237.61	102.4	P
Antimony				500.0	501.24	100.2	497.48	99.5	P
Arsenic				500.0	517.71	103.5	509.91	102.0	P
Barium				10000.0	10644.71	106.4	10772.23	107.7	P
Beryllium				250.0	259.34	103.7	261.04	104.4	P
Cadmium				250.0	261.67	104.7	264.46	105.8	P
Calcium				25000.0	25404.47	101.6	25202.78	100.8	P
Chromium				1000.0	1039.83	104.0	1055.21	105.5	P
Cobalt				2500.0	2610.13	104.4	2634.53	105.4	P
Copper				1250.0	1269.08	101.5	1282.56	102.6	P
Iron				5000.0	5144.57	102.9	5252.59	105.1	P
Lead				500.0	520.84	104.2	521.71	104.3	P
Magnesium				25000.0	25752.47	103.0	25999.12	104.0	P
Manganese				2500.0	2577.91	103.1	2607.94	104.3	P
Nickel				2500.0	2586.08	103.4	2610.02	104.4	P
Selenium				500.0	513.38	102.7	507.81	101.6	P
Silver				1250.0	1176.43	94.1	1186.66	94.9	P
Thallium				500.0	520.08	104.0	517.67	103.5	P
Vanadium				2500.0	2566.18	102.6	2590.68	103.6	P
Zinc				2500.0	2607.89	104.3	2637.71	105.5	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	10047.94	100.5	10017.12	100.2	P
Antimony				500.0	496.09	99.2	497.10	99.4	P
Arsenic				500.0	508.77	101.8	507.38	101.5	P
Barium				10000.0	10718.66	107.2	10786.82	107.9	P
Beryllium				250.0	259.93	104.0	261.73	104.7	P
Cadmium				250.0	260.78	104.3	260.98	104.4	P
Calcium				25000.0	25210.31	100.8	25190.35	100.8	P
Chromium				1000.0	1034.70	103.5	1035.68	103.6	P
Cobalt				2500.0	2587.01	103.5	2587.91	103.5	P
Copper				1250.0	1261.11	100.9	1259.60	100.8	P
Iron				5000.0	5118.25	102.4	5077.20	101.5	P
Lead				500.0	522.40	104.5	522.66	104.5	P
Magnesium				25000.0	25576.38	102.3	25509.59	102.0	P
Manganese				2500.0	2561.99	102.5	2557.85	102.3	P
Nickel				2500.0	2565.36	102.6	2555.66	102.2	P
Selenium				500.0	506.77	101.4	503.78	100.8	P
Silver				1250.0	1161.21	92.9	1182.51	94.6	P
Thallium				500.0	519.86	104.0	520.05	104.0	P
Vanadium				2500.0	2577.13	103.1	2595.15	103.8	P
Zinc				2500.0	2603.36	104.1	2607.57	104.3	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	10102.22	101.0			P
Antimony				500.0	498.96	99.8			P
Arsenic				500.0	505.92	101.2			P
Barium				10000.0	10761.37	107.6			P
Beryllium				250.0	260.67	104.3			P
Cadmium				250.0	261.69	104.7			P
Calcium				25000.0	25215.24	100.9			P
Chromium				1000.0	1039.86	104.0			P
Cobalt				2500.0	2591.41	103.7			P
Copper				1250.0	1268.40	101.5			P
Iron				5000.0	5122.22	102.4			P
Lead				500.0	523.98	104.8			P
Magnesium				25000.0	25619.42	102.5			P
Manganese				2500.0	2568.34	102.7			P
Nickel				2500.0	2564.47	102.6			P
Selenium				500.0	507.11	101.4			P
Silver				1250.0	1181.73	94.5			P
Thallium				500.0	519.74	103.9			P
Vanadium				2500.0	2584.49	103.4			P
Zinc				2500.0	2619.50	104.8			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Potassium	37500.0	39011.04	104.0	25000.0	26150.74	104.6	26576.16	106.3	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Potassium				25000.0	27016.55	108.1	27308.99	109.2	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)		M
Potassium				25000.0	27099.64	108.4	27467.44	109.9		P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Potassium				25000.0	26961.43	107.8	27227.42	108.9	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Potassium				25000.0	27339.72	109.4	27009.71	108.0	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)		M
Potassium				25000.0	26590.44	106.4	26528.97	106.1		P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Potassium				25000.0	26223.65	104.9	25951.93	103.8	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Potassium				25000.0	25883.72	103.5	26242.77	105.0	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)		M
Potassium				25000.0	25939.22	103.8				P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)		M
Sodium	37500.0	39061.02	104.2	25000.0	25381.74	101.5	26076.29	104.3		P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)		M
Sodium				25000.0	25148.09	100.6	25534.87	102.1		P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Sodium				25000.0	24903.74	99.6	24990.88	100.0	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)		M
Sodium				25000.0	24725.78	98.9	25005.32	100.0		P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)		M
Sodium				25000.0	24773.10	99.1	25065.28	100.3		P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)		M
Sodium				25000.0	24659.28	98.6	24695.13	98.8		P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)		M
Sodium				25000.0	24232.82	96.9	24639.50	98.6		P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Sodium				25000.0	24613.37	98.5	24918.05	99.7	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Sodium				25000.0	24606.23	98.4			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2B
CRDL STANDARD FOR AA AND ICP

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.0

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

AA CRDL Standard Source:

ICP CRDL Standard Source:

Concentration Units: ug/L

	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
Analyte	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.2	101.7					

U.S. EPA - CLP

2B
CRDL STANDARD FOR AA AND ICP

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.0

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

AA CRDL Standard Source:

ICP CRDL Standard Source:

Concentration Units: ug/L

	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
Analyte	True	Found	%R	True	Found	%R	Found	%R
Antimony				60.0	51.11 J	85.2	52.9 J	88.2
Arsenic				10.0	9.82 J	98.2	9.66 J	96.6
Beryllium				5.0	5.18	103.6	5.25	104.9
Cadmium				5.0	5.35	107.1	5.43	108.5
Chromium				10.0	10.78	107.8	11.07	110.7
Cobalt				50.0	54.63	109.3	54.9	109.8
Copper				25.0	24.02 J	96.1	24.13 J	96.5
Lead				10.0	10.32	103.2	9.97 J	99.7
Manganese				15.0	15.83	105.6	18.64	124.2
Nickel				40.0	43.14	107.9	43.98	109.9
Selenium				35.0	38.07	108.8	34.64 J	99.0
Silver				10.0	10.28	102.8	9.54 J	95.4
Thallium				25.0	25.86	103.4	26.75	107.0
Vanadium				50.0	52.59	105.2	53.33	106.7
Zinc				50.0	65.91	109.8	68.04	136.1

U.S. EPA - CLP

2B
CRDL STANDARD FOR AA AND ICP

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.0

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

AA CRDL Standard Source:

ICP CRDL Standard Source:

Concentration Units: ug/L

	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
Analyte	True	Found	%R	True	Found	%R	Found	%R
Antimony				60.0			53.83 J	89.7
Arsenic				10.0			11.63	116.3
Beryllium				5.0			5.28	105.6
Cadmium				5.0			5.35	107.1
Chromium				10.0			11	110.0
Cobalt				50.0			54.73	109.5
Copper				25.0			23.66 J	94.7
Lead				10.0			10.46	104.6
Manganese				15.0			17.48	116.5
Nickel				40.0			43.01	107.5
Selenium				35.0			37.37	106.8
Silver				10.0			9.5 J	95.0
Thallium				25.0			26.07	104.3
Vanadium				50.0			53.76	107.5
Zinc				60.0			67.26	112.1

U.S. EPA - CLP

2B
CRDL STANDARD FOR AA AND ICP

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.0

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

AA CRDL Standard Source:

ICP CRDL Standard Source:

Concentration Units: ug/L

	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
Analyte	True	Found	%R	True	Found	%R	Found	%R
Antimony				60.0			50.63 J	84.4
Arsenic				10.0			11.65	116.5
Beryllium				5.0			5.25	105.0
Cadmium				5.0			5.41	108.1
Chromium				10.0			10.91	109.1
Cobalt				50.0			54.4	108.8
Copper				25.0			23.96 J	95.9
Lead				10.0			10.51	105.1
Manganese				15.0			16.44	109.6
Nickel				40.0			43.97	109.9
Selenium				35.0			35.02	100.0
Silver				10.0			9.5 J	95.0
Thallium				25.0			26.82	107.3
Vanadium				50.0			53.56	107.1
Zinc				60.0			66.89	111.5

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Mercury	0.200	U	0.200	U	0.200	U	0.200	U	0.100	U	

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Mercury			0.200	U	0.200	U	0.200	U			CV

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Mercury			0.200	U							CV

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Cyanide	10.0	U	10.0	U	10.0	U	10.0	U	2.500	U	

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Cyanide			10.0	U	10.0	U					CA

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum	200.0	U	200.0	U	24.5	J	39.4	J	1.739	J	
Antimony	60.0	U	60.0	U	2.3	J	1.7	J	0.159	J	
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	1.000	U	
Barium	200.0	U	200.0	U	200.0	U	200.0	U	0.139	J	
Beryllium	0.2	J	5.0	U	5.0	U	5.0	U	0.500	U	
Cadmium	5.0	U	5.0	U	5.0	U	5.0	U	0.500	U	
Calcium	41.9	J	5000.0	U	5000.0	U	60.4	J	9.821	J	
Chromium	0.4	J	0.4	J	0.4	J	0.5	J	0.090	J	
Cobalt	0.2	J	0.2	J	0.2	J	0.2	J	5.000	U	
Copper	25.0	U	25.0	U	25.0	U	25.0	U	0.491	J	
Iron	100.0	U	100.0	U	44.0	J	24.3	J	26.117		
Lead	0.5	J	0.5	J	1.1	J	0.5	J	-0.042	J	
Magnesium	5000.0	U	5000.0	U	5000.0	U	5000.0	U	500.000	U	
Manganese	15.0	U	15.0	U	15.0	U	15.0	U	1.659		
Nickel	0.6	J	0.6	J	0.6	J	0.6	J	0.104	J	
Selenium	-1.0	J	1.0	J	-1.9	J	-1.6	J	0.166	J	
Silver	10.0	U	10.0	U	10.0	U	10.0	U	1.000	U	
Thallium	25.0	U	1.4	J	2.6	J	1.3	J	2.500	U	
Vanadium	0.5	J	0.5	J	0.5	J	0.5	J	5.000	U	
Zinc	60.0	U	60.0	U	4.2	J	3.9	J	1.661	J	

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum			31.4	J	30.8	J	200.0	U			P
Antimony			2.2	J	2.3	J	3.0	J			P
Arsenic			10.0	U	10.0	U	10.0	U			P
Barium			200.0	U	200.0	U	200.0	U			P
Beryllium			5.0	U	5.0	U	5.0	U			P
Cadmium			5.0	U	5.0	U	5.0	U			P
Calcium			5000.0	U	5000.0	U	5000.0	U			P
Chromium			0.4	J	0.4	J	0.4	J			P
Cobalt			50.0	U	50.0	U	0.2	J			P
Copper			25.0	U	25.0	U	25.0	U			P
Iron			59.4	J	21.0	J	100.0	U			P
Lead			0.5	J	0.5	J	0.5	J			P
Magnesium			5000.0	U	21.2	J	5000.0	U			P
Manganese			15.0	U	15.0	U	15.0	U			P
Nickel			0.6	J	0.6	J	0.6	J			P
Selenium			1.0	J	-1.9	J	1.0	J			P
Silver			10.0	U	10.0	U	10.0	U			P
Thallium			25.0	U	1.3	J	1.4	J			P
Vanadium			0.5	J	0.5	J	0.5	J			P
Zinc			3.5	J	3.6	J	60.0	U			P

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum			25.0	J							P
Antimony			2.5	J							P
Arsenic			10.0	U							P
Barium			200.0	U							P
Beryllium			5.0	U							P
Cadmium			5.0	U							P
Calcium			59.9	J							P
Chromium			0.4	J							P
Cobalt			50.0	U							P
Copper			25.0	U							P
Iron			100.0	U							P
Lead			0.5	J							P
Magnesium			5000.0	U							P
Manganese			15.0	U							P
Nickel			0.6	J							P
Selenium			1.0	J							P
Silver			10.0	U							P
Thallium			25.0	U							P
Vanadium			0.5	J							P
Zinc			60.0	U							P

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Potassium	5000.0	U	5000.0	U	5000.0	U	5000.0	U	16.037	J	

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Potassium			5000.0	U	5000.0	U	5000.0	U			P

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Potassium			5000.0	U	5000.0	U	5000.0	U			P

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Potassium			5000.0	U	5000.0	U	5000.0	U			P

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Potassium			5000.0	U	5000.0	U	5000.0	U			P

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Potassium			5000.0	U	5000.0	U					P

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Sodium	5000.0	U	5000.0	U	5000.0	U	5000.0	U	12.824	J	

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Sodium			5000.0	U	5000.0	U	5000.0	U			P

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Sodium			5000.0	U	174.9	J	5000.0	U			P

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Sodium			5000.0	U	5000.0	U	5000.0	U			P

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Sodium			5000.0	U	5000.0	U	5000.0	U			P

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Sodium			5000.0	U	5000.0	U					P

U.S. EPA - CLP

4
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA2 ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Aluminum	500000	500000	476000	500000	100.0	477000	500000	100.0
Antimony	0	600	0	564	94.0	1.0	570	95.1
Arsenic	0	100	-7.0	92.6	92.6	-9.0	89.5	89.5
Barium	0	500	-6.0	524	104.8	-6.0	529	105.8
Beryllium	0	500	0	487	97.5	0	490	97.9
Cadmium	0	1000	4.0	922	92.2	4.0	928	92.8
Calcium	500000	500000	487000	512000	102.4	488000	513000	102.6
Chromium	0	500	3.0	488	97.5	4.0	490	97.9
Cobalt	0	500	-1.0	465	92.9	-1.0	469	93.8
Copper	0	500	0	496	99.1	-1.0	495	99.1
Iron	200000	200000	168000	176000	88.1	170000	178000	88.8
Lead	0	50.0	-5.0	46.0	92.0	-3.0	47.9	95.8
Magnesium	500000	500000	447000	469000	93.7	450000	470000	94.0
Manganese	0	500	1.0	493	98.5	3.0	497	99.3
Nickel	0	1000	-4.0	920	92.0	-4.0	926	92.6
Selenium	0	50.0	5.0	50.2	100.4	1.0	48.0	96.0
Silver	0	200	11.0	209	104.6	10.0	209	104.4
Thallium	0	100	0	94.9	94.9	0	94.6	94.6
Vanadium	0	500	0	492	98.3	-1.0	493	98.7
Zinc	0	1000	9.0	903	90.3	10.0	914	91.4

U.S. EPA - CLP

4
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA2 ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Aluminum	500000	500000	475000	495000	99.1	473000	492000	98.4
Antimony	0	600	4.0	566	94.4	3.0	576	96.0
Arsenic	0	100	-8.0	85.9	85.9	-8.0	98.1	98.1
Barium	0	500	-6.0	526	105.3	-7.0	527	105.4
Beryllium	0	500	0	488	97.5	0	486	97.1
Cadmium	0	1000	4.0	925	92.5	4.0	919	91.9
Calcium	500000	500000	484000	509000	101.7	487000	501000	100.2
Chromium	0	500	4.0	490	97.9	4.0	484	96.8
Cobalt	0	500	-1.0	462	92.5	-2.0	459	91.8
Copper	0	500	-1.0	491	98.3	-2.0	486	97.3
Iron	200000	200000	169000	177000	88.3	170000	175000	87.4
Lead	0	50.0	-3.0	47.9	95.8	-7.0	47.2	94.4
Magnesium	500000	500000	447000	466000	93.3	446000	463000	92.7
Manganese	0	500	3.0	494	98.9	1.0	486	97.2
Nickel	0	1000	-4.0	915	91.5	-4.0	899	89.9
Selenium	0	50.0	4.0	47.4	94.8	0	54.4	108.8
Silver	0	200	10.0	207	103.4	9.0	204	102.2
Thallium	0	100	1.0	99.9	99.9	0	107	107.2
Vanadium	0	500	-1.0	493	98.7	0	488	97.5
Zinc	0	1000	10.0	914	91.4	8.0	904	90.4

U.S. EPA - CLP

4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA3 ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Potassium	0	0	4.0	4.5		32.0	51.1	

U.S. EPA - CLP

4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA3 ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Potassium	0	0	111	111		193	159	

U.S. EPA - CLP

4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA3 ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Potassium	0	0	352	177		185	130	

U.S. EPA - CLP

4
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA3 ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Potassium	0	0	91.0	166		509	211	

U.S. EPA - CLP

4
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA3 ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Potassium	0	0	93.0	152		0	0	

4
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA3 ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Sodium	0	0	58.0	44.1		19.0	33.7	

U.S. EPA - CLP

4
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA3 ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Sodium	0	0	67.0	62.1		204	143	

U.S. EPA - CLP

4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA3 ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Sodium	0	0	213	158		74.0	84.3	

U.S. EPA - CLP

4
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA3 ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Sodium	0	0	96.0	55.6		789	183	

U.S. EPA - CLP

4
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA3 ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Sodium	0	0	125	64.6		0	0	

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO
SD07-S-M

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Level (low/med): MED

% Solids for Sample: 53.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony	75-125	7.3344	J	1.2268	J	13.01	46.9	N	P
Arsenic	75-125	15.9822		9.5457		5.20	123.8		P
Barium	75-125	691.4084		397.1856		260.25	113.1		P
Beryllium	75-125	8.3519		1.2314		6.51	109.4		P
Cadmium	75-125	8.2780		1.6156		6.51	102.3		P
Chromium	75-125	59.6165		29.0548		26.02	117.5		P
Cobalt	75-125	77.0105		6.3855	J	65.06	108.6		P
Copper	75-125	131.8732		95.6272		32.53	111.4		P
Lead		305.4933		264.7686		2.60	1566.3		P
Manganese	75-125	226.0112		209.7392		65.06	25.0	N	P
Nickel	75-125	100.7177		28.3237		65.06	111.3		P
Selenium	75-125	7.3222		2.1931	J	6.51	78.8		P
Silver	75-125	9.2354		2.7155		6.51	100.2		P
Thallium	75-125	6.5815		3.3000	U	6.51	101.1		P
Vanadium	75-125	109.8514		39.9188		65.06	107.5		P
Zinc		395.9993		315.2540		65.06	124.1		P
Mercury	75-125	2.4008		0.6156		0.75	238.0	N	CV
Cyanide	75-125	9.1440		4.1000	U	8.13	112.5		CA

Comments:

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO
SS11-S-M

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Level (low/med): MED

% Solids for Sample: 89.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony	75-125	4.4892	J	0.8998	J	10.40	34.5	N	P
Arsenic	75-125	11.9541		7.3594		4.16	110.4		P
Barium	75-125	390.4834		171.4519		208.07	105.3		P
Beryllium	75-125	6.2488		0.7694		5.20	105.4		P
Cadmium	75-125	6.0255		0.5856		5.20	104.6		P
Chromium	75-125	45.9764		24.0979		20.81	105.1		P
Cobalt	75-125	65.1103		8.4291		52.02	109.0		P
Copper	75-125	52.4099		24.4594		26.01	107.5		P
Lead		25.7710		22.7432		2.08	145.6		P
Manganese		677.5895		558.4417		52.02	229.0		P
Nickel	75-125	80.5230		23.9400		52.02	108.8		P
Selenium	75-125	3.3304	J	3.6000	U	5.20	64.0	N	P
Silver	75-125	7.1379		2.2874		5.20	93.3		P
Thallium	75-125	5.2854		2.6000	U	5.20	101.6		P
Vanadium	75-125	83.6278		32.8057		52.02	97.7		P
Zinc	75-125	129.8659		77.6234		52.02	100.4		P
Mercury	75-125	1.0415		0.0488	J	0.51	194.6	N	CV

Comments:

U.S. EPA - CLP

5B
POST DIGEST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO
SD07-S-M

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Level (low/med): MED

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony		126.39		9.43	J	455.0	25.7		P
Manganese		1600.59		1611.85		2270.0	0.0		P

Comments:

U.S. EPA - CLP

5B
POST DIGEST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO
SS11-S-M

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Level (low/med): MED

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony		123.65		8.65	J	455.0	25.3		P
Selenium		55.30		0.98	U	1130.0	4.9		P

Comments:

U.S. EPA - CLP

6
DUPLICATES

EPA SAMPLE NO
SD07-S-M

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Level (low/med): MED

% Solids for Sample: 53.0 % Solids for Duplicate: 53.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		23513.6572		28953.5823		20.7	*	P
Antimony		1.2268	J	1.4095	J	13.9		P
Arsenic		9.5457		10.3673		8.3		P
Barium		397.1856		438.5610		9.9		P
Beryllium	0.7	1.2314		1.4850		18.7		P
Cadmium	0.7	1.6156		1.6219		0.4		P
Calcium		4954.2278		5151.0930		3.9		P
Chromium		29.0548		32.5998		11.5		P
Cobalt	6.5	6.3855	J	7.2000		12.0		P
Copper		95.6272		85.0837		11.7		P
Iron		25517.9941		29999.9801		16.1		P
Lead		264.7686		230.6421		13.8		P
Magnesium		3623.3999		4287.9386		16.8		P
Manganese		209.7392		184.9917		12.5		P
Nickel		28.3237		31.8700		11.8		P
Potassium	650.0	2326.6934		2719.7380		15.6		P
Selenium		2.1931	J	1.5572	J	33.9		P
Silver	1.3	2.7155		3.4480		23.8		P
Sodium		579.9036	J	604.0438	J	4.1		P
Thallium		3.3000	U	3.3000	U			P
Vanadium		39.9188		46.4994		15.2		P
Zinc		315.2540		308.9449		2.0		P
Mercury	0.1	0.6156		0.6138		0.3		CV
Cyanide		4.1000	U	0.6013	J	200.0		CA

U.S. EPA - CLP

6
DUPLICATES

EPA SAMPLE NO
SS11-S-M

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Level (low/med): MED

% Solids for Sample: 89.0 % Solids for Duplicate: 89.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		17927.9805		18045.7818		0.7		P
Antimony		0.8998	J	0.8531	J	5.3		P
Arsenic		7.3594		7.6640		4.1		P
Barium		171.4519		171.3915		0.0		P
Beryllium	0.5	0.7694		0.7629		0.8		P
Cadmium	0.5	0.5856		0.5903		0.8		P
Calcium	520.0	990.0578		950.8073		4.0		P
Chromium		24.0979		23.6081		2.1		P
Cobalt	5.2	8.4291		8.6124		2.2		P
Copper		24.4594		23.9029		2.3		P
Iron		22258.9592		22407.2653		0.7		P
Lead		22.7432		23.0420		1.3		P
Magnesium		6955.5709		6863.0660		1.3		P
Manganese		558.4417		592.9935		6.0		P
Nickel		23.9400		23.5771		1.5		P
Potassium	520.0	1966.4788		2020.1348		2.7		P
Selenium		3.6000	U	3.6000	U			P
Silver	1.0	2.2874		2.3282		1.8		P
Sodium		48.0397	J	50.3131	J	4.6		P
Thallium		2.6000	U	2.6000	U			P
Vanadium		32.8057		31.8027		3.1		P
Zinc		77.6234		76.9676		0.8		P
Mercury		0.0488	J	0.0572	J	15.8		CV

U.S. EPA - CLP

7
LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Solid LCS Source:

Aqueous LCS Source:

LCS-19561

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Cyanide				5.0	5.1		3.6	6.2	102.0

U.S. EPA - CLP

7
LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Solid LCS Source:

Aqueous LCS Source:

LCS-19668

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Mercury				5.8	6.0		4.0	7.7	103.4

7
LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Solid LCS Source:

Aqueous LCS Source:

LCS-19669

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum				7640.0	8556.0		4419.7	10900.0	112.0
Antimony				84.5	63.7		0.8	188.0	75.4
Arsenic				95.9	93.6		76.5	115.0	97.6
Barium				157.0	166.1		129.0	185.0	105.8
Beryllium				50.5	49.6		41.4	59.6	98.2
Cadmium				54.6	55.3		44.5	64.7	101.3
Calcium				3800.0	3629.8		3000.1	4590.0	95.5
Chromium				68.8	71.9		54.0	83.6	104.5
Cobalt				77.5	78.8		63.4	91.6	101.7
Copper				83.8	88.9		69.0	98.6	106.1
Iron				12100.0	12114.4		6940.6	17200.2	100.1
Lead				121.0	125.0		97.5	145.0	103.3
Magnesium				2720.0	2824.2		2100.1	3339.9	103.8
Manganese				469.0	475.5		375.0	563.0	101.4
Nickel				54.5	58.7		44.4	64.6	107.7
Potassium				2190.0	2498.7		1559.9	2820.1	114.1
Selenium				102.0	95.7		77.1	127.0	93.8
Silver				106.0	100.4		64.9	147.0	94.7
Sodium				248.0	263.6	J	138.0	358.0	106.3
Thallium				182.0	188.2		138.0	226.0	103.4
Vanadium				118.0	115.8		88.2	148.0	98.1
Zinc				243.0	243.9		193.0	293.0	100.4

8
ICP SERIAL DILUTIONS

SD07-S-M

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Level (low/med): MED

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	180702.46		182511.96		1.0		P
Antimony	9.43	B	17.01	B	80.4		P
Arsenic	73.36		75.65		3.1		P
Barium	3052.37		3206.03		5.0		P
Beryllium	9.46		9.93	B	5.0		P
Cadmium	12.42		12.01	B	3.3		P
Calcium	38073.24		38774.03		1.8		P
Chromium	223.29		232.45		4.1		P
Cobalt	49.07	B	52.55	B	7.1		P
Copper	734.89		780.41		6.2		P
Iron	196105.78		213281.70		8.8		P
Lead	2034.75		2154.53		5.9		P
Magnesium	27845.83		29680.81		6.6		P
Manganese	1611.85		1698.81		5.4		P
Nickel	217.67		227.70		4.6		P
Potassium	17880.64		18344.51	B	2.6		P
Selenium	16.85	B	11.34	B	32.7		P
Silver	20.87		21.48	B	2.9		P
Sodium	4456.56	B	4907.43	B	10.1		P
Thallium	3.30	U	16.00	U			P
Vanadium	306.78		314.93		2.7		P
Zinc	2422.73		2661.69		9.9		P

U.S. EPA - CLP

8
ICP SERIAL DILUTIONS

SS11-S-M

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Matrix (soil/water): SOIL Level (low/med): MED

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	172323.75		176022.88		2.1		P
Antimony	8.65	B	17.99	B	108.0		P
Arsenic	70.74		82.42		16.5		P
Barium	1648.00		1704.82		3.4		P
Beryllium	7.40		7.67	B	3.6		P
Cadmium	5.63		4.19	B	25.6	E	P
Calcium	9516.44		9886.56	B	3.9		P
Chromium	231.63		251.00		8.4		P
Cobalt	81.02		84.77	B	4.6		P
Copper	235.10		245.76		4.5		P
Iron	213953.12		233876.62		9.3		P
Lead	218.61		232.21		6.2		P
Magnesium	66856.95		70860.05		6.0		P
Manganese	5367.74		5682.85		5.9		P
Nickel	230.11		247.94		7.7		P
Potassium	18901.79		19569.15	B	3.5		P
Selenium	3.60	U	18.00	U			P
Silver	21.99		24.52	B	11.5		P
Sodium	461.76	B	2600.00	U	100.0		P
Thallium	2.60	U	13.00	U			P
Vanadium	315.33		322.27		2.2		P
Zinc	746.12		802.09		7.5		P

U.S. EPA - CLP

9
METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: Date: 07/01/05

Flame AA ID Number: FIMS1 TestCode: ILM5.3_HG_W

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (UG/L)	MDL (UG/L)	M
Mercury	0.00		0.2	0.05	CV

Comments:

U.S. EPA - CLP

9
METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: Date: 07/01/05

Flame AA ID Number: FIMS1 TestCode: ILM5.3_HG_S

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (MG/KG)	MDL (MG/KG)	M
Mercury	0.00		0.1	0.007	CV

Comments:

U.S. EPA - CLP

9
METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: Date: 07/01/05

Flame AA ID Number: LACHAT1 TestCode: ILM5.3 CN W

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (UG/L)	MDL (UG/L)	M
Cyanide			10	9.1	CA

Comments:

U.S. EPA - CLP

9
METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: Date: 07/01/05

Flame AA ID Number: LACHAT1 TestCode: ILM5.3 CN S

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (MG/KG)	MDL (MG/KG)	M
Cyanide			2.5	0.12	CA

Comments:

U.S. EPA - CLP

9
METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA2 Date: 07/01/05

Flame AA ID Number: TestCode: ILM5.3_ICP_W

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (UG/L)	MDL (UG/L)	M
Aluminum	308.21		200	14	P
Antimony	206.83		60	1.2	P
Arsenic	188.98		10	1.6	P
Barium	233.53		200	2.1	P
Beryllium	313.11		5.0	0.15	P
Cadmium	226.50		5.0	0.10	P
Calcium	227.54		5000	33	P
Chromium	267.72		10	0.38	P
Cobalt	228.62		50	0.15	P
Copper	324.75		25	6.3	P
Iron	273.96		100	19	P
Lead	220.35		10	0.46	P
Magnesium	279.08		5000	20	P
Manganese	257.61		15	1.8	P
Nickel	231.60		40	0.59	P
Selenium	196.03		35	0.98	P
Silver	328.07		10	0.91	P
Thallium	190.80		25	1.2	P
Vanadium	292.40		50	0.47	P
Zinc	206.20		60	2.3	P

Comments:

U.S. EPA - CLP

9
METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA2 Date: 07/01/05

Flame AA ID Number: TestCode: ILM5.3 ICP S

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (MG/KG)	MDL (MG/KG)	M
Aluminum	308.21		20	0.34	P
Antimony	206.83		6.0	0.056	P
Arsenic	188.98		1.0	0.076	P
Barium	233.53		20	0.13	P
Beryllium	313.11		0.50	0.0061	P
Cadmium	226.50		0.50	0.0055	P
Calcium	227.54		500	1.8	P
Chromium	267.72		1.0	0.014	P
Cobalt	228.62		5.0	0.022	P
Copper	324.75		2.5	0.21	P
Iron	273.96		10	0.87	P
Lead	220.35		1.0	0.041	P
Magnesium	279.08		500	0.81	P
Manganese	257.61		1.5	0.067	P
Nickel	231.60		4.0	0.026	P
Selenium	196.03		3.5	0.067	P
Silver	328.07		1.0	0.019	P
Thallium	190.80		2.5	0.079	P
Vanadium	292.40		5.0	0.021	P
Zinc	206.20		6.0	0.056	P

Comments:

U.S. EPA - CLP

9
METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA3 Date: 07/01/05

Flame AA ID Number: TestCode: ILM5.3 ICP W

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (UG/L)	MDL (UG/L)	M
Potassium	766.49		5000	160	P
Sodium	589.59		5000	130	P

Comments:

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9
METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA3 Date: 07/01/05

Flame AA ID Number: TestCode: ILM5.3 ICP S

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (MG/KG)	MDL (MG/KG)	M
Potassium	766.49		500	4.6	P
Sodium	589.59		500	7.5	P

Comments:

U.S. EPA - CLP

10A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA2 Date: 3/30/05

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	Mg	Cr
Aluminum	308.21		0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0174150	-0.0031006	0.1190830	0.0081035	5.7478200
Arsenic	188.97	0.0728007	0.0000000	0.0111660	0.0111660	-5.3346900
Barium	233.52	0.0046014	0.0068611	0.1471710	0.0036820	0.0000000
Beryllium	313.10	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	-0.0035740	0.0000000	0.0664913	0.0000000	0.0000000
Calcium	227.54	-0.5000390		12.8307000	0.0000000	5.5746300
Chromium	267.71	0.0000000	0.0000000	0.0000000	0.0000000	
Cobalt	228.61	0.0000000	0.0000000	0.0250613	0.0000000	-0.0557816
Copper	324.75	0.0072906	0.0039852	-0.1106930	0.0033097	0.1265570
Iron	273.95	0.0000000	0.0000000		0.0000000	0.0000000
Lead	220.35	-0.2678550	-0.0170279	-0.0228521	0.0021432	-0.1462470
Magnesium	279.07	0.0000000	0.0000000	-0.3250520		0.0000000
Manganese	257.61	-0.0388603	0.0047481	-0.5591400	0.0077324	-0.5826900
Nickel	231.60	0.0000000	0.0000000	0.0000302	0.0000000	0.0000000
Selenium	196.02	-0.0555964	-0.0182908	-0.0004092	-0.0058448	-0.0625148
Silver	328.06	0.3719790	0.5376300	-0.0000575	0.0509589	0.1291050
Sodium	330.24	0.3088000	0.5913160	-1.5536100	0.0000000	0.0000000
Thallium	190.80	0.0623562	-0.0110972	0.0000000	0.0062609	0.1560700
Vanadium	292.40	0.0000000	0.0000000	-0.0108800	-0.0030049	-1.6625200
Zinc	206.2	0.0105770	0.0063648	0.0243549	0.0478891	-2.4316200

Comments:

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10A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA2 Date: 3/30/05

Analyte	Wave-length (nm)	Interelement Correction Factors for: Cu	Mn	Ni	Tl	Ti
Aluminum	308.21	0.0000000	3.5113200	0.0000000	0.0000000	7.7972300
Antimony	206.83	0.0635122	0.0000000	-0.6345370	0.0000000	0.0000000
Arsenic	188.97	0.0950247	0.0943115	0.0353420	0.0000000	0.0000000
Barium	233.52	0.0000000	0.0000000	0.0363350	0.0000000	0.0000000
Beryllium	313.10	0.0000000	0.0000000	0.0000000	0.0000000	-1.3160900
Cadmium	226.50	0.0000000	0.0000000	-0.2330110	0.0000000	0.0000000
Calcium	227.54	15.2080000	4.8753100	26.9670000	0.0000000	9.7776700
Chromium	267.71	0.3955010	0.5395740	0.0680176	0.1064640	0.3212980
Cobalt	228.61	0.0000000	0.0000000	0.1294980	0.0000000	1.6297500
Copper	324.75		0.7489700	0.1716190	0.2134400	0.6450550
Iron	273.95	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	-0.0913612	0.0505016	-0.6345370	0.0000000	-0.5608130
Magnesium	279.07	0.0000000	-17.7574000	0.0000000	0.0000000	-7.9278400
Manganese	257.61	0.0000000		0.0224954	0.1603130	0.4882460
Nickel	231.60	0.0000000	0.0000000		0.9385730	1.7139400
Selenium	196.02	0.0619276	0.6810920	0.0000000	0.0000000	0.0000000
Silver	328.06	0.1111620	0.0927470	0.0262930	0.0894754	0.0000000
Sodium	330.24	-11.2798000	0.0000000	0.0000000	0.0000000	-588.4260000
Thallium	190.80	0.0000000	-1.3575900	-0.0201988		0.5053050
Vanadium	292.40	0.0000000	-0.0678184	0.0000000	0.0000000	0.2716680
Zinc	206.2	0.0000000	0.1280170	0.0329218	0.2110700	0.5658720

Comments:

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10A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA2 Date: 3/30/05

Analyte	Wave-length (nm)	Interelement Correction Factors for: V	___	___	___	___
Aluminum	308.21	14.9737000				
Antimony	206.83	-1.4152400				
Arsenic	188.97	0.0696804				
Barium	233.52	0.5825770				
Beryllium	313.10	0.0000000				
Cadmium	226.50	0.0000000				
Calcium	227.54	42.7958000				
Chromium	267.71	-0.1479760				
Cobalt	228.61	0.0000000				
Copper	324.75	-0.2133690				
Iron	273.95	58.8950000				
Lead	220.35	-0.0935740				
Magnesium	279.07	-1.7446300				
Manganese	257.61	-0.1035920				
Nickel	231.60	0.1378080				
Selenium	196.02	0.2808450				
Silver	328.06	-1.0256500				
Sodium	330.24	0.0000000				
Thallium	190.80	2.1012200				
Vanadium	292.40					
Zinc	206.2	0.0217066				

Comments:

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10A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA3 Date: 3/30/05

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	Mg	Cr
Aluminum	308.21		0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0000000	0.0000000	-0.0517312	0.0000000	15.4803000
Arsenic	188.97	0.0045356	0.0024744	-0.0285871	0.0092064	0.1871210
Barium	233.52	0.0025226	0.0068006	0.0333679	0.0000000	0.0000000
Beryllium	313.10	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0411486	0.0000000	0.0000000
Calcium	227.54	0.0000000		27.1137000	0.2574310	4.3574700
Chromium	267.71	0.0000000	0.0021322	-0.0049863	0.0000000	
Cobalt	228.61	0.0000000	0.0000000	0.0222111	0.0000000	-0.0728049
Copper	324.75	0.0134956	0.0000000	-0.2539560	-0.0033103	-0.0915122
Iron	273.95	0.0000000	0.0000000		0.0000000	0.0000000
Lead	220.35	-0.0876746	-0.0229064	0.0293723	0.0033855	-0.0939601
Magnesium	279.07	0.0000000	0.0000000	0.6940750		0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0238222	-0.0405452
Nickel	231.60	0.0000000	0.0031128	0.0185769	0.0000000	0.0000000
Selenium	196.02	-0.0296877	-0.0209754	-0.1962320	-0.0169028	0.0432675
Silver	328.06	0.3670370	0.5515260	0.0549539	0.0058626	0.0000000
Sodium	330.24	0.0721289	1.6032800	-1.5017600	-0.0869609	10.6933000
Thallium	190.80	0.0000000	0.0099136	-0.0481012	-0.0155318	0.2873470
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	-2.5362100
Zinc	206.2	0.0055655	0.0000000	0.0134116	0.0450133	-3.7838400

Comments:

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10A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA3 Date: 3/30/05

Analyte	Wave-length (nm)	Interelement Correction Factors for: Cu	Mn	Ni	Tl	Ti
Aluminum	308.21	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0782287	-0.1102270	-0.8122530	0.0000000	0.2031080
Arsenic	188.97	0.0000000	0.0000000	0.0186825	-0.0952024	0.0000000
Barium	233.52	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.10	0.0000000	0.0000000	0.0000000	0.0000000	-1.1853200
Cadmium	226.50	0.0000000	0.0000000	-0.2560290	0.0000000	0.0000000
Calcium	227.54	9.2404200	4.8478000	45.3181000	0.0000000	6.0943300
Chromium	267.71	0.0000000	0.2669770	0.0000000	0.0000000	0.1082320
Cobalt	228.61	0.0000000	0.0000000	0.0935109	0.0000000	2.1801300
Copper	324.75		0.0000000	0.0000000	0.0865919	0.1871190
Iron	273.95	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.2515750	0.1073900	0.0000000	0.0000000	-0.1902580
Magnesium	279.07	0.0000000	-3.4112600	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000		0.0000000	0.1517340	0.5352630
Nickel	231.60	0.0000000	0.0507419		0.2032970	0.0014408
Selenium	196.02	-0.0634704	0.8209090	0.0315190	-0.1350020	-0.1919800
Silver	328.06	0.0000000	0.0774532	-0.0602150	-0.0850740	0.3390440
Sodium	330.24	-4.8099800	0.0000000	2.6787200	-4.5025700	380.7280000
Thallium	190.80	0.0000000	-2.3409500	0.0450492		0.7407530
Vanadium	292.40	0.0000000	-0.0539501	0.0000000	0.0000000	0.6419912
Zinc	206.2	0.0000000	0.3582140	0.0000000	0.1493410	0.4049780

Comments:

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10A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA3 Date: 3/30/05

Analyte	Wave-length (nm)	Interelement Correction Factors for: V	___	___	___	___
Aluminum	308.21	-24.1150000				
Antimony	206.83	-0.1104220				
Arsenic	188.97	0.1568980				
Barium	233.52	-0.6748410				
Beryllium	313.10	-0.0346689				
Cadmium	226.50	0.0000000				
Calcium	227.54	58.0892000				
Chromium	267.71	-0.3813230				
Cobalt	228.61	0.0000000				
Copper	324.75	-0.1314340				
Iron	273.95	30.6163000				
Lead	220.35	-0.0674069				
Magnesium	279.07	0.0000000				
Manganese	257.61	-0.0342472				
Nickel	231.60	0.0000000				
Selenium	196.02	-0.0783879				
Silver	328.06	-5.7249500				
Sodium	330.24	3.2989700				
Thallium	190.80	0.0000000				
Vanadium	292.40					
Zinc	206.2	0.0000000				

Comments:

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11
ICP LINEAR RANGES (QUARTERLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA2 Date: 07/01/2005

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	0.20	500000	P
Antimony	0.20	25000	P
Arsenic	0.20	25000	P
Barium	0.20	50000	P
Beryllium	0.20	1000	P
Cadmium	0.20	10000	P
Calcium	0.20	500000	P
Chromium	0.20	50000	P
Cobalt	0.20	50000	P
Copper	0.20	25000	P
Iron	0.20	300000	P
Lead	0.20	100000	P
Magnesium	0.20	500000	P
Manganese	0.20	25000	P
Nickel	0.20	100000	P
Selenium	0.20	25000	P
Silver	0.20	2500	P
Thallium	0.20	25000	P
Vanadium	0.20	100000	P
Zinc	0.20	25000	P

Comments:

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11
ICP LINEAR RANGES (QUARTERLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

ICP ID Number: OPTIMA3 Date: 07/01/2005

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Potassium	0.20	250000	P
Sodium	0.20	250000	P

Comments:

U.S. EPA - CLP

12
PREPARATION LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Method: CA

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSS	08/18/05	1.00	50
PBS	08/18/05	1.00	50
SD01-S-O	08/18/05	1.09	50
SD02-S-D	08/18/05	1.24	50
SD02-S-O	08/18/05	1.05	50
SD03-S-O	08/18/05	1.09	50
SD04-S-O	08/18/05	1.10	50
SD05-S-O	08/18/05	1.09	50
SD06-S-O	08/18/05	1.16	50
SD07-S-M	08/18/05	1.16	50
SD07-S-MD	08/18/05	1.16	50
SD07-S-MS	08/18/05	1.16	50
SD07-S-O	08/18/05	1.00	50
SD08-S-O	08/18/05	1.05	50
SD09-S-O	08/18/05	1.09	50
SD10-S-O	08/18/05	1.01	50
SD11-S-O	08/18/05	1.09	50
SD12-S-O	08/18/05	1.15	50
SS02-S-O	08/18/05	1.01	50
SS03-S-O	08/18/05	1.22	50
SS05-S-O	08/18/05	1.12	50
SS10-S-D	08/18/05	1.10	50
SS10-S-O	08/18/05	1.04	50
SS11-S-M	08/18/05	1.02	50

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12
PREPARATION LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Method: CV

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSS	08/25/05	0.20	100
PBS	08/25/05	0.20	100
SD01-S-O	08/25/05	0.21	100
SD02-S-D	08/25/05	0.23	100
SD02-S-O	08/25/05	0.23	100
SD03-S-O	08/25/05	0.20	100
SD04-S-O	08/25/05	0.23	100
SD05-S-O	08/25/05	0.24	100
SD06-S-O	08/25/05	0.24	100
SD07-S-M	08/25/05	0.25	100
SD07-S-MD	08/25/05	0.25	100
SD07-S-MS	08/25/05	0.25	100
SD07-S-O	08/25/05	0.23	100
SD08-S-O	08/25/05	0.20	100
SD09-S-O	08/25/05	0.25	100
SD10-S-O	08/25/05	0.21	100
SD11-S-O	08/25/05	0.23	100
SD12-S-O	08/25/05	0.22	100
SS02-S-O	08/25/05	0.24	100
SS03-S-O	08/25/05	0.21	100
SS05-S-O	08/25/05	0.23	100
SS10-S-D	08/25/05	0.24	100
SS10-S-O	08/25/05	0.23	100
SS11-S-M	08/25/05	0.22	100
SS11-S-MD	08/25/05	0.22	100
SS11-S-MS	08/25/05	0.22	100

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12
PREPARATION LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Method: P

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSS	08/25/05	1.00	100
PBS	08/25/05	1.00	100
SD01-S-O	08/25/05	1.24	100
SD02-S-D	08/25/05	1.45	100
SD02-S-O	08/25/05	1.45	100
SD03-S-O	08/25/05	1.27	100
SD04-S-O	08/25/05	1.49	100
SD05-S-O	08/25/05	1.44	100
SD06-S-O	08/25/05	1.49	100
SD07-S-M	08/25/05	1.45	100
SD07-S-MD	08/25/05	1.45	100
SD07-S-MS	08/25/05	1.45	100
SD07-S-O	08/25/05	1.50	100
SD08-S-O	08/25/05	1.15	100
SD09-S-O	08/25/05	1.31	100
SD10-S-O	08/25/05	1.08	100
SD11-S-O	08/25/05	1.36	100
SD12-S-O	08/25/05	1.15	100
SS02-S-O	08/25/05	1.17	100
SS03-S-O	08/25/05	1.16	100
SS05-S-O	08/25/05	1.14	100
SS10-S-D	08/25/05	1.26	100
SS10-S-O	08/25/05	1.24	100
SS11-S-M	08/25/05	1.08	100
SS11-S-MD	08/25/05	1.08	100
SS11-S-MS	08/25/05	1.08	100

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13
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Instrument ID Number: FIMS1 Method: CV

Start Date: 08/26/2005 End Date: 08/26/2005

EPA Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	0949																X								
S0.2	1.00	0950																X								
S1.0	1.00	0951																X								
S2.0	1.00	0953																X								
S5.0	1.00	0954																X								
S10.0	1.00	0955																X								
ZZZZZZ	1.00	0956																								
ICV	1.00	0959																X								
ICB	1.00	1001																X								
CRA	1.00	1002																X								
CCV	1.00	1003																X								
CCB	1.00	1005																X								
PBS	1.00	1006																X								
LCSS	2.00	1007																X								
SD03-S-O	1.00	1009																X								
SD02-S-O	1.00	1010																X								
SD02-S-D	1.00	1011																X								
CCV	1.00	1013																X								
CCB	1.00	1014																X								
SD12-S-O	1.00	1015																X								
SD01-S-O	1.00	1017																X								
SD07-S-O	1.00	1018																X								
SD07-S-M	1.00	1019																X								
SD07-S-MD	1.00	1021																X								
ZZZZZZ	1.00	1022																								
SD05-S-O	1.00	1023																X								
SD06-S-O	1.00	1024																X								
CCV	1.00	1026																X								
CCB	1.00	1027																X								
SD09-S-O	1.00	1029																X								
SD08-S-O	1.00	1030																X								
SD10-S-O	1.00	1031																X								
SD11-S-O	1.00	1033																X								
SD04-S-O	1.00	1034																X								
SS02-S-O	1.00	1035																X								

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ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Instrument ID Number: FIMS1 Method: CV

Start Date: 08/26/2005 End Date: 08/26/2005

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
SS03-S-O	1.00	1037																X									
SS05-S-O	1.00	1038																X									
CCV	1.00	1039																X									
CCB	1.00	1041																X									
SS10-S-O	1.00	1042																X									
SS11-S-M	1.00	1043																X									
SS11-S-MD	1.00	1045																X									
SS11-S-MS	1.00	1046																X									
SS10-S-D	1.00	1047																X									
CCV	1.00	1049																X									
CCB	1.00	1050																X									
CCV	1.00	1054																X									
CCB	1.00	1056																X									
SD07-S-MS	1.00	1057																X									
ZZZZZZ	1.00	1058																									
CCV	1.00	1100																X									
CCB	1.00	1101																X									

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ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Instrument ID Number: LACHAT1 Method: CA

Start Date: 08/19/2005 End Date: 08/19/2005

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1039																								X
S0.01	1.00	1041																								X
S0.025	1.00	1044																								X
S0.05	1.00	1046																								X
S0.10	1.00	1049																								X
S0.20	1.00	1051																								X
S0.40	1.00	1054																								X
ICV	1.00	1057																								X
ICB	1.00	1100																								X
CRA	1.00	1102																								X
CCV	1.00	1105																								X
CCB	1.00	1107																								X
ZZZZZZ	1.00	1110																								
PBS	1.00	1112																								X
LCSS	1.00	1115																								X
SD03-S-O	1.00	1117																								X
CCV	1.00	1120																								X
CCB	1.00	1123																								X
SD02-S-O	1.00	1125																								X
SD02-S-D	1.00	1128																								X
SD12-S-O	1.00	1130																								X
SD01-S-O	1.00	1133																								X
SD07-S-O	1.00	1135																								X
SD07-S-M	1.00	1138																								X
SD07-S-MD	1.00	1140																								X
SD07-S-MS	1.00	1143																								X
CCV	1.00	1145																								X
CCB	1.00	1148																								X
SD05-S-O	1.00	1150																								X
SD06-S-O	1.00	1153																								X
SD09-S-O	1.00	1155																								X
SD08-S-O	1.00	1158																								X
SD10-S-O	1.00	1200																								X
SD11-S-O	1.00	1203																								X
SD04-S-O	1.00	1206																								X

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ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Instrument ID Number: LACHAT1 Method: CA

Start Date: 08/19/2005 End Date: 08/19/2005

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
SS02-S-O	1.00	1208																								X
CCV	1.00	1211																								X
CCB	1.00	1213																								X
SS03-S-O	1.00	1216																								X
SS05-S-O	1.00	1218																								X
SS10-S-O	1.00	1221																								X
SS11-S-M	1.00	1223																								X
SS10-S-D	1.00	1226																								X
CCV	1.00	1228																								X
CCB	1.00	1231																								X

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ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Instrument ID Number: OPTIMA2 Method: P

Start Date: 08/26/2005 End Date: 08/26/2005

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1223		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
S1	1.00	1227		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
ICV	1.00	1232		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
ICB	1.00	1243		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
CRI	1.00	1247			X	X		X	X		X	X	X		X		X		X		X	X		X	X	X	
ICSA	1.00	1251		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
ICSAB	1.00	1255		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
CCV	1.00	1258		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
CCB	1.00	1302		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
PBS	1.00	1306		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
LCSS	1.00	1310		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SD03-S-0	1.00	1315		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SD02-S-0	1.00	1319		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SD02-S-D	1.00	1323		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SD12-S-0	1.00	1327		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SD01-S-0	1.00	1331		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SD07-S-0	1.00	1335		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SD07-S-M	1.00	1339		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SD07-S-MD	1.00	1343		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
CCV	1.00	1347		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
CCB	1.00	1352		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SD07-S-MS	1.00	1356		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SD07-S-ML	5.00	1400		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SD07-S-MA	1.00	1404			X												X										
SD05-S-0	1.00	1408		X	X	X	X	X	X		X	X	X	X	X	X	X		X		X	X		X	X	X	
SD06-S-0	1.00	1413		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SD09-S-0	1.00	1417		X	X	X	X	X	X	X	X	X	X		X		X		X		X	X		X	X	X	
SD08-S-0	1.00	1429		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
CRI	1.00	1435			X	X		X	X		X	X	X		X		X		X		X	X		X	X	X	
ICSA	1.00	1440		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
ICSAB	1.00	1444		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
CCV	1.00	1448		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
CCB	1.00	1452		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SD10-S-0	1.00	1456		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SD11-S-0	1.00	1501		X	X	X	X	X	X	X	X	X	X		X	X	X		X		X	X		X	X	X	

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ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Instrument ID Number: OPTIMA2 Method: P

Start Date: 08/26/2005 End Date: 08/26/2005

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
SD04-S-O	1.00	1505		X	X	X	X	X	X	X	X	X	X		X	X	X		X		X	X		X	X	X	
SS02-S-O	1.00	1507		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SS03-S-O	1.00	1511		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SS05-S-O	1.00	1516		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SS10-S-O	1.00	1520		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SS11-S-M	1.00	1524		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SS11-S-MD	1.00	1528		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SS11-S-MS	1.00	1532		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
CCV	1.00	1539		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
CCB	1.00	1543		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SS11-S-ML	5.00	1548		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SS11-S-MA	1.00	1552			X																X						
SS10-S-D	1.00	1556		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SD07-S-MA	1.00	1600															X										
SD05-S-O	2.00	1603								X																	
SD09-S-O	3.00	1607												X			X										
SD11-S-O	2.00	1611												X													
CRI	1.00	1618			X	X		X	X		X	X	X		X		X		X		X	X		X	X	X	
ICSA	1.00	1622		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
ICSAB	1.00	1626		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
CCV	1.00	1629		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
CCB	1.00	1633		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
SD04-S-O	5.00	1637												X													
ZZZZZZ	1.00	1707																									
ZZZZZZ	1.00	1711																									
ZZZZZZ	1.00	1715																									
ZZZZZZ	1.00	1719																									
ZZZZZZ	1.00	1723																									
ZZZZZZ	1.00	1727																									
ZZZZZZ	1.00	1731																									
ZZZZZZ	5.00	1736																									
ZZZZZZ	1.00	1740																									
CCV	1.00	1744		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
CCB	1.00	1748		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
ZZZZZZ	1.00	1752																									

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ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Instrument ID Number: OPTIMA2 Method: P

Start Date: 08/26/2005 End Date: 08/26/2005

EPA Sample No.	D/F	Time	% R	Analytes																									
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1756																									
ZZZZZZ	1.00	1800																									
ZZZZZZ	1.00	1805																									
ZZZZZZ	1.00	1809																									
ZZZZZZ	1.00	1813																									
ZZZZZZ	1.00	1817																									
CRI	1.00	1821			X	X		X	X		X	X	X		X		X		X		X	X		X	X	X	
ICSA	1.00	1825		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
ICSAB	1.00	1830		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
CCV	1.00	1832		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	
CCB	1.00	1836		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X	

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ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Instrument ID Number: OPTIMA3 Method: P

Start Date: 09/02/2005 End Date: 09/02/2005

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1217																		X							
S1	1.00	1219																		X							
ICV	1.00	1222																		X							
ICB	1.00	1224																		X							
ICSA	1.00	1226																		X							
ICSAB	1.00	1229																		X							
CCV	1.00	1231																		X							
CCB	1.00	1233																		X							
ZZZZZZ	1.00	1236																									
ZZZZZZ	1.00	1238																									
ZZZZZZ	1.00	1240																									
ZZZZZZ	1.00	1243																									
ZZZZZZ	1.00	1245																									
ZZZZZZ	1.00	1247																									
ZZZZZZ	5.00	1250																									
ZZZZZZ	1.00	1252																									
CCV	1.00	1254																		X							
CCB	1.00	1257																		X							
ZZZZZZ	1.00	1259																									
ZZZZZZ	1.00	1301																									
ZZZZZZ	1.00	1304																									
ZZZZZZ	1.00	1306																									
ZZZZZZ	1.00	1308																									
ZZZZZZ	1.00	1311																									
ICSA	1.00	1313																		X							
ICSAB	1.00	1315																		X							
CCV	1.00	1318																		X							
CCB	1.00	1320																		X							
ZZZZZZ	1.00	1322																									
ZZZZZZ	1.00	1325																									
ZZZZZZ	1.00	1327																									
ZZZZZZ	5.00	1329																									
ZZZZZZ	1.00	1332																									
ZZZZZZ	1.00	1334																									
ZZZZZZ	1.00	1337																									

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ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Instrument ID Number: OPTIMA3 Method: P

Start Date: 09/02/2005 End Date: 09/02/2005

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1339																										
CCV	1.00	1341																		X								
CCB	1.00	1344																		X								
ZZZZZZ	1.00	1346																										
ZZZZZZ	1.00	1348																										
ZZZZZZ	1.00	1351																										
ZZZZZZ	1.00	1353																										
ZZZZZZ	1.00	1355																										
ZZZZZZ	1.00	1358																										
ICSA	1.00	1400																		X								
ICSAB	1.00	1402																		X								
CCV	1.00	1405																		X								
CCB	1.00	1407																		X								
ZZZZZZ	1.00	1409																										
ZZZZZZ	1.00	1412																										
ZZZZZZ	1.00	1414																										
ZZZZZZ	1.00	1416																										
ZZZZZZ	1.00	1419																										
ZZZZZZ	1.00	1421																										
ZZZZZZ	1.00	1423																										
ZZZZZZ	5.00	1426																										
CCV	1.00	1428																		X								
CCB	1.00	1431																		X								
ZZZZZZ	1.00	1433																										
ZZZZZZ	1.00	1435																										
ZZZZZZ	1.00	1438																										
ZZZZZZ	1.00	1440																										
ZZZZZZ	1.00	1442																										
ZZZZZZ	1.00	1445																										
ICSA	1.00	1447																		X								
ICSAB	1.00	1449																		X								
CCV	1.00	1452																		X								
CCB	1.00	1454																		X								
ZZZZZZ	1.00	1456																										
ZZZZZZ	1.00	1459																										

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ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Instrument ID Number: OPTIMA3 Method: P

Start Date: 09/02/2005 End Date: 09/02/2005

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1501																										
ZZZZZZ	1.00	1503																										
ZZZZZZ	1.00	1506																										
ZZZZZZ	5.00	1508																										
ZZZZZZ	1.00	1510																										
ZZZZZZ	1.00	1513																										
CCV	1.00	1515																		X								
CCB	1.00	1518																		X								
ZZZZZZ	1.00	1520																										
ZZZZZZ	1.00	1522																										
ZZZZZZ	1.00	1525																										
ZZZZZZ	1.00	1527																										
ZZZZZZ	1.00	1529																										
ZZZZZZ	1.00	1532																										
ICSA	1.00	1534																		X								
ICSAB	1.00	1536																		X								
CCV	1.00	1539																		X								
CCB	1.00	1541																		X								
ZZZZZZ	1.00	1543																										
ZZZZZZ	1.00	1546																										
ZZZZZZ	1.00	1548																										
ZZZZZZ	1.00	1550																										
ZZZZZZ	1.00	1553																										
ZZZZZZ	5.00	1555																										
ZZZZZZ	1.00	1558																										
PBS	1.00	1600																		X								
CCV	1.00	1602																		X								
CCB	1.00	1605																		X								
LCSS	1.00	1607																		X								
SD03-S-O	1.00	1609																		X								
SD02-S-O	1.00	1612																		X								
SD02-S-D	1.00	1614																		X								
SD12-S-O	1.00	1616																		X								
SD01-S-O	1.00	1619																		X								
ICSA	1.00	1621																		X								

U.S. EPA - CLP

13
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Instrument ID Number: OPTIMA3 Method: P

Start Date: 09/02/2005 End Date: 09/02/2005

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICSAB	1.00	1623																		X							
CCV	1.00	1626																		X							
CCB	1.00	1628																		X							
SD07-S-O	1.00	1630																		X							
SD07-S-M	1.00	1633																		X							
SD07-S-MD	1.00	1635																		X							
SD07-S-ML	5.00	1638																		X							
SD05-S-O	1.00	1640																		X							
SD06-S-O	1.00	1642																		X							
SD09-S-O	1.00	1645																		X							
SD08-S-O	1.00	1647																		X							
CCV	1.00	1649																		X							
CCB	1.00	1652																		X							
SD10-S-O	1.00	1654																		X							
SD11-S-O	1.00	1656																		X							
SD04-S-O	1.00	1659																		X							
SS02-S-O	1.00	1701																		X							
SS03-S-O	1.00	1704																		X							
SS05-S-O	1.00	1706																		X							
ICSA	1.00	1708																		X							
ICSAB	1.00	1711																		X							
CCV	1.00	1713																		X							
CCB	1.00	1715																		X							
SS10-S-O	1.00	1718																		X							
SS11-S-M	1.00	1720																		X							
SS11-S-MD	1.00	1722																		X							
SS11-S-ML	5.00	1725																		X							
ZZZZZZ	1.00	1727																									
ZZZZZZ	1.00	1730																									
ZZZZZZ	1.00	1732																									
ZZZZZZ	1.00	1734																									
ZZZZZZ	1.00	1737																									
ZZZZZZ	1.00	1739																									
CCV	1.00	1741																		X							
CCB	1.00	1744																		X							

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13
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Instrument ID Number: OPTIMA3 Method: P

Start Date: 09/02/2005 End Date: 09/02/2005

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1746																									
ZZZZZZ	1.00	1748																									
ZZZZZZ	1.00	1751																									
ZZZZZZ	1.00	1753																									
ZZZZZZ	1.00	1755																									
ZZZZZZ	5.00	1758																									
ZZZZZZ	1.00	1800																									
ICSA	1.00	1802																		X							
ICSAB	1.00	1805																		X							
CCV	1.00	1807																		X							
CCB	1.00	1809																		X							
SS10-S-D	1.00	1812																		X							
ZZZZZZ	1.00	1814																									
ZZZZZZ	1.00	1817																									
ZZZZZZ	1.00	1819																									
ZZZZZZ	1.00	1821																									
ZZZZZZ	5.00	1824																									
ZZZZZZ	1.00	1826																									
ZZZZZZ	1.00	1828																									
ZZZZZZ	1.00	1831																									
ZZZZZZ	1.00	1833																									
CCV	1.00	1836																		X							
CCB	1.00	1838																		X							
ZZZZZZ	1.00	1840																									
ZZZZZZ	5.00	1843																									
ZZZZZZ	1.00	1845																									
ZZZZZZ	1.00	1847																									
ZZZZZZ	1.00	1850																									
ZZZZZZ	1.00	1852																									
ZZZZZZ	1.00	1855																									
ZZZZZZ	1.00	1857																									
ICSA	1.00	1859																		X							
ICSAB	1.00	1902																		X							
CCV	1.00	1904																		X							
CCB	1.00	1906																		X							

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ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Instrument ID Number: OPTIMA3 Method: P

Start Date: 09/02/2005 End Date: 09/03/2005

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	2034																				X				
S1	1.00	2036																				X				
ICV	1.00	2039																				X				
ICB	1.00	2041																				X				
ICSA	1.00	2043																				X				
ICSAB	1.00	2046																				X				
CCV	1.00	2048																				X				
CCB	1.00	2050																				X				
ZZZZZZ	1.00	2053																								
ZZZZZZ	1.00	2055																								
ZZZZZZ	1.00	2057																								
ZZZZZZ	1.00	2100																								
ZZZZZZ	1.00	2102																								
ZZZZZZ	1.00	2104																								
ZZZZZZ	5.00	2107																								
ZZZZZZ	1.00	2109																								
CCV	1.00	2111																				X				
CCB	1.00	2114																				X				
ZZZZZZ	1.00	2116																								
ZZZZZZ	1.00	2118																								
ZZZZZZ	1.00	2121																								
ZZZZZZ	1.00	2123																								
ZZZZZZ	1.00	2125																								
ZZZZZZ	1.00	2128																								
ICSA	1.00	2130																				X				
ICSAB	1.00	2132																				X				
CCV	1.00	2135																				X				
CCB	1.00	2137																				X				
ZZZZZZ	1.00	2140																								
ZZZZZZ	1.00	2142																								
ZZZZZZ	1.00	2144																								
ZZZZZZ	5.00	2147																								
ZZZZZZ	1.00	2149																								
ZZZZZZ	1.00	2151																								
ZZZZZZ	1.00	2154																								

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ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Instrument ID Number: OPTIMA3 Method: P

Start Date: 09/02/2005 End Date: 09/03/2005

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	2156																										
CCV	1.00	2158																				X						
CCB	1.00	2201																				X						
ZZZZZZ	1.00	2203																										
ZZZZZZ	1.00	2205																										
ZZZZZZ	1.00	2208																										
ZZZZZZ	1.00	2210																										
ZZZZZZ	1.00	2213																										
ZZZZZZ	1.00	2215																										
ICSA	1.00	2217																				X						
ICSAB	1.00	2220																				X						
CCV	1.00	2222																				X						
CCB	1.00	2224																				X						
ZZZZZZ	1.00	2227																										
ZZZZZZ	1.00	2229																										
ZZZZZZ	1.00	2231																										
ZZZZZZ	1.00	2234																										
ZZZZZZ	1.00	2236																										
ZZZZZZ	1.00	2238																										
ZZZZZZ	1.00	2241																										
ZZZZZZ	5.00	2243																										
CCV	1.00	2246																				X						
CCB	1.00	2248																				X						
ZZZZZZ	1.00	2250																										
ZZZZZZ	1.00	2253																										
ZZZZZZ	1.00	2255																										
ZZZZZZ	1.00	2257																										
ZZZZZZ	1.00	2300																										
ZZZZZZ	1.00	2302																										
ICSA	1.00	2304																				X						
ICSAB	1.00	2307																				X						
CCV	1.00	2309																				X						
CCB	1.00	2311																				X						
ZZZZZZ	1.00	2314																										
ZZZZZZ	1.00	2316																										

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ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Instrument ID Number: OPTIMA3 Method: P

Start Date: 09/02/2005 End Date: 09/03/2005

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	2319																										
ZZZZZZ	1.00	2321																										
ZZZZZZ	1.00	2324																										
ZZZZZZ	5.00	2326																										
ZZZZZZ	1.00	2329																										
ZZZZZZ	1.00	2331																										
CCV	1.00	2333																				X						
CCB	1.00	2336																				X						
ZZZZZZ	1.00	2338																										
ZZZZZZ	1.00	2340																										
ZZZZZZ	1.00	2343																										
ZZZZZZ	1.00	2345																										
ZZZZZZ	1.00	2347																										
ZZZZZZ	1.00	2350																										
ICSA	1.00	2352																				X						
ICSAB	1.00	2355																				X						
CCV	1.00	2357																				X						
CCB	1.00	2359																				X						
ZZZZZZ	1.00	0002																										
ZZZZZZ	1.00	0004																										
ZZZZZZ	1.00	0006																										
ZZZZZZ	1.00	0009																										
ZZZZZZ	1.00	0011																										
ZZZZZZ	5.00	0013																										
ZZZZZZ	1.00	0016																										
PBS	1.00	0018																				X						
CCV	1.00	0020																				X						
CCB	1.00	0023																				X						
LCSS	1.00	0025																				X						
SD03-S-O	1.00	0028																				X						
SD02-S-O	1.00	0030																				X						
SD02-S-D	1.00	0032																				X						
SD12-S-O	1.00	0035																				X						
SD01-S-O	1.00	0037																				X						
ICSA	1.00	0039																				X						

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ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Instrument ID Number: OPTIMA3 Method: P

Start Date: 09/02/2005 End Date: 09/03/2005

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICSAB	1.00	0042																				X				
CCV	1.00	0044																				X				
CCB	1.00	0046																				X				
SD07-S-O	1.00	0049																				X				
SD07-S-M	1.00	0051																				X				
SD07-S-MD	1.00	0053																				X				
SD07-S-ML	5.00	0056																				X				
SD05-S-O	1.00	0058																				X				
SD06-S-O	1.00	0100																				X				
SD09-S-O	1.00	0103																				X				
SD08-S-O	1.00	0105																				X				
CCV	1.00	0108																				X				
CCB	1.00	0110																				X				
SD10-S-O	1.00	0112																				X				
SD11-S-O	1.00	0115																				X				
SD04-S-O	1.00	0117																				X				
SS02-S-O	1.00	0119																				X				
SS03-S-O	1.00	0122																				X				
SS05-S-O	1.00	0124																				X				
ICSA	1.00	0126																				X				
ICSAB	1.00	0129																				X				
CCV	1.00	0131																				X				
CCB	1.00	0133																				X				
SS10-S-O	1.00	0136																				X				
SS11-S-M	1.00	0138																				X				
SS11-S-MD	1.00	0141																				X				
SS11-S-ML	5.00	0143																				X				
ZZZZZZ	1.00	0145																								
ZZZZZZ	1.00	0148																								
ZZZZZZ	1.00	0150																								
ZZZZZZ	1.00	0152																								
ZZZZZZ	1.00	0155																								
ZZZZZZ	1.00	0157																								
CCV	1.00	0200																				X				
CCB	1.00	0202																				X				

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ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD0926

Instrument ID Number: OPTIMA3 Method: P

Start Date: 09/02/2005 End Date: 09/03/2005

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	0204																										
ZZZZZZ	1.00	0207																										
ZZZZZZ	1.00	0209																										
ZZZZZZ	1.00	0211																										
ZZZZZZ	1.00	0214																										
ZZZZZZ	5.00	0216																										
ZZZZZZ	1.00	0219																										
ICSA	1.00	0221																				X						
ICSAB	1.00	0223																				X						
CCV	1.00	0226																				X						
CCB	1.00	0228																				X						
SS10-S-D	1.00	0230																				X						
ZZZZZZ	1.00	0233																										
ZZZZZZ	1.00	0235																										
ZZZZZZ	1.00	0238																										
ZZZZZZ	1.00	0240																										
ZZZZZZ	5.00	0242																										
ZZZZZZ	1.00	0245																										
ZZZZZZ	1.00	0247																										
ZZZZZZ	1.00	0249																										
ZZZZZZ	1.00	0252																										
CCV	1.00	0254																				X						
CCB	1.00	0257																				X						
ZZZZZZ	1.00	0259																										
ZZZZZZ	5.00	0301																										
ZZZZZZ	1.00	0304																										
ZZZZZZ	1.00	0306																										
ZZZZZZ	1.00	0309																										
ZZZZZZ	1.00	0311																										
ZZZZZZ	1.00	0313																										
ZZZZZZ	1.00	0316																										
ICSA	1.00	0318																				X						
ICSAB	1.00	0320																				X						
CCV	1.00	0323																				X						
CCB	1.00	0325																				X						

Instrument Raw Data

☑ ICP

☑ Mercury

☑ Cyanide

Sequence No.: 1
Sample ID: S0
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 8/26/05 12:23:48 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:27 AM,

Mean Data: S0

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Calib Units
Ag 328.068	-1627.4	24.98	1.54%	[0.00]	mg/L
Al 308.215	16263.7	44.47	0.27%	[0.00]	mg/L
As 188.979	40.8	1.79	4.38%	[0.00]	mg/L
Ba 233.527	500.9	4.70	0.94%	[0.00]	mg/L
Be 313.107	-630.0	92.63	14.70%	[0.00]	mg/L
Co 228.616	-172.9	4.93	2.85%	[0.00]	mg/L
Cr 267.716	1389.1	52.32	3.77%	[0.00]	mg/L
Cu 324.752	2465.4	15.33	0.62%	[0.00]	mg/L
Fe 273.955	-2705.6	1.66	0.06%	[0.00]	mg/L
Mg 279.077	-10003.0	8.02	0.08%	[0.00]	mg/L
Mn 257.610	-3233.1	1.60	0.05%	[0.00]	mg/L
Ni 231.604	-114.5	4.86	4.24%	[0.00]	mg/L
Pb 220.353	-437.0	0.38	0.09%	[0.00]	mg/L
Sb 206.836	324.3	2.68	0.83%	[0.00]	mg/L
Se 196.026	-26.2	1.60	6.12%	[0.00]	mg/L
Tl 190.801	7.5	3.30	43.89%	[0.00]	mg/L
V 292.402	41.8	21.80	52.18%	[0.00]	mg/L
Zn 206.200	-147.3	1.17	0.79%	[0.00]	mg/L
Na 330.237	874.9	110.40	12.62%	[0.00]	mg/L
Cd 226.502	-802.4	4.51	0.56%	[0.00]	mg/L
Ti 334.940	243.8	38.24	15.69%	[0.00]	mg/L
Ca 227.546	143.8	18.46	12.83%	[0.00]	mg/L

Sequence No.: 2
Sample ID: S1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 8/26/05 12:27:51 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:28 AM,

Mean Data: S1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Calib Units
Ag 328.068	794285.6	141984.33	17.88%	[2.5]	mg/L
Al 308.215	615684.0	10917.23	1.77%	[20]	mg/L
As 188.979	1949.0	1.72	0.09%	[1]	mg/L
Ba 233.527	1544812.4	7056.86	0.46%	[20]	mg/L
Be 313.107	2864411.5	23170.67	0.81%	[0.5]	mg/L
Co 228.616	225852.9	3338.19	1.48%	[5]	mg/L
Cr 267.716	415557.8	7905.39	1.90%	[2]	mg/L
Cu 324.752	836031.9	7477.48	0.89%	[2.5]	mg/L
Fe 273.955	210217.3	3573.39	1.70%	[10]	mg/L
Mg 279.077	1074076.6	7727.31	0.72%	[50]	mg/L
Mn 257.610	574767.6	4403.05	0.77%	[5]	mg/L
Ni 231.604	359775.8	4390.82	1.22%	[5]	mg/L
Pb 220.353	12216.1	19.91	0.16%	[1]	mg/L
Sb 206.836	3870.7	3.47	0.09%	[1]	mg/L
Se 196.026	2433.4	3.42	0.14%	[1]	mg/L
Tl 190.801	1946.7	0.62	0.03%	[1]	mg/L
V 292.402	1072520.4	8178.92	0.76%	[5]	mg/L
Zn 206.200	517718.9	3797.45	0.73%	[5]	mg/L
Na 330.237	71183.1	905.30	1.27%	[50]	mg/L
Cd 226.502	113069.0	2075.39	1.84%	[0.5]	mg/L
Ti 334.940	659878.0	4368.91	0.66%	[1]	mg/L
Ca 227.546	21417.9	8.46	0.04%	[50]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag 328.068	1	Lin Thru 0	0.0	317700	0.00000	1.000000	
Al 308.215	1	Lin Thru 0	0.0	30780	0.00000	1.000000	
As 188.979	1	Lin Thru 0	0.0	1949	0.00000	1.000000	
Ba 233.527	1	Lin Thru 0	0.0	77240	0.00000	1.000000	
Be 313.107	1	Lin Thru 0	0.0	5729000	0.00000	1.000000	
Co 228.616	1	Lin Thru 0	0.0	45170	0.00000	1.000000	
Cr 267.716	1	Lin Thru 0	0.0	207800	0.00000	1.000000	
Cu 324.752	1	Lin Thru 0	0.0	334400	0.00000	1.000000	
Fe 273.955	1	Lin Thru 0	0.0	21020	0.00000	1.000000	
Mg 279.077	1	Lin Thru 0	0.0	21480	0.00000	1.000000	
Mn 257.610	1	Lin Thru 0	0.0	115000	0.00000	1.000000	
Ni 231.604	1	Lin Thru 0	0.0	71960	0.00000	1.000000	
Pb 220.353	1	Lin Thru 0	0.0	12220	0.00000	1.000000	
Sb 206.836	1	Lin Thru 0	0.0	3871	0.00000	1.000000	
Se 196.026	1	Lin Thru 0	0.0	2433	0.00000	1.000000	
Tl 190.801	1	Lin Thru 0	0.0	1947	0.00000	1.000000	
V 292.402	1	Lin Thru 0	0.0	214500	0.00000	1.000000	
Zn 206.200	1	Lin Thru 0	0.0	103500	0.00000	1.000000	
Na 330.237	1	Lin Thru 0	0.0	1424	0.00000	1.000000	
Cd 226.502	1	Lin Thru 0	0.0	226100	0.00000	1.000000	
Ti 334.940	1	Lin Thru 0	0.0	659900	0.00000	1.000000	
Ca 227.546	1	Lin Thru 0	0.0	428.4	0.00000	1.000000	

Sequence No.: 3
Sample ID: ICV
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 8/26/05 12:32:06 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:29 AM,

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	549107.1	1.7304	mg/L	0.00753	1.7304	mg/L	0.00753	0.44%
Al 308.215	479164.7	15.494	mg/L	0.1399	15.494	mg/L	0.1399	0.90%
As 188.979	1496.0	0.7734	mg/L	0.00180	0.7734	mg/L	0.00180	0.23%
Ba 233.527	1213338.7	15.705	mg/L	0.2014	15.705	mg/L	0.2014	1.28%
Be 313.107	2221756.2	0.3878	mg/L	0.00457	0.3878	mg/L	0.00457	1.18%
Co 228.616	177585.3	3.9308	mg/L	0.02699	3.9308	mg/L	0.02699	0.69%
Cr 267.716	326471.7	1.5686	mg/L	0.01407	1.5686	mg/L	0.01407	0.90%
Cu 324.752	641536.8	1.9164	mg/L	0.02364	1.9164	mg/L	0.02364	1.23%
Fe 273.955	166517.7	7.6945	mg/L	0.06107	7.6945	mg/L	0.06107	0.79%
Mg 279.077	823726.8	38.424	mg/L	0.3436	38.424	mg/L	0.3436	0.89%
Mn 257.610	446419.3	3.8890	mg/L	0.03145	3.8890	mg/L	0.03145	0.81%
Ni 231.604	282364.6	3.9225	mg/L	0.02252	3.9225	mg/L	0.02252	0.57%
Pb 220.353	9277.6	0.7671	mg/L	0.00158	0.7671	mg/L	0.00158	0.21%
Sb 206.836	2945.3	0.7521	mg/L	0.00118	0.7521	mg/L	0.00118	0.16%
Se 196.026	1857.9	0.7645	mg/L	0.00155	0.7645	mg/L	0.00155	0.20%
Tl 190.801	1496.8	0.7658	mg/L	0.00313	0.7658	mg/L	0.00313	0.41%
V 292.402	825793.3	3.8529	mg/L	0.04953	3.8529	mg/L	0.04953	1.29%
Zn 206.200	402558.0	3.8890	mg/L	0.03339	3.8890	mg/L	0.03339	0.86%
Na 330.237	56080.6	39.398	mg/L	0.4762	39.398	mg/L	0.4762	1.21%
Cd 226.502	88449.7	0.3917	mg/L	0.00282	0.3917	mg/L	0.00282	0.72%
Ti 334.940	-25.0	0.0012	mg/L	0.00003	0.0012	mg/L	0.00003	2.21%
Ca 227.546	16587.3	38.302	mg/L	0.0578	38.302	mg/L	0.0578	0.15%

Sequence No.: 4
Sample ID: ICB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/26/05 12:43:14 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:30 AM,

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	296.0	0.0009	mg/L	0.00000	0.0009	mg/L	0.00000	0.47%

Al 308.215	-105.2	-0.0034 mg/L	0.00454	-0.0034 mg/L	0.00454	133.15%
As 188.979	-0.4	-0.0002 mg/L	0.00136	-0.0002 mg/L	0.00136	702.93%
Ba 233.527	40.1	0.0005 mg/L	0.00001	0.0005 mg/L	0.00001	2.34%
Be 313.107	120.7	0.0000 mg/L	0.00002	0.0000 mg/L	0.00002	97.69%
Co 228.616	10.6	0.0002 mg/L	0.00006	0.0002 mg/L	0.00006	26.04%
Cr 267.716	-18.4	-0.0001 mg/L	0.00019	-0.0001 mg/L	0.00019	208.37%
Cu 324.752	343.9	0.0010 mg/L	0.00018	0.0010 mg/L	0.00018	17.98%
Fe 273.955	-35.0	-0.0017 mg/L	0.00050	-0.0017 mg/L	0.00050	30.48%
Mg 279.077	-91.8	-0.0043 mg/L	0.00057	-0.0043 mg/L	0.00057	13.42%
Mn 257.610	12.7	0.0001 mg/L	0.00008	0.0001 mg/L	0.00008	75.80%
Ni 231.604	15.7	0.0002 mg/L	0.00008	0.0002 mg/L	0.00008	35.23%
Pb 220.353	2.2	0.0002 mg/L	0.00039	0.0002 mg/L	0.00039	217.81%
Sb 206.836	-3.7	-0.0010 mg/L	0.00084	-0.0010 mg/L	0.00084	87.18%
Se 196.026	-2.4	-0.0010 mg/L	0.00122	-0.0010 mg/L	0.00122	123.74%
Tl 190.801	0.6	0.0003 mg/L	0.00031	0.0003 mg/L	0.00031	98.35%
V 292.402	-55.1	-0.0003 mg/L	0.00010	-0.0003 mg/L	0.00010	37.23%
Zn 206.200	160.0	0.0015 mg/L	0.00012	0.0015 mg/L	0.00012	7.76%
Na 330.237	-126.0	-0.0885 mg/L	0.02913	-0.0885 mg/L	0.02913	32.93%
Cd 226.502	8.8	0.0000 mg/L	0.00000	0.0000 mg/L	0.00000	7.06%
Ti 334.940	25.6	0.0000 mg/L	0.00012	0.0000 mg/L	0.00012	290.28%
Ca 227.546	17.9	0.0419 mg/L	0.00831	0.0419 mg/L	0.00831	19.84%

Sequence No.: 5
Sample ID: CRI
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 8/26/05 12:47:21 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:31 AM,

Mean Data: CRI

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	3370.7	0.0103	mg/L	0.00024	0.0103	mg/L	0.00024	2.38%
Al 308.215	6197.1	0.2005	mg/L	0.00107	0.2005	mg/L	0.00107	0.53%
As 188.979	19.2	0.0098	mg/L	0.00067	0.0098	mg/L	0.00067	6.78%
Ba 233.527	17276.8	0.2236	mg/L	0.00075	0.2236	mg/L	0.00075	0.33%
Be 313.107	29687.3	0.0052	mg/L	0.00003	0.0052	mg/L	0.00003	0.60%
Co 228.616	2468.0	0.0546	mg/L	0.00015	0.0546	mg/L	0.00015	0.27%
Cr 267.716	2244.0	0.0108	mg/L	0.00003	0.0108	mg/L	0.00003	0.32%
Cu 324.752	8043.0	0.0240	mg/L	0.00016	0.0240	mg/L	0.00016	0.66%
Fe 273.955	2125.9	0.0980	mg/L	0.00013	0.0980	mg/L	0.00013	0.13%
Mg 279.077	114928.8	5.3505	mg/L	0.05255	5.3505	mg/L	0.05255	0.98%
Mn 257.610	1819.5	0.0158	mg/L	0.00002	0.0158	mg/L	0.00002	0.10%
Ni 231.604	3107.1	0.0431	mg/L	0.00069	0.0431	mg/L	0.00069	1.60%
Pb 220.353	124.2	0.0103	mg/L	0.00027	0.0103	mg/L	0.00027	2.64%
Sb 206.836	198.1	0.0511	mg/L	0.00238	0.0511	mg/L	0.00238	4.66%
Se 196.026	92.3	0.0381	mg/L	0.00067	0.0381	mg/L	0.00067	1.75%
Tl 190.801	50.5	0.0259	mg/L	0.00023	0.0259	mg/L	0.00023	0.88%
V 292.402	11273.1	0.0526	mg/L	0.00004	0.0526	mg/L	0.00004	0.07%
Zn 206.200	6844.0	0.0659	mg/L	0.00031	0.0659	mg/L	0.00031	0.47%
Na 330.237	5228.9	3.6703	mg/L	0.21426	3.6703	mg/L	0.21426	5.84%
Cd 226.502	1209.6	0.0054	mg/L	0.00004	0.0054	mg/L	0.00004	0.77%
Ti 334.940	-41.8	0.0001	mg/L	0.00004	0.0001	mg/L	0.00004	35.90%
Ca 227.546	2106.1	4.9115	mg/L	0.03882	4.9115	mg/L	0.03882	0.79%

Sequence No.: 6
Sample ID: ICSA
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/26/05 12:51:30 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:31 AM,

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	-4444.0	0.0106	mg/L	0.00037	0.0106	mg/L	0.00037	3.51%
Al 308.215	14645199.6	475.74	mg/L	3.037	475.74	mg/L	3.037	0.64%
As 188.979	75.6	-0.0071	mg/L	0.00259	-0.0071	mg/L	0.00259	36.29%
Ba 233.527	1988.2	-0.0062	mg/L	0.00007	-0.0062	mg/L	0.00007	1.11%

Be 313.107	-198.9	-0.0001 mg/L	0.00001	-0.0001 mg/L	0.00001	10.15%
Co 228.616	141.0	-0.0011 mg/L	0.00015	-0.0011 mg/L	0.00015	13.98%
Cr 267.716	664.0	0.0033 mg/L	0.00015	0.0033 mg/L	0.00015	4.68%
Cu 324.752	-5449.6	-0.0008 mg/L	0.00000	-0.0008 mg/L	0.00000	0.45%
Fe 273.955	3539468.2	168.37 mg/L	0.297	168.37 mg/L	0.297	0.18%
Mg 279.077	9590648.7	446.51 mg/L	2.489	446.51 mg/L	2.489	0.56%
Mn 257.610	-11566.4	0.0008 mg/L	0.00012	0.0008 mg/L	0.00012	14.54%
Ni 231.604	304.2	-0.0040 mg/L	0.00017	-0.0040 mg/L	0.00017	4.37%
Pb 220.353	-1546.9	-0.0053 mg/L	0.00294	-0.0053 mg/L	0.00294	55.39%
Sb 206.836	535.3	-0.0005 mg/L	0.00040	-0.0005 mg/L	0.00040	76.43%
Se 196.026	-251.0	0.0050 mg/L	0.00026	0.0050 mg/L	0.00026	5.21%
Tl 190.801	11.0	0.0002 mg/L	0.00141	0.0002 mg/L	0.00141	837.63%
V 292.402	-886.2	-0.0010 mg/L	0.00016	-0.0010 mg/L	0.00016	17.10%
Zn 206.200	2768.2	0.0087 mg/L	0.00015	0.0087 mg/L	0.00015	1.77%
Na 330.237	326.8	0.0437 mg/L	0.04791	0.0437 mg/L	0.04791	109.65%
Cd 226.502	2430.4	0.0036 mg/L	0.00006	0.0036 mg/L	0.00006	1.66%
Ti 334.940	-12743.9	-0.0015 mg/L	0.00012	-0.0015 mg/L	0.00012	7.72%
Ca 227.546	209323.3	486.74 mg/L	2.140	486.74 mg/L	2.140	0.44%

Sequence No.: 7
Sample ID: ICSAB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 8/26/05 12:55:47 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:32 AM,

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	58202.6	0.2092	mg/L	0.00099	0.2092	mg/L	0.00099	0.47%
Al 308.215	15398710.9	500.21	mg/L	2.963	500.21	mg/L	2.963	0.59%
As 188.979	269.9	0.0926	mg/L	0.00505	0.0926	mg/L	0.00505	5.46%
Ba 233.527	43093.5	0.5241	mg/L	0.00177	0.5241	mg/L	0.00177	0.34%
Be 313.107	2791637.3	0.4873	mg/L	0.00401	0.4873	mg/L	0.00401	0.82%
Co 228.616	21191.7	0.4647	mg/L	0.00292	0.4647	mg/L	0.00292	0.63%
Cr 267.716	101382.5	0.4875	mg/L	0.00391	0.4875	mg/L	0.00391	0.80%
Cu 324.752	160560.8	0.4957	mg/L	0.00269	0.4957	mg/L	0.00269	0.54%
Fe 273.955	3703135.0	176.13	mg/L	0.952	176.13	mg/L	0.952	0.54%
Mg 279.077	10064653.2	468.59	mg/L	1.597	468.59	mg/L	1.597	0.34%
Mn 257.610	44387.1	0.4926	mg/L	0.00229	0.4926	mg/L	0.00229	0.47%
Ni 231.604	66834.4	0.9201	mg/L	0.00294	0.9201	mg/L	0.00294	0.32%
Pb 220.353	-1003.6	0.0460	mg/L	0.00317	0.0460	mg/L	0.00317	6.88%
Sb 206.836	2755.4	0.5639	mg/L	0.01049	0.5639	mg/L	0.01049	1.86%
Se 196.026	-152.8	0.0502	mg/L	0.01087	0.0502	mg/L	0.01087	21.64%
Tl 190.801	196.7	0.0949	mg/L	0.00219	0.0949	mg/L	0.00219	2.31%
V 292.402	104560.7	0.4916	mg/L	0.00394	0.4916	mg/L	0.00394	0.80%
Zn 206.200	95317.0	0.9028	mg/L	0.00560	0.9028	mg/L	0.00560	0.62%
Na 330.237	3510.5	2.2752	mg/L	0.07065	2.2752	mg/L	0.07065	3.11%
Cd 226.502	210255.4	0.9225	mg/L	0.00641	0.9225	mg/L	0.00641	0.69%
Ti 334.940	-12758.3	-0.0007	mg/L	0.00004	-0.0007	mg/L	0.00004	5.35%
Ca 227.546	220123.0	511.81	mg/L	3.831	511.81	mg/L	3.831	0.75%

Sequence No.: 8
Sample ID: CCV
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/26/05 12:58:30 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:33 AM,

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	378402.7	1.1924	mg/L	0.02014	1.1924	mg/L	0.02014	1.69%
Al 308.215	313679.0	10.142	mg/L	0.1907	10.142	mg/L	0.1907	1.88%
As 188.979	994.2	0.5140	mg/L	0.00162	0.5140	mg/L	0.00162	0.32%
Ba 233.527	821764.2	10.636	mg/L	0.0378	10.636	mg/L	0.0378	0.36%
Be 313.107	1484984.8	0.2592	mg/L	0.00014	0.2592	mg/L	0.00014	0.05%
Co 228.616	118046.2	2.6129	mg/L	0.03763	2.6129	mg/L	0.03763	1.44%
Cr 267.716	215928.8	1.0375	mg/L	0.01845	1.0375	mg/L	0.01845	1.78%

Cu 324.752	426763.6	1.2748 mg/L	0.02258	1.2748 mg/L	0.02258	1.77%
Fe 273.955	110695.1	5.1145 mg/L	0.07945	5.1145 mg/L	0.07945	1.55%
Mg 279.077	552039.5	25.750 mg/L	0.3890	25.750 mg/L	0.3890	1.51%
Mn 257.610	295912.1	2.5778 mg/L	0.03738	2.5778 mg/L	0.03738	1.45%
Ni 231.604	187921.9	2.6106 mg/L	0.03799	2.6106 mg/L	0.03799	1.46%
Pb 220.353	6239.7	0.5158 mg/L	0.00046	0.5158 mg/L	0.00046	0.09%
Sb 206.836	1942.0	0.4960 mg/L	0.00017	0.4960 mg/L	0.00017	0.04%
Se 196.026	1234.1	0.5078 mg/L	0.00132	0.5078 mg/L	0.00132	0.26%
Tl 190.801	1005.2	0.5143 mg/L	0.00008	0.5143 mg/L	0.00008	0.02%
V 292.402	550874.4	2.5702 mg/L	0.00174	2.5702 mg/L	0.00174	0.07%
Zn 206.200	268360.7	2.5925 mg/L	0.04288	2.5925 mg/L	0.04288	1.65%
Na 330.237	35765.5	25.127 mg/L	0.2754	25.127 mg/L	0.2754	1.10%
Cd 226.502	58972.7	0.2612 mg/L	0.00445	0.2612 mg/L	0.00445	1.70%
Ti 334.940	16.2	0.0008 mg/L	0.00001	0.0008 mg/L	0.00001	1.30%
Ca 227.546	10968.8	25.326 mg/L	0.0471	25.326 mg/L	0.0471	0.19%

Sequence No.: 9
Sample ID: CCB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/26/05 1:02:44 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:34 AM,

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	27.3	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	13.98%
Al 308.215	288.6	0.0094	mg/L	0.00078	0.0094	mg/L	0.00078	8.31%
As 188.979	-1.4	-0.0007	mg/L	0.00004	-0.0007	mg/L	0.00004	5.27%
Ba 233.527	57.3	0.0007	mg/L	0.00021	0.0007	mg/L	0.00021	28.29%
Be 313.107	193.2	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	60.52%
Co 228.616	10.1	0.0002	mg/L	0.00013	0.0002	mg/L	0.00013	59.54%
Cr 267.716	-11.1	-0.0001	mg/L	0.00011	-0.0001	mg/L	0.00011	209.73%
Cu 324.752	528.5	0.0016	mg/L	0.00023	0.0016	mg/L	0.00023	14.30%
Fe 273.955	91.8	0.0044	mg/L	0.00144	0.0044	mg/L	0.00144	33.02%
Mg 279.077	275.4	0.0128	mg/L	0.00307	0.0128	mg/L	0.00307	23.94%
Mn 257.610	12.1	0.0001	mg/L	0.00010	0.0001	mg/L	0.00010	95.82%
Ni 231.604	8.3	0.0001	mg/L	0.00010	0.0001	mg/L	0.00010	83.51%
Pb 220.353	3.7	0.0003	mg/L	0.00004	0.0003	mg/L	0.00004	14.74%
Sb 206.836	3.5	0.0009	mg/L	0.00094	0.0009	mg/L	0.00094	102.79%
Se 196.026	-1.5	-0.0006	mg/L	0.00154	-0.0006	mg/L	0.00154	257.22%
Tl 190.801	2.7	0.0014	mg/L	0.00082	0.0014	mg/L	0.00082	58.84%
V 292.402	-14.1	-0.0001	mg/L	0.00018	-0.0001	mg/L	0.00018	268.44%
Zn 206.200	232.6	0.0022	mg/L	0.00035	0.0022	mg/L	0.00035	15.60%
Na 330.237	-215.7	-0.1515	mg/L	0.05171	-0.1515	mg/L	0.05171	34.14%
Cd 226.502	8.8	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	97.62%
Ti 334.940	10.8	0.0000	mg/L	0.00006	0.0000	mg/L	0.00006	396.48%
Ca 227.546	-6.2	-0.0146	mg/L	0.00808	-0.0146	mg/L	0.00808	55.36%

Sequence No.: 10
Sample ID: MB-19669,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 117
Date Collected: 8/26/05 1:06:51 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:34 AM,

Mean Data: MB-19669,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-34.8	-0.0001	mg/L	0.00047	-0.0001	mg/L	0.00047	475.26%
Al 308.215	537.4	0.0174	mg/L	0.00156	0.0174	mg/L	0.00156	8.95%
As 188.979	1.3	0.0007	mg/L	0.00108	0.0007	mg/L	0.00108	155.66%
Ba 233.527	110.1	0.0014	mg/L	0.00004	0.0014	mg/L	0.00004	3.07%
Be 313.107	58.0	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	133.10%
Co 228.616	3.8	0.0001	mg/L	0.00000	0.0001	mg/L	0.00000	0.68%
Cr 267.716	189.1	0.0009	mg/L	0.00024	0.0009	mg/L	0.00024	27.17%
Cu 324.752	1621.4	0.0049	mg/L	0.00064	0.0049	mg/L	0.00064	13.03%
Fe 273.955	5489.9	0.2612	mg/L	0.00082	0.2612	mg/L	0.00082	0.31%
Mg 279.077	-47.1	-0.0018	mg/L	0.00188	-0.0018	mg/L	0.00188	104.07%

Mn 257.610	1890.4	0.0166 mg/L	0.00003	0.0166 mg/L	0.00003	0.17%
Ni 231.604	75.6	0.0010 mg/L	0.00013	0.0010 mg/L	0.00013	12.74%
Pb 220.353	-5.5	-0.0004 mg/L	0.00007	-0.0004 mg/L	0.00007	15.90%
Sb 206.836	6.3	0.0016 mg/L	0.00005	0.0016 mg/L	0.00005	3.19%
Se 196.026	3.9	0.0017 mg/L	0.00039	0.0017 mg/L	0.00039	23.43%
Tl 190.801	1.0	0.0005 mg/L	0.00206	0.0005 mg/L	0.00206	375.97%
V 292.402	-35.8	-0.0002 mg/L	0.00027	-0.0002 mg/L	0.00027	168.25%
Zn 206.200	1722.8	0.0166 mg/L	0.00013	0.0166 mg/L	0.00013	0.77%
Na 330.237	126.8	0.0902 mg/L	0.19354	0.0902 mg/L	0.19354	214.55%
Cd 226.502	3.6	0.0000 mg/L	0.00002	0.0000 mg/L	0.00002	960.37%
Ti 334.940	867.4	0.0013 mg/L	0.00018	0.0013 mg/L	0.00018	13.45%
Ca 227.546	43.6	0.0982 mg/L	0.00240	0.0982 mg/L	0.00240	2.44%

Sequence No.: 11
Sample ID: LCS-19669,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 118
Date Collected: 8/26/05 1:10:50 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:35 AM,

Mean Data: LCS-19669,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	313359.1	1.0038	mg/L	0.00596	1.0038	mg/L	0.00596	0.59%
Al 308.215	2635740.6	85.560	mg/L	0.4372	85.560	mg/L	0.4372	0.51%
As 188.979	1821.6	0.9355	mg/L	0.00178	0.9355	mg/L	0.00178	0.19%
Ba 233.527	129821.4	1.6614	mg/L	0.01027	1.6614	mg/L	0.01027	0.62%
Be 313.107	2818542.7	0.4965	mg/L	0.00244	0.4965	mg/L	0.00244	0.49%
Co 228.616	35983.5	0.7880	mg/L	0.00540	0.7880	mg/L	0.00540	0.69%
Cr 267.716	150189.4	0.7188	mg/L	0.00311	0.7188	mg/L	0.00311	0.43%
Cu 324.752	288982.7	0.8895	mg/L	0.00658	0.8895	mg/L	0.00658	0.74%
Fe 273.955	2548077.8	121.14	mg/L	0.688	121.14	mg/L	0.688	0.57%
Mg 279.077	603426.5	28.242	mg/L	0.1305	28.242	mg/L	0.1305	0.46%
Mn 257.610	538595.0	4.7545	mg/L	0.02610	4.7545	mg/L	0.02610	0.55%
Ni 231.604	43217.2	0.5869	mg/L	0.00459	0.5869	mg/L	0.00459	0.78%
Pb 220.353	14857.6	1.2496	mg/L	0.00250	1.2496	mg/L	0.00250	0.20%
Sb 206.836	2612.6	0.6368	mg/L	0.00013	0.6368	mg/L	0.00013	0.02%
Se 196.026	2234.4	0.9568	mg/L	0.00053	0.9568	mg/L	0.00053	0.06%
Tl 190.801	3662.0	1.8821	mg/L	0.00687	1.8821	mg/L	0.00687	0.37%
V 292.402	247884.5	1.1576	mg/L	0.00517	1.1576	mg/L	0.00517	0.45%
Zn 206.200	254007.6	2.4394	mg/L	0.01653	2.4394	mg/L	0.01653	0.68%
Na 330.237	8150.9	7.8807	mg/L	0.26835	7.8807	mg/L	0.26835	3.41%
Cd 226.502	126454.3	0.5533	mg/L	0.00277	0.5533	mg/L	0.00277	0.50%
Ti 334.940	2249859.7	3.4108	mg/L	0.03146	3.4108	mg/L	0.03146	0.92%
Ca 227.546	16255.9	36.298	mg/L	0.0245	36.298	mg/L	0.0245	0.07%

Sequence No.: 12
Sample ID: D0926-01B,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 119
Date Collected: 8/26/05 1:15:01 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:36 AM,

Mean Data: D0926-01B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-2804.5	0.0053	mg/L	0.00007	0.0053	mg/L	0.00007	1.32%
Al 308.215	2500624.1	81.216	mg/L	0.2352	81.216	mg/L	0.2352	0.29%
As 188.979	61.3	0.0291	mg/L	0.00252	0.0291	mg/L	0.00252	8.65%
Ba 233.527	114567.9	1.4672	mg/L	0.00384	1.4672	mg/L	0.00384	0.26%
Be 313.107	19396.6	0.0042	mg/L	0.00001	0.0042	mg/L	0.00001	0.17%
Co 228.616	1755.6	0.0352	mg/L	0.00007	0.0352	mg/L	0.00007	0.19%
Cr 267.716	23831.5	0.1133	mg/L	0.00082	0.1133	mg/L	0.00082	0.73%
Cu 324.752	50270.9	0.1747	mg/L	0.00034	0.1747	mg/L	0.00034	0.20%
Fe 273.955	2184511.0	103.91	mg/L	0.311	103.91	mg/L	0.311	0.30%
Mg 279.077	343150.4	16.050	mg/L	0.0678	16.050	mg/L	0.0678	0.42%
Mn 257.610	233940.1	2.0956	mg/L	0.01119	2.0956	mg/L	0.01119	0.53%
Ni 231.604	8293.9	0.1091	mg/L	0.00042	0.1091	mg/L	0.00042	0.38%
Pb 220.353	4725.1	0.4155	mg/L	0.00119	0.4155	mg/L	0.00119	0.29%

Sb 206.836	153.8	0.0070 mg/L	0.00087	0.0070 mg/L	0.00087	12.49%
Se 196.026	-83.7	0.0012 mg/L	0.00063	0.0012 mg/L	0.00063	52.10%
Tl 190.801	-3.2	-0.0005 mg/L	0.00301	-0.0005 mg/L	0.00301	616.76%
V 292.402	30848.1	0.1451 mg/L	0.00007	0.1451 mg/L	0.00007	0.05%
Zn 206.200	65543.4	0.6224 mg/L	0.00100	0.6224 mg/L	0.00100	0.16%
Na 330.237	6937.7	5.3736 mg/L	0.11942	5.3736 mg/L	0.11942	2.22%
Cd 226.502	2017.9	0.0038 mg/L	0.00002	0.0038 mg/L	0.00002	0.41%
Ti 334.940	432960.1	0.6576 mg/L	0.00056	0.6576 mg/L	0.00056	0.09%
Ca 227.546	17114.0	38.631 mg/L	0.1489	38.631 mg/L	0.1489	0.39%

Sequence No.: 13
Sample ID: D0926-02B,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 120
Date Collected: 8/26/05 1:19:05 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:37 AM,

Mean Data: D0926-02B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-4150.6	-0.0065	mg/L	0.00019	-0.0065	mg/L	0.00019	2.86%
Al 308.215	1507660.8	48.939	mg/L	0.4969	48.939	mg/L	0.4969	1.02%
As 188.979	100.7	0.0550	mg/L	0.00059	0.0550	mg/L	0.00059	1.08%
Ba 233.527	81280.5	1.0283	mg/L	0.00968	1.0283	mg/L	0.00968	0.94%
Be 313.107	12143.4	0.0027	mg/L	0.00003	0.0027	mg/L	0.00003	1.20%
Co 228.616	1472.7	0.0279	mg/L	0.00020	0.0279	mg/L	0.00020	0.73%
Cr 267.716	16831.1	0.0761	mg/L	0.00103	0.0761	mg/L	0.00103	1.36%
Cu 324.752	46394.9	0.1765	mg/L	0.00206	0.1765	mg/L	0.00206	1.17%
Fe 273.955	3277282.0	155.89	mg/L	1.462	155.89	mg/L	1.462	0.94%
Mg 279.077	366887.4	17.288	mg/L	0.1628	17.288	mg/L	0.1628	0.94%
Mn 257.610	998403.9	8.7744	mg/L	0.07839	8.7744	mg/L	0.07839	0.89%
Ni 231.604	6313.9	0.0793	mg/L	0.00007	0.0793	mg/L	0.00007	0.08%
Pb 220.353	2008.8	0.1928	mg/L	0.00006	0.1928	mg/L	0.00006	0.03%
Sb 206.836	143.7	0.0064	mg/L	0.00032	0.0064	mg/L	0.00032	4.97%
Se 196.026	-119.2	-0.0067	mg/L	0.00085	-0.0067	mg/L	0.00085	12.72%
Tl 190.801	-36.1	-0.0071	mg/L	0.00040	-0.0071	mg/L	0.00040	5.68%
V 292.402	24121.9	0.1148	mg/L	0.00151	0.1148	mg/L	0.00151	1.32%
Zn 206.200	83539.1	0.7871	mg/L	0.00823	0.7871	mg/L	0.00823	1.04%
Na 330.237	5014.1	3.9680	mg/L	0.22721	3.9680	mg/L	0.22721	5.73%
Cd 226.502	2990.3	0.0052	mg/L	0.00030	0.0052	mg/L	0.00030	5.78%
Ti 334.940	309631.3	0.4728	mg/L	0.00566	0.4728	mg/L	0.00566	1.20%
Ca 227.546	42559.5	97.322	mg/L	1.1509	97.322	mg/L	1.1509	1.18%

Sequence No.: 14
Sample ID: D0926-03B,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 121
Date Collected: 8/26/05 1:23:10 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:37 AM,

Mean Data: D0926-03B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-4437.9	-0.0117	mg/L	0.00023	-0.0117	mg/L	0.00023	1.99%
Al 308.215	1168351.7	37.914	mg/L	0.3434	37.914	mg/L	0.3434	0.91%
As 188.979	77.6	0.0446	mg/L	0.00037	0.0446	mg/L	0.00037	0.82%
Ba 233.527	64476.0	0.8097	mg/L	0.00132	0.8097	mg/L	0.00132	0.16%
Be 313.107	9039.9	0.0021	mg/L	0.00000	0.0021	mg/L	0.00000	0.19%
Co 228.616	1075.9	0.0191	mg/L	0.00017	0.0191	mg/L	0.00017	0.91%
Cr 267.716	13656.6	0.0603	mg/L	0.00061	0.0603	mg/L	0.00061	1.01%
Cu 324.752	36664.1	0.1494	mg/L	0.00132	0.1494	mg/L	0.00132	0.88%
Fe 273.955	3419921.7	162.68	mg/L	0.953	162.68	mg/L	0.953	0.59%
Mg 279.077	293057.5	13.872	mg/L	0.0917	13.872	mg/L	0.0917	0.66%
Mn 257.610	1123496.8	9.8661	mg/L	0.07715	9.8661	mg/L	0.07715	0.78%
Ni 231.604	5027.0	0.0612	mg/L	0.00017	0.0612	mg/L	0.00017	0.27%
Pb 220.353	1417.5	0.1433	mg/L	0.00014	0.1433	mg/L	0.00014	0.10%
Sb 206.836	131.7	0.0054	mg/L	0.00089	0.0054	mg/L	0.00089	16.56%
Se 196.026	-126.5	-0.0094	mg/L	0.00017	-0.0094	mg/L	0.00017	1.77%
Tl 190.801	-42.3	-0.0083	mg/L	0.00001	-0.0083	mg/L	0.00001	0.09%

V 292.402	18766.4	0.0900 mg/L	0.00022	0.0900 mg/L	0.00022	0.25%
Zn 206.200	63407.5	0.5912 mg/L	0.00107	0.5912 mg/L	0.00107	0.18%
Na 330.237	4424.3	3.5150 mg/L	0.05679	3.5150 mg/L	0.05679	1.62%
Cd 226.502	2981.7	0.0048 mg/L	0.00020	0.0048 mg/L	0.00020	4.19%
Ti 334.940	267431.4	0.4098 mg/L	0.00340	0.4098 mg/L	0.00340	0.83%
Ca 227.546	53214.7	122.10 mg/L	1.241	122.10 mg/L	1.241	1.02%

Sequence No.: 15
Sample ID: D0926-04B,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 122
Date Collected: 8/26/05 1:27:15 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:38 AM,

Mean Data: D0926-04B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-4022.3	0.0125	mg/L	0.00007	0.0125	mg/L	0.00007	0.57%
Al 308.215	3026300.7	98.293	mg/L	0.3195	98.293	mg/L	0.3195	0.33%
As 188.979	103.3	0.0525	mg/L	0.00112	0.0525	mg/L	0.00112	2.13%
Ba 233.527	74633.0	0.9409	mg/L	0.00238	0.9409	mg/L	0.00238	0.25%
Be 313.107	20146.9	0.0047	mg/L	0.00003	0.0047	mg/L	0.00003	0.73%
Co 228.616	2732.2	0.0549	mg/L	0.00013	0.0549	mg/L	0.00013	0.24%
Cr 267.716	36986.4	0.1769	mg/L	0.00006	0.1769	mg/L	0.00006	0.03%
Cu 324.752	112075.3	0.3779	mg/L	0.00071	0.3779	mg/L	0.00071	0.19%
Fe 273.955	3484456.9	165.74	mg/L	0.367	165.74	mg/L	0.367	0.22%
Mg 279.077	898455.7	41.909	mg/L	0.1722	41.909	mg/L	0.1722	0.41%
Mn 257.610	153045.3	1.4273	mg/L	0.00679	1.4273	mg/L	0.00679	0.48%
Ni 231.604	12405.6	0.1628	mg/L	0.00053	0.1628	mg/L	0.00053	0.32%
Pb 220.353	26888.0	2.2398	mg/L	0.00105	2.2398	mg/L	0.00105	0.05%
Sb 206.836	204.5	0.0079	mg/L	0.00145	0.0079	mg/L	0.00145	18.21%
Se 196.026	-141.0	-0.0039	mg/L	0.00028	-0.0039	mg/L	0.00028	7.25%
Tl 190.801	-6.7	-0.0040	mg/L	0.00129	-0.0040	mg/L	0.00129	31.98%
V 292.402	40511.9	0.1909	mg/L	0.00006	0.1909	mg/L	0.00006	0.03%
Zn 206.200	169395.2	1.6178	mg/L	0.00244	1.6178	mg/L	0.00244	0.15%
Na 330.237	7184.8	5.7742	mg/L	0.17619	5.7742	mg/L	0.17619	3.05%
Cd 226.502	3638.9	0.0078	mg/L	0.00002	0.0078	mg/L	0.00002	0.20%
Ti 334.940	573742.4	0.8704	mg/L	0.00140	0.8704	mg/L	0.00140	0.16%
Ca 227.546	10944.6	23.439	mg/L	0.0426	23.439	mg/L	0.0426	0.18%

Sequence No.: 16
Sample ID: D0926-05B,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 123
Date Collected: 8/26/05 1:31:22 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:39 AM,

Mean Data: D0926-05B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-2263.9	0.0109	mg/L	0.00020	0.0109	mg/L	0.00020	1.88%
Al 308.215	2694965.4	87.534	mg/L	0.6548	87.534	mg/L	0.6548	0.75%
As 188.979	57.5	0.0264	mg/L	0.00034	0.0264	mg/L	0.00034	1.30%
Ba 233.527	124859.7	1.6008	mg/L	0.01158	1.6008	mg/L	0.01158	0.72%
Be 313.107	13803.3	0.0032	mg/L	0.00004	0.0032	mg/L	0.00004	1.39%
Co 228.616	1871.7	0.0379	mg/L	0.00008	0.0379	mg/L	0.00008	0.21%
Cr 267.716	23699.6	0.1133	mg/L	0.00138	0.1133	mg/L	0.00138	1.22%
Cu 324.752	84641.7	0.2775	mg/L	0.00255	0.2775	mg/L	0.00255	0.92%
Fe 273.955	2146173.2	102.08	mg/L	0.663	102.08	mg/L	0.663	0.65%
Mg 279.077	469832.3	21.926	mg/L	0.1229	21.926	mg/L	0.1229	0.56%
Mn 257.610	103033.8	0.9560	mg/L	0.00514	0.9560	mg/L	0.00514	0.54%
Ni 231.604	9745.6	0.1294	mg/L	0.00030	0.1294	mg/L	0.00030	0.23%
Pb 220.353	2965.1	0.2721	mg/L	0.00011	0.2721	mg/L	0.00011	0.04%
Sb 206.836	155.7	0.0060	mg/L	0.00026	0.0060	mg/L	0.00026	4.29%
Se 196.026	-92.0	-0.0016	mg/L	0.00200	-0.0016	mg/L	0.00200	127.31%
Tl 190.801	-1.9	-0.0017	mg/L	0.00182	-0.0017	mg/L	0.00182	104.93%
V 292.402	32354.7	0.1521	mg/L	0.00191	0.1521	mg/L	0.00191	1.26%
Zn 206.200	113229.8	1.0836	mg/L	0.00903	1.0836	mg/L	0.00903	0.83%
Na 330.237	3953.4	3.2619	mg/L	0.01041	3.2619	mg/L	0.01041	0.32%

Cd 226.502	2540.8	0.0062 mg/L	0.00010	0.0062 mg/L	0.00010	1.58%
Ti 334.940	405151.0	0.6146 mg/L	0.00404	0.6146 mg/L	0.00404	0.66%
Ca 227.546	7742.1	16.783 mg/L	0.0258	16.783 mg/L	0.0258	0.15%

Sequence No.: 17
Sample ID: D0926-06B,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 124
Date Collected: 8/26/05 1:35:28 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:40 AM,

Mean Data: D0926-06B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-3575.0	0.0093	mg/L	0.00011	0.0093	mg/L	0.00011	1.18%
Al 308.215	2668407.5	86.663	mg/L	0.0243	86.663	mg/L	0.0243	0.03%
As 188.979	101.0	0.0516	mg/L	0.00090	0.0516	mg/L	0.00090	1.74%
Ba 233.527	91678.7	1.1645	mg/L	0.00183	1.1645	mg/L	0.00183	0.16%
Be 313.107	22735.2	0.0055	mg/L	0.00001	0.0055	mg/L	0.00001	0.16%
Co 228.616	2277.7	0.0448	mg/L	0.00040	0.0448	mg/L	0.00040	0.90%
Cr 267.716	37499.4	0.1790	mg/L	0.00055	0.1790	mg/L	0.00055	0.31%
Cu 324.752	219090.1	0.6925	mg/L	0.00068	0.6925	mg/L	0.00068	0.10%
Fe 273.955	3082983.8	146.64	mg/L	0.090	146.64	mg/L	0.090	0.06%
Mg 279.077	590502.5	27.574	mg/L	0.0018	27.574	mg/L	0.0018	0.01%
Mn 257.610	176849.5	1.6232	mg/L	0.00060	1.6232	mg/L	0.00060	0.04%
Ni 231.604	13450.1	0.1777	mg/L	0.00046	0.1777	mg/L	0.00046	0.26%
Pb 220.353	25245.6	2.1013	mg/L	0.00033	2.1013	mg/L	0.00033	0.02%
Sb 206.836	196.0	0.0110	mg/L	0.00103	0.0110	mg/L	0.00103	9.37%
Se 196.026	-80.8	0.0144	mg/L	0.00148	0.0144	mg/L	0.00148	10.26%
Tl 190.801	-8.4	-0.0045	mg/L	0.00031	-0.0045	mg/L	0.00031	6.95%
V 292.402	44486.7	0.2092	mg/L	0.00041	0.2092	mg/L	0.00041	0.20%
Zn 206.200	270011.5	2.5916	mg/L	0.00798	2.5916	mg/L	0.00798	0.31%
Na 330.237	10759.3	8.4489	mg/L	0.18097	8.4489	mg/L	0.18097	2.14%
Cd 226.502	5662.0	0.0177	mg/L	0.00001	0.0177	mg/L	0.00001	0.04%
Ti 334.940	786541.8	1.1931	mg/L	0.00177	1.1931	mg/L	0.00177	0.15%
Ca 227.546	13372.9	29.336	mg/L	0.0382	29.336	mg/L	0.0382	0.13%

Sequence No.: 18
Sample ID: D0926-07B,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 125
Date Collected: 8/26/05 1:39:35 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:40 AM,

Mean Data: D0926-07B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-4340.7	0.0209	mg/L	0.00011	0.0209	mg/L	0.00011	0.54%
Al 308.215	5563352.9	180.70	mg/L	0.421	180.70	mg/L	0.421	0.23%
As 188.979	156.9	0.0734	mg/L	0.00171	0.0734	mg/L	0.00171	2.33%
Ba 233.527	238104.5	3.0524	mg/L	0.01268	3.0524	mg/L	0.01268	0.42%
Be 313.107	45728.9	0.0095	mg/L	0.00002	0.0095	mg/L	0.00002	0.18%
Co 228.616	2522.3	0.0491	mg/L	0.00013	0.0491	mg/L	0.00013	0.27%
Cr 267.716	46687.6	0.2233	mg/L	0.00002	0.2233	mg/L	0.00002	0.01%
Cu 324.752	230332.4	0.7349	mg/L	0.00195	0.7349	mg/L	0.00195	0.27%
Fe 273.955	4122859.9	196.11	mg/L	0.366	196.11	mg/L	0.366	0.19%
Mg 279.077	596027.6	27.846	mg/L	0.0827	27.846	mg/L	0.0827	0.30%
Mn 257.610	172052.2	1.6118	mg/L	0.00530	1.6118	mg/L	0.00530	0.33%
Ni 231.604	16492.3	0.2177	mg/L	0.00056	0.2177	mg/L	0.00056	0.26%
Pb 220.353	24134.3	2.0347	mg/L	0.01141	2.0347	mg/L	0.01141	0.56%
Sb 206.836	302.3	0.0094	mg/L	0.00140	0.0094	mg/L	0.00140	14.89%
Se 196.026	-132.1	0.0169	mg/L	0.00319	0.0169	mg/L	0.00319	18.95%
Tl 190.801	-1.1	-0.0024	mg/L	0.00359	-0.0024	mg/L	0.00359	149.33%
V 292.402	65292.8	0.3068	mg/L	0.00062	0.3068	mg/L	0.00062	0.20%
Zn 206.200	252735.9	2.4227	mg/L	0.01130	2.4227	mg/L	0.01130	0.47%
Na 330.237	11482.2	8.9603	mg/L	0.04704	8.9603	mg/L	0.04704	0.53%
Cd 226.502	4977.6	0.0124	mg/L	0.00001	0.0124	mg/L	0.00001	0.09%
Ti 334.940	742745.6	1.1270	mg/L	0.00001	1.1270	mg/L	0.00001	0.00%
Ca 227.546	17369.3	38.073	mg/L	0.2153	38.073	mg/L	0.2153	0.57%

Sequence No.: 19
Sample ID: D0926-07BDUP,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 126
Date Collected: 8/26/05 1:43:45 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:41 AM,

Mean Data: D0926-07BDUP,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-5088.5	0.0265	mg/L	0.00019	0.0265	mg/L	0.00019	0.71%
Al 308.215	6850335.3	222.51	mg/L	1.534	222.51	mg/L	1.534	0.69%
As 188.979	173.7	0.0797	mg/L	0.00036	0.0797	mg/L	0.00036	0.46%
Ba 233.527	263075.9	3.3703	mg/L	0.01803	3.3703	mg/L	0.01803	0.54%
Be 313.107	56165.1	0.0114	mg/L	0.00004	0.0114	mg/L	0.00004	0.38%
Co 228.616	2851.2	0.0553	mg/L	0.00011	0.0553	mg/L	0.00011	0.19%
Cr 267.716	52322.5	0.2505	mg/L	0.00157	0.2505	mg/L	0.00157	0.63%
Cu 324.752	200615.3	0.6539	mg/L	0.00687	0.6539	mg/L	0.00687	1.05%
Fe 273.955	4846995.8	230.55	mg/L	1.507	230.55	mg/L	1.507	0.65%
Mg 279.077	705554.9	32.953	mg/L	0.3166	32.953	mg/L	0.3166	0.96%
Mn 257.610	147830.1	1.4217	mg/L	0.01230	1.4217	mg/L	0.01230	0.86%
Ni 231.604	18586.5	0.2449	mg/L	0.00418	0.2449	mg/L	0.00418	1.71%
Pb 220.353	20780.7	1.7725	mg/L	0.01201	1.7725	mg/L	0.01201	0.68%
Sb 206.836	363.7	0.0108	mg/L	0.00009	0.0108	mg/L	0.00009	0.80%
Se 196.026	-177.7	0.0120	mg/L	0.00142	0.0120	mg/L	0.00142	11.84%
Tl 190.801	-3.1	-0.0045	mg/L	0.00158	-0.0045	mg/L	0.00158	34.70%
V 292.402	76056.0	0.3573	mg/L	0.00246	0.3573	mg/L	0.00246	0.69%
Zn 206.200	247989.1	2.3742	mg/L	0.01485	2.3742	mg/L	0.01485	0.63%
Na 330.237	11787.7	9.2701	mg/L	0.14263	9.2701	mg/L	0.14263	1.54%
Cd 226.502	5362.2	0.0125	mg/L	0.00035	0.0125	mg/L	0.00035	2.83%
Ti 334.940	806442.8	1.2236	mg/L	0.00467	1.2236	mg/L	0.00467	0.38%
Ca 227.546	18198.4	39.586	mg/L	0.0265	39.586	mg/L	0.0265	0.07%

Sequence No.: 20
Sample ID: CCV
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/26/05 1:47:57 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:42 AM,

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	376909.8	1.1878	mg/L	0.01308	1.1878	mg/L	0.01308	1.10%
Al 308.215	315228.0	10.192	mg/L	0.1114	10.192	mg/L	0.1114	1.09%
As 188.979	989.4	0.5115	mg/L	0.00176	0.5115	mg/L	0.00176	0.34%
Ba 233.527	830632.2	10.751	mg/L	0.0692	10.751	mg/L	0.0692	0.64%
Be 313.107	1492785.1	0.2606	mg/L	0.00261	0.2606	mg/L	0.00261	1.00%
Co 228.616	118274.5	2.6180	mg/L	0.02780	2.6180	mg/L	0.02780	1.06%
Cr 267.716	217937.0	1.0471	mg/L	0.01107	1.0471	mg/L	0.01107	1.06%
Cu 324.752	427845.2	1.2781	mg/L	0.01532	1.2781	mg/L	0.01532	1.20%
Fe 273.955	112623.7	5.2051	mg/L	0.02953	5.2051	mg/L	0.02953	0.57%
Mg 279.077	553042.4	25.797	mg/L	0.2500	25.797	mg/L	0.2500	0.97%
Mn 257.610	296808.1	2.5857	mg/L	0.02676	2.5857	mg/L	0.02676	1.03%
Ni 231.604	187275.3	2.6016	mg/L	0.02474	2.6016	mg/L	0.02474	0.95%
Pb 220.353	6352.2	0.5250	mg/L	0.00025	0.5250	mg/L	0.00025	0.05%
Sb 206.836	1939.7	0.4953	mg/L	0.00240	0.4953	mg/L	0.00240	0.48%
Se 196.026	1238.5	0.5096	mg/L	0.00017	0.5096	mg/L	0.00017	0.03%
Tl 190.801	1016.3	0.5200	mg/L	0.00090	0.5200	mg/L	0.00090	0.17%
V 292.402	554860.9	2.5888	mg/L	0.03124	2.5888	mg/L	0.03124	1.21%
Zn 206.200	271375.8	2.6216	mg/L	0.02277	2.6216	mg/L	0.02277	0.87%
Na 330.237	36041.5	25.321	mg/L	0.2072	25.321	mg/L	0.2072	0.82%
Cd 226.502	59406.4	0.2631	mg/L	0.00321	0.2631	mg/L	0.00321	1.22%
Ti 334.940	332.1	0.0013	mg/L	0.00008	0.0013	mg/L	0.00008	5.85%
Ca 227.546	11001.1	25.400	mg/L	0.0190	25.400	mg/L	0.0190	0.07%

Sequence No.: 21

Autosampler Location: 4

Sample ID: CCB
Analyst:
Sample Wt:
Dilution:

Date Collected: 8/26/05 1:52:09 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:43 AM,

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	11.3	0.0000	mg/L	0.00020	0.0000	mg/L	0.00020	517.24%
Al 308.215	753.2	0.0245	mg/L	0.00377	0.0245	mg/L	0.00377	15.42%
As 188.979	-0.7	-0.0004	mg/L	0.00006	-0.0004	mg/L	0.00006	17.06%
Ba 233.527	87.1	0.0011	mg/L	0.00025	0.0011	mg/L	0.00025	22.68%
Be 313.107	154.0	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	54.35%
Co 228.616	10.0	0.0002	mg/L	0.00006	0.0002	mg/L	0.00006	28.61%
Cr 267.716	25.6	0.0001	mg/L	0.00009	0.0001	mg/L	0.00009	74.24%
Cu 324.752	581.9	0.0018	mg/L	0.00037	0.0018	mg/L	0.00037	20.87%
Fe 273.955	925.6	0.0440	mg/L	0.00370	0.0440	mg/L	0.00370	8.39%
Mg 279.077	71.3	0.0034	mg/L	0.00306	0.0034	mg/L	0.00306	91.38%
Mn 257.610	100.9	0.0009	mg/L	0.00012	0.0009	mg/L	0.00012	13.79%
Ni 231.604	16.1	0.0002	mg/L	0.00013	0.0002	mg/L	0.00013	61.60%
Pb 220.353	13.3	0.0011	mg/L	0.00052	0.0011	mg/L	0.00052	47.22%
Sb 206.836	8.9	0.0023	mg/L	0.00117	0.0023	mg/L	0.00117	51.21%
Se 196.026	-4.8	-0.0019	mg/L	0.00100	-0.0019	mg/L	0.00100	51.48%
Tl 190.801	5.0	0.0026	mg/L	0.00046	0.0026	mg/L	0.00046	17.79%
V 292.402	14.2	0.0001	mg/L	0.00004	0.0001	mg/L	0.00004	57.30%
Zn 206.200	431.6	0.0042	mg/L	0.00041	0.0042	mg/L	0.00041	9.74%
Na 330.237	-276.0	-0.1936	mg/L	0.04452	-0.1936	mg/L	0.04452	22.99%
Cd 226.502	6.6	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	123.35%
Ti 334.940	240.7	0.0004	mg/L	0.00006	0.0004	mg/L	0.00006	15.31%
Ca 227.546	11.6	0.0264	mg/L	0.00129	0.0264	mg/L	0.00129	4.90%

Sequence No.: 22
Sample ID: D0926-07BMS,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 127
Date Collected: 8/26/05 1:56:16 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:43 AM,

Mean Data: D0926-07BMS,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	10172.8	0.0710	mg/L	0.00034	0.0710	mg/L	0.00034	0.48%
Al 308.215	6160995.4	200.11	mg/L	0.751	200.11	mg/L	0.751	0.38%
As 188.979	252.9	0.1228	mg/L	0.00059	0.1228	mg/L	0.00059	0.48%
Ba 233.527	413010.5	5.3135	mg/L	0.00148	5.3135	mg/L	0.00148	0.03%
Be 313.107	358567.3	0.0642	mg/L	0.00023	0.0642	mg/L	0.00023	0.36%
Co 228.616	27070.0	0.5918	mg/L	0.00169	0.5918	mg/L	0.00169	0.29%
Cr 267.716	95521.4	0.4582	mg/L	0.00017	0.4582	mg/L	0.00017	0.04%
Cu 324.752	321958.4	1.0134	mg/L	0.00036	1.0134	mg/L	0.00036	0.04%
Fe 273.955	4535592.3	215.71	mg/L	0.638	215.71	mg/L	0.638	0.30%
Mg 279.077	648193.1	30.284	mg/L	0.0434	30.284	mg/L	0.0434	0.14%
Mn 257.610	185077.4	1.7369	mg/L	0.00298	1.7369	mg/L	0.00298	0.17%
Ni 231.604	56612.8	0.7740	mg/L	0.00060	0.7740	mg/L	0.00060	0.08%
Pb 220.353	27877.4	2.3477	mg/L	0.00015	2.3477	mg/L	0.00015	0.01%
Sb 206.836	513.9	0.0564	mg/L	0.00064	0.0564	mg/L	0.00064	1.14%
Se 196.026	-53.5	0.0563	mg/L	0.00023	0.0563	mg/L	0.00023	0.40%
Tl 190.801	104.6	0.0506	mg/L	0.00166	0.0506	mg/L	0.00166	3.29%
V 292.402	180446.2	0.8442	mg/L	0.00054	0.8442	mg/L	0.00054	0.06%
Zn 206.200	317115.4	3.0433	mg/L	0.00539	3.0433	mg/L	0.00539	0.18%
Na 330.237	13808.5	10.671	mg/L	0.0407	10.671	mg/L	0.0407	0.38%
Cd 226.502	16743.9	0.0636	mg/L	0.00021	0.0636	mg/L	0.00021	0.33%
Ti 334.940	799179.8	1.2126	mg/L	0.01091	1.2126	mg/L	0.01091	0.90%
Ca 227.546	17912.7	39.055	mg/L	0.0579	39.055	mg/L	0.0579	0.15%

Sequence No.: 23
Sample ID: D0926-07BSD,19669
Analyst:
Sample Wt:

Autosampler Location: 128
Date Collected: 8/26/05 2:00:28 PM

Sample Prep Volume:

Dilution: Data Type: Reprocessed on 8/29/05 8:53:44 AM,

Mean Data: D0926-07BSD,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-942.0	0.0043	mg/L	0.00008	0.0043	mg/L	0.00008	1.75%
Al 308.215	1123815.5	36.502	mg/L	0.0057	36.502	mg/L	0.0057	0.02%
As 188.979	31.9	0.0151	mg/L	0.00190	0.0151	mg/L	0.00190	12.53%
Ba 233.527	50034.1	0.6412	mg/L	0.00283	0.6412	mg/L	0.00283	0.44%
Be 313.107	9627.5	0.0020	mg/L	0.00003	0.0020	mg/L	0.00003	1.31%
Co 228.616	540.3	0.0105	mg/L	0.00012	0.0105	mg/L	0.00012	1.13%
Cr 267.716	9721.1	0.0465	mg/L	0.00054	0.0465	mg/L	0.00054	1.16%
Cu 324.752	48768.2	0.1561	mg/L	0.00011	0.1561	mg/L	0.00011	0.07%
Fe 273.955	896787.4	42.656	mg/L	0.0029	42.656	mg/L	0.0029	0.01%
Mg 279.077	127058.1	5.9362	mg/L	0.00388	5.9362	mg/L	0.00388	0.07%
Mn 257.610	36184.7	0.3398	mg/L	0.00032	0.3398	mg/L	0.00032	0.09%
Ni 231.604	3455.8	0.0455	mg/L	0.00011	0.0455	mg/L	0.00011	0.25%
Pb 220.353	5114.0	0.4309	mg/L	0.00079	0.4309	mg/L	0.00079	0.18%
Sb 206.836	68.3	0.0034	mg/L	0.00044	0.0034	mg/L	0.00044	12.80%
Se 196.026	-31.4	0.0023	mg/L	0.00059	0.0023	mg/L	0.00059	26.16%
Tl 190.801	0.6	0.0000	mg/L	0.00025	0.0000	mg/L	0.00025	513.22%
V 292.402	13399.6	0.0630	mg/L	0.00006	0.0630	mg/L	0.00006	0.09%
Zn 206.200	55540.0	0.5323	mg/L	0.00021	0.5323	mg/L	0.00021	0.04%
Na 330.237	2474.6	1.9264	mg/L	0.03644	1.9264	mg/L	0.03644	1.89%
Cd 226.502	1017.7	0.0024	mg/L	0.00005	0.0024	mg/L	0.00005	2.06%
Ti 334.940	153019.7	0.2322	mg/L	0.00180	0.2322	mg/L	0.00180	0.78%
Ca 227.546	3552.9	7.7548	mg/L	0.00328	7.7548	mg/L	0.00328	0.04%

Sequence No.: 24
Sample ID: D0926-07BPDS,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 129
Date Collected: 8/26/05 2:04:35 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:45 AM,

Mean Data: D0926-07BPDS,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	1897.1	0.0390	mg/L	0.00015	0.0390	mg/L	0.00015	0.37%
Al 308.215	5453454.3	177.13	mg/L	0.957	177.13	mg/L	0.957	0.54%
As 188.979	193.4	0.0922	mg/L	0.00034	0.0922	mg/L	0.00034	0.37%
Ba 233.527	265633.7	3.4093	mg/L	0.00196	3.4093	mg/L	0.00196	0.06%
Be 313.107	102543.9	0.0193	mg/L	0.00008	0.0193	mg/L	0.00008	0.40%
Co 228.616	7121.2	0.1510	mg/L	0.00033	0.1510	mg/L	0.00033	0.22%
Cr 267.716	49924.4	0.2389	mg/L	0.00062	0.2389	mg/L	0.00062	0.26%
Cu 324.752	240541.9	0.7643	mg/L	0.00023	0.7643	mg/L	0.00023	0.03%
Fe 273.955	4034739.1	191.91	mg/L	0.990	191.91	mg/L	0.990	0.52%
Mg 279.077	799644.4	37.323	mg/L	0.1501	37.323	mg/L	0.1501	0.40%
Mn 257.610	171052.9	1.6006	mg/L	0.00016	1.6006	mg/L	0.00016	0.01%
Ni 231.604	21983.3	0.2942	mg/L	0.00054	0.2942	mg/L	0.00054	0.18%
Pb 220.353	23702.0	1.9984	mg/L	0.00315	1.9984	mg/L	0.00315	0.16%
Sb 206.836	749.7	0.1264	mg/L	0.00015	0.1264	mg/L	0.00015	0.12%
Se 196.026	34.7	0.0841	mg/L	0.00128	0.0841	mg/L	0.00128	1.52%
Tl 190.801	97.6	0.0482	mg/L	0.00148	0.0482	mg/L	0.00148	3.07%
V 292.402	85498.2	0.4010	mg/L	0.00103	0.4010	mg/L	0.00103	0.26%
Zn 206.200	258924.0	2.4825	mg/L	0.00074	2.4825	mg/L	0.00074	0.03%
Na 330.237	23215.0	17.176	mg/L	0.0496	17.176	mg/L	0.0496	0.29%
Cd 226.502	7172.8	0.0223	mg/L	0.00000	0.0223	mg/L	0.00000	0.02%
Ti 334.940	726312.3	1.1025	mg/L	0.01020	1.1025	mg/L	0.01020	0.93%
Ca 227.546	21280.4	47.249	mg/L	0.1442	47.249	mg/L	0.1442	0.31%

Sequence No.: 25
Sample ID: D0926-08B,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 130
Date Collected: 8/26/05 2:08:47 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:46 AM,

Mean Data: D0926-08B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-5346.1	-0.0740	mg/L	0.00125	-0.0740	mg/L	0.00125	1.69%
Al 308.215	1147668.5	37.198	mg/L	0.4700	37.198	mg/L	0.4700	1.26%
As 188.979	79.8	0.0471	mg/L	0.00094	0.0471	mg/L	0.00094	1.99%
Ba 233.527	569549.6	7.3392	mg/L	0.08729	7.3392	mg/L	0.08729	1.19%
Be 313.107	7386.9	0.0018	mg/L	0.00005	0.0018	mg/L	0.00005	2.67%
Co 228.616	1509.1	0.0276	mg/L	0.00007	0.0276	mg/L	0.00007	0.25%
Cr 267.716	12473.4	0.0478	mg/L	0.00054	0.0478	mg/L	0.00054	1.13%
Cu 324.752	82103.2	0.2874	mg/L	0.00479	0.2874	mg/L	0.00479	1.67%
Fe 273.955	4314972.6	205.26	mg/L	2.264	205.26	mg/L	2.264	1.10%
Mg 279.077	313504.7	15.060	mg/L	0.1858	15.060	mg/L	0.1858	1.23%
Mn 257.610	2558317.8	22.370	mg/L	0.2180	22.370	mg/L	0.2180	0.97%
Ni 231.604	6290.4	0.0767	mg/L	0.00008	0.0767	mg/L	0.00008	0.10%
Pb 220.353	2646.7	0.2555	mg/L	0.00131	0.2555	mg/L	0.00131	0.51%
Sb 206.836	159.3	0.0090	mg/L	0.00073	0.0090	mg/L	0.00073	8.12%
Se 196.026	-153.9	-0.0098	mg/L	0.00151	-0.0098	mg/L	0.00151	15.32%
Tl 190.801	-87.4	-0.0100	mg/L	0.00097	-0.0100	mg/L	0.00097	9.68%
V 292.402	23995.7	0.1156	mg/L	0.00191	0.1156	mg/L	0.00191	1.65%
Zn 206.200	146384.5	1.3827	mg/L	0.02409	1.3827	mg/L	0.02409	1.74%
Na 330.237	6153.6	4.5377	mg/L	0.13701	4.5377	mg/L	0.13701	3.02%
Cd 226.502	4108.0	0.0075	mg/L	0.00001	0.0075	mg/L	0.00001	0.10%
Ti 334.940	276010.6	0.4393	mg/L	0.00894	0.4393	mg/L	0.00894	2.04%
Ca 227.546	246971.9	573.82	mg/L	9.607	573.82	mg/L	9.607	1.67%

Sequence No.: 26
Sample ID: D0926-09B,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 131
Date Collected: 8/26/05 2:13:01 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:46 AM,

Mean Data: D0926-09B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-5024.4	0.0096	mg/L	0.00015	0.0096	mg/L	0.00015	1.59%
Al 308.215	3320461.8	107.84	mg/L	0.062	107.84	mg/L	0.062	0.06%
As 188.979	83.0	0.0415	mg/L	0.00068	0.0415	mg/L	0.00068	1.65%
Ba 233.527	182770.2	2.3388	mg/L	0.00180	2.3388	mg/L	0.00180	0.08%
Be 313.107	25825.7	0.0053	mg/L	0.00001	0.0053	mg/L	0.00001	0.15%
Co 228.616	3213.4	0.0657	mg/L	0.00041	0.0657	mg/L	0.00041	0.62%
Cr 267.716	32771.9	0.1545	mg/L	0.00003	0.1545	mg/L	0.00003	0.02%
Cu 324.752	56344.0	0.2121	mg/L	0.00021	0.2121	mg/L	0.00021	0.10%
Fe 273.955	3786327.9	180.10	mg/L	0.149	180.10	mg/L	0.149	0.08%
Mg 279.077	770770.8	36.041	mg/L	0.0448	36.041	mg/L	0.0448	0.12%
Mn 257.610	630396.1	5.5884	mg/L	0.00276	5.5884	mg/L	0.00276	0.05%
Ni 231.604	12362.8	0.1620	mg/L	0.00083	0.1620	mg/L	0.00083	0.51%
Pb 220.353	2097.5	0.2137	mg/L	0.00156	0.2137	mg/L	0.00156	0.73%
Sb 206.836	218.2	0.0076	mg/L	0.00175	0.0076	mg/L	0.00175	22.94%
Se 196.026	-157.9	-0.0086	mg/L	0.00308	-0.0086	mg/L	0.00308	35.68%
Tl 190.801	-20.9	-0.0055	mg/L	0.00198	-0.0055	mg/L	0.00198	35.86%
V 292.402	37326.7	0.1766	mg/L	0.00042	0.1766	mg/L	0.00042	0.24%
Zn 206.200	73587.5	0.6909	mg/L	0.00072	0.6909	mg/L	0.00072	0.10%
Na 330.237	2848.3	2.5687	mg/L	0.19568	2.5687	mg/L	0.19568	7.62%
Cd 226.502	3147.3	0.0049	mg/L	0.00005	0.0049	mg/L	0.00005	1.07%
Ti 334.940	382623.7	0.5812	mg/L	0.00455	0.5812	mg/L	0.00455	0.78%
Ca 227.546	15662.8	34.260	mg/L	0.2626	34.260	mg/L	0.2626	0.77%

Sequence No.: 27
Sample ID: D0926-10B,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 132
Date Collected: 8/26/05 2:17:11 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:47 AM,

Mean Data: D0926-10B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD

Ag 328.068	-11086.5	0.0079 mg/L	0.00001	0.0079 mg/L	0.00001	0.09%
Al 308.215	3545597.5	114.98 mg/L	0.197	114.98 mg/L	0.197	0.17%
As 188.979	227.0	0.1233 mg/L	0.00188	0.1233 mg/L	0.00188	1.52%
Ba 233.527	944058.6	12.163 mg/L	0.0223	12.163 mg/L	0.0223	0.18%
Be 313.107	52585.3	0.0100 mg/L	0.00000	0.0100 mg/L	0.00000	0.01%
Co 228.616	11672.2	0.2474 mg/L	0.00048	0.2474 mg/L	0.00048	0.20%
Cr 267.716	40676.1	0.1678 mg/L	0.00076	0.1678 mg/L	0.00076	0.45%
Cu 324.752	38356.0	0.1903 mg/L	0.00041	0.1903 mg/L	0.00041	0.22%
Fe 273.955	8315592.5	395.55 mg/L	1.028	395.55 mg/L	1.028	0.26%
Mg 279.077	627957.9	30.281 mg/L	0.0132	30.281 mg/L	0.0132	0.04%
Mn 257.610	5914983.9	51.683 mg/L	0.1409	51.683 mg/L	0.1409	0.27%
Ni 231.604	23792.1	0.3103 mg/L	0.00118	0.3103 mg/L	0.00118	0.38%
Pb 220.353	3261.7	0.3317 mg/L	0.00041	0.3317 mg/L	0.00041	0.12%
Sb 206.836	352.3	0.0149 mg/L	0.00043	0.0149 mg/L	0.00043	2.91%
Se 196.026	-258.7	-0.0242 mg/L	0.00039	-0.0242 mg/L	0.00039	1.61%
Tl 190.801	-188.7	-0.0299 mg/L	0.00327	-0.0299 mg/L	0.00327	10.95%
V 292.402	75982.6	0.3623 mg/L	0.00014	0.3623 mg/L	0.00014	0.04%
Zn 206.200	115831.0	1.0668 mg/L	0.00117	1.0668 mg/L	0.00117	0.11%
Na 330.237	3442.2	3.3666 mg/L	0.04128	3.3666 mg/L	0.04128	1.23%
Cd 226.502	10704.5	0.0271 mg/L	0.00007	0.0271 mg/L	0.00007	0.26%
Ti 334.940	433878.4	0.6586 mg/L	0.00212	0.6586 mg/L	0.00212	0.32%
Ca 227.546	13364.4	25.897 mg/L	0.0011	25.897 mg/L	0.0011	0.00%

Sequence No.: 28
Sample ID: D0926-11B,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 133
Date Collected: 8/26/05 2:29:43 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:48 AM,

Mean Data: D0926-11B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-1168.4	0.0098	mg/L	0.00025	0.0098	mg/L	0.00025	2.56%
Al 308.215	2517862.2	81.781	mg/L	0.9623	81.781	mg/L	0.9623	1.18%
As 188.979	36.5	0.0145	mg/L	0.00049	0.0145	mg/L	0.00049	3.41%
Ba 233.527	105717.2	1.3573	mg/L	0.01139	1.3573	mg/L	0.01139	0.84%
Be 313.107	15605.3	0.0034	mg/L	0.00002	0.0034	mg/L	0.00002	0.72%
Co 228.616	1648.6	0.0338	mg/L	0.00011	0.0338	mg/L	0.00011	0.34%
Cr 267.716	23438.7	0.1120	mg/L	0.00092	0.1120	mg/L	0.00092	0.82%
Cu 324.752	119789.9	0.3737	mg/L	0.00443	0.3737	mg/L	0.00443	1.18%
Fe 273.955	1521550.7	72.372	mg/L	0.7491	72.372	mg/L	0.7491	1.04%
Mg 279.077	481078.0	22.441	mg/L	0.2430	22.441	mg/L	0.2430	1.08%
Mn 257.610	113693.0	1.0317	mg/L	0.01177	1.0317	mg/L	0.01177	1.14%
Ni 231.604	11014.1	0.1486	mg/L	0.00027	0.1486	mg/L	0.00027	0.18%
Pb 220.353	2562.4	0.2349	mg/L	0.00006	0.2349	mg/L	0.00006	0.03%
Sb 206.836	141.1	0.0072	mg/L	0.00058	0.0072	mg/L	0.00058	8.00%
Se 196.026	-71.9	-0.0016	mg/L	0.00004	-0.0016	mg/L	0.00004	2.54%
Tl 190.801	-3.0	-0.0019	mg/L	0.00343	-0.0019	mg/L	0.00343	177.00%
V 292.402	28434.0	0.1335	mg/L	0.00125	0.1335	mg/L	0.00125	0.94%
Zn 206.200	174884.3	1.6824	mg/L	0.01408	1.6824	mg/L	0.01408	0.84%
Na 330.237	5259.5	4.0924	mg/L	0.04624	4.0924	mg/L	0.04624	1.13%
Cd 226.502	3085.0	0.0102	mg/L	0.00004	0.0102	mg/L	0.00004	0.35%
Ti 334.940	361662.9	0.5490	mg/L	0.00193	0.5490	mg/L	0.00193	0.35%
Ca 227.546	11313.3	25.497	mg/L	0.0510	25.497	mg/L	0.0510	0.20%

Sequence No.: 29
Sample ID: CRI
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 8/26/05 2:35:58 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:49 AM,

Mean Data: CRI

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	3132.6	0.0095	mg/L	0.00003	0.0095	mg/L	0.00003	0.35%
Al 308.215	7294.2	0.2361	mg/L	0.00520	0.2361	mg/L	0.00520	2.20%
As 188.979	18.9	0.0097	mg/L	0.00002	0.0097	mg/L	0.00002	0.18%

Ba 233.527	17635.3	0.2282 mg/L	0.00315	0.2282 mg/L	0.00315	1.38%
Be 313.107	30050.0	0.0052 mg/L	0.00008	0.0052 mg/L	0.00008	1.50%
Co 228.616	2480.5	0.0549 mg/L	0.00011	0.0549 mg/L	0.00011	0.19%
Cr 267.716	2304.7	0.0111 mg/L	0.00038	0.0111 mg/L	0.00038	3.42%
Cu 324.752	8078.8	0.0241 mg/L	0.00013	0.0241 mg/L	0.00013	0.53%
Fe 273.955	3077.8	0.1433 mg/L	0.00368	0.1433 mg/L	0.00368	2.57%
Mg 279.077	117028.0	5.4483 mg/L	0.05537	5.4483 mg/L	0.05537	1.02%
Mn 257.610	2138.9	0.0186 mg/L	0.00015	0.0186 mg/L	0.00015	0.80%
Ni 231.604	3167.2	0.0440 mg/L	0.00002	0.0440 mg/L	0.00002	0.05%
Pb 220.353	119.6	0.0100 mg/L	0.00021	0.0100 mg/L	0.00021	2.07%
Sb 206.836	205.1	0.0529 mg/L	0.00278	0.0529 mg/L	0.00278	5.26%
Se 196.026	83.9	0.0346 mg/L	0.00044	0.0346 mg/L	0.00044	1.26%
Tl 190.801	52.2	0.0268 mg/L	0.00249	0.0268 mg/L	0.00249	9.32%
V 292.402	11430.8	0.0533 mg/L	0.00089	0.0533 mg/L	0.00089	1.66%
Zn 206.200	7066.0	0.0680 mg/L	0.00011	0.0680 mg/L	0.00011	0.16%
Na 330.237	5412.3	3.7993 mg/L	0.16143	3.7993 mg/L	0.16143	4.25%
Cd 226.502	1226.6	0.0054 mg/L	0.00002	0.0054 mg/L	0.00002	0.32%
Ti 334.940	129.0	0.0004 mg/L	0.00001	0.0004 mg/L	0.00001	3.59%
Ca 227.546	2131.1	4.9693 mg/L	0.07546	4.9693 mg/L	0.07546	1.52%

Sequence No.: 30
Sample ID: ICSA
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/26/05 2:40:07 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:49 AM,

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-4722.8	0.0100	mg/L	0.00235	0.0100	mg/L	0.00235	23.55%
Al 308.215	14687493.9	477.11	mg/L	2.204	477.11	mg/L	2.204	0.46%
As 188.979	72.9	-0.0086	mg/L	0.00127	-0.0086	mg/L	0.00127	14.66%
Ba 233.527	2039.5	-0.0058	mg/L	0.00007	-0.0058	mg/L	0.00007	1.13%
Be 313.107	-262.3	-0.0001	mg/L	0.00002	-0.0001	mg/L	0.00002	34.45%
Co 228.616	132.7	-0.0013	mg/L	0.00022	-0.0013	mg/L	0.00022	17.22%
Cr 267.716	733.2	0.0036	mg/L	0.00017	0.0036	mg/L	0.00017	4.67%
Cu 324.752	-5666.7	-0.0010	mg/L	0.00019	-0.0010	mg/L	0.00019	19.18%
Fe 273.955	3574648.5	170.05	mg/L	0.650	170.05	mg/L	0.650	0.38%
Mg 279.077	9661511.5	449.81	mg/L	2.144	449.81	mg/L	2.144	0.48%
Mn 257.610	-11383.6	0.0033	mg/L	0.00131	0.0033	mg/L	0.00131	39.15%
Ni 231.604	306.8	-0.0040	mg/L	0.00003	-0.0040	mg/L	0.00003	0.68%
Pb 220.353	-1529.4	-0.0034	mg/L	0.00282	-0.0034	mg/L	0.00282	83.02%
Sb 206.836	541.5	0.0005	mg/L	0.00176	0.0005	mg/L	0.00176	325.67%
Se 196.026	-261.4	0.0014	mg/L	0.00404	0.0014	mg/L	0.00404	294.36%
Tl 190.801	10.9	0.0001	mg/L	0.00004	0.0001	mg/L	0.00004	31.85%
V 292.402	-927.2	-0.0011	mg/L	0.00021	-0.0011	mg/L	0.00021	19.00%
Zn 206.200	2939.5	0.0101	mg/L	0.00015	0.0101	mg/L	0.00015	1.44%
Na 330.237	490.7	0.1599	mg/L	0.08275	0.1599	mg/L	0.08275	51.74%
Cd 226.502	2500.1	0.0038	mg/L	0.00019	0.0038	mg/L	0.00019	4.83%
Ti 334.940	-12866.7	-0.0016	mg/L	0.00005	-0.0016	mg/L	0.00005	3.19%
Ca 227.546	210006.3	488.32	mg/L	12.281	488.32	mg/L	12.281	2.51%

Sequence No.: 31
Sample ID: ICSAB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 8/26/05 2:44:22 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:50 AM,

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	58106.9	0.2089	mg/L	0.00097	0.2089	mg/L	0.00097	0.47%
Al 308.215	15389442.2	499.91	mg/L	1.996	499.91	mg/L	1.996	0.40%
As 188.979	263.7	0.0895	mg/L	0.00273	0.0895	mg/L	0.00273	3.05%
Ba 233.527	43497.6	0.5291	mg/L	0.00449	0.5291	mg/L	0.00449	0.85%
Be 313.107	2804408.5	0.4895	mg/L	0.00103	0.4895	mg/L	0.00103	0.21%
Co 228.616	21390.9	0.4690	mg/L	0.00254	0.4690	mg/L	0.00254	0.54%

Cr 267.716	101832.8	0.4897 mg/L	0.00306	0.4897 mg/L	0.00306	0.62%
Cu 324.752	160287.3	0.4953 mg/L	0.00643	0.4953 mg/L	0.00643	1.30%
Fe 273.955	3734847.3	177.64 mg/L	0.583	177.64 mg/L	0.583	0.33%
Mg 279.077	10099195.5	470.20 mg/L	1.737	470.20 mg/L	1.737	0.37%
Mn 257.610	44769.6	0.4967 mg/L	0.00203	0.4967 mg/L	0.00203	0.41%
Ni 231.604	67284.2	0.9263 mg/L	0.00555	0.9263 mg/L	0.00555	0.60%
Pb 220.353	-982.6	0.0479 mg/L	0.00281	0.0479 mg/L	0.00281	5.86%
Sb 206.836	2781.1	0.5704 mg/L	0.00269	0.5704 mg/L	0.00269	0.47%
Se 196.026	-159.3	0.0480 mg/L	0.00288	0.0480 mg/L	0.00288	6.00%
Tl 190.801	196.0	0.0946 mg/L	0.00210	0.0946 mg/L	0.00210	2.22%
V 292.402	104932.9	0.4934 mg/L	0.00438	0.4934 mg/L	0.00438	0.89%
Zn 206.200	96558.1	0.9145 mg/L	0.00990	0.9145 mg/L	0.00990	1.08%
Na 330.237	3436.9	2.2254 mg/L	0.20790	2.2254 mg/L	0.20790	9.34%
Cd 226.502	211425.8	0.9276 mg/L	0.00822	0.9276 mg/L	0.00822	0.89%
Ti 334.940	-12647.3	-0.0005 mg/L	0.00009	-0.0005 mg/L	0.00009	18.84%
Ca 227.546	220546.3	512.78 mg/L	4.425	512.78 mg/L	4.425	0.86%

Sequence No.: 32
Sample ID: CCV
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/26/05 2:48:40 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:51 AM,

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	373319.6	1.1764	mg/L	0.02115	1.1764	mg/L	0.02115	1.80%
Al 308.215	312672.0	10.109	mg/L	0.1715	10.109	mg/L	0.1715	1.70%
As 188.979	1001.5	0.5177	mg/L	0.00115	0.5177	mg/L	0.00115	0.22%
Ba 233.527	822411.3	10.645	mg/L	0.0776	10.645	mg/L	0.0776	0.73%
Be 313.107	1485695.2	0.2593	mg/L	0.00118	0.2593	mg/L	0.00118	0.46%
Co 228.616	117919.4	2.6101	mg/L	0.03995	2.6101	mg/L	0.03995	1.53%
Cr 267.716	216417.0	1.0398	mg/L	0.01625	1.0398	mg/L	0.01625	1.56%
Cu 324.752	424840.4	1.2691	mg/L	0.02218	1.2691	mg/L	0.02218	1.75%
Fe 273.955	111322.4	5.1446	mg/L	0.08555	5.1446	mg/L	0.08555	1.66%
Mg 279.077	552087.6	25.752	mg/L	0.3568	25.752	mg/L	0.3568	1.39%
Mn 257.610	295917.9	2.5779	mg/L	0.04041	2.5779	mg/L	0.04041	1.57%
Ni 231.604	186161.3	2.5861	mg/L	0.03813	2.5861	mg/L	0.03813	1.47%
Pb 220.353	6301.3	0.5208	mg/L	0.00062	0.5208	mg/L	0.00062	0.12%
Sb 206.836	1962.5	0.5012	mg/L	0.00256	0.5012	mg/L	0.00256	0.51%
Se 196.026	1247.7	0.5134	mg/L	0.00337	0.5134	mg/L	0.00337	0.66%
Tl 190.801	1016.4	0.5201	mg/L	0.00213	0.5201	mg/L	0.00213	0.41%
V 292.402	550019.2	2.5662	mg/L	0.01602	2.5662	mg/L	0.01602	0.62%
Zn 206.200	269953.5	2.6079	mg/L	0.02910	2.6079	mg/L	0.02910	1.12%
Na 330.237	35673.8	25.062	mg/L	0.3476	25.062	mg/L	0.3476	1.39%
Cd 226.502	59091.8	0.2617	mg/L	0.00335	0.2617	mg/L	0.00335	1.28%
Ti 334.940	-25.0	0.0008	mg/L	0.00005	0.0008	mg/L	0.00005	6.30%
Ca 227.546	11002.2	25.404	mg/L	0.0103	25.404	mg/L	0.0103	0.04%

Sequence No.: 33
Sample ID: CCB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/26/05 2:52:52 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:52 AM,

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-1.5	0.0000	mg/L	0.00015	0.0000	mg/L	0.00015	>999.9%
Al 308.215	1212.8	0.0394	mg/L	0.00486	0.0394	mg/L	0.00486	12.33%
As 188.979	0.9	0.0005	mg/L	0.00114	0.0005	mg/L	0.00114	236.56%
Ba 233.527	88.7	0.0011	mg/L	0.00018	0.0011	mg/L	0.00018	15.40%
Be 313.107	275.7	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	29.57%
Co 228.616	10.6	0.0002	mg/L	0.00001	0.0002	mg/L	0.00001	5.77%
Cr 267.716	112.5	0.0005	mg/L	0.00005	0.0005	mg/L	0.00005	8.87%
Cu 324.752	861.6	0.0026	mg/L	0.00058	0.0026	mg/L	0.00058	22.38%
Fe 273.955	511.7	0.0243	mg/L	0.00177	0.0243	mg/L	0.00177	7.29%

Mg 279.077	426.1	0.0199 mg/L	0.00453	0.0199 mg/L	0.00453	22.84%
Mn 257.610	100.8	0.0009 mg/L	0.00012	0.0009 mg/L	0.00012	13.48%
Ni 231.604	14.1	0.0002 mg/L	0.00009	0.0002 mg/L	0.00009	49.11%
Pb 220.353	-1.5	-0.0001 mg/L	0.00045	-0.0001 mg/L	0.00045	417.37%
Sb 206.836	6.5	0.0017 mg/L	0.00068	0.0017 mg/L	0.00068	40.75%
Se 196.026	-4.0	-0.0016 mg/L	0.00273	-0.0016 mg/L	0.00273	169.41%
Tl 190.801	2.6	0.0013 mg/L	0.00087	0.0013 mg/L	0.00087	65.96%
V 292.402	26.7	0.0001 mg/L	0.00003	0.0001 mg/L	0.00003	21.68%
Zn 206.200	407.8	0.0039 mg/L	0.00036	0.0039 mg/L	0.00036	9.27%
Na 330.237	-213.7	-0.1501 mg/L	0.04491	-0.1501 mg/L	0.04491	29.92%
Cd 226.502	9.6	0.0000 mg/L	0.00003	0.0000 mg/L	0.00003	64.61%
Ti 334.940	11.8	0.0000 mg/L	0.00000	0.0000 mg/L	0.00000	15.73%
Ca 227.546	26.0	0.0604 mg/L	0.00585	0.0604 mg/L	0.00585	9.68%

Sequence No.: 34
Sample ID: D0926-12B,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 134
Date Collected: 8/26/05 2:56:59 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:52 AM,

Mean Data: D0926-12B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-2924.3	0.0105	mg/L	0.00030	0.0105	mg/L	0.00030	2.88%
Al 308.215	2577626.1	83.721	mg/L	0.0453	83.721	mg/L	0.0453	0.05%
As 188.979	47.7	0.0229	mg/L	0.00041	0.0229	mg/L	0.00041	1.80%
Ba 233.527	93245.3	1.1886	mg/L	0.00381	1.1886	mg/L	0.00381	0.32%
Be 313.107	17441.0	0.0040	mg/L	0.00001	0.0040	mg/L	0.00001	0.19%
Co 228.616	1951.3	0.0390	mg/L	0.00027	0.0390	mg/L	0.00027	0.69%
Cr 267.716	27418.9	0.1311	mg/L	0.00020	0.1311	mg/L	0.00020	0.15%
Cu 324.752	127787.8	0.4127	mg/L	0.00064	0.4127	mg/L	0.00064	0.16%
Fe 273.955	2557192.2	121.64	mg/L	0.207	121.64	mg/L	0.207	0.17%
Mg 279.077	674467.5	31.460	mg/L	0.0365	31.460	mg/L	0.0365	0.12%
Mn 257.610	112799.5	1.0519	mg/L	0.00071	1.0519	mg/L	0.00071	0.07%
Ni 231.604	11876.8	0.1579	mg/L	0.00006	0.1579	mg/L	0.00006	0.04%
Pb 220.353	14421.3	1.2114	mg/L	0.00114	1.2114	mg/L	0.00114	0.09%
Sb 206.836	179.9	0.0107	mg/L	0.00031	0.0107	mg/L	0.00031	2.93%
Se 196.026	-112.2	-0.0051	mg/L	0.00026	-0.0051	mg/L	0.00026	5.14%
Tl 190.801	-5.3	-0.0034	mg/L	0.00066	-0.0034	mg/L	0.00066	19.54%
V 292.402	31679.8	0.1492	mg/L	0.00019	0.1492	mg/L	0.00019	0.13%
Zn 206.200	167357.7	1.6034	mg/L	0.00307	1.6034	mg/L	0.00307	0.19%
Na 330.237	5136.5	4.1748	mg/L	0.10999	4.1748	mg/L	0.10999	2.63%
Cd 226.502	3332.2	0.0087	mg/L	0.00001	0.0087	mg/L	0.00001	0.11%
Ti 334.940	460843.4	0.6991	mg/L	0.01025	0.6991	mg/L	0.01025	1.47%
Ca 227.546	8354.0	17.955	mg/L	0.0471	17.955	mg/L	0.0471	0.26%

Sequence No.: 35
Sample ID: D0926-13B,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 135
Date Collected: 8/26/05 3:01:03 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:53 AM,

Mean Data: D0926-13B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-13414.4	-0.0280	mg/L	0.00106	-0.0280	mg/L	0.00106	3.78%
Al 308.215	569263.3	18.451	mg/L	0.0349	18.451	mg/L	0.0349	0.19%
As 188.979	145.6	0.0987	mg/L	0.00122	0.0987	mg/L	0.00122	1.24%
Ba 233.527	301670.3	3.8367	mg/L	0.00870	3.8367	mg/L	0.00870	0.23%
Be 313.107	3393.3	0.0009	mg/L	0.00001	0.0009	mg/L	0.00001	1.29%
Co 228.616	932.0	0.0088	mg/L	0.00022	0.0088	mg/L	0.00022	2.49%
Cr 267.716	8468.8	0.0346	mg/L	0.00002	0.0346	mg/L	0.00002	0.07%
Cu 324.752	88258.3	0.3952	mg/L	0.00192	0.3952	mg/L	0.00192	0.49%
Fe 273.955	9604531.7	456.88	mg/L	5.887	456.88	mg/L	5.887	1.29%
Mg 279.077	172226.2	8.3657	mg/L	0.00207	8.3657	mg/L	0.00207	0.02%
Mn 257.610	1282128.1	11.413	mg/L	0.0121	11.413	mg/L	0.0121	0.11%
Ni 231.604	5495.6	0.0538	mg/L	0.00004	0.0538	mg/L	0.00004	0.08%

Pb 220.353	2155.1	0.2332 mg/L	0.00163	0.2332 mg/L	0.00163	0.70%
Sb 206.836	293.5	0.0173 mg/L	0.00273	0.0173 mg/L	0.00273	15.80%
Se 196.026	-408.5	-0.0495 mg/L	0.00072	-0.0495 mg/L	0.00072	1.46%
Tl 190.801	-72.4	-0.0204 mg/L	0.00011	-0.0204 mg/L	0.00011	0.56%
V 292.402	9329.6	0.0493 mg/L	0.00035	0.0493 mg/L	0.00035	0.70%
Zn 206.200	220167.5	2.0672 mg/L	0.00313	2.0672 mg/L	0.00313	0.15%
Na 330.237	7551.9	6.0067 mg/L	0.12944	6.0067 mg/L	0.12944	2.15%
Cd 226.502	10469.8	0.0224 mg/L	0.00022	0.0224 mg/L	0.00022	0.98%
Ti 334.940	139572.7	0.2195 mg/L	0.00107	0.2195 mg/L	0.00107	0.49%
Ca 227.546	93760.7	212.97 mg/L	0.212	212.97 mg/L	0.212	0.10%

Sequence No.: 36
Sample ID: D0926-14B,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 136
Date Collected: 8/26/05 3:05:13 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:54 AM,

Mean Data: D0926-14B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-33319.6	-0.0420	mg/L	0.00037	-0.0420	mg/L	0.00037	0.88%
Al 308.215	9284.5	0.2961	mg/L	0.00082	0.2961	mg/L	0.00082	0.28%
As 188.979	-62.4	0.0235	mg/L	0.00060	0.0235	mg/L	0.00060	2.57%
Ba 233.527	1070671.2	13.721	mg/L	0.0363	13.721	mg/L	0.0363	0.26%
Be 313.107	-211.0	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	17.09%
Co 228.616	364.6	-0.0156	mg/L	0.00044	-0.0156	mg/L	0.00044	2.79%
Cr 267.716	3068.7	0.0139	mg/L	0.00005	0.0139	mg/L	0.00005	0.36%
Cu 324.752	-21114.0	0.2283	mg/L	0.00129	0.2283	mg/L	0.00129	0.57%
Fe 273.955	19853497.4	944.43	mg/L	4.804	944.43	mg/L	4.804	0.51%
Mg 279.077	35653.1	1.9952	mg/L	0.00299	1.9952	mg/L	0.00299	0.15%
Mn 257.610	184625.4	2.1427	mg/L	0.01058	2.1427	mg/L	0.01058	0.49%
Ni 231.604	3388.6	0.0011	mg/L	0.00022	0.0011	mg/L	0.00022	20.46%
Pb 220.353	1002.9	0.1881	mg/L	0.00164	0.1881	mg/L	0.00164	0.87%
Sb 206.836	569.6	0.0351	mg/L	0.00322	0.0351	mg/L	0.00322	9.17%
Se 196.026	-1005.9	-0.1630	mg/L	0.01477	-0.1630	mg/L	0.01477	9.06%
Tl 190.801	-80.0	-0.0370	mg/L	0.01032	-0.0370	mg/L	0.01032	27.90%
V 292.402	-1819.6	0.0019	mg/L	0.00027	0.0019	mg/L	0.00027	14.14%
Zn 206.200	252011.9	2.3150	mg/L	0.00665	2.3150	mg/L	0.00665	0.29%
Na 330.237	7353.1	6.5220	mg/L	0.03156	6.5220	mg/L	0.03156	0.48%
Cd 226.502	20146.5	0.0395	mg/L	0.00050	0.0395	mg/L	0.00050	1.27%
Ti 334.940	883.1	0.0081	mg/L	0.00008	0.0081	mg/L	0.00008	0.97%
Ca 227.546	79831.9	174.24	mg/L	0.892	174.24	mg/L	0.892	0.51%

Sequence No.: 37
Sample ID: D0926-15B,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 137
Date Collected: 8/26/05 3:07:49 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:55 AM,

Mean Data: D0926-15B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-6785.4	0.0222	mg/L	0.00051	0.0222	mg/L	0.00051	2.29%
Al 308.215	5713703.2	185.58	mg/L	0.274	185.58	mg/L	0.274	0.15%
As 188.979	132.0	0.0629	mg/L	0.00112	0.0629	mg/L	0.00112	1.78%
Ba 233.527	130593.6	1.6534	mg/L	0.01184	1.6534	mg/L	0.01184	0.72%
Be 313.107	37171.8	0.0078	mg/L	0.00007	0.0078	mg/L	0.00007	0.83%
Co 228.616	4650.8	0.0951	mg/L	0.00003	0.0951	mg/L	0.00003	0.03%
Cr 267.716	69314.3	0.3309	mg/L	0.00089	0.3309	mg/L	0.00089	0.27%
Cu 324.752	63819.2	0.2493	mg/L	0.00099	0.2493	mg/L	0.00099	0.40%
Fe 273.955	5125171.9	243.79	mg/L	0.152	243.79	mg/L	0.152	0.06%
Mg 279.077	1346934.9	62.866	mg/L	0.0149	62.866	mg/L	0.0149	0.02%
Mn 257.610	492108.8	4.4232	mg/L	0.00689	4.4232	mg/L	0.00689	0.16%
Ni 231.604	20826.4	0.2757	mg/L	0.00153	0.2757	mg/L	0.00153	0.56%
Pb 220.353	2876.3	0.3002	mg/L	0.00021	0.3002	mg/L	0.00021	0.07%
Sb 206.836	333.4	0.0097	mg/L	0.00112	0.0097	mg/L	0.00112	11.57%
Se 196.026	-239.7	-0.0163	mg/L	0.00142	-0.0163	mg/L	0.00142	8.74%

Tl 190.801	-9.8	-0.0035 mg/L	0.00166	-0.0035 mg/L	0.00166	47.05%
V 292.402	66764.1	0.3147 mg/L	0.00161	0.3147 mg/L	0.00161	0.51%
Zn 206.200	84794.5	0.7940 mg/L	0.00412	0.7940 mg/L	0.00412	0.52%
Na 330.237	2221.9	2.4784 mg/L	0.23691	2.4784 mg/L	0.23691	9.56%
Cd 226.502	4292.3	0.0069 mg/L	0.00028	0.0069 mg/L	0.00028	4.08%
Ti 334.940	681525.2	1.0336 mg/L	0.00287	1.0336 mg/L	0.00287	0.28%
Ca 227.546	9883.4	19.980 mg/L	0.1192	19.980 mg/L	0.1192	0.60%

Sequence No.: 38 **Autosampler Location: 138**
Sample ID: D0926-16B,19669 **Date Collected: 8/26/05 3:11:59 PM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Reprocessed on 8/29/05 8:53:55 AM,**

Mean Data: D0926-16B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-6663.7	0.0221	mg/L	0.00022	0.0221	mg/L	0.00022	0.97%
Al 308.215	5694263.5	184.94	mg/L	1.177	184.94	mg/L	1.177	0.64%
As 188.979	139.2	0.0658	mg/L	0.00090	0.0658	mg/L	0.00090	1.37%
Ba 233.527	125986.7	1.5946	mg/L	0.00124	1.5946	mg/L	0.00124	0.08%
Be 313.107	37760.4	0.0078	mg/L	0.00002	0.0078	mg/L	0.00002	0.28%
Co 228.616	4644.6	0.0953	mg/L	0.00018	0.0953	mg/L	0.00018	0.19%
Cr 267.716	57669.9	0.2738	mg/L	0.00028	0.2738	mg/L	0.00028	0.10%
Cu 324.752	64671.2	0.2488	mg/L	0.00012	0.2488	mg/L	0.00012	0.05%
Fe 273.955	5009200.6	238.27	mg/L	1.397	238.27	mg/L	1.397	0.59%
Mg 279.077	1307652.9	61.070	mg/L	0.4185	61.070	mg/L	0.4185	0.69%
Mn 257.610	719307.5	6.3966	mg/L	0.04824	6.3966	mg/L	0.04824	0.75%
Ni 231.604	19566.7	0.2586	mg/L	0.00048	0.2586	mg/L	0.00048	0.19%
Pb 220.353	9537.2	0.8445	mg/L	0.00135	0.8445	mg/L	0.00135	0.16%
Sb 206.836	324.9	0.0086	mg/L	0.00039	0.0086	mg/L	0.00039	4.56%
Se 196.026	-224.9	-0.0131	mg/L	0.00013	-0.0131	mg/L	0.00013	0.96%
Tl 190.801	-13.7	-0.0028	mg/L	0.00081	-0.0028	mg/L	0.00081	28.68%
V 292.402	70394.7	0.3316	mg/L	0.00045	0.3316	mg/L	0.00045	0.14%
Zn 206.200	102947.9	0.9697	mg/L	0.00037	0.9697	mg/L	0.00037	0.04%
Na 330.237	2957.6	2.9421	mg/L	0.08667	2.9421	mg/L	0.08667	2.95%
Cd 226.502	4190.5	0.0067	mg/L	0.00002	0.0067	mg/L	0.00002	0.30%
Ti 334.940	629487.4	0.9546	mg/L	0.00316	0.9546	mg/L	0.00316	0.33%
Ca 227.546	8668.2	17.205	mg/L	0.0946	17.205	mg/L	0.0946	0.55%

Sequence No.: 39 **Autosampler Location: 139**
Sample ID: D0926-17B,19669 **Date Collected: 8/26/05 3:16:10 PM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Reprocessed on 8/29/05 8:53:56 AM,**

Mean Data: D0926-17B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-5598.0	0.0160	mg/L	0.00001	0.0160	mg/L	0.00001	0.04%
Al 308.215	4384262.9	142.39	mg/L	0.727	142.39	mg/L	0.727	0.51%
As 188.979	123.2	0.0604	mg/L	0.00115	0.0604	mg/L	0.00115	1.90%
Ba 233.527	102106.1	1.2906	mg/L	0.01216	1.2906	mg/L	0.01216	0.94%
Be 313.107	27385.4	0.0059	mg/L	0.00005	0.0059	mg/L	0.00005	0.78%
Co 228.616	4507.4	0.0932	mg/L	0.00003	0.0932	mg/L	0.00003	0.04%
Cr 267.716	53291.1	0.2530	mg/L	0.00305	0.2530	mg/L	0.00305	1.20%
Cu 324.752	70149.9	0.2583	mg/L	0.00265	0.2583	mg/L	0.00265	1.03%
Fe 273.955	4311035.3	205.06	mg/L	1.201	205.06	mg/L	1.201	0.59%
Mg 279.077	870385.5	40.695	mg/L	0.1848	40.695	mg/L	0.1848	0.45%
Mn 257.610	668866.0	5.9380	mg/L	0.02864	5.9380	mg/L	0.02864	0.48%
Ni 231.604	15899.8	0.2094	mg/L	0.00190	0.2094	mg/L	0.00190	0.91%
Pb 220.353	9972.2	0.8680	mg/L	0.00510	0.8680	mg/L	0.00510	0.59%
Sb 206.836	269.8	0.0090	mg/L	0.00003	0.0090	mg/L	0.00003	0.33%
Se 196.026	-191.4	-0.0125	mg/L	0.00094	-0.0125	mg/L	0.00094	7.50%
Tl 190.801	-17.9	-0.0045	mg/L	0.00089	-0.0045	mg/L	0.00089	19.47%
V 292.402	54257.2	0.2559	mg/L	0.00328	0.2559	mg/L	0.00328	1.28%
Zn 206.200	95814.1	0.9038	mg/L	0.00742	0.9038	mg/L	0.00742	0.82%

Na 330.237	2789.1	2.7381 mg/L	0.08111	2.7381 mg/L	0.08111	2.96%
Cd 226.502	3693.7	0.0061 mg/L	0.00029	0.0061 mg/L	0.00029	4.74%
Ti 334.940	578679.1	0.8778 mg/L	0.01004	0.8778 mg/L	0.01004	1.14%
Ca 227.546	10163.9	21.109 mg/L	0.0480	21.109 mg/L	0.0480	0.23%

Sequence No.: 40
Sample ID: D0926-18B,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 140
Date Collected: 8/26/05 3:20:20 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:57 AM,

Mean Data: D0926-18B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-4260.6	0.0233	mg/L	0.00069	0.0233	mg/L	0.00069	2.97%
Al 308.215	5490364.8	178.31	mg/L	3.787	178.31	mg/L	3.787	2.12%
As 188.979	140.5	0.0635	mg/L	0.00135	0.0635	mg/L	0.00135	2.13%
Ba 233.527	200440.9	2.5672	mg/L	0.00163	2.5672	mg/L	0.00163	0.06%
Be 313.107	36172.6	0.0077	mg/L	0.00001	0.0077	mg/L	0.00001	0.11%
Co 228.616	3088.1	0.0621	mg/L	0.00013	0.0621	mg/L	0.00013	0.20%
Cr 267.716	41272.9	0.1943	mg/L	0.00160	0.1943	mg/L	0.00160	0.82%
Cu 324.752	58562.5	0.2122	mg/L	0.00017	0.2122	mg/L	0.00017	0.08%
Fe 273.955	3787785.1	180.17	mg/L	3.680	180.17	mg/L	3.680	2.04%
Mg 279.077	895918.0	41.905	mg/L	0.8325	41.905	mg/L	0.8325	1.99%
Mn 257.610	845318.3	7.4596	mg/L	0.14134	7.4596	mg/L	0.14134	1.89%
Ni 231.604	15419.5	0.2036	mg/L	0.00273	0.2036	mg/L	0.00273	1.34%
Pb 220.353	5320.5	0.4916	mg/L	0.00132	0.4916	mg/L	0.00132	0.27%
Sb 206.836	292.7	0.0094	mg/L	0.00013	0.0094	mg/L	0.00013	1.37%
Se 196.026	-168.2	-0.0068	mg/L	0.00188	-0.0068	mg/L	0.00188	27.76%
Tl 190.801	-16.5	-0.0027	mg/L	0.00004	-0.0027	mg/L	0.00004	1.37%
V 292.402	68669.6	0.3228	mg/L	0.00160	0.3228	mg/L	0.00160	0.50%
Zn 206.200	112801.5	1.0721	mg/L	0.00321	1.0721	mg/L	0.00321	0.30%
Na 330.237	3172.7	3.0798	mg/L	0.07272	3.0798	mg/L	0.07272	2.36%
Cd 226.502	3616.3	0.0072	mg/L	0.00036	0.0072	mg/L	0.00036	4.98%
Ti 334.940	709351.8	1.0755	mg/L	0.02646	1.0755	mg/L	0.02646	2.46%
Ca 227.546	5932.5	11.557	mg/L	0.0064	11.557	mg/L	0.0064	0.06%

Sequence No.: 41
Sample ID: D0926-19B,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 141
Date Collected: 8/26/05 3:24:31 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:58 AM,

Mean Data: D0926-19B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-5997.8	0.0220	mg/L	0.00032	0.0220	mg/L	0.00032	1.46%
Al 308.215	5305787.5	172.32	mg/L	0.071	172.32	mg/L	0.071	0.04%
As 188.979	149.3	0.0707	mg/L	0.00244	0.0707	mg/L	0.00244	3.46%
Ba 233.527	129825.9	1.6480	mg/L	0.00640	1.6480	mg/L	0.00640	0.39%
Be 313.107	35205.7	0.0074	mg/L	0.00005	0.0074	mg/L	0.00005	0.62%
Co 228.616	3972.7	0.0810	mg/L	0.00045	0.0810	mg/L	0.00045	0.56%
Cr 267.716	48787.7	0.2316	mg/L	0.00192	0.2316	mg/L	0.00192	0.83%
Cu 324.752	62050.6	0.2351	mg/L	0.00144	0.2351	mg/L	0.00144	0.61%
Fe 273.955	4498051.4	213.95	mg/L	0.154	213.95	mg/L	0.154	0.07%
Mg 279.077	1432522.3	66.857	mg/L	0.0874	66.857	mg/L	0.0874	0.13%
Mn 257.610	602669.4	5.3677	mg/L	0.00572	5.3677	mg/L	0.00572	0.11%
Ni 231.604	17428.4	0.2301	mg/L	0.00028	0.2301	mg/L	0.00028	0.12%
Pb 220.353	1955.8	0.2186	mg/L	0.00088	0.2186	mg/L	0.00088	0.40%
Sb 206.836	301.2	0.0086	mg/L	0.00236	0.0086	mg/L	0.00236	27.33%
Se 196.026	-202.7	-0.0112	mg/L	0.00016	-0.0112	mg/L	0.00016	1.47%
Tl 190.801	-9.6	-0.0020	mg/L	0.00225	-0.0020	mg/L	0.00225	114.60%
V 292.402	66992.2	0.3153	mg/L	0.00238	0.3153	mg/L	0.00238	0.75%
Zn 206.200	79546.7	0.7461	mg/L	0.00488	0.7461	mg/L	0.00488	0.65%
Na 330.237	2109.6	2.3146	mg/L	0.19047	2.3146	mg/L	0.19047	8.23%
Cd 226.502	3660.8	0.0056	mg/L	0.00006	0.0056	mg/L	0.00006	1.04%
Ti 334.940	626610.4	0.9500	mg/L	0.00581	0.9500	mg/L	0.00581	0.61%

Ca 227.546	5240.8	9.5164 mg/L	0.00568	9.5164 mg/L	0.00568	0.06%

Sequence No.: 42
Sample ID: D0926-19BDUP,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 142
Date Collected: 8/26/05 3:28:42 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:58 AM,

Mean Data: D0926-19BDUP,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-5944.9	0.0224	mg/L	0.00059	0.0224	mg/L	0.00059	2.63%
Al 308.215	5340674.2	173.46	mg/L	1.209	173.46	mg/L	1.209	0.70%
As 188.979	155.2	0.0737	mg/L	0.00045	0.0737	mg/L	0.00045	0.61%
Ba 233.527	129796.8	1.6474	mg/L	0.00064	1.6474	mg/L	0.00064	0.04%
Be 313.107	34904.0	0.0073	mg/L	0.00003	0.0073	mg/L	0.00003	0.38%
Co 228.616	4053.3	0.0828	mg/L	0.00060	0.0828	mg/L	0.00060	0.73%
Cr 267.716	47846.0	0.2269	mg/L	0.00041	0.2269	mg/L	0.00041	0.18%
Cu 324.752	60220.6	0.2298	mg/L	0.00072	0.2298	mg/L	0.00072	0.31%
Fe 273.955	4528006.3	215.38	mg/L	1.242	215.38	mg/L	1.242	0.58%
Mg 279.077	1413287.1	65.968	mg/L	0.5143	65.968	mg/L	0.5143	0.78%
Mn 257.610	640749.4	5.6999	mg/L	0.04358	5.6999	mg/L	0.04358	0.76%
Ni 231.604	17181.2	0.2266	mg/L	0.00130	0.2266	mg/L	0.00130	0.57%
Pb 220.353	1986.6	0.2215	mg/L	0.00178	0.2215	mg/L	0.00178	0.80%
Sb 206.836	301.1	0.0082	mg/L	0.00025	0.0082	mg/L	0.00025	3.02%
Se 196.026	-211.4	-0.0145	mg/L	0.00207	-0.0145	mg/L	0.00207	14.26%
Tl 190.801	-14.3	-0.0040	mg/L	0.00121	-0.0040	mg/L	0.00121	30.44%
V 292.402	64917.8	0.3057	mg/L	0.00091	0.3057	mg/L	0.00091	0.30%
Zn 206.200	78909.1	0.7398	mg/L	0.00018	0.7398	mg/L	0.00018	0.02%
Na 330.237	2278.6	2.4311	mg/L	0.10003	2.4311	mg/L	0.10003	4.11%
Cd 226.502	3687.2	0.0057	mg/L	0.00029	0.0057	mg/L	0.00029	5.06%
Ti 334.940	621849.5	0.9428	mg/L	0.00730	0.9428	mg/L	0.00730	0.77%
Ca 227.546	5087.1	9.1392	mg/L	0.04395	9.1392	mg/L	0.04395	0.48%

Sequence No.: 43
Sample ID: D0926-19BMS,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 143
Date Collected: 8/26/05 3:32:55 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:53:59 AM,

Mean Data: D0926-19BMS,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	8531.5	0.0686	mg/L	0.00073	0.0686	mg/L	0.00073	1.06%
Al 308.215	5219909.0	169.52	mg/L	1.000	169.52	mg/L	1.000	0.59%
As 188.979	232.0	0.1149	mg/L	0.00032	0.1149	mg/L	0.00032	0.28%
Ba 233.527	292568.3	3.7533	mg/L	0.02883	3.7533	mg/L	0.02883	0.77%
Be 313.107	337181.1	0.0601	mg/L	0.00039	0.0601	mg/L	0.00039	0.66%
Co 228.616	28593.0	0.6258	mg/L	0.00815	0.6258	mg/L	0.00815	1.30%
Cr 267.716	92624.3	0.4419	mg/L	0.00486	0.4419	mg/L	0.00486	1.10%
Cu 324.752	151179.7	0.5038	mg/L	0.00528	0.5038	mg/L	0.00528	1.05%
Fe 273.955	4687674.4	222.94	mg/L	1.372	222.94	mg/L	1.372	0.62%
Mg 279.077	1449751.4	67.683	mg/L	0.4252	67.683	mg/L	0.4252	0.63%
Mn 257.610	733718.5	6.5130	mg/L	0.03315	6.5130	mg/L	0.03315	0.51%
Ni 231.604	56599.0	0.7740	mg/L	0.00908	0.7740	mg/L	0.00908	1.17%
Pb 220.353	2301.7	0.2477	mg/L	0.00087	0.2477	mg/L	0.00087	0.35%
Sb 206.836	438.4	0.0432	mg/L	0.00104	0.0432	mg/L	0.00104	2.41%
Se 196.026	-100.4	0.0320	mg/L	0.00185	0.0320	mg/L	0.00185	5.78%
Tl 190.801	92.1	0.0508	mg/L	0.00058	0.0508	mg/L	0.00058	1.15%
V 292.402	171662.6	0.8038	mg/L	0.00783	0.8038	mg/L	0.00783	0.97%
Zn 206.200	131636.9	1.2483	mg/L	0.00887	1.2483	mg/L	0.00887	0.71%
Na 330.237	3606.4	3.3644	mg/L	0.28695	3.3644	mg/L	0.28695	8.53%
Cd 226.502	15565.7	0.0579	mg/L	0.00038	0.0579	mg/L	0.00038	0.66%
Ti 334.940	604791.7	0.9169	mg/L	0.01248	0.9169	mg/L	0.01248	1.36%
Ca 227.546	5246.2	9.3661	mg/L	0.06602	9.3661	mg/L	0.06602	0.70%

Sequence No.: 44
Sample ID: CCV
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/26/05 3:39:47 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:00 AM,

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	376544.1	1.1867	mg/L	0.01338	1.1867	mg/L	0.01338	1.13%
Al 308.215	316631.6	10.238	mg/L	0.1350	10.238	mg/L	0.1350	1.32%
As 188.979	986.1	0.5099	mg/L	0.00232	0.5099	mg/L	0.00232	0.46%
Ba 233.527	832263.7	10.772	mg/L	0.0188	10.772	mg/L	0.0188	0.17%
Be 313.107	1495470.9	0.2610	mg/L	0.00055	0.2610	mg/L	0.00055	0.21%
Co 228.616	119021.8	2.6345	mg/L	0.02442	2.6345	mg/L	0.02442	0.93%
Cr 267.716	219616.6	1.0552	mg/L	0.01733	1.0552	mg/L	0.01733	1.64%
Cu 324.752	429345.9	1.2826	mg/L	0.01893	1.2826	mg/L	0.01893	1.48%
Fe 273.955	113623.5	5.2526	mg/L	0.06028	5.2526	mg/L	0.06028	1.15%
Mg 279.077	557372.8	25.999	mg/L	0.2621	25.999	mg/L	0.2621	1.01%
Mn 257.610	299361.2	2.6079	mg/L	0.02452	2.6079	mg/L	0.02452	0.94%
Ni 231.604	187884.1	2.6100	mg/L	0.01844	2.6100	mg/L	0.01844	0.71%
Pb 220.353	6311.3	0.5217	mg/L	0.00194	0.5217	mg/L	0.00194	0.37%
Sb 206.836	1948.3	0.4975	mg/L	0.00107	0.4975	mg/L	0.00107	0.21%
Se 196.026	1234.1	0.5078	mg/L	0.00109	0.5078	mg/L	0.00109	0.22%
Tl 190.801	1011.8	0.5177	mg/L	0.00287	0.5177	mg/L	0.00287	0.55%
V 292.402	555268.3	2.5907	mg/L	0.00174	2.5907	mg/L	0.00174	0.07%
Zn 206.200	273039.7	2.6377	mg/L	0.03685	2.6377	mg/L	0.03685	1.40%
Na 330.237	36161.6	25.405	mg/L	0.3079	25.405	mg/L	0.3079	1.21%
Cd 226.502	59722.7	0.2645	mg/L	0.00355	0.2645	mg/L	0.00355	1.34%
Ti 334.940	171.7	0.0011	mg/L	0.00018	0.0011	mg/L	0.00018	16.89%
Ca 227.546	10917.3	25.203	mg/L	0.0576	25.203	mg/L	0.0576	0.23%

Sequence No.: 45
Sample ID: CCB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/26/05 3:43:59 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:01 AM,

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	36.8	0.0001	mg/L	0.00049	0.0001	mg/L	0.00049	399.79%
Al 308.215	966.0	0.0314	mg/L	0.00256	0.0314	mg/L	0.00256	8.16%
As 188.979	1.1	0.0006	mg/L	0.00122	0.0006	mg/L	0.00122	218.25%
Ba 233.527	93.5	0.0012	mg/L	0.00022	0.0012	mg/L	0.00022	18.48%
Be 313.107	206.8	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	21.57%
Co 228.616	6.1	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	47.87%
Cr 267.716	48.7	0.0002	mg/L	0.00029	0.0002	mg/L	0.00029	126.60%
Cu 324.752	504.5	0.0015	mg/L	0.00050	0.0015	mg/L	0.00050	32.51%
Fe 273.955	1248.8	0.0594	mg/L	0.00545	0.0594	mg/L	0.00545	9.18%
Mg 279.077	152.4	0.0071	mg/L	0.00417	0.0071	mg/L	0.00417	58.44%
Mn 257.610	185.0	0.0016	mg/L	0.00018	0.0016	mg/L	0.00018	11.02%
Ni 231.604	18.3	0.0003	mg/L	0.00010	0.0003	mg/L	0.00010	41.49%
Pb 220.353	5.6	0.0005	mg/L	0.00055	0.0005	mg/L	0.00055	116.99%
Sb 206.836	8.4	0.0022	mg/L	0.00068	0.0022	mg/L	0.00068	31.23%
Se 196.026	0.9	0.0004	mg/L	0.00092	0.0004	mg/L	0.00092	226.66%
Tl 190.801	1.1	0.0006	mg/L	0.00020	0.0006	mg/L	0.00020	33.77%
V 292.402	-55.3	-0.0003	mg/L	0.00006	-0.0003	mg/L	0.00006	22.12%
Zn 206.200	366.2	0.0035	mg/L	0.00039	0.0035	mg/L	0.00039	10.95%
Na 330.237	37.3	0.0264	mg/L	0.10108	0.0264	mg/L	0.10108	383.35%
Cd 226.502	-5.1	0.0000	mg/L	0.00005	0.0000	mg/L	0.00005	184.22%
Ti 334.940	94.2	0.0001	mg/L	0.00007	0.0001	mg/L	0.00007	48.27%
Ca 227.546	4.1	0.0088	mg/L	0.04914	0.0088	mg/L	0.04914	560.82%

Sequence No.: 46
Sample ID: D0926-19BSD,19669
Analyst:

Autosampler Location: 144
Date Collected: 8/26/05 3:48:06 PM

Sample Wt:
Dilution:

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:01 AM,

Mean Data: D0926-19BSD,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-1189.3	0.0049	mg/L	0.00005	0.0049	mg/L	0.00005	1.10%
Al 308.215	1083940.9	35.205	mg/L	0.4746	35.205	mg/L	0.4746	1.35%
As 188.979	34.1	0.0165	mg/L	0.00142	0.0165	mg/L	0.00142	8.62%
Ba 233.527	26888.9	0.3410	mg/L	0.00482	0.3410	mg/L	0.00482	1.41%
Be 313.107	7316.8	0.0015	mg/L	0.00002	0.0015	mg/L	0.00002	1.62%
Co 228.616	833.3	0.0170	mg/L	0.00003	0.0170	mg/L	0.00003	0.20%
Cr 267.716	10569.7	0.0502	mg/L	0.00154	0.0502	mg/L	0.00154	3.08%
Cu 324.752	12744.2	0.0492	mg/L	0.00065	0.0492	mg/L	0.00065	1.33%
Fe 273.955	983377.3	46.775	mg/L	0.4898	46.775	mg/L	0.4898	1.05%
Mg 279.077	303651.1	14.172	mg/L	0.1422	14.172	mg/L	0.1422	1.00%
Mn 257.610	127516.6	1.1366	mg/L	0.00997	1.1366	mg/L	0.00997	0.88%
Ni 231.604	3756.9	0.0496	mg/L	0.00042	0.0496	mg/L	0.00042	0.84%
Pb 220.353	417.2	0.0464	mg/L	0.00004	0.0464	mg/L	0.00004	0.09%
Sb 206.836	70.1	0.0036	mg/L	0.00041	0.0036	mg/L	0.00041	11.46%
Se 196.026	-45.3	-0.0031	mg/L	0.00147	-0.0031	mg/L	0.00147	47.20%
Tl 190.801	-0.2	0.0006	mg/L	0.00187	0.0006	mg/L	0.00187	329.48%
V 292.402	13684.6	0.0645	mg/L	0.00129	0.0645	mg/L	0.00129	1.99%
Zn 206.200	17119.3	0.1604	mg/L	0.00174	0.1604	mg/L	0.00174	1.08%
Na 330.237	310.5	0.3936	mg/L	0.10339	0.3936	mg/L	0.10339	26.27%
Cd 226.502	713.6	0.0008	mg/L	0.00003	0.0008	mg/L	0.00003	3.05%
Ti 334.940	128760.1	0.1952	mg/L	0.00205	0.1952	mg/L	0.00205	1.05%
Ca 227.546	1101.8	1.9773	mg/L	0.00617	1.9773	mg/L	0.00617	0.31%

Sequence No.: 47
Sample ID: D0926-19BPDS,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 145
Date Collected: 8/26/05 3:52:12 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:02 AM,

Mean Data: D0926-19BPDS,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	298.8	0.0401	mg/L	0.00046	0.0401	mg/L	0.00046	1.14%
Al 308.215	5196705.7	168.78	mg/L	0.164	168.78	mg/L	0.164	0.10%
As 188.979	183.0	0.0880	mg/L	0.00078	0.0880	mg/L	0.00078	0.89%
Ba 233.527	158074.4	2.0144	mg/L	0.00483	2.0144	mg/L	0.00483	0.24%
Be 313.107	91592.1	0.0172	mg/L	0.00002	0.0172	mg/L	0.00002	0.09%
Co 228.616	8477.2	0.1809	mg/L	0.00024	0.1809	mg/L	0.00024	0.13%
Cr 267.716	51329.3	0.2439	mg/L	0.00049	0.2439	mg/L	0.00049	0.20%
Cu 324.752	77868.3	0.2809	mg/L	0.00097	0.2809	mg/L	0.00097	0.34%
Fe 273.955	4374180.6	208.06	mg/L	0.130	208.06	mg/L	0.130	0.06%
Mg 279.077	1602523.4	74.766	mg/L	0.0577	74.766	mg/L	0.0577	0.08%
Mn 257.610	586930.3	5.2273	mg/L	0.00369	5.2273	mg/L	0.00369	0.07%
Ni 231.604	22606.9	0.3023	mg/L	0.00170	0.3023	mg/L	0.00170	0.56%
Pb 220.353	2148.2	0.2332	mg/L	0.00123	0.2332	mg/L	0.00123	0.53%
Sb 206.836	740.2	0.1237	mg/L	0.00017	0.1237	mg/L	0.00017	0.14%
Se 196.026	-36.9	0.0553	mg/L	0.00178	0.0553	mg/L	0.00178	3.22%
Tl 190.801	85.9	0.0468	mg/L	0.00256	0.0468	mg/L	0.00256	5.47%
V 292.402	86339.2	0.4055	mg/L	0.00046	0.4055	mg/L	0.00046	0.11%
Zn 206.200	89440.9	0.8420	mg/L	0.00045	0.8420	mg/L	0.00045	0.05%
Na 330.237	13505.2	10.294	mg/L	0.0067	10.294	mg/L	0.0067	0.06%
Cd 226.502	5790.9	0.0154	mg/L	0.00006	0.0154	mg/L	0.00006	0.39%
Ti 334.940	612813.4	0.9294	mg/L	0.00460	0.9294	mg/L	0.00460	0.50%
Ca 227.546	9245.4	18.933	mg/L	0.0325	18.933	mg/L	0.0325	0.17%

Sequence No.: 48
Sample ID: D0926-20B,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 146
Date Collected: 8/26/05 3:56:25 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:03 AM,

Mean Data: D0926-20B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-4271.3	0.0244	mg/L	0.00008	0.0244	mg/L	0.00008	0.32%
Al 308.215	5613611.8	182.31	mg/L	1.686	182.31	mg/L	1.686	0.92%
As 188.979	134.6	0.0603	mg/L	0.00016	0.0603	mg/L	0.00016	0.27%
Ba 233.527	202698.1	2.5956	mg/L	0.05029	2.5956	mg/L	0.05029	1.94%
Be 313.107	37131.7	0.0078	mg/L	0.00010	0.0078	mg/L	0.00010	1.32%
Co 228.616	3241.7	0.0654	mg/L	0.00006	0.0654	mg/L	0.00006	0.10%
Cr 267.716	42189.2	0.1986	mg/L	0.00360	0.1986	mg/L	0.00360	1.81%
Cu 324.752	61486.9	0.2222	mg/L	0.00422	0.2222	mg/L	0.00422	1.90%
Fe 273.955	3907170.9	185.85	mg/L	1.383	185.85	mg/L	1.383	0.74%
Mg 279.077	987119.1	46.157	mg/L	0.4419	46.157	mg/L	0.4419	0.96%
Mn 257.610	878351.6	7.7503	mg/L	0.06922	7.7503	mg/L	0.06922	0.89%
Ni 231.604	16016.3	0.2117	mg/L	0.00551	0.2117	mg/L	0.00551	2.60%
Pb 220.353	5244.2	0.4867	mg/L	0.00007	0.4867	mg/L	0.00007	0.01%
Sb 206.836	298.0	0.0091	mg/L	0.00013	0.0091	mg/L	0.00013	1.48%
Se 196.026	-173.2	-0.0071	mg/L	0.00301	-0.0071	mg/L	0.00301	42.64%
Tl 190.801	-15.4	-0.0017	mg/L	0.00058	-0.0017	mg/L	0.00058	33.25%
V 292.402	66816.6	0.3142	mg/L	0.00584	0.3142	mg/L	0.00584	1.86%
Zn 206.200	114414.9	1.0870	mg/L	0.02177	1.0870	mg/L	0.02177	2.00%
Na 330.237	3065.5	2.9783	mg/L	0.07844	2.9783	mg/L	0.07844	2.63%
Cd 226.502	3756.1	0.0076	mg/L	0.00030	0.0076	mg/L	0.00030	3.91%
Ti 334.940	671654.2	1.0183	mg/L	0.00901	1.0183	mg/L	0.00901	0.89%
Ca 227.546	6104.1	11.886	mg/L	0.0106	11.886	mg/L	0.0106	0.09%

Sequence No.: 49
Sample ID: D0926-07BPDS,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 147
Date Collected: 8/26/05 4:00:33 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:04 AM,

Mean Data: D0926-07BPDS,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-4882.2	0.0193	mg/L	0.00006	0.0193	mg/L	0.00006	0.34%
Al 308.215	5347801.7	173.62	mg/L	0.693	173.62	mg/L	0.693	0.40%
As 188.979	5557.3	2.8598	mg/L	0.04703	2.8598	mg/L	0.04703	1.64%
Ba 233.527	231926.5	2.9712	mg/L	0.00081	2.9712	mg/L	0.00081	0.03%
Be 313.107	Saturated2							
Saturated in preshot (code 2)								
Co 228.616	137662.0	3.0361	mg/L	0.00861	3.0361	mg/L	0.00861	0.28%
Cr 267.716	667082.7	3.2054	mg/L	0.00206	3.2054	mg/L	0.00206	0.06%
Cu 324.752	1232301.8	3.7254	mg/L	0.00642	3.7254	mg/L	0.00642	0.17%
Fe 273.955	4037811.2	191.89	mg/L	0.451	191.89	mg/L	0.451	0.24%
Mg 279.077	635648.6	29.768	mg/L	0.1276	29.768	mg/L	0.1276	0.43%
Mn 257.610	505696.1	4.5119	mg/L	0.01895	4.5119	mg/L	0.01895	0.42%
Ni 231.604	231419.8	3.1967	mg/L	0.02029	3.1967	mg/L	0.02029	0.63%
Pb 220.353	60865.9	5.0441	mg/L	0.00662	5.0441	mg/L	0.00662	0.13%
Sb 206.836	10209.6	2.5579	mg/L	0.03190	2.5579	mg/L	0.03190	1.25%
Se 196.026	6638.5	2.7946	mg/L	0.03541	2.7946	mg/L	0.03541	1.27%
Tl 190.801	5943.0	3.0472	mg/L	0.03979	3.0472	mg/L	0.03979	1.31%
V 292.402	687988.0	3.2141	mg/L	0.00113	3.2141	mg/L	0.00113	0.04%
Zn 206.200	552429.8	5.3217	mg/L	0.00241	5.3217	mg/L	0.00241	0.05%
Na 330.237	18137.4	15.347	mg/L	0.1499	15.347	mg/L	0.1499	0.98%
Cd 226.502	671729.5	2.9617	mg/L	0.00475	2.9617	mg/L	0.00475	0.16%
Ti 334.940	2631698.9	3.9893	mg/L	0.00011	3.9893	mg/L	0.00011	0.00%
Ca 227.546	18603.4	40.694	mg/L	0.2511	40.694	mg/L	0.2511	0.62%

Sequence No.: 50
Sample ID: D0926-08B,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 148
Date Collected: 8/26/05 4:03:05 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:04 AM,

Mean Data: D0926-08B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-2821.1	-0.0379	mg/L	0.00000	-0.0379	mg/L	0.00000	0.01%
Al 308.215	579989.4	18.796	mg/L	0.0103	18.796	mg/L	0.0103	0.05%
As 188.979	49.2	0.0286	mg/L	0.00061	0.0286	mg/L	0.00061	2.14%
Ba 233.527	299176.7	3.8550	mg/L	0.00065	3.8550	mg/L	0.00065	0.02%
Be 313.107	4763.3	0.0011	mg/L	0.00005	0.0011	mg/L	0.00005	4.39%
Co 228.616	788.0	0.0143	mg/L	0.00002	0.0143	mg/L	0.00002	0.15%
Cr 267.716	6579.7	0.0250	mg/L	0.00009	0.0250	mg/L	0.00009	0.34%
Cu 324.752	42545.0	0.1496	mg/L	0.00082	0.1496	mg/L	0.00082	0.55%
Fe 273.955	2303306.8	109.56	mg/L	0.140	109.56	mg/L	0.140	0.13%
Mg 279.077	167336.4	8.0414	mg/L	0.01345	8.0414	mg/L	0.01345	0.17%
Mn 257.610	1386564.7	12.123	mg/L	0.0134	12.123	mg/L	0.0134	0.11%
Ni 231.604	3270.8	0.0397	mg/L	0.00012	0.0397	mg/L	0.00012	0.29%
Pb 220.353	1403.3	0.1352	mg/L	0.00037	0.1352	mg/L	0.00037	0.27%
Sb 206.836	112.5	0.0122	mg/L	0.00335	0.0122	mg/L	0.00335	27.61%
Se 196.026	-79.0	-0.0044	mg/L	0.00136	-0.0044	mg/L	0.00136	31.01%
Tl 190.801	-46.7	-0.0052	mg/L	0.00110	-0.0052	mg/L	0.00110	21.02%
V 292.402	12530.7	0.0604	mg/L	0.00046	0.0604	mg/L	0.00046	0.76%
Zn 206.200	78625.8	0.7428	mg/L	0.00022	0.7428	mg/L	0.00022	0.03%
Na 330.237	3222.2	2.3839	mg/L	0.13388	2.3839	mg/L	0.13388	5.62%
Cd 226.502	2138.8	0.0038	mg/L	0.00015	0.0038	mg/L	0.00015	3.99%
Ti 334.940	145509.4	0.2313	mg/L	0.00260	0.2313	mg/L	0.00260	1.12%
Ca 227.546	126787.9	294.52	mg/L	0.455	294.52	mg/L	0.455	0.15%

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Sequence No.: 51
Sample ID: D0926-10B,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 149
Date Collected: 8/26/05 4:07:09 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:05 AM,

Mean Data: D0926-10B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-3850.2	0.0031	mg/L	0.00022	0.0031	mg/L	0.00022	7.34%
Al 308.215	1189030.3	38.550	mg/L	0.0227	38.550	mg/L	0.0227	0.06%
As 188.979	77.8	0.0426	mg/L	0.00044	0.0426	mg/L	0.00044	1.02%
Ba 233.527	330649.2	4.2591	mg/L	0.00929	4.2591	mg/L	0.00929	0.22%
Be 313.107	18601.2	0.0035	mg/L	0.00001	0.0035	mg/L	0.00001	0.26%
Co 228.616	4063.5	0.0860	mg/L	0.00009	0.0860	mg/L	0.00009	0.10%
Cr 267.716	14064.4	0.0566	mg/L	0.00007	0.0566	mg/L	0.00007	0.13%
Cu 324.752	12903.0	0.0653	mg/L	0.00013	0.0653	mg/L	0.00013	0.19%
Fe 273.955	3037374.7	144.48	mg/L	0.093	144.48	mg/L	0.093	0.06%
Mg 279.077	220632.0	10.682	mg/L	0.0005	10.682	mg/L	0.0005	0.00%
Mn 257.610	2343760.5	20.472	mg/L	0.0014	20.472	mg/L	0.0014	0.01%
Ni 231.604	8251.9	0.1073	mg/L	0.00014	0.1073	mg/L	0.00014	0.13%
Pb 220.353	1152.4	0.1172	mg/L	0.00065	0.1172	mg/L	0.00065	0.55%
Sb 206.836	134.6	0.0078	mg/L	0.00061	0.0078	mg/L	0.00061	7.76%
Se 196.026	-92.1	-0.0093	mg/L	0.00097	-0.0093	mg/L	0.00097	10.34%
Tl 190.801	-64.9	-0.0066	mg/L	0.00090	-0.0066	mg/L	0.00090	13.68%
V 292.402	25953.0	0.1240	mg/L	0.00025	0.1240	mg/L	0.00025	0.20%
Zn 206.200	41125.3	0.3779	mg/L	0.00086	0.3779	mg/L	0.00086	0.23%
Na 330.237	1058.4	1.0828	mg/L	0.08050	1.0828	mg/L	0.08050	7.43%
Cd 226.502	3677.0	0.0088	mg/L	0.00021	0.0088	mg/L	0.00021	2.43%
Ti 334.940	148719.3	0.2257	mg/L	0.00063	0.2257	mg/L	0.00063	0.28%
Ca 227.546	4510.4	8.5841	mg/L	0.02686	8.5841	mg/L	0.02686	0.31%

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Sequence No.: 52
Sample ID: D0926-13B,19669
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 150
Date Collected: 8/26/05 4:11:14 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:06 AM,

Mean Data: D0926-13B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-7020.7	-0.0127	mg/L	0.00084	-0.0127	mg/L	0.00084	6.57%

Al 308.215	289926.9	9.3958 mg/L	0.16681	9.3958 mg/L	0.16681	1.78%
As 188.979	73.2	0.0511 mg/L	0.00023	0.0511 mg/L	0.00023	0.45%
Ba 233.527	158444.9	2.0128 mg/L	0.03831	2.0128 mg/L	0.03831	1.90%
Be 313.107	1963.9	0.0005 mg/L	0.00000	0.0005 mg/L	0.00000	0.13%
Co 228.616	486.1	0.0042 mg/L	0.00008	0.0042 mg/L	0.00008	1.99%
Cr 267.716	4401.4	0.0179 mg/L	0.00016	0.0179 mg/L	0.00016	0.89%
Cu 324.752	44244.5	0.2062 mg/L	0.00303	0.2062 mg/L	0.00303	1.47%
Fe 273.955	5387242.7	256.27 mg/L	1.993	256.27 mg/L	1.993	0.78%
Mg 279.077	90814.8	4.4183 mg/L	0.06952	4.4183 mg/L	0.06952	1.57%
Mn 257.610	689225.4	6.1412 mg/L	0.04096	6.1412 mg/L	0.04096	0.67%
Ni 231.604	2847.1	0.0269 mg/L	0.00018	0.0269 mg/L	0.00018	0.67%
Pb 220.353	1139.8	0.1248 mg/L	0.00013	0.1248 mg/L	0.00013	0.10%
Sb 206.836	163.3	0.0096 mg/L	0.00044	0.0096 mg/L	0.00044	4.61%
Se 196.026	-214.5	-0.0219 mg/L	0.00260	-0.0219 mg/L	0.00260	11.90%
Tl 190.801	-38.0	-0.0105 mg/L	0.00059	-0.0105 mg/L	0.00059	5.64%
V 292.402	4794.2	0.0256 mg/L	0.00023	0.0256 mg/L	0.00023	0.88%
Zn 206.200	117238.2	1.0992 mg/L	0.02082	1.0992 mg/L	0.02082	1.89%
Na 330.237	4103.2	3.2792 mg/L	0.04000	3.2792 mg/L	0.04000	1.22%
Cd 226.502	5418.6	0.0106 mg/L	0.00061	0.0106 mg/L	0.00061	5.76%
Ti 334.940	74542.6	0.1170 mg/L	0.00576	0.1170 mg/L	0.00576	4.92%
Ca 227.546	47877.4	108.45 mg/L	1.775	108.45 mg/L	1.775	1.64%

Sequence No.: 53
Sample ID: CRI
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 8/26/05 4:18:24 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:07 AM,

Mean Data: CRI

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Ag 328.068	3118.6	0.0095	mg/L	0.00016	0.0095	mg/L	0.00016	1.71%
Al 308.215	6763.4	0.2188	mg/L	0.00244	0.2188	mg/L	0.00244	1.11%
As 188.979	22.7	0.0116	mg/L	0.00130	0.0116	mg/L	0.00130	11.15%
Ba 233.527	17438.8	0.2257	mg/L	0.00021	0.2257	mg/L	0.00021	0.09%
Be 313.107	30249.4	0.0053	mg/L	0.00003	0.0053	mg/L	0.00003	0.48%
Co 228.616	2472.7	0.0547	mg/L	0.00021	0.0547	mg/L	0.00021	0.39%
Cr 267.716	2290.0	0.0110	mg/L	0.00004	0.0110	mg/L	0.00004	0.37%
Cu 324.752	7922.2	0.0237	mg/L	0.00039	0.0237	mg/L	0.00039	1.64%
Fe 273.955	2948.4	0.1371	mg/L	0.00263	0.1371	mg/L	0.00263	1.92%
Mg 279.077	116402.9	5.4192	mg/L	0.01764	5.4192	mg/L	0.01764	0.33%
Mn 257.610	2006.1	0.0175	mg/L	0.00018	0.0175	mg/L	0.00018	1.03%
Ni 231.604	3097.8	0.0430	mg/L	0.00004	0.0430	mg/L	0.00004	0.10%
Pb 220.353	125.7	0.0105	mg/L	0.00054	0.0105	mg/L	0.00054	5.18%
Sb 206.836	208.7	0.0538	mg/L	0.00146	0.0538	mg/L	0.00146	2.70%
Se 196.026	90.6	0.0374	mg/L	0.00004	0.0374	mg/L	0.00004	0.12%
Tl 190.801	50.9	0.0261	mg/L	0.00089	0.0261	mg/L	0.00089	3.42%
V 292.402	11523.7	0.0538	mg/L	0.00041	0.0538	mg/L	0.00041	0.77%
Zn 206.200	6985.0	0.0673	mg/L	0.00019	0.0673	mg/L	0.00019	0.28%
Na 330.237	5327.0	3.7394	mg/L	0.06562	3.7394	mg/L	0.06562	1.75%
Cd 226.502	1209.8	0.0054	mg/L	0.00001	0.0054	mg/L	0.00001	0.10%
Ti 334.940	94.3	0.0003	mg/L	0.00001	0.0003	mg/L	0.00001	2.57%
Ca 227.546	2116.2	4.9347	mg/L	0.05044	4.9347	mg/L	0.05044	1.02%

Sequence No.: 54
Sample ID: ICSA
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/26/05 4:22:37 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:07 AM,

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Ag 328.068	-4665.3	0.0102	mg/L	0.00032	0.0102	mg/L	0.00032	3.20%
Al 308.215	14607271.8	474.51	mg/L	0.753	474.51	mg/L	0.753	0.16%
As 188.979	73.3	-0.0081	mg/L	0.00243	-0.0081	mg/L	0.00243	29.84%
Ba 233.527	1996.0	-0.0062	mg/L	0.00025	-0.0062	mg/L	0.00025	3.98%

Be 313.107	12.3	0.0000 mg/L	0.00002	0.0000 mg/L	0.00002	74.17%
Co 228.616	133.6	-0.0013 mg/L	0.00015	-0.0013 mg/L	0.00015	12.36%
Cr 267.716	741.1	0.0036 mg/L	0.00026	0.0036 mg/L	0.00026	7.26%
Cu 324.752	-5752.4	-0.0013 mg/L	0.00003	-0.0013 mg/L	0.00003	2.03%
Fe 273.955	3556323.2	169.17 mg/L	1.307	169.17 mg/L	1.307	0.77%
Mg 279.077	9602437.7	447.06 mg/L	0.733	447.06 mg/L	0.733	0.16%
Mn 257.610	-11374.3	0.0029 mg/L	0.00008	0.0029 mg/L	0.00008	2.64%
Ni 231.604	303.1	-0.0040 mg/L	0.00001	-0.0040 mg/L	0.00001	0.13%
Pb 220.353	-1515.4	-0.0029 mg/L	0.00086	-0.0029 mg/L	0.00086	29.44%
Sb 206.836	550.9	0.0037 mg/L	0.00145	0.0037 mg/L	0.00145	38.92%
Se 196.026	-252.8	0.0043 mg/L	0.00365	0.0043 mg/L	0.00365	85.09%
Tl 190.801	13.2	0.0013 mg/L	0.00280	0.0013 mg/L	0.00280	209.91%
V 292.402	-912.8	-0.0011 mg/L	0.00006	-0.0011 mg/L	0.00006	5.36%
Zn 206.200	2941.9	0.0103 mg/L	0.00017	0.0103 mg/L	0.00017	1.62%
Na 330.237	321.1	0.0427 mg/L	0.09438	0.0427 mg/L	0.09438	221.10%
Cd 226.502	2463.1	0.0037 mg/L	0.00022	0.0037 mg/L	0.00022	5.84%
Ti 334.940	-12753.1	-0.0016 mg/L	0.00003	-0.0016 mg/L	0.00003	1.74%
Ca 227.546	208340.3	484.44 mg/L	3.714	484.44 mg/L	3.714	0.77%

Sequence No.: 55 **Autosampler Location: 6**
Sample ID: ICSAB **Date Collected: 8/26/05 4:26:54 PM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Reprocessed on 8/29/05 8:54:08 AM,**

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	57472.2	0.2067	mg/L	0.00062	0.2067	mg/L	0.00062	0.30%
Al 308.215	15250228.6	495.38	mg/L	0.936	495.38	mg/L	0.936	0.19%
As 188.979	255.7	0.0859	mg/L	0.01503	0.0859	mg/L	0.01503	17.50%
Ba 233.527	43269.2	0.5264	mg/L	0.00670	0.5264	mg/L	0.00670	1.27%
Be 313.107	2793410.9	0.4876	mg/L	0.00018	0.4876	mg/L	0.00018	0.04%
Co 228.616	21084.6	0.4623	mg/L	0.00552	0.4623	mg/L	0.00552	1.19%
Cr 267.716	101816.3	0.4896	mg/L	0.00409	0.4896	mg/L	0.00409	0.84%
Cu 324.752	158951.7	0.4914	mg/L	0.00455	0.4914	mg/L	0.00455	0.93%
Fe 273.955	3712014.9	176.55	mg/L	0.032	176.55	mg/L	0.032	0.02%
Mg 279.077	10014668.9	466.26	mg/L	0.564	466.26	mg/L	0.564	0.12%
Mn 257.610	44568.4	0.4943	mg/L	0.00165	0.4943	mg/L	0.00165	0.33%
Ni 231.604	66437.3	0.9146	mg/L	0.00465	0.9146	mg/L	0.00465	0.51%
Pb 220.353	-969.1	0.0479	mg/L	0.00263	0.0479	mg/L	0.00263	5.49%
Sb 206.836	2760.1	0.5662	mg/L	0.00849	0.5662	mg/L	0.00849	1.50%
Se 196.026	-158.6	0.0474	mg/L	0.01217	0.0474	mg/L	0.01217	25.69%
Tl 190.801	206.4	0.0999	mg/L	0.00473	0.0999	mg/L	0.00473	4.73%
V 292.402	104951.7	0.4934	mg/L	0.00507	0.4934	mg/L	0.00507	1.03%
Zn 206.200	96494.8	0.9140	mg/L	0.00873	0.9140	mg/L	0.00873	0.95%
Na 330.237	3435.4	2.2265	mg/L	0.17554	2.2265	mg/L	0.17554	7.88%
Cd 226.502	210864.1	0.9252	mg/L	0.00843	0.9252	mg/L	0.00843	0.91%
Ti 334.940	-12581.8	-0.0005	mg/L	0.00010	-0.0005	mg/L	0.00010	18.72%
Ca 227.546	218791.6	508.69	mg/L	4.349	508.69	mg/L	4.349	0.86%

Sequence No.: 56 **Autosampler Location: 3**
Sample ID: CCV **Date Collected: 8/26/05 4:29:35 PM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Reprocessed on 8/29/05 8:54:09 AM,**

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	368476.3	1.1612	mg/L	0.00445	1.1612	mg/L	0.00445	0.38%
Al 308.215	310781.5	10.048	mg/L	0.0471	10.048	mg/L	0.0471	0.47%
As 188.979	984.1	0.5088	mg/L	0.00219	0.5088	mg/L	0.00219	0.43%
Ba 233.527	828123.6	10.719	mg/L	0.0832	10.719	mg/L	0.0832	0.78%
Be 313.107	1489095.2	0.2599	mg/L	0.00265	0.2599	mg/L	0.00265	1.02%
Co 228.616	116874.9	2.5870	mg/L	0.00923	2.5870	mg/L	0.00923	0.36%
Cr 267.716	215348.6	1.0347	mg/L	0.00900	1.0347	mg/L	0.00900	0.87%

Cu 324.752	422167.2	1.2611 mg/L	0.01115	1.2611 mg/L	0.01115	0.88%
Fe 273.955	110782.7	5.1183 mg/L	0.02004	5.1183 mg/L	0.02004	0.39%
Mg 279.077	548310.7	25.576 mg/L	0.1210	25.576 mg/L	0.1210	0.47%
Mn 257.610	294090.6	2.5620 mg/L	0.01137	2.5620 mg/L	0.01137	0.44%
Ni 231.604	184670.1	2.5654 mg/L	0.00510	2.5654 mg/L	0.00510	0.20%
Pb 220.353	6320.8	0.5224 mg/L	0.00041	0.5224 mg/L	0.00041	0.08%
Sb 206.836	1942.3	0.4961 mg/L	0.00045	0.4961 mg/L	0.00045	0.09%
Se 196.026	1231.7	0.5068 mg/L	0.00286	0.5068 mg/L	0.00286	0.56%
Tl 190.801	1016.1	0.5199 mg/L	0.00165	0.5199 mg/L	0.00165	0.32%
V 292.402	552368.9	2.5771 mg/L	0.02766	2.5771 mg/L	0.02766	1.07%
Zn 206.200	269484.6	2.6034 mg/L	0.02705	2.6034 mg/L	0.02705	1.04%
Na 330.237	35523.0	24.956 mg/L	0.1935	24.956 mg/L	0.1935	0.78%
Cd 226.502	58892.3	0.2608 mg/L	0.00200	0.2608 mg/L	0.00200	0.77%
Ti 334.940	51.1	0.0009 mg/L	0.00002	0.0009 mg/L	0.00002	1.84%
Ca 227.546	10918.7	25.210 mg/L	0.1195	25.210 mg/L	0.1195	0.47%

Sequence No.: 57
Sample ID: CCB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/26/05 4:33:47 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:10 AM,

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-10.2	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	2.59%
Al 308.215	949.6	0.0308	mg/L	0.00321	0.0308	mg/L	0.00321	10.40%
As 188.979	-0.4	-0.0002	mg/L	0.00015	-0.0002	mg/L	0.00015	72.28%
Ba 233.527	72.1	0.0009	mg/L	0.00020	0.0009	mg/L	0.00020	21.08%
Be 313.107	238.0	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	34.74%
Co 228.616	5.5	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	26.25%
Cr 267.716	-32.8	-0.0002	mg/L	0.00010	-0.0002	mg/L	0.00010	61.93%
Cu 324.752	695.5	0.0021	mg/L	0.00035	0.0021	mg/L	0.00035	16.62%
Fe 273.955	441.2	0.0210	mg/L	0.00107	0.0210	mg/L	0.00107	5.12%
Mg 279.077	454.6	0.0212	mg/L	0.00497	0.0212	mg/L	0.00497	23.44%
Mn 257.610	68.8	0.0006	mg/L	0.00013	0.0006	mg/L	0.00013	21.70%
Ni 231.604	16.6	0.0002	mg/L	0.00003	0.0002	mg/L	0.00003	14.35%
Pb 220.353	4.7	0.0004	mg/L	0.00009	0.0004	mg/L	0.00009	23.46%
Sb 206.836	8.8	0.0023	mg/L	0.00079	0.0023	mg/L	0.00079	34.77%
Se 196.026	-4.6	-0.0019	mg/L	0.00158	-0.0019	mg/L	0.00158	84.10%
Tl 190.801	2.5	0.0013	mg/L	0.00080	0.0013	mg/L	0.00080	62.21%
V 292.402	-1.7	0.0000	mg/L	0.00036	0.0000	mg/L	0.00036	>999.9%
Zn 206.200	369.8	0.0036	mg/L	0.00045	0.0036	mg/L	0.00045	12.64%
Na 330.237	-38.0	-0.0266	mg/L	0.05711	-0.0266	mg/L	0.05711	214.85%
Cd 226.502	2.8	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	45.54%
Ti 334.940	85.5	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	14.20%
Ca 227.546	12.0	0.0278	mg/L	0.03384	0.0278	mg/L	0.03384	121.89%

Sequence No.: 58
Sample ID: D0926-14B,19669
Analyst:
Sample Wt:
Dilution:

x5

Autosampler Location: 151
Date Collected: 8/26/05 4:37:54 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:10 AM,

Mean Data: D0926-14B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-7040.0	-0.0039	mg/L	0.00046	-0.0039	mg/L	0.00046	11.86%
Al 308.215	2999.8	0.0963	mg/L	0.00243	0.0963	mg/L	0.00243	2.52%
As 188.979	-15.1	0.0068	mg/L	0.00029	0.0068	mg/L	0.00029	4.17%
Ba 233.527	231758.3	2.9636	mg/L	0.00064	2.9636	mg/L	0.00064	0.02%
Be 313.107	160.4	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	0.48%
Co 228.616	73.6	-0.0046	mg/L	0.00002	-0.0046	mg/L	0.00002	0.37%
Cr 267.716	701.2	0.0032	mg/L	0.00001	0.0032	mg/L	0.00001	0.46%
Cu 324.752	-4628.6	0.0630	mg/L	0.00107	0.0630	mg/L	0.00107	1.69%
Fe 273.955	5223933.8	248.50	mg/L	1.114	248.50	mg/L	1.114	0.45%
Mg 279.077	7728.4	0.4466	mg/L	0.00047	0.4466	mg/L	0.00047	0.11%

Mn 257.610	39026.9	0.4808 mg/L	0.00223	0.4808 mg/L	0.00223	0.46%
Ni 231.604	761.3	-0.0015 mg/L	0.00008	-0.0015 mg/L	0.00008	5.26%
Pb 220.353	200.0	0.0441 mg/L	0.00005	0.0441 mg/L	0.00005	0.12%
Sb 206.836	133.6	0.0050 mg/L	0.00025	0.0050 mg/L	0.00025	4.98%
Se 196.026	-207.3	-0.0195 mg/L	0.00016	-0.0195 mg/L	0.00016	0.80%
Tl 190.801	-21.4	-0.0102 mg/L	0.00125	-0.0102 mg/L	0.00125	12.23%
V 292.402	-339.8	0.0011 mg/L	0.00004	0.0011 mg/L	0.00004	3.39%
Zn 206.200	56502.3	0.5145 mg/L	0.00033	0.5145 mg/L	0.00033	0.06%
Na 330.237	1491.9	1.4123 mg/L	0.17359	1.4123 mg/L	0.17359	12.29%
Cd 226.502	3898.4	0.0042 mg/L	0.00008	0.0042 mg/L	0.00008	1.81%
Ti 334.940	158.9	0.0016 mg/L	0.00012	0.0016 mg/L	0.00012	7.77%
Ca 227.546	15721.5	33.512 mg/L	0.0839	33.512 mg/L	0.0839	0.25%

Sequence No.: 59
Sample ID: MB-19689,19689
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 8/26/05 5:07:14 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:11 AM,

Mean Data: MB-19689,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-63.9	-0.0002	mg/L	0.00027	-0.0002	mg/L	0.00027	130.69%
Al 308.215	150.2	0.0049	mg/L	0.00239	0.0049	mg/L	0.00239	48.96%
As 188.979	0.9	0.0005	mg/L	0.00133	0.0005	mg/L	0.00133	277.21%
Ba 233.527	125.4	0.0016	mg/L	0.00014	0.0016	mg/L	0.00014	8.73%
Be 313.107	-49.4	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	214.99%
Co 228.616	1.2	0.0000	mg/L	0.00005	0.0000	mg/L	0.00005	199.46%
Cr 267.716	49.1	0.0002	mg/L	0.00010	0.0002	mg/L	0.00010	40.62%
Cu 324.752	882.9	0.0026	mg/L	0.00027	0.0026	mg/L	0.00027	10.19%
Fe 273.955	459.6	0.0219	mg/L	0.00065	0.0219	mg/L	0.00065	2.97%
Mg 279.077	-206.4	-0.0096	mg/L	0.00529	-0.0096	mg/L	0.00529	55.27%
Mn 257.610	231.8	0.0020	mg/L	0.00000	0.0020	mg/L	0.00000	0.14%
Ni 231.604	10.2	0.0001	mg/L	0.00008	0.0001	mg/L	0.00008	57.64%
Pb 220.353	-2.7	-0.0002	mg/L	0.00092	-0.0002	mg/L	0.00092	422.70%
Sb 206.836	7.8	0.0020	mg/L	0.00078	0.0020	mg/L	0.00078	38.80%
Se 196.026	-3.4	-0.0014	mg/L	0.00067	-0.0014	mg/L	0.00067	47.47%
Tl 190.801	0.8	0.0004	mg/L	0.00093	0.0004	mg/L	0.00093	215.10%
V 292.402	-7.7	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	45.19%
Zn 206.200	1302.6	0.0126	mg/L	0.00100	0.0126	mg/L	0.00100	7.95%
Na 330.237	106.2	0.0748	mg/L	0.01336	0.0748	mg/L	0.01336	17.88%
Cd 226.502	1.4	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	731.63%
Ti 334.940	158.2	0.0002	mg/L	0.00007	0.0002	mg/L	0.00007	29.44%
Ca 227.546	27.5	0.0639	mg/L	0.02454	0.0639	mg/L	0.02454	38.43%

Sequence No.: 60
Sample ID: LCS-19689,19689
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 10
Date Collected: 8/26/05 5:11:20 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:12 AM,

Mean Data: LCS-19689,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	360085.8	1.1347	mg/L	0.00400	1.1347	mg/L	0.00400	0.35%
Al 308.215	296999.0	9.6020	mg/L	0.01980	9.6020	mg/L	0.01980	0.21%
As 188.979	974.8	0.5038	mg/L	0.00104	0.5038	mg/L	0.00104	0.21%
Ba 233.527	795909.6	10.302	mg/L	0.0654	10.302	mg/L	0.0654	0.63%
Be 313.107	1436878.6	0.2508	mg/L	0.00189	0.2508	mg/L	0.00189	0.75%
Co 228.616	112967.6	2.5005	mg/L	0.00854	2.5005	mg/L	0.00854	0.34%
Cr 267.716	204942.0	0.9847	mg/L	0.00112	0.9847	mg/L	0.00112	0.11%
Cu 324.752	404910.2	1.2095	mg/L	0.00089	1.2095	mg/L	0.00089	0.07%
Fe 273.955	105258.2	4.8611	mg/L	0.00825	4.8611	mg/L	0.00825	0.17%
Mg 279.077	529539.5	24.701	mg/L	0.0453	24.701	mg/L	0.0453	0.18%
Mn 257.610	284097.6	2.4749	mg/L	0.00602	2.4749	mg/L	0.00602	0.24%
Ni 231.604	178039.1	2.4732	mg/L	0.00957	2.4732	mg/L	0.00957	0.39%
Pb 220.353	6252.3	0.5166	mg/L	0.00247	0.5166	mg/L	0.00247	0.48%

Sb 206.836	1898.2	0.4850 mg/L	0.00025	0.4850 mg/L	0.00025	0.05%
Se 196.026	1230.7	0.5063 mg/L	0.00039	0.5063 mg/L	0.00039	0.08%
Tl 190.801	1002.5	0.5130 mg/L	0.00442	0.5130 mg/L	0.00442	0.86%
V 292.402	531850.1	2.4814 mg/L	0.02073	2.4814 mg/L	0.02073	0.84%
Zn 206.200	258225.0	2.4946 mg/L	0.00094	2.4946 mg/L	0.00094	0.04%
Na 330.237	34180.7	24.013 mg/L	0.0633	24.013 mg/L	0.0633	0.26%
Cd 226.502	58187.8	0.2577 mg/L	0.00039	0.2577 mg/L	0.00039	0.15%
Ti 334.940	-377.2	0.0002 mg/L	0.00009	0.0002 mg/L	0.00009	44.54%
Ca 227.546	10465.6	24.164 mg/L	0.0390	24.164 mg/L	0.0390	0.16%

Sequence No.: 61
Sample ID: D0966-01B,19689
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 11
Date Collected: 8/26/05 5:15:30 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:13 AM,

Mean Data: D0966-01B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	89.3	-0.0262	mg/L	0.00042	-0.0262	mg/L	0.00042	1.62%
Al 308.215	84974.6	2.7551	mg/L	0.00498	2.7551	mg/L	0.00498	0.18%
As 188.979	10.8	0.0049	mg/L	0.00116	0.0049	mg/L	0.00116	23.79%
Ba 233.527	5967.1	0.0751	mg/L	0.00032	0.0751	mg/L	0.00032	0.43%
Be 313.107	88.6	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	20.02%
Co 228.616	231.2	0.0049	mg/L	0.00009	0.0049	mg/L	0.00009	1.87%
Cr 267.716	863.6	0.0034	mg/L	0.00000	0.0034	mg/L	0.00000	0.08%
Cu 324.752	5521.2	0.0154	mg/L	0.00035	0.0154	mg/L	0.00035	2.28%
Fe 273.955	70845.8	3.3698	mg/L	0.03184	3.3698	mg/L	0.03184	0.94%
Mg 279.077	922618.0	42.974	mg/L	0.2670	42.974	mg/L	0.2670	0.62%
Mn 257.610	146723.2	1.2770	mg/L	0.00860	1.2770	mg/L	0.00860	0.67%
Ni 231.604	506.7	0.0067	mg/L	0.00001	0.0067	mg/L	0.00001	0.10%
Pb 220.353	219.2	0.0224	mg/L	0.00050	0.0224	mg/L	0.00050	2.25%
Sb 206.836	15.5	0.0032	mg/L	0.00034	0.0032	mg/L	0.00034	10.72%
Se 196.026	-7.9	0.0012	mg/L	0.00055	0.0012	mg/L	0.00055	46.26%
Tl 190.801	-11.9	-0.0026	mg/L	0.00079	-0.0026	mg/L	0.00079	30.60%
V 292.402	1038.5	0.0051	mg/L	0.00008	0.0051	mg/L	0.00008	1.65%
Zn 206.200	2584.7	0.0217	mg/L	0.00109	0.0217	mg/L	0.00109	5.01%
Na 330.237	53133.9	37.249	mg/L	0.2625	37.249	mg/L	0.2625	0.70%
Cd 226.502	408.3	0.0016	mg/L	0.00001	0.0016	mg/L	0.00001	0.80%
Ti 334.940	53378.5	0.0886	mg/L	0.01593	0.0886	mg/L	0.01593	17.98%
Ca 227.546	90779.9	211.88	mg/L	1.835	211.88	mg/L	1.835	0.87%

Sequence No.: 62
Sample ID: D0966-02B,19689
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 12
Date Collected: 8/26/05 5:19:35 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:13 AM,

Mean Data: D0966-02B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-201.5	-0.0210	mg/L	0.00012	-0.0210	mg/L	0.00012	0.58%
Al 308.215	477487.8	15.495	mg/L	0.2294	15.495	mg/L	0.2294	1.48%
As 188.979	15.3	0.0064	mg/L	0.00215	0.0064	mg/L	0.00215	33.76%
Ba 233.527	27564.8	0.3536	mg/L	0.00363	0.3536	mg/L	0.00363	1.03%
Be 313.107	-1265.0	0.0006	mg/L	0.00001	0.0006	mg/L	0.00001	1.80%
Co 228.616	865.5	0.0179	mg/L	0.00008	0.0179	mg/L	0.00008	0.45%
Cr 267.716	4763.0	0.0210	mg/L	0.00004	0.0210	mg/L	0.00004	0.19%
Cu 324.752	6928.7	0.0199	mg/L	0.00040	0.0199	mg/L	0.00040	2.00%
Fe 273.955	256982.8	12.222	mg/L	0.1167	12.222	mg/L	0.1167	0.96%
Mg 279.077	702721.7	32.777	mg/L	0.2861	32.777	mg/L	0.2861	0.87%
Mn 257.610	357950.7	3.1198	mg/L	0.02721	3.1198	mg/L	0.02721	0.87%
Ni 231.604	1964.6	0.0257	mg/L	0.00003	0.0257	mg/L	0.00003	0.10%
Pb 220.353	-6.9	0.0071	mg/L	0.00064	0.0071	mg/L	0.00064	9.05%
Sb 206.836	30.5	0.0028	mg/L	0.00065	0.0028	mg/L	0.00065	23.16%
Se 196.026	-18.2	-0.0012	mg/L	0.00160	-0.0012	mg/L	0.00160	131.21%
Tl 190.801	-17.0	-0.0035	mg/L	0.00043	-0.0035	mg/L	0.00043	12.13%

V 292.402	8638.9	0.0406 mg/L	0.00047	0.0406 mg/L	0.00047	1.15%
Zn 206.200	5583.7	0.0502 mg/L	0.00032	0.0502 mg/L	0.00032	0.64%
Na 330.237	36454.3	25.866 mg/L	0.3716	25.866 mg/L	0.3716	1.44%
Cd 226.502	467.6	0.0015 mg/L	0.00002	0.0015 mg/L	0.00002	1.30%
Ti 334.940	393993.6	0.6036 mg/L	0.04492	0.6036 mg/L	0.04492	7.44%
Ca 227.546	76760.0	179.02 mg/L	1.871	179.02 mg/L	1.871	1.05%

Sequence No.: 63
Sample ID: D0966-03B,19689
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 13
Date Collected: 8/26/05 5:23:42 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:14 AM,

Mean Data: D0966-03B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-111.5	-0.0078	mg/L	0.00014	-0.0078	mg/L	0.00014	1.81%
Al 308.215	234937.5	7.6297	mg/L	0.12395	7.6297	mg/L	0.12395	1.62%
As 188.979	6.3	0.0028	mg/L	0.00075	0.0028	mg/L	0.00075	27.14%
Ba 233.527	12753.9	0.1636	mg/L	0.00074	0.1636	mg/L	0.00074	0.45%
Be 313.107	84.1	0.0003	mg/L	0.00001	0.0003	mg/L	0.00001	2.96%
Co 228.616	94.2	0.0016	mg/L	0.00009	0.0016	mg/L	0.00009	5.48%
Cr 267.716	1962.1	0.0093	mg/L	0.00008	0.0093	mg/L	0.00008	0.82%
Cu 324.752	3375.4	0.0112	mg/L	0.00068	0.0112	mg/L	0.00068	6.07%
Fe 273.955	143221.1	6.8122	mg/L	0.10443	6.8122	mg/L	0.10443	1.53%
Mg 279.077	186742.9	8.6985	mg/L	0.12385	8.6985	mg/L	0.12385	1.42%
Mn 257.610	9775.1	0.0886	mg/L	0.00032	0.0886	mg/L	0.00032	0.36%
Ni 231.604	487.4	0.0061	mg/L	0.00004	0.0061	mg/L	0.00004	0.58%
Pb 220.353	5.7	0.0040	mg/L	0.00026	0.0040	mg/L	0.00026	6.41%
Sb 206.836	21.9	0.0031	mg/L	0.00041	0.0031	mg/L	0.00041	13.25%
Se 196.026	-13.1	-0.0015	mg/L	0.00022	-0.0015	mg/L	0.00022	14.89%
Tl 190.801	-5.0	-0.0021	mg/L	0.00055	-0.0021	mg/L	0.00055	26.40%
V 292.402	2853.3	0.0134	mg/L	0.00035	0.0134	mg/L	0.00035	2.59%
Zn 206.200	3923.1	0.0366	mg/L	0.00052	0.0366	mg/L	0.00052	1.44%
Na 330.237	16549.6	11.713	mg/L	0.1984	11.713	mg/L	0.1984	1.69%
Cd 226.502	119.8	0.0002	mg/L	0.00003	0.0002	mg/L	0.00003	13.51%
Ti 334.940	134852.0	0.2068	mg/L	0.02031	0.2068	mg/L	0.02031	9.82%
Ca 227.546	29268.3	68.240	mg/L	0.3654	68.240	mg/L	0.3654	0.54%

Sequence No.: 64
Sample ID: D0966-03BDUP,19689
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 14
Date Collected: 8/26/05 5:27:47 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:15 AM,

Mean Data: D0966-03BDUP,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-109.7	-0.0080	mg/L	0.00006	-0.0080	mg/L	0.00006	0.77%
Al 308.215	211829.0	6.8792	mg/L	0.03204	6.8792	mg/L	0.03204	0.47%
As 188.979	4.2	0.0017	mg/L	0.00146	0.0017	mg/L	0.00146	84.72%
Ba 233.527	12456.8	0.1598	mg/L	0.00009	0.1598	mg/L	0.00009	0.06%
Be 313.107	251.4	0.0003	mg/L	0.00000	0.0003	mg/L	0.00000	0.97%
Co 228.616	94.3	0.0016	mg/L	0.00003	0.0016	mg/L	0.00003	1.76%
Cr 267.716	1809.0	0.0086	mg/L	0.00004	0.0086	mg/L	0.00004	0.49%
Cu 324.752	3124.0	0.0103	mg/L	0.00023	0.0103	mg/L	0.00023	2.20%
Fe 273.955	130554.1	6.2097	mg/L	0.00125	6.2097	mg/L	0.00125	0.02%
Mg 279.077	183093.3	8.5283	mg/L	0.00677	8.5283	mg/L	0.00677	0.08%
Mn 257.610	9590.5	0.0867	mg/L	0.00016	0.0867	mg/L	0.00016	0.19%
Ni 231.604	469.0	0.0059	mg/L	0.00021	0.0059	mg/L	0.00021	3.57%
Pb 220.353	10.1	0.0041	mg/L	0.00008	0.0041	mg/L	0.00008	1.98%
Sb 206.836	15.4	0.0017	mg/L	0.00016	0.0017	mg/L	0.00016	9.78%
Se 196.026	-14.6	-0.0024	mg/L	0.00198	-0.0024	mg/L	0.00198	83.57%
Tl 190.801	-10.9	-0.0051	mg/L	0.00009	-0.0051	mg/L	0.00009	1.71%
V 292.402	2566.3	0.0120	mg/L	0.00001	0.0120	mg/L	0.00001	0.08%
Zn 206.200	3793.5	0.0354	mg/L	0.00042	0.0354	mg/L	0.00042	1.20%
Na 330.237	16449.8	11.629	mg/L	0.0489	11.629	mg/L	0.0489	0.42%

Cd 226.502	124.9	0.0003 mg/L	0.00000	0.0003 mg/L	0.00000	1.50%
Ti 334.940	119985.4	0.1843 mg/L	0.00681	0.1843 mg/L	0.00681	3.70%
Ca 227.546	29347.5	68.432 mg/L	0.0304	68.432 mg/L	0.0304	0.04%

Sequence No.: 65
Sample ID: D0966-03BMS,19689
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 15
Date Collected: 8/26/05 5:31:53 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:16 AM,

Mean Data: D0966-03BMS,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	15773.9	0.0428	mg/L	0.00136	0.0428	mg/L	0.00136	3.17%
Al 308.215	256299.5	8.3134	mg/L	0.14119	8.3134	mg/L	0.14119	1.70%
As 188.979	86.4	0.0449	mg/L	0.00009	0.0449	mg/L	0.00009	0.20%
Ba 233.527	191274.5	2.4744	mg/L	0.05151	2.4744	mg/L	0.05151	2.08%
Be 313.107	324432.4	0.0569	mg/L	0.00112	0.0569	mg/L	0.00112	1.98%
Co 228.616	25682.2	0.5680	mg/L	0.01098	0.5680	mg/L	0.01098	1.93%
Cr 267.716	48292.2	0.2319	mg/L	0.00425	0.2319	mg/L	0.00425	1.83%
Cu 324.752	93971.8	0.2817	mg/L	0.00691	0.2817	mg/L	0.00691	2.45%
Fe 273.955	148845.3	7.0470	mg/L	0.13576	7.0470	mg/L	0.13576	1.93%
Mg 279.077	178678.6	8.3342	mg/L	0.16128	8.3342	mg/L	0.16128	1.94%
Mn 257.610	75573.0	0.6614	mg/L	0.01248	0.6614	mg/L	0.01248	1.89%
Ni 231.604	40741.7	0.5654	mg/L	0.01034	0.5654	mg/L	0.01034	1.83%
Pb 220.353	268.0	0.0261	mg/L	0.00071	0.0261	mg/L	0.00071	2.74%
Sb 206.836	426.1	0.1068	mg/L	0.00140	0.1068	mg/L	0.00140	1.31%
Se 196.026	116.0	0.0511	mg/L	0.00105	0.0511	mg/L	0.00105	2.06%
Tl 190.801	98.6	0.0507	mg/L	0.00070	0.0507	mg/L	0.00070	1.39%
V 292.402	122189.8	0.5701	mg/L	0.01149	0.5701	mg/L	0.01149	2.02%
Zn 206.200	61362.2	0.5917	mg/L	0.01256	0.5917	mg/L	0.01256	2.12%
Na 330.237	17852.2	12.618	mg/L	0.2363	12.618	mg/L	0.2363	1.87%
Cd 226.502	12398.7	0.0546	mg/L	0.00027	0.0546	mg/L	0.00027	0.50%
Ti 334.940	120149.5	0.1845	mg/L	0.01518	0.1845	mg/L	0.01518	8.23%
Ca 227.546	28909.8	67.353	mg/L	0.2754	67.353	mg/L	0.2754	0.41%

Sequence No.: 66
Sample ID: D0966-03BSD,19689
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 16
Date Collected: 8/26/05 5:36:00 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:16 AM,

Mean Data: D0966-03BSD,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	-40.5	-0.0016	mg/L	0.00019	-0.0016	mg/L	0.00019	11.79%
Al 308.215	47483.8	1.5420	mg/L	0.01055	1.5420	mg/L	0.01055	0.68%
As 188.979	2.5	0.0012	mg/L	0.00001	0.0012	mg/L	0.00001	0.93%
Ba 233.527	2570.8	0.0330	mg/L	0.00003	0.0330	mg/L	0.00003	0.08%
Be 313.107	-44.7	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	5.51%
Co 228.616	21.8	0.0004	mg/L	0.00003	0.0004	mg/L	0.00003	7.75%
Cr 267.716	408.1	0.0019	mg/L	0.00006	0.0019	mg/L	0.00006	2.97%
Cu 324.752	626.6	0.0021	mg/L	0.00014	0.0021	mg/L	0.00014	6.57%
Fe 273.955	29278.2	1.3926	mg/L	0.00048	1.3926	mg/L	0.00048	0.03%
Mg 279.077	38096.4	1.7745	mg/L	0.00870	1.7745	mg/L	0.00870	0.49%
Mn 257.610	1978.1	0.0179	mg/L	0.00008	0.0179	mg/L	0.00008	0.46%
Ni 231.604	104.7	0.0013	mg/L	0.00006	0.0013	mg/L	0.00006	4.33%
Pb 220.353	3.9	0.0010	mg/L	0.00086	0.0010	mg/L	0.00086	83.32%
Sb 206.836	2.4	0.0001	mg/L	0.00039	0.0001	mg/L	0.00039	398.71%
Se 196.026	-7.2	-0.0022	mg/L	0.00029	-0.0022	mg/L	0.00029	13.34%
Tl 190.801	-3.0	-0.0014	mg/L	0.00032	-0.0014	mg/L	0.00032	22.16%
V 292.402	558.4	0.0026	mg/L	0.00011	0.0026	mg/L	0.00011	4.16%
Zn 206.200	760.8	0.0071	mg/L	0.00013	0.0071	mg/L	0.00013	1.88%
Na 330.237	2994.5	2.1220	mg/L	0.00727	2.1220	mg/L	0.00727	0.34%
Cd 226.502	21.2	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	101.75%
Ti 334.940	27956.1	0.0429	mg/L	0.00234	0.0429	mg/L	0.00234	5.46%
Ca 227.546	5782.0	13.480	mg/L	0.0546	13.480	mg/L	0.0546	0.41%

Sequence No.: 67
Sample ID: D0966-03BPDS,19689
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 17
Date Collected: 8/26/05 5:40:07 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:17 AM,

8/29/05 RW

Mean Data: D0966-03BPDS,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	5940.7	0.0107	mg/L	0.00008	0.0107	mg/L	0.00008	0.71%
Al 308.215	239498.1	7.7764	mg/L	0.06789	7.7764	mg/L	0.06789	0.87%
As 188.979	45.5	0.0228	mg/L	0.00048	0.0228	mg/L	0.00048	2.11%
Ba 233.527	45922.0	0.5928	mg/L	0.00246	0.5928	mg/L	0.00246	0.41%
Be 313.107	59617.7	0.0106	mg/L	0.00006	0.0106	mg/L	0.00006	0.55%
Co 228.616	4838.6	0.1066	mg/L	0.00046	0.1066	mg/L	0.00046	0.43%
Cr 267.716	6333.3	0.0303	mg/L	0.00009	0.0303	mg/L	0.00009	0.30%
Cu 324.752	19747.0	0.0600	mg/L	0.00007	0.0600	mg/L	0.00007	0.12%
Fe 273.955	141160.2	6.7081	mg/L	0.02525	6.7081	mg/L	0.02525	0.38%
Mg 279.077	398938.7	18.577	mg/L	0.0623	18.577	mg/L	0.0623	0.34%
Mn 257.610	13067.4	0.1171	mg/L	0.00034	0.1171	mg/L	0.00034	0.29%
Ni 231.604	6347.2	0.0875	mg/L	0.00019	0.0875	mg/L	0.00019	0.22%
Pb 220.353	255.2	0.0246	mg/L	0.00018	0.0246	mg/L	0.00018	0.72%
Sb 206.836	474.4	0.1199	mg/L	0.00214	0.1199	mg/L	0.00214	1.79%
Se 196.026	162.5	0.0708	mg/L	0.00062	0.0708	mg/L	0.00062	0.87%
Tl 190.801	94.6	0.0490	mg/L	0.00017	0.0490	mg/L	0.00017	0.36%
V 292.402	24920.4	0.1163	mg/L	0.00070	0.1163	mg/L	0.00070	0.61%
Zn 206.200	16504.6	0.1578	mg/L	0.00016	0.1578	mg/L	0.00016	0.10%
Na 330.237	27658.3	19.496	mg/L	0.0402	19.496	mg/L	0.0402	0.21%
Cd 226.502	2467.4	0.0106	mg/L	0.00000	0.0106	mg/L	0.00000	0.02%
Ti 334.940	118136.9	0.1818	mg/L	0.01235	0.1818	mg/L	0.01235	6.80%
Ca 227.546	32899.1	76.710	mg/L	0.1318	76.710	mg/L	0.1318	0.17%

Sequence No.: 68
Sample ID: CCV
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/26/05 5:44:14 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:18 AM,

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	375241.6	1.1825	mg/L	0.00312	1.1825	mg/L	0.00312	0.26%
Al 308.215	309840.4	10.017	mg/L	0.0177	10.017	mg/L	0.0177	0.18%
As 188.979	981.4	0.5074	mg/L	0.00178	0.5074	mg/L	0.00178	0.35%
Ba 233.527	833388.1	10.787	mg/L	0.0168	10.787	mg/L	0.0168	0.16%
Be 313.107	1499428.8	0.2617	mg/L	0.00089	0.2617	mg/L	0.00089	0.34%
Co 228.616	116915.4	2.5879	mg/L	0.00811	2.5879	mg/L	0.00811	0.31%
Cr 267.716	215550.4	1.0357	mg/L	0.00012	1.0357	mg/L	0.00012	0.01%
Cu 324.752	421665.9	1.2596	mg/L	0.00019	1.2596	mg/L	0.00019	0.02%
Fe 273.955	109942.0	5.0772	mg/L	0.00704	5.0772	mg/L	0.00704	0.14%
Mg 279.077	546877.1	25.510	mg/L	0.0596	25.510	mg/L	0.0596	0.23%
Mn 257.610	293616.6	2.5579	mg/L	0.00348	2.5579	mg/L	0.00348	0.14%
Ni 231.604	183972.3	2.5557	mg/L	0.00600	2.5557	mg/L	0.00600	0.23%
Pb 220.353	6324.0	0.5227	mg/L	0.00044	0.5227	mg/L	0.00044	0.09%
Sb 206.836	1946.1	0.4971	mg/L	0.00270	0.4971	mg/L	0.00270	0.54%
Se 196.026	1224.4	0.5038	mg/L	0.00217	0.5038	mg/L	0.00217	0.43%
Tl 190.801	1016.6	0.5201	mg/L	0.00348	0.5201	mg/L	0.00348	0.67%
V 292.402	556233.8	2.5951	mg/L	0.00753	2.5951	mg/L	0.00753	0.29%
Zn 206.200	269920.1	2.6076	mg/L	0.00567	2.6076	mg/L	0.00567	0.22%
Na 330.237	35620.7	25.025	mg/L	0.0879	25.025	mg/L	0.0879	0.35%
Cd 226.502	58937.6	0.2610	mg/L	0.00051	0.2610	mg/L	0.00051	0.19%
Ti 334.940	145.6	0.0010	mg/L	0.00010	0.0010	mg/L	0.00010	9.56%
Ca 227.546	10910.2	25.190	mg/L	0.0096	25.190	mg/L	0.0096	0.04%

Sequence No.: 69

Autosampler Location: 4

Sample ID: CCB
Analyst:
Sample Wt:
Dilution:

Date Collected: 8/26/05 5:48:26 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:19 AM,

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	146.1	0.0005	mg/L	0.00000	0.0005	mg/L	0.00000	0.87%
Al 308.215	215.2	0.0070	mg/L	0.00091	0.0070	mg/L	0.00091	13.03%
As 188.979	-0.4	-0.0002	mg/L	0.00053	-0.0002	mg/L	0.00053	291.94%
Ba 233.527	72.9	0.0009	mg/L	0.00015	0.0009	mg/L	0.00015	15.39%
Be 313.107	140.5	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	56.01%
Co 228.616	8.1	0.0002	mg/L	0.00007	0.0002	mg/L	0.00007	37.59%
Cr 267.716	45.2	0.0002	mg/L	0.00005	0.0002	mg/L	0.00005	24.67%
Cu 324.752	305.2	0.0009	mg/L	0.00012	0.0009	mg/L	0.00012	12.77%
Fe 273.955	13.0	0.0006	mg/L	0.00036	0.0006	mg/L	0.00036	57.07%
Mg 279.077	-91.7	-0.0043	mg/L	0.00657	-0.0043	mg/L	0.00657	154.08%
Mn 257.610	13.3	0.0001	mg/L	0.00005	0.0001	mg/L	0.00005	43.24%
Ni 231.604	12.1	0.0002	mg/L	0.00002	0.0002	mg/L	0.00002	10.84%
Pb 220.353	-2.3	-0.0002	mg/L	0.00026	-0.0002	mg/L	0.00026	137.16%
Sb 206.836	11.6	0.0030	mg/L	0.00029	0.0030	mg/L	0.00029	9.80%
Se 196.026	-1.4	-0.0006	mg/L	0.00008	-0.0006	mg/L	0.00008	14.56%
Tl 190.801	2.6	0.0014	mg/L	0.00076	0.0014	mg/L	0.00076	56.19%
V 292.402	-21.8	-0.0001	mg/L	0.00030	-0.0001	mg/L	0.00030	296.49%
Zn 206.200	158.6	0.0015	mg/L	0.00023	0.0015	mg/L	0.00023	14.70%
Na 330.237	-100.1	-0.0701	mg/L	0.00340	-0.0701	mg/L	0.00340	4.85%
Cd 226.502	-4.2	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	55.05%
Ti 334.940	193.6	0.0003	mg/L	0.00037	0.0003	mg/L	0.00037	127.14%
Ca 227.546	-2.8	-0.0065	mg/L	0.01958	-0.0065	mg/L	0.01958	303.18%

Sequence No.: 70
Sample ID: D0966-04A,19689
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 18
Date Collected: 8/26/05 5:52:33 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:19 AM,

Mean Data: D0966-04A,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	83.2	-0.0182	mg/L	0.00021	-0.0182	mg/L	0.00021	1.16%
Al 308.215	29926.6	0.9716	mg/L	0.06570	0.9716	mg/L	0.06570	6.76%
As 188.979	3.6	0.0017	mg/L	0.00090	0.0017	mg/L	0.00090	53.51%
Ba 233.527	4987.0	0.0633	mg/L	0.00015	0.0633	mg/L	0.00015	0.24%
Be 313.107	28.1	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	7.88%
Co 228.616	155.0	0.0034	mg/L	0.00000	0.0034	mg/L	0.00000	0.06%
Cr 267.716	326.0	0.0015	mg/L	0.00016	0.0015	mg/L	0.00016	10.37%
Cu 324.752	1578.9	0.0044	mg/L	0.00024	0.0044	mg/L	0.00024	5.39%
Fe 273.955	29624.9	1.4092	mg/L	0.00007	1.4092	mg/L	0.00007	0.00%
Mg 279.077	279812.4	13.028	mg/L	0.2172	13.028	mg/L	0.2172	1.67%
Mn 257.610	10581.8	0.0921	mg/L	0.00018	0.0921	mg/L	0.00018	0.19%
Ni 231.604	897.6	0.0124	mg/L	0.00003	0.0124	mg/L	0.00003	0.27%
Pb 220.353	3.0	0.0030	mg/L	0.00006	0.0030	mg/L	0.00006	2.12%
Sb 206.836	14.3	0.0036	mg/L	0.00101	0.0036	mg/L	0.00101	27.92%
Se 196.026	-5.9	0.0006	mg/L	0.00062	0.0006	mg/L	0.00062	97.63%
Tl 190.801	-10.1	-0.0037	mg/L	0.00260	-0.0037	mg/L	0.00260	69.37%
V 292.402	339.7	0.0016	mg/L	0.00010	0.0016	mg/L	0.00010	6.25%
Zn 206.200	3496.1	0.0323	mg/L	0.00110	0.0323	mg/L	0.00110	3.42%
Na 330.237	10786.2	7.5090	mg/L	0.29614	7.5090	mg/L	0.29614	3.94%
Cd 226.502	80.1	0.0003	mg/L	0.00004	0.0003	mg/L	0.00004	14.85%
Ti 334.940	15349.7	0.0284	mg/L	0.00066	0.0284	mg/L	0.00066	2.31%
Ca 227.546	60170.0	140.45	mg/L	2.921	140.45	mg/L	2.921	2.08%

Sequence No.: 71
Sample ID: D0925-02B,19689
Analyst:
Sample Wt:

Autosampler Location: 19
Date Collected: 8/26/05 5:56:40 PM

Sample Prep Volume:

Dilution: Data Type: Reprocessed on 8/29/05 8:54:20 AM,

Mean Data: D0925-02B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-1564.0	-0.0156	mg/L	0.00003	-0.0156	mg/L	0.00003	0.20%
Al 308.215	921451.1	29.899	mg/L	0.0692	29.899	mg/L	0.0692	0.23%
As 188.979	87.8	0.0448	mg/L	0.00290	0.0448	mg/L	0.00290	6.47%
Ba 233.527	50695.1	0.6457	mg/L	0.00465	0.6457	mg/L	0.00465	0.72%
Be 313.107	1965.9	0.0014	mg/L	0.00003	0.0014	mg/L	0.00003	2.25%
Co 228.616	594.3	0.0102	mg/L	0.00014	0.0102	mg/L	0.00014	1.34%
Cr 267.716	6695.5	0.0279	mg/L	0.00012	0.0279	mg/L	0.00012	0.44%
Cu 324.752	15020.8	0.0558	mg/L	0.00029	0.0558	mg/L	0.00029	0.52%
Fe 273.955	1338247.4	63.658	mg/L	0.3753	63.658	mg/L	0.3753	0.59%
Mg 279.077	521286.2	24.427	mg/L	0.1058	24.427	mg/L	0.1058	0.43%
Mn 257.610	863328.5	7.5459	mg/L	0.03494	7.5459	mg/L	0.03494	0.46%
Ni 231.604	2194.8	0.0260	mg/L	0.00015	0.0260	mg/L	0.00015	0.57%
Pb 220.353	999.9	0.0974	mg/L	0.00009	0.0974	mg/L	0.00009	0.09%
Sb 206.836	74.8	0.0046	mg/L	0.00237	0.0046	mg/L	0.00237	52.15%
Se 196.026	-57.6	-0.0059	mg/L	0.00102	-0.0059	mg/L	0.00102	17.20%
Tl 190.801	-27.9	-0.0038	mg/L	0.00173	-0.0038	mg/L	0.00173	46.03%
V 292.402	8947.9	0.0428	mg/L	0.00024	0.0428	mg/L	0.00024	0.57%
Zn 206.200	26998.2	0.2510	mg/L	0.00138	0.2510	mg/L	0.00138	0.55%
Na 330.237	132439.0	93.512	mg/L	0.4748	93.512	mg/L	0.4748	0.51%
Cd 226.502	1062.2	0.0015	mg/L	0.00000	0.0015	mg/L	0.00000	0.29%
Ti 334.940	542136.7	0.8270	mg/L	0.01562	0.8270	mg/L	0.01562	1.89%
Ca 227.546	63954.9	148.45	mg/L	1.088	148.45	mg/L	1.088	0.73%

Sequence No.: 72
Sample ID: D0925-03B,19689
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 20
Date Collected: 8/26/05 6:00:49 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:21 AM,

Mean Data: D0925-03B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-1418.3	-0.0160	mg/L	0.00035	-0.0160	mg/L	0.00035	2.17%
Al 308.215	659350.1	21.386	mg/L	0.2761	21.386	mg/L	0.2761	1.29%
As 188.979	73.7	0.0382	mg/L	0.00114	0.0382	mg/L	0.00114	2.99%
Ba 233.527	46954.6	0.5980	mg/L	0.00231	0.5980	mg/L	0.00231	0.39%
Be 313.107	1298.6	0.0010	mg/L	0.00002	0.0010	mg/L	0.00002	2.04%
Co 228.616	448.6	0.0074	mg/L	0.00001	0.0074	mg/L	0.00001	0.15%
Cr 267.716	5077.2	0.0200	mg/L	0.00009	0.0200	mg/L	0.00009	0.44%
Cu 324.752	11025.5	0.0430	mg/L	0.00072	0.0430	mg/L	0.00072	1.68%
Fe 273.955	1248349.0	59.382	mg/L	0.6267	59.382	mg/L	0.6267	1.06%
Mg 279.077	489574.2	22.954	mg/L	0.2514	22.954	mg/L	0.2514	1.10%
Mn 257.610	903057.2	7.8890	mg/L	0.09960	7.8890	mg/L	0.09960	1.26%
Ni 231.604	1641.6	0.0189	mg/L	0.00014	0.0189	mg/L	0.00014	0.74%
Pb 220.353	743.2	0.0740	mg/L	0.00019	0.0740	mg/L	0.00019	0.25%
Sb 206.836	65.6	0.0048	mg/L	0.00019	0.0048	mg/L	0.00019	4.05%
Se 196.026	-49.7	-0.0051	mg/L	0.00118	-0.0051	mg/L	0.00118	23.35%
Tl 190.801	-33.3	-0.0059	mg/L	0.00151	-0.0059	mg/L	0.00151	25.86%
V 292.402	6597.1	0.0319	mg/L	0.00079	0.0319	mg/L	0.00079	2.48%
Zn 206.200	21763.0	0.2008	mg/L	0.00237	0.2008	mg/L	0.00237	1.18%
Na 330.237	146440.1	103.22	mg/L	1.570	103.22	mg/L	1.570	1.52%
Cd 226.502	956.9	0.0012	mg/L	0.00006	0.0012	mg/L	0.00006	4.79%
Ti 334.940	402746.6	0.6156	mg/L	0.05231	0.6156	mg/L	0.05231	8.50%
Ca 227.546	62118.7	144.22	mg/L	2.384	144.22	mg/L	2.384	1.65%

Sequence No.: 73
Sample ID: D0925-04B,19689
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 21
Date Collected: 8/26/05 6:05:00 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:22 AM,

Mean Data: D0925-04B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-2047.0	-0.0227	mg/L	0.00013	-0.0227	mg/L	0.00013	0.59%
Al 308.215	693841.3	22.493	mg/L	0.1643	22.493	mg/L	0.1643	0.73%
As 188.979	46.2	0.0250	mg/L	0.00456	0.0250	mg/L	0.00456	18.21%
Ba 233.527	63698.1	0.8109	mg/L	0.00063	0.8109	mg/L	0.00063	0.08%
Be 313.107	2408.4	0.0011	mg/L	0.00001	0.0011	mg/L	0.00001	0.67%
Co 228.616	490.0	0.0080	mg/L	0.00012	0.0080	mg/L	0.00012	1.45%
Cr 267.716	6911.7	0.0267	mg/L	0.01151	0.0267	mg/L	0.01151	43.05%
Cu 324.752	5874.5	0.0319	mg/L	0.00044	0.0319	mg/L	0.00044	1.38%
Fe 273.955	1751459.6	83.315	mg/L	0.1358	83.315	mg/L	0.1358	0.16%
Mg 279.077	495795.4	23.320	mg/L	0.0744	23.320	mg/L	0.0744	0.32%
Mn 257.610	1355608.0	11.839	mg/L	0.0186	11.839	mg/L	0.0186	0.16%
Ni 231.604	1529.8	0.0164	mg/L	0.00011	0.0164	mg/L	0.00011	0.67%
Pb 220.353	980.1	0.0968	mg/L	0.00002	0.0968	mg/L	0.00002	0.02%
Sb 206.836	75.0	0.0042	mg/L	0.00134	0.0042	mg/L	0.00134	31.99%
Se 196.026	-67.8	-0.0078	mg/L	0.00094	-0.0078	mg/L	0.00094	12.01%
Tl 190.801	-47.9	-0.0074	mg/L	0.00153	-0.0074	mg/L	0.00153	20.62%
V 292.402	6730.6	0.0331	mg/L	0.00021	0.0331	mg/L	0.00021	0.62%
Zn 206.200	20761.6	0.1874	mg/L	0.00044	0.1874	mg/L	0.00044	0.23%
Na 330.237	330508.9	232.45	mg/L	0.426	232.45	mg/L	0.426	0.18%
Cd 226.502	1355.7	0.0017	mg/L	0.00007	0.0017	mg/L	0.00007	4.00%
Ti 334.940	320698.6	0.4931	mg/L	0.01327	0.4931	mg/L	0.01327	2.69%
Ca 227.546	83159.1	193.01	mg/L	0.332	193.01	mg/L	0.332	0.17%

Sequence No.: 74
Sample ID: D0925-06B,19689
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 22
Date Collected: 8/26/05 6:09:12 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:22 AM,

Mean Data: D0925-06B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-900.7	-0.0151	mg/L	0.00016	-0.0151	mg/L	0.00016	1.05%
Al 308.215	790788.2	25.673	mg/L	0.0461	25.673	mg/L	0.0461	0.18%
As 188.979	44.8	0.0223	mg/L	0.00155	0.0223	mg/L	0.00155	6.95%
Ba 233.527	45620.2	0.5834	mg/L	0.00063	0.5834	mg/L	0.00063	0.11%
Be 313.107	2460.3	0.0013	mg/L	0.00013	0.0013	mg/L	0.00013	9.84%
Co 228.616	520.7	0.0094	mg/L	0.00016	0.0094	mg/L	0.00016	1.73%
Cr 267.716	7878.1	0.0363	mg/L	0.00011	0.0363	mg/L	0.00011	0.31%
Cu 324.752	25432.1	0.0840	mg/L	0.00012	0.0840	mg/L	0.00012	0.14%
Fe 273.955	861805.2	40.993	mg/L	0.0385	40.993	mg/L	0.0385	0.09%
Mg 279.077	524022.3	24.458	mg/L	0.0835	24.458	mg/L	0.0835	0.34%
Mn 257.610	294582.9	2.5854	mg/L	0.00734	2.5854	mg/L	0.00734	0.28%
Ni 231.604	2044.2	0.0252	mg/L	0.00004	0.0252	mg/L	0.00004	0.17%
Pb 220.353	5258.0	0.4428	mg/L	0.00040	0.4428	mg/L	0.00040	0.09%
Sb 206.836	65.8	0.0059	mg/L	0.00066	0.0059	mg/L	0.00066	11.16%
Se 196.026	-43.9	-0.0034	mg/L	0.00331	-0.0034	mg/L	0.00331	97.58%
Tl 190.801	-15.8	-0.0042	mg/L	0.00253	-0.0042	mg/L	0.00253	60.45%
V 292.402	10245.5	0.0483	mg/L	0.00008	0.0483	mg/L	0.00008	0.16%
Zn 206.200	29308.5	0.2767	mg/L	0.00118	0.2767	mg/L	0.00118	0.43%
Na 330.237	253901.0	178.72	mg/L	0.458	178.72	mg/L	0.458	0.26%
Cd 226.502	816.1	0.0016	mg/L	0.00002	0.0016	mg/L	0.00002	1.53%
Ti 334.940	452032.3	0.6903	mg/L	0.01140	0.6903	mg/L	0.01140	1.65%
Ca 227.546	62262.5	144.81	mg/L	0.188	144.81	mg/L	0.188	0.13%

Sequence No.: 75
Sample ID: D0925-07B,19689
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 23
Date Collected: 8/26/05 6:13:23 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:23 AM,

Mean Data: D0925-07B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD

Ag 328.068	-37.4	-0.0127 mg/L	0.00012	-0.0127 mg/L	0.00012	0.98%
Al 308.215	257695.2	8.3683 mg/L	0.06764	8.3683 mg/L	0.06764	0.81%
As 188.979	10.1	0.0046 mg/L	0.00277	0.0046 mg/L	0.00277	60.26%
Ba 233.527	22188.6	0.2852 mg/L	0.00184	0.2852 mg/L	0.00184	0.65%
Be 313.107	1523.1	0.0006 mg/L	0.00013	0.0006 mg/L	0.00013	20.82%
Co 228.616	176.0	0.0033 mg/L	0.00006	0.0033 mg/L	0.00006	1.97%
Cr 267.716	3731.3	0.0177 mg/L	0.00021	0.0177 mg/L	0.00021	1.18%
Cu 324.752	68366.3	0.2056 mg/L	0.00116	0.2056 mg/L	0.00116	0.56%
Fe 273.955	172237.6	8.1924 mg/L	0.04259	8.1924 mg/L	0.04259	0.52%
Mg 279.077	416353.1	19.389 mg/L	0.0990	19.389 mg/L	0.0990	0.51%
Mn 257.610	14830.5	0.1331 mg/L	0.00008	0.1331 mg/L	0.00008	0.06%
Ni 231.604	1497.6	0.0200 mg/L	0.00021	0.0200 mg/L	0.00021	1.04%
Pb 220.353	4577.6	0.3793 mg/L	0.00002	0.3793 mg/L	0.00002	0.01%
Sb 206.836	30.9	0.0050 mg/L	0.00083	0.0050 mg/L	0.00083	16.56%
Se 196.026	-6.4	0.0025 mg/L	0.00050	0.0025 mg/L	0.00050	20.27%
Tl 190.801	-12.7	-0.0057 mg/L	0.00098	-0.0057 mg/L	0.00098	17.29%
V 292.402	3458.5	0.0162 mg/L	0.00015	0.0162 mg/L	0.00015	0.89%
Zn 206.200	55932.2	0.5381 mg/L	0.00497	0.5381 mg/L	0.00497	0.92%
Na 330.237	276081.0	194.02 mg/L	1.528	194.02 mg/L	1.528	0.79%
Cd 226.502	664.9	0.0025 mg/L	0.00001	0.0025 mg/L	0.00001	0.45%
Ti 334.940	172856.8	0.2660 mg/L	0.00778	0.2660 mg/L	0.00778	2.93%
Ca 227.546	47453.7	110.67 mg/L	0.414	110.67 mg/L	0.414	0.37%

Sequence No.: 76
Sample ID: D0925-07BDUP,19689
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 24
Date Collected: 8/26/05 6:17:33 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:24 AM,

Mean Data: D0925-07BDUP,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	44.1	-0.0124	mg/L	0.00012	-0.0124	mg/L	0.00012	0.96%
Al 308.215	253521.4	8.2328	mg/L	0.06392	8.2328	mg/L	0.06392	0.78%
As 188.979	12.8	0.0060	mg/L	0.00033	0.0060	mg/L	0.00033	5.48%
Ba 233.527	22137.7	0.2845	mg/L	0.00468	0.2845	mg/L	0.00468	1.64%
Be 313.107	961.3	0.0005	mg/L	0.00001	0.0005	mg/L	0.00001	2.49%
Co 228.616	170.7	0.0032	mg/L	0.00002	0.0032	mg/L	0.00002	0.72%
Cr 267.716	3655.7	0.0174	mg/L	0.00009	0.0174	mg/L	0.00009	0.51%
Cu 324.752	68082.4	0.2047	mg/L	0.00410	0.2047	mg/L	0.00410	2.00%
Fe 273.955	169411.7	8.0580	mg/L	0.13881	8.0580	mg/L	0.13881	1.72%
Mg 279.077	416362.9	19.389	mg/L	0.3099	19.389	mg/L	0.3099	1.60%
Mn 257.610	14735.5	0.1322	mg/L	0.00017	0.1322	mg/L	0.00017	0.13%
Ni 231.604	1471.5	0.0196	mg/L	0.00008	0.0196	mg/L	0.00008	0.39%
Pb 220.353	4591.9	0.3804	mg/L	0.00073	0.3804	mg/L	0.00073	0.19%
Sb 206.836	26.0	0.0038	mg/L	0.00076	0.0038	mg/L	0.00076	19.77%
Se 196.026	-6.0	0.0026	mg/L	0.00099	0.0026	mg/L	0.00099	38.14%
Tl 190.801	-11.6	-0.0051	mg/L	0.00233	-0.0051	mg/L	0.00233	46.06%
V 292.402	3364.7	0.0158	mg/L	0.00010	0.0158	mg/L	0.00010	0.63%
Zn 206.200	55443.6	0.5334	mg/L	0.00816	0.5334	mg/L	0.00816	1.53%
Na 330.237	275323.5	193.49	mg/L	3.639	193.49	mg/L	3.639	1.88%
Cd 226.502	651.7	0.0025	mg/L	0.00003	0.0025	mg/L	0.00003	1.17%
Ti 334.940	166321.7	0.2561	mg/L	0.01150	0.2561	mg/L	0.01150	4.49%
Ca 227.546	47408.0	110.57	mg/L	2.048	110.57	mg/L	2.048	1.85%

Sequence No.: 77
Sample ID: CRI
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 8/26/05 6:21:37 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:25 AM,

Mean Data: CRI

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	3121.4	0.0095	mg/L	0.00019	0.0095	mg/L	0.00019	2.01%
Al 308.215	6685.6	0.2163	mg/L	0.00694	0.2163	mg/L	0.00694	3.21%
As 188.979	22.8	0.0116	mg/L	0.00069	0.0116	mg/L	0.00069	5.90%

Ba 233.527	17632.3	0.2282 mg/L	0.00186	0.2282 mg/L	0.00186	0.81%
Be 313.107	30073.7	0.0052 mg/L	0.00005	0.0052 mg/L	0.00005	0.88%
Co 228.616	2457.9	0.0544 mg/L	0.00019	0.0544 mg/L	0.00019	0.35%
Cr 267.716	2270.0	0.0109 mg/L	0.00001	0.0109 mg/L	0.00001	0.07%
Cu 324.752	8025.1	0.0240 mg/L	0.00013	0.0240 mg/L	0.00013	0.54%
Fe 273.955	2322.5	0.1073 mg/L	0.00196	0.1073 mg/L	0.00196	1.83%
Mg 279.077	116299.5	5.4144 mg/L	0.04231	5.4144 mg/L	0.04231	0.78%
Mn 257.610	1889.3	0.0164 mg/L	0.00018	0.0164 mg/L	0.00018	1.09%
Ni 231.604	3166.8	0.0440 mg/L	0.00050	0.0440 mg/L	0.00050	1.15%
Pb 220.353	126.3	0.0105 mg/L	0.00024	0.0105 mg/L	0.00024	2.31%
Sb 206.836	196.3	0.0506 mg/L	0.00252	0.0506 mg/L	0.00252	4.97%
Se 196.026	84.8	0.0350 mg/L	0.00138	0.0350 mg/L	0.00138	3.94%
Tl 190.801	52.4	0.0268 mg/L	0.00031	0.0268 mg/L	0.00031	1.14%
V 292.402	11480.4	0.0536 mg/L	0.00039	0.0536 mg/L	0.00039	0.74%
Zn 206.200	6946.4	0.0669 mg/L	0.00038	0.0669 mg/L	0.00038	0.57%
Na 330.237	5536.1	3.8862 mg/L	0.05391	3.8862 mg/L	0.05391	1.39%
Cd 226.502	1221.4	0.0054 mg/L	0.00000	0.0054 mg/L	0.00000	0.07%
Ti 334.940	214.7	0.0005 mg/L	0.00021	0.0005 mg/L	0.00021	41.54%
Ca 227.546	2132.3	4.9724 mg/L	0.00210	4.9724 mg/L	0.00210	0.04%

Sequence No.: 78
Sample ID: ICSA
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/26/05 6:25:46 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:25 AM,

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-4730.7	0.0095	mg/L	0.00117	0.0095	mg/L	0.00117	12.41%
Al 308.215	14561871.3	473.03	mg/L	4.600	473.03	mg/L	4.600	0.97%
As 188.979	72.3	-0.0084	mg/L	0.00239	-0.0084	mg/L	0.00239	28.34%
Ba 233.527	1983.2	-0.0065	mg/L	0.00016	-0.0065	mg/L	0.00016	2.47%
Be 313.107	-214.6	-0.0001	mg/L	0.00001	-0.0001	mg/L	0.00001	14.09%
Co 228.616	122.9	-0.0015	mg/L	0.00006	-0.0015	mg/L	0.00006	3.73%
Cr 267.716	726.8	0.0036	mg/L	0.00017	0.0036	mg/L	0.00017	4.85%
Cu 324.752	-6106.3	-0.0020	mg/L	0.00078	-0.0020	mg/L	0.00078	38.47%
Fe 273.955	3574285.1	170.03	mg/L	0.266	170.03	mg/L	0.266	0.16%
Mg 279.077	9575962.5	445.83	mg/L	3.700	445.83	mg/L	3.700	0.83%
Mn 257.610	-11593.2	0.0014	mg/L	0.00024	0.0014	mg/L	0.00024	16.67%
Ni 231.604	291.3	-0.0042	mg/L	0.00002	-0.0042	mg/L	0.00002	0.45%
Pb 220.353	-1561.7	-0.0069	mg/L	0.00336	-0.0069	mg/L	0.00336	48.85%
Sb 206.836	546.0	0.0027	mg/L	0.00339	0.0027	mg/L	0.00339	124.82%
Se 196.026	-264.7	-0.0005	mg/L	0.00101	-0.0005	mg/L	0.00101	209.08%
Tl 190.801	10.4	-0.0001	mg/L	0.00073	-0.0001	mg/L	0.00073	921.63%
V 292.402	-895.8	-0.0010	mg/L	0.00017	-0.0010	mg/L	0.00017	17.37%
Zn 206.200	2684.8	0.0076	mg/L	0.00010	0.0076	mg/L	0.00010	1.27%
Na 330.237	-9.4	-0.1892	mg/L	0.07007	-0.1892	mg/L	0.07007	37.04%
Cd 226.502	2432.9	0.0035	mg/L	0.00009	0.0035	mg/L	0.00009	2.64%
Ti 334.940	-12746.5	-0.0015	mg/L	0.00012	-0.0015	mg/L	0.00012	8.23%
Ca 227.546	209441.9	487.00	mg/L	0.070	487.00	mg/L	0.070	0.01%

Sequence No.: 79
Sample ID: ICSAB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 8/26/05 6:30:03 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:26 AM,

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	56593.3	0.2043	mg/L	0.00158	0.2043	mg/L	0.00158	0.77%
Al 308.215	15150183.5	492.13	mg/L	0.972	492.13	mg/L	0.972	0.20%
As 188.979	279.1	0.0981	mg/L	0.01718	0.0981	mg/L	0.01718	17.51%
Ba 233.527	43307.8	0.5272	mg/L	0.00715	0.5272	mg/L	0.00715	1.36%
Be 313.107	2782857.6	0.4857	mg/L	0.00136	0.4857	mg/L	0.00136	0.28%
Co 228.616	20942.2	0.4592	mg/L	0.00515	0.4592	mg/L	0.00515	1.12%

Cr 267.716	100626.3	0.4839 mg/L	0.00075	0.4839 mg/L	0.00075	0.16%
Cu 324.752	157419.2	0.4865 mg/L	0.00376	0.4865 mg/L	0.00376	0.77%
Fe 273.955	3677137.5	174.89 mg/L	0.825	174.89 mg/L	0.825	0.47%
Mg 279.077	9954682.5	463.47 mg/L	0.655	463.47 mg/L	0.655	0.14%
Mn 257.610	43730.2	0.4860 mg/L	0.00360	0.4860 mg/L	0.00360	0.74%
Ni 231.604	65340.8	0.8994 mg/L	0.01401	0.8994 mg/L	0.01401	1.56%
Pb 220.353	-966.2	0.0472 mg/L	0.00109	0.0472 mg/L	0.00109	2.31%
Sb 206.836	2793.2	0.5758 mg/L	0.01274	0.5758 mg/L	0.01274	2.21%
Se 196.026	-139.1	0.0544 mg/L	0.01046	0.0544 mg/L	0.01046	19.22%
Tl 190.801	220.5	0.1072 mg/L	0.00035	0.1072 mg/L	0.00035	0.33%
V 292.402	103728.1	0.4877 mg/L	0.00140	0.4877 mg/L	0.00140	0.29%
Zn 206.200	95416.4	0.9038 mg/L	0.00313	0.9038 mg/L	0.00313	0.35%
Na 330.237	3694.4	2.4115 mg/L	0.28715	2.4115 mg/L	0.28715	11.91%
Cd 226.502	209359.0	0.9186 mg/L	0.00188	0.9186 mg/L	0.00188	0.20%
Ti 334.940	-12398.3	-0.0005 mg/L	0.00005	-0.0005 mg/L	0.00005	8.88%
Ca 227.546	215521.9	501.08 mg/L	4.232	501.08 mg/L	4.232	0.84%

Sequence No.: 80
Sample ID: CCV
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/26/05 6:32:46 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:27 AM,

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	374994.1	1.1817	mg/L	0.00202	1.1817	mg/L	0.00202	0.17%
Al 308.215	312456.3	10.102	mg/L	0.0084	10.102	mg/L	0.0084	0.08%
As 188.979	978.5	0.5059	mg/L	0.00118	0.5059	mg/L	0.00118	0.23%
Ba 233.527	831422.5	10.761	mg/L	0.0651	10.761	mg/L	0.0651	0.60%
Be 313.107	1493304.5	0.2607	mg/L	0.00218	0.2607	mg/L	0.00218	0.84%
Co 228.616	117073.9	2.5914	mg/L	0.00612	2.5914	mg/L	0.00612	0.24%
Cr 267.716	216421.7	1.0399	mg/L	0.00109	1.0399	mg/L	0.00109	0.10%
Cu 324.752	424610.0	1.2684	mg/L	0.00047	1.2684	mg/L	0.00047	0.04%
Fe 273.955	110875.2	5.1222	mg/L	0.00047	5.1222	mg/L	0.00047	0.01%
Mg 279.077	549232.4	25.619	mg/L	0.0626	25.619	mg/L	0.0626	0.24%
Mn 257.610	294818.8	2.5683	mg/L	0.00532	2.5683	mg/L	0.00532	0.21%
Ni 231.604	184606.3	2.5645	mg/L	0.01509	2.5645	mg/L	0.01509	0.59%
Pb 220.353	6339.9	0.5240	mg/L	0.00079	0.5240	mg/L	0.00079	0.15%
Sb 206.836	1953.5	0.4990	mg/L	0.00120	0.4990	mg/L	0.00120	0.24%
Se 196.026	1232.5	0.5071	mg/L	0.00417	0.5071	mg/L	0.00417	0.82%
Tl 190.801	1015.9	0.5197	mg/L	0.00017	0.5197	mg/L	0.00017	0.03%
V 292.402	553945.9	2.5845	mg/L	0.01960	2.5845	mg/L	0.01960	0.76%
Zn 206.200	271155.1	2.6195	mg/L	0.00592	2.6195	mg/L	0.00592	0.23%
Na 330.237	35731.1	25.102	mg/L	0.0240	25.102	mg/L	0.0240	0.10%
Cd 226.502	59096.4	0.2617	mg/L	0.00043	0.2617	mg/L	0.00043	0.16%
Ti 334.940	109.4	0.0010	mg/L	0.00007	0.0010	mg/L	0.00007	7.60%
Ca 227.546	10921.1	25.215	mg/L	0.0785	25.215	mg/L	0.0785	0.31%

Sequence No.: 81
Sample ID: CCB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/26/05 6:36:58 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:28 AM,

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	140.5	0.0004	mg/L	0.00021	0.0004	mg/L	0.00021	46.93%
Al 308.215	768.4	0.0250	mg/L	0.00662	0.0250	mg/L	0.00662	26.54%
As 188.979	-2.5	-0.0013	mg/L	0.00064	-0.0013	mg/L	0.00064	50.80%
Ba 233.527	71.2	0.0009	mg/L	0.00022	0.0009	mg/L	0.00022	23.69%
Be 313.107	172.1	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	73.44%
Co 228.616	6.0	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	3.94%
Cr 267.716	61.5	0.0003	mg/L	0.00005	0.0003	mg/L	0.00005	17.44%
Cu 324.752	301.6	0.0009	mg/L	0.00037	0.0009	mg/L	0.00037	40.73%
Fe 273.955	182.4	0.0087	mg/L	0.00187	0.0087	mg/L	0.00187	21.49%

Mg 279.077	132.7	0.0062 mg/L	0.01293	0.0062 mg/L	0.01293	209.03%
Mn 257.610	24.1	0.0002 mg/L	0.00015	0.0002 mg/L	0.00015	68.71%
Ni 231.604	23.8	0.0003 mg/L	0.00018	0.0003 mg/L	0.00018	54.48%
Pb 220.353	-2.1	-0.0002 mg/L	0.00049	-0.0002 mg/L	0.00049	298.68%
Sb 206.836	9.9	0.0025 mg/L	0.00041	0.0025 mg/L	0.00041	15.92%
Se 196.026	-1.4	-0.0006 mg/L	0.00022	-0.0006 mg/L	0.00022	39.86%
Tl 190.801	2.2	0.0011 mg/L	0.00150	0.0011 mg/L	0.00150	130.48%
V 292.402	-12.2	-0.0001 mg/L	0.00024	-0.0001 mg/L	0.00024	429.59%
Zn 206.200	195.5	0.0019 mg/L	0.00035	0.0019 mg/L	0.00035	18.79%
Na 330.237	-7.7	-0.0053 mg/L	0.11309	-0.0053 mg/L	0.11309	>999.9%
Cd 226.502	1.5	0.0000 mg/L	0.00001	0.0000 mg/L	0.00001	172.43%
Ti 334.940	144.7	0.0002 mg/L	0.00007	0.0002 mg/L	0.00007	33.30%
Ca 227.546	25.7	0.0599 mg/L	0.05501	0.0599 mg/L	0.05501	91.83%

Sequence No.: 82
Sample ID: D0925-07BMS,19689
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 25
Date Collected: 8/26/05 6:41:05 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:28 AM,

Mean Data: D0925-07BMS,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	15914.8	0.0381	mg/L	0.00055	0.0381	mg/L	0.00055	1.44%
Al 308.215	305547.5	9.9126	mg/L	0.08029	9.9126	mg/L	0.08029	0.81%
As 188.979	95.9	0.0495	mg/L	0.00298	0.0495	mg/L	0.00298	6.01%
Ba 233.527	196350.9	2.5395	mg/L	0.00772	2.5395	mg/L	0.00772	0.30%
Be 313.107	323520.5	0.0568	mg/L	0.00021	0.0568	mg/L	0.00021	0.38%
Co 228.616	25497.6	0.5638	mg/L	0.00205	0.5638	mg/L	0.00205	0.36%
Cr 267.716	49443.8	0.2374	mg/L	0.00070	0.2374	mg/L	0.00070	0.29%
Cu 324.752	165287.8	0.4951	mg/L	0.00282	0.4951	mg/L	0.00282	0.57%
Fe 273.955	185161.3	8.7744	mg/L	0.03213	8.7744	mg/L	0.03213	0.37%
Mg 279.077	416358.0	19.400	mg/L	0.0611	19.400	mg/L	0.0611	0.31%
Mn 257.610	78987.5	0.6918	mg/L	0.00409	0.6918	mg/L	0.00409	0.59%
Ni 231.604	41325.4	0.5734	mg/L	0.00246	0.5734	mg/L	0.00246	0.43%
Pb 220.353	4852.1	0.4026	mg/L	0.00171	0.4026	mg/L	0.00171	0.43%
Sb 206.836	431.1	0.1075	mg/L	0.00065	0.1075	mg/L	0.00065	0.60%
Se 196.026	117.7	0.0533	mg/L	0.00060	0.0533	mg/L	0.00060	1.13%
Tl 190.801	92.9	0.0482	mg/L	0.00096	0.0482	mg/L	0.00096	1.99%
V 292.402	122544.8	0.5718	mg/L	0.00167	0.5718	mg/L	0.00167	0.29%
Zn 206.200	114456.7	1.1037	mg/L	0.00258	1.1037	mg/L	0.00258	0.23%
Na 330.237	279759.8	196.60	mg/L	0.962	196.60	mg/L	0.962	0.49%
Cd 226.502	12746.0	0.0561	mg/L	0.00023	0.0561	mg/L	0.00023	0.41%
Ti 334.940	159322.8	0.2455	mg/L	0.00510	0.2455	mg/L	0.00510	2.08%
Ca 227.546	47586.4	110.93	mg/L	0.689	110.93	mg/L	0.689	0.62%

Sequence No.: 83
Sample ID: D0925-07BSD,19689
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 26
Date Collected: 8/26/05 6:45:09 PM

Sample Prep Volume:
Data Type: Reprocessed on 8/29/05 8:54:29 AM,

Mean Data: D0925-07BSD,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	-14.7	-0.0025	mg/L	0.00011	-0.0025	mg/L	0.00011	4.54%
Al 308.215	54916.6	1.7833	mg/L	0.05536	1.7833	mg/L	0.05536	3.10%
As 188.979	1.0	0.0004	mg/L	0.00028	0.0004	mg/L	0.00028	71.97%
Ba 233.527	4696.8	0.0604	mg/L	0.00001	0.0604	mg/L	0.00001	0.02%
Be 313.107	283.9	0.0001	mg/L	0.00000	0.0001	mg/L	0.00000	2.86%
Co 228.616	44.7	0.0008	mg/L	0.00002	0.0008	mg/L	0.00002	2.18%
Cr 267.716	800.8	0.0038	mg/L	0.00001	0.0038	mg/L	0.00001	0.24%
Cu 324.752	13925.8	0.0419	mg/L	0.00026	0.0419	mg/L	0.00026	0.62%
Fe 273.955	36496.0	1.7359	mg/L	0.01385	1.7359	mg/L	0.01385	0.80%
Mg 279.077	88444.7	4.1188	mg/L	0.00940	4.1188	mg/L	0.00940	0.23%
Mn 257.610	3058.2	0.0275	mg/L	0.00003	0.0275	mg/L	0.00003	0.12%
Ni 231.604	331.8	0.0044	mg/L	0.00002	0.0044	mg/L	0.00002	0.51%

Analysis Begun

Start Time: 9/2/2005 12:17:07 PM
Logged In Analyst: optima3
Spectrometer Model: Optima 4300 DV, S/N 077N3102302
Plasma On Time: 9/2/2005 11:57:57 AM
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: M:\849-877naCLP.sif
Batch ID:
Results Data Set: B05090201
Results Library: C:\pe\Administrator\Results\Results.mdb

Method Loaded
Method Name: K CLP
IEC File:
Method Description: K CLP
Method Last Saved: 1/6/2005 10:16:44 AM
MSF File:

Sequence No.: 1
Sample ID: S0
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 1
Date Collected: 9/2/2005 12:17:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: S0

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Calib Units
K 766.490	1405.2	50.04	3.56%	[0.00]	mg/L

Sequence No.: 2
Sample ID: S1
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 2
Date Collected: 9/2/2005 12:19:43 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: S1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Calib Units
K 766.490	163579.9	1730.36	1.06%	[50]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
K 766.490	1	Lin Thru 0	0.0	3272	0.00000	1.000000	

Sequence No.: 3
Sample ID: ICV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 9
Date Collected: 9/2/2005 12:22:03 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	127628.5	39.011	mg/L	0.6155	39.011	mg/L	0.6155	1.58%

Sequence No.: 4
Sample ID: ICB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 4
Date Collected: 9/2/2005 12:24:23 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	79.9	0.0244	mg/L	0.02293	0.0244	mg/L	0.02293	93.94%

Sequence No.: 5
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/2/2005 12:26:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	11.6	0.0035	mg/L	0.01152	0.0035	mg/L	0.01152	325.62%

Sequence No.: 6
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/2/2005 12:29:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	14.7	0.0045	mg/L	0.00629	0.0045	mg/L	0.00629	139.77%

Sequence No.: 7
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/2/2005 12:31:27 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	85554.7	26.151	mg/L	0.3086	26.151	mg/L	0.3086	1.18%

Sequence No.: 8
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/2/2005 12:33:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	30.9	0.0095	mg/L	0.03666	0.0095	mg/L	0.03666	387.64%

Sequence No.: 9
Sample ID: MB-19500,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 17
Date Collected: 9/2/2005 12:36:09 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19500,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	58.1	0.0177	mg/L	0.00305	0.0177	mg/L	0.00305	17.19%

Sequence No.: 10
Sample ID: LCS-19500,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 18
Date Collected: 9/2/2005 12:38:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19500,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
K 766.490	35423.0	10.827	mg/L	0.0227	10.827	mg/L	0.0227	0.21%

Sequence No.: 11
Sample ID: D0849-01E,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 19
Date Collected: 9/2/2005 12:40:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0849-01E,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
K 766.490	5572.0	1.7032	mg/L	0.06138	1.7032	mg/L	0.06138	3.60%

Sequence No.: 12
Sample ID: D0849-02E,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 20
Date Collected: 9/2/2005 12:43:08 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0849-02E,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
K 766.490	3871.5	1.1834	mg/L	0.04493	1.1834	mg/L	0.04493	3.80%

Sequence No.: 13
Sample ID: D0849-03E,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 21
Date Collected: 9/2/2005 12:45:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0849-03E,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
K 766.490	10268.3	3.1386	mg/L	0.01031	3.1386	mg/L	0.01031	0.33%

Sequence No.: 14
Sample ID: D0849-03EDUP,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 22
Date Collected: 9/2/2005 12:47:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0849-03EDUP,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
K 766.490	11667.6	3.5663	mg/L	0.03129	3.5663	mg/L	0.03129	0.88%

Sequence No.: 15
Sample ID: D0849-03ESD,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 23
Date Collected: 9/2/2005 12:50:09 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0849-03ESD,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	2079.5	0.6356	mg/L	0.00672	0.6356	mg/L	0.00672	1.06%

Sequence No.: 16
Sample ID: D0849-04E,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 24
Date Collected: 9/2/2005 12:52:30 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0849-04E,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	3806.3	1.1634	mg/L	0.00778	1.1634	mg/L	0.00778	0.67%

Sequence No.: 17
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/2/2005 12:54:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	86946.5	26.576	mg/L	0.1380	26.576	mg/L	0.1380	0.52%

Sequence No.: 18
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/2/2005 12:57:12 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	-0.3	-0.0001	mg/L	0.00333	-0.0001	mg/L	0.00333	>999.9%

Sequence No.: 19
Sample ID: D0849-05E,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 25
Date Collected: 9/2/2005 12:59:33 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0849-05E,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	4586.6	1.4019	mg/L	0.00635	1.4019	mg/L	0.00635	0.45%

Sequence No.: 20
Sample ID: D0849-06E,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 26
Date Collected: 9/2/2005 1:01:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0849-06E,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	4582.8	1.4008	mg/L	0.01154	1.4008	mg/L	0.01154	0.82%

Sequence No.: 21
Sample ID: D0849-07E,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 27
Date Collected: 9/2/2005 1:04:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0849-07E,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	4247.6	1.2983	mg/L	0.04763	1.2983	mg/L	0.04763	3.67%

Sequence No.: 22
Sample ID: D0873-01B,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 28
Date Collected: 9/2/2005 1:06:37 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0873-01B,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	12982.1	3.9681	mg/L	0.06204	3.9681	mg/L	0.06204	1.56%

Sequence No.: 23
Sample ID: D0873-02A,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 29
Date Collected: 9/2/2005 1:08:56 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0873-02A,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	17744.7	5.4239	mg/L	0.04608	5.4239	mg/L	0.04608	0.85%

Sequence No.: 24
Sample ID: MB-19499,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 30
Date Collected: 9/2/2005 1:11:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19499,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	66.6	0.0204	mg/L	0.00705	0.0204	mg/L	0.00705	34.62%

Sequence No.: 25
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/2/2005 1:13:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	104.8	0.0320	mg/L	0.01914	0.0320	mg/L	0.01914	59.76%

Sequence No.: 26
Sample ID: ICSAB
Analyst:
Initial Sample Wt:

Autosampler Location: 6
Date Collected: 9/2/2005 1:15:56 PM
Data Type: Original
Initial Sample Vol:

Dilution: Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	167.2	0.0511	mg/L	0.04179	0.0511	mg/L	0.04179	81.78%

Sequence No.: 27
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 3
Date Collected: 9/2/2005 1:18:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	88387.3	27.017	mg/L	0.4292	27.017	mg/L	0.4292	1.59%

Sequence No.: 28
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 4
Date Collected: 9/2/2005 1:20:36 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	110.2	0.0337	mg/L	0.01273	0.0337	mg/L	0.01273	37.80%

Sequence No.: 29
Sample ID: LCS-19499,19499
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 31
Date Collected: 9/2/2005 1:22:57 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19499,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	85120.4	26.018	mg/L	0.2731	26.018	mg/L	0.2731	1.05%

Sequence No.: 30
Sample ID: D0877-01B,19499
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 32
Date Collected: 9/2/2005 1:25:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0877-01B,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	12490.5	3.8178	mg/L	0.09110	3.8178	mg/L	0.09110	2.39%

Sequence No.: 31
Sample ID: D0877-01BDUP,19499
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 33
Date Collected: 9/2/2005 1:27:38 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0877-01BDUP,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD

K 766.490	12239.3	3.7411 mg/L	0.03874	3.7411 mg/L	0.03874	1.04%

Sequence No.: 32
Sample ID: D0877-01BSD,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 34
Date Collected: 9/2/2005 1:29:59 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0877-01BSD,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	2713.6	0.8294	mg/L	0.02075	0.8294	mg/L	0.02075	2.50%

Sequence No.: 33
Sample ID: D0877-02B,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 35
Date Collected: 9/2/2005 1:32:20 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0877-02B,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	12532.4	3.8307	mg/L	0.01383	3.8307	mg/L	0.01383	0.36%

Sequence No.: 34
Sample ID: D0877-03B,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 36
Date Collected: 9/2/2005 1:34:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0877-03B,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	12547.7	3.8353	mg/L	0.00591	3.8353	mg/L	0.00591	0.15%

Sequence No.: 35
Sample ID: D0877-04B,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 37
Date Collected: 9/2/2005 1:37:03 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0877-04B,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	11584.0	3.5408	mg/L	0.03956	3.5408	mg/L	0.03956	1.12%

Sequence No.: 36
Sample ID: D0877-06B,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 38
Date Collected: 9/2/2005 1:39:25 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0877-06B,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	3270.6	0.9997	mg/L	0.04299	0.9997	mg/L	0.04299	4.30%

Sequence No.: 37
Sample ID: CCV
Analyst:

Autosampler Location: 3
Date Collected: 9/2/2005 1:41:45 PM
Data Type: Original

Initial Sample Wt:
Dilution:
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	89344.1	27.309	mg/L	0.0989	27.309	mg/L	0.0989	0.36%

Sequence No.: 38
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 4
Date Collected: 9/2/2005 1:44:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	196.0	0.0599	mg/L	0.04876	0.0599	mg/L	0.04876	81.38%

Sequence No.: 39
Sample ID: D0877-07B,19499
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 39
Date Collected: 9/2/2005 1:46:27 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0877-07B,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	32123.8	9.8190	mg/L	0.04891	9.8190	mg/L	0.04891	0.50%

Sequence No.: 40
Sample ID: D0877-08B,19499
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 40
Date Collected: 9/2/2005 1:48:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0877-08B,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	34022.0	10.399	mg/L	0.0147	10.399	mg/L	0.0147	0.14%

Sequence No.: 41
Sample ID: D0874-01D,19499
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 41
Date Collected: 9/2/2005 1:51:08 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-01D,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	15855.0	4.8463	mg/L	0.02082	4.8463	mg/L	0.02082	0.43%

Sequence No.: 42
Sample ID: D0874-03D,19499
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 42
Date Collected: 9/2/2005 1:53:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-03D,19499

Mean Corrected	Calib	Sample

Analyte	Intensity	Conc. Units	Std.Dev.	Conc. Units	Std.Dev.	RSD
K 766.490	11982.1	3.6625 mg/L	0.02636	3.6625 mg/L	0.02636	0.72%

Sequence No.: 43
Sample ID: D0874-04D,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 43
Date Collected: 9/2/2005 1:55:49 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-04D,19499

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
K 766.490	4414.5	1.3493 mg/L	0.01775	1.3493 mg/L	0.01775	1.32%

Sequence No.: 44
Sample ID: D0874-06D,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 44
Date Collected: 9/2/2005 1:58:09 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-06D,19499

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
K 766.490	12209.3	3.7319 mg/L	0.02576	3.7319 mg/L	0.02576	0.69%

Sequence No.: 45
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/2/2005 2:00:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
K 766.490	363.0	0.1109 mg/L	0.03455	0.1109 mg/L	0.03455	31.14%

Sequence No.: 46
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/2/2005 2:02:51 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
K 766.490	363.5	0.1111 mg/L	0.03729	0.1111 mg/L	0.03729	33.56%

Sequence No.: 47
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/2/2005 2:05:09 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
K 766.490	88659.2	27.100 mg/L	0.1882	27.100 mg/L	0.1882	0.69%

Sequence No.: 48
Sample ID: CCB

Autosampler Location: 4
Date Collected: 9/2/2005 2:07:30 PM

Analyst:
Initial Sample Wt:
Dilution:

Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	212.3	0.0649	mg/L	0.00298	0.0649	mg/L	0.00298	4.59%

Sequence No.: 49
Sample ID: D0874-08D,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 45
Date Collected: 9/2/2005 2:09:51 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-08D,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	11816.7	3.6119	mg/L	0.03364	3.6119	mg/L	0.03364	0.93%

Sequence No.: 50
Sample ID: D0874-09D,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 46
Date Collected: 9/2/2005 2:12:12 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-09D,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	14546.2	4.4462	mg/L	0.01075	4.4462	mg/L	0.01075	0.24%

Sequence No.: 51
Sample ID: D0874-10D,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 47
Date Collected: 9/2/2005 2:14:33 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-10D,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	35365.2	10.810	mg/L	0.0229	10.810	mg/L	0.0229	0.21%

Sequence No.: 52
Sample ID: D0874-11D,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 48
Date Collected: 9/2/2005 2:16:54 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-11D,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	34305.0	10.486	mg/L	0.0606	10.486	mg/L	0.0606	0.58%

Sequence No.: 53
Sample ID: D0874-12D,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 49
Date Collected: 9/2/2005 2:19:16 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-12D,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	11957.8	3.6550	mg/L	0.04829	3.6550	mg/L	0.04829	1.32%

Sequence No.: 54
Sample ID: D0874-14D,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 50
Date Collected: 9/2/2005 2:21:38 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-14D,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	54352.2	16.613	mg/L	0.2212	16.613	mg/L	0.2212	1.33%

Sequence No.: 55
Sample ID: D0874-14DDUP,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 51
Date Collected: 9/2/2005 2:23:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-14DDUP,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	54711.0	16.723	mg/L	0.2829	16.723	mg/L	0.2829	1.69%

Sequence No.: 56
Sample ID: D0874-14DSD,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 52
Date Collected: 9/2/2005 2:26:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-14DSD,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	11134.0	3.4032	mg/L	0.00943	3.4032	mg/L	0.00943	0.28%

Sequence No.: 57
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/2/2005 2:28:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	89862.5	27.467	mg/L	0.2113	27.467	mg/L	0.2113	0.77%

Sequence No.: 58
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/2/2005 2:31:03 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	111.7	0.0342	mg/L	0.00084	0.0342	mg/L	0.00084	2.47%

Sequence No.: 59

Autosampler Location: 53

Sample ID: D0874-15D,19499
Analyst:
Initial Sample Wt:
Dilution:

Date Collected: 9/2/2005 2:33:24 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-15D,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	11724.5	3.5837	mg/L	0.00714	3.5837	mg/L	0.00714	0.20%

Sequence No.: 60
Sample ID: D0874-16D,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 54
Date Collected: 9/2/2005 2:35:45 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-16D,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	22382.5	6.8415	mg/L	0.02325	6.8415	mg/L	0.02325	0.34%

Sequence No.: 61
Sample ID: D0874-17D,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 55
Date Collected: 9/2/2005 2:38:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-17D,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	52798.2	16.138	mg/L	0.0072	16.138	mg/L	0.0072	0.04%

Sequence No.: 62
Sample ID: MB-19689,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 56
Date Collected: 9/2/2005 2:40:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19689,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	56.2	0.0172	mg/L	0.01270	0.0172	mg/L	0.01270	73.94%

Sequence No.: 63
Sample ID: LCS-19689,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 57
Date Collected: 9/2/2005 2:42:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19689,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	86969.9	26.583	mg/L	0.2832	26.583	mg/L	0.2832	1.07%

Sequence No.: 64
Sample ID: D0925-02B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 58
Date Collected: 9/2/2005 2:45:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-02B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	17891.8	5.4688	mg/L	0.01292	5.4688	mg/L	0.01292	0.24%

Sequence No.: 65
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/2/2005 2:47:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	631.4	0.1930	mg/L	0.00815	0.1930	mg/L	0.00815	4.22%

Sequence No.: 66
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/2/2005 2:49:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	518.9	0.1586	mg/L	0.01799	0.1586	mg/L	0.01799	11.34%

Sequence No.: 67
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/2/2005 2:52:08 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	88207.0	26.961	mg/L	0.2903	26.961	mg/L	0.2903	1.08%

Sequence No.: 68
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/2/2005 2:54:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	271.5	0.0830	mg/L	0.00032	0.0830	mg/L	0.00032	0.39%

Sequence No.: 69
Sample ID: D0925-03B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 59
Date Collected: 9/2/2005 2:56:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-03B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	15913.6	4.8642	mg/L	0.01983	4.8642	mg/L	0.01983	0.41%

Sequence No.: 70
Sample ID: D0925-04B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 60
Date Collected: 9/2/2005 2:59:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-04B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	18326.1	5.6016	mg/L	0.02386	5.6016	mg/L	0.02386	0.43%

Sequence No.: 71
Sample ID: D0925-06B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 61
Date Collected: 9/2/2005 3:01:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-06B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	25050.4	7.6569	mg/L	0.06878	7.6569	mg/L	0.06878	0.90%

Sequence No.: 72
Sample ID: D0925-07B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 62
Date Collected: 9/2/2005 3:03:56 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-07B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	23363.1	7.1412	mg/L	0.05813	7.1412	mg/L	0.05813	0.81%

Sequence No.: 73
Sample ID: D0925-07BDUP,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 63
Date Collected: 9/2/2005 3:06:16 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-07BDUP,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	23101.0	7.0611	mg/L	0.06562	7.0611	mg/L	0.06562	0.93%

Sequence No.: 74
Sample ID: D0925-07BSD,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 64
Date Collected: 9/2/2005 3:08:37 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-07BSD,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	4828.7	1.4759	mg/L	0.01312	1.4759	mg/L	0.01312	0.89%

Sequence No.: 75
Sample ID: D0925-08B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 65
Date Collected: 9/2/2005 3:10:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-08B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	22813.0	6.9731	mg/L	0.01602	6.9731	mg/L	0.01602	0.23%

Sequence No.: 76
Sample ID: D0925-09B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 66
Date Collected: 9/2/2005 3:13:19 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-09B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	73165.2	22.364	mg/L	0.3280	22.364	mg/L	0.3280	1.47%

Sequence No.: 77
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/2/2005 3:15:40 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	89077.2	27.227	mg/L	0.0452	27.227	mg/L	0.0452	0.17%

Sequence No.: 78
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/2/2005 3:18:01 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	473.2	0.1447	mg/L	0.00226	0.1447	mg/L	0.00226	1.57%

Sequence No.: 79
Sample ID: D0925-10B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 67
Date Collected: 9/2/2005 3:20:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-10B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	29807.7	9.1110	mg/L	0.05756	9.1110	mg/L	0.05756	0.63%

Sequence No.: 80
Sample ID: D0925-11B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 68
Date Collected: 9/2/2005 3:22:43 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-11B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	29875.4	9.1317	mg/L	0.30319	9.1317	mg/L	0.30319	3.32%

Sequence No.: 81
Sample ID: D0925-12B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 69
Date Collected: 9/2/2005 3:25:04 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-12B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	7611.3	2.3265	mg/L	0.00034	2.3265	mg/L	0.00034	0.01%

Sequence No.: 82
Sample ID: D0925-13B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 70
Date Collected: 9/2/2005 3:27:25 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-13B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	9033.4	2.7611	mg/L	0.05571	2.7611	mg/L	0.05571	2.02%

Sequence No.: 83
Sample ID: D0925-15B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 71
Date Collected: 9/2/2005 3:29:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-15B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	121030.9	36.994	mg/L	0.1826	36.994	mg/L	0.1826	0.49%

Sequence No.: 84
Sample ID: D0925-16B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 72
Date Collected: 9/2/2005 3:32:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-16B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	75703.2	23.140	mg/L	0.2505	23.140	mg/L	0.2505	1.08%

Sequence No.: 85
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/2/2005 3:34:30 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	1150.3	0.3516	mg/L	0.01296	0.3516	mg/L	0.01296	3.68%

Sequence No.: 86
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/2/2005 3:36:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	578.3	0.1768	mg/L	0.00031	0.1768	mg/L	0.00031	0.18%

Sequence No.: 87
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/2/2005 3:39:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	89444.6	27.340	mg/L	0.2664	27.340	mg/L	0.2664	0.97%

Sequence No.: 88
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/2/2005 3:41:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	215.7	0.0659	mg/L	0.06005	0.0659	mg/L	0.06005	91.09%

Sequence No.: 89
Sample ID: D0925-17B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 73
Date Collected: 9/2/2005 3:43:53 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-17B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	20.9	0.0064	mg/L	0.00579	0.0064	mg/L	0.00579	90.65%

Sequence No.: 90
Sample ID: D0966-01B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 74
Date Collected: 9/2/2005 3:46:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0966-01B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	8286.2	2.5328	mg/L	0.07349	2.5328	mg/L	0.07349	2.90%

Sequence No.: 91
Sample ID: D0966-02B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 75
Date Collected: 9/2/2005 3:48:36 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0966-02B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	141611.4	43.285	mg/L	0.3781	43.285	mg/L	0.3781	0.87%

Sequence No.: 92
Sample ID: D0966-03B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 76
Date Collected: 9/2/2005 3:50:59 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0966-03B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
K 766.490	12861.3	3.9312	mg/L	0.02943	3.9312	mg/L	0.02943	0.75%

Sequence No.: 93
Sample ID: D0966-03BDUP,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 77
Date Collected: 9/2/2005 3:53:19 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0966-03BDUP,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
K 766.490	11547.3	3.5296	mg/L	0.00644	3.5296	mg/L	0.00644	0.18%

Sequence No.: 94
Sample ID: D0966-03BSD,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 78
Date Collected: 9/2/2005 3:55:40 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0966-03BSD,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
K 766.490	2860.9	0.8745	mg/L	0.01730	0.8745	mg/L	0.01730	1.98%

Sequence No.: 95
Sample ID: D0966-04A,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 79
Date Collected: 9/2/2005 3:58:01 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0966-04A,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
K 766.490	6395.8	1.9549	mg/L	0.04738	1.9549	mg/L	0.04738	2.42%

Sequence No.: 96
Sample ID: MB-19669,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 80
Date Collected: 9/2/2005 4:00:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19669,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
K 766.490	524.7	0.1604	mg/L	0.01591	0.1604	mg/L	0.01591	9.92%

Sequence No.: 97
Sample ID: CCV
Analyst:
Initial Sample Wt:

Autosampler Location: 3
Date Collected: 9/2/2005 4:02:43 PM
Data Type: Original
Initial Sample Vol:

Dilution: Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	88364.9	27.010	mg/L	0.0561	27.010	mg/L	0.0561	0.21%

Sequence No.: 98
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/2/2005 4:05:04 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	343.0	0.1049	mg/L	0.01523	0.1049	mg/L	0.01523	14.53%

Sequence No.: 99
Sample ID: LCS-19669,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 81
Date Collected: 9/2/2005 4:07:25 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19669,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	81747.6	24.987	mg/L	0.2221	24.987	mg/L	0.2221	0.89%

Sequence No.: 100
Sample ID: D0926-01B,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 82
Date Collected: 9/2/2005 4:09:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-01B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	35900.3	10.973	mg/L	0.0396	10.973	mg/L	0.0396	0.36%

Sequence No.: 101
Sample ID: D0926-02B,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 83
Date Collected: 9/2/2005 4:12:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-02B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	38423.2	11.744	mg/L	0.0143	11.744	mg/L	0.0143	0.12%

Sequence No.: 102
Sample ID: D0926-03B,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 84
Date Collected: 9/2/2005 4:14:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-03B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD

K 766.490	31447.1	9.6122 mg/L	0.20434	9.6122 mg/L	0.20434	2.13%

Sequence No.: 103
Sample ID: D0926-04B,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 85
Date Collected: 9/2/2005 4:16:51 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-04B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	47171.2	14.418	mg/L	0.2101	14.418	mg/L	0.2101	1.46%

Sequence No.: 104
Sample ID: D0926-05B,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 86
Date Collected: 9/2/2005 4:19:13 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-05B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	39322.5	12.019	mg/L	0.1171	12.019	mg/L	0.1171	0.97%

Sequence No.: 105
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/2/2005 4:21:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	605.4	0.1850	mg/L	0.01056	0.1850	mg/L	0.01056	5.71%

Sequence No.: 106
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/2/2005 4:23:57 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	426.9	0.1305	mg/L	0.01906	0.1305	mg/L	0.01906	14.60%

Sequence No.: 107
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/2/2005 4:26:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	86993.3	26.590	mg/L	0.2074	26.590	mg/L	0.2074	0.78%

Sequence No.: 108
Sample ID: CCB
Analyst:

Autosampler Location: 4
Date Collected: 9/2/2005 4:28:36 PM
Data Type: Original

Initial Sample Wt:
Dilution:
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	170.0	0.0520	mg/L	0.05256	0.0520	mg/L	0.05256	101.18%

Sequence No.: 109
Sample ID: D0926-06B,19669
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 87
Date Collected: 9/2/2005 4:30:57 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-06B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	49176.3	15.031	mg/L	0.2055	15.031	mg/L	0.2055	1.37%

Sequence No.: 110
Sample ID: D0926-07B,19669
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 88
Date Collected: 9/2/2005 4:33:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-07B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	58498.3	17.881	mg/L	0.2224	17.881	mg/L	0.2224	1.24%

Sequence No.: 111
Sample ID: D0926-07BDUP,19669
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 89
Date Collected: 9/2/2005 4:35:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-07BDUP,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	68380.3	20.901	mg/L	0.1738	20.901	mg/L	0.1738	0.83%

Sequence No.: 112
Sample ID: D0926-07BSD,19669
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 90
Date Collected: 9/2/2005 4:38:01 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-07BSD,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	12003.2	3.6689	mg/L	0.11428	3.6689	mg/L	0.11428	3.11%

Sequence No.: 113
Sample ID: D0926-08B,19669
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 91
Date Collected: 9/2/2005 4:40:23 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-08B,19669

Analyte	Mean Corrected	Calib			Sample			

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
K 766.490	22248.4	6.8005	mg/L	0.01754	6.8005	mg/L	0.01754	0.26%

Sequence No.: 114
Sample ID: D0926-09B,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 92
Date Collected: 9/2/2005 4:42:45 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-09B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	49255.2	15.055	mg/L	0.0125	15.055	mg/L	0.0125	0.08%

Sequence No.: 115
Sample ID: D0926-10B,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 93
Date Collected: 9/2/2005 4:45:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-10B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	44187.4	13.506	mg/L	0.0356	13.506	mg/L	0.0356	0.26%

Sequence No.: 116
Sample ID: D0926-11B,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 94
Date Collected: 9/2/2005 4:47:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-11B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	35531.3	10.861	mg/L	0.1247	10.861	mg/L	0.1247	1.15%

Sequence No.: 117
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/2/2005 4:49:51 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	86792.2	26.529	mg/L	0.0840	26.529	mg/L	0.0840	0.32%

Sequence No.: 118
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/2/2005 4:52:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	103.9	0.0317	mg/L	0.04780	0.0317	mg/L	0.04780	150.58%

Sequence No.: 119
Sample ID: D0926-12B,19669

Autosampler Location: 95
Date Collected: 9/2/2005 4:54:32 PM

Analyst:
Initial Sample Wt:
Dilution:

Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-12B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	44051.0	13.465	mg/L	0.3429	13.465	mg/L	0.3429	2.55%

==========

Sequence No.: 120
Sample ID: D0926-13B,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 96
Date Collected: 9/2/2005 4:56:55 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-13B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	14944.4	4.5679	mg/L	0.00986	4.5679	mg/L	0.00986	0.22%

==========

Sequence No.: 121
Sample ID: D0926-14B,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 97
Date Collected: 9/2/2005 4:59:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-14B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	3007.2	0.9192	mg/L	0.01638	0.9192	mg/L	0.01638	1.78%

==========

Sequence No.: 122
Sample ID: D0926-15B,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 98
Date Collected: 9/2/2005 5:01:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-15B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	71919.1	21.983	mg/L	0.0597	21.983	mg/L	0.0597	0.27%

==========

Sequence No.: 123
Sample ID: D0926-16B,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 99
Date Collected: 9/2/2005 5:04:01 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-16B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	65680.5	20.076	mg/L	0.1062	20.076	mg/L	0.1062	0.53%

==========

Sequence No.: 124
Sample ID: D0926-17B,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 100
Date Collected: 9/2/2005 5:06:23 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-17B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	52546.9	16.062	mg/L	0.0724	16.062	mg/L	0.0724	0.45%

Sequence No.: 125
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/2/2005 5:08:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	296.7	0.0907	mg/L	0.00213	0.0907	mg/L	0.00213	2.35%

Sequence No.: 126
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/2/2005 5:11:08 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	543.3	0.1661	mg/L	0.00115	0.1661	mg/L	0.00115	0.69%

Sequence No.: 127
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/2/2005 5:13:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	85793.3	26.224	mg/L	0.1427	26.224	mg/L	0.1427	0.54%

Sequence No.: 128
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/2/2005 5:15:47 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	200.7	0.0613	mg/L	0.03658	0.0613	mg/L	0.03658	59.63%

Sequence No.: 129
Sample ID: D0926-18B,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 101
Date Collected: 9/2/2005 5:18:08 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-18B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	44529.4	13.611	mg/L	0.1893	13.611	mg/L	0.1893	1.39%

Sequence No.: 130

Autosampler Location: 102

Sample ID: D0926-19B,19669
Analyst:
Initial Sample Wt:
Dilution:

Date Collected: 9/2/2005 5:20:31 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-19B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	61839.1	18.902	mg/L	0.0161	18.902	mg/L	0.0161	0.09%

Sequence No.: 131
Sample ID: D0926-19BDUP,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 103
Date Collected: 9/2/2005 5:22:54 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-19BDUP,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	63526.4	19.418	mg/L	0.1020	19.418	mg/L	0.1020	0.53%

Sequence No.: 132
Sample ID: D0926-19BSD,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 104
Date Collected: 9/2/2005 5:25:16 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-19BSD,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	12804.5	3.9138	mg/L	0.03315	3.9138	mg/L	0.03315	0.85%

Sequence No.: 133
Sample ID: MB-19600,19600
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 105
Date Collected: 9/2/2005 5:27:38 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19600,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	23.7	0.0072	mg/L	0.02032	0.0072	mg/L	0.02032	280.79%

Sequence No.: 134
Sample ID: LCS-19600,19600
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 106
Date Collected: 9/2/2005 5:30:00 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19600,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	87922.0	26.874	mg/L	0.1260	26.874	mg/L	0.1260	0.47%

Sequence No.: 135
Sample ID: D0898-02C,19600
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 107
Date Collected: 9/2/2005 5:32:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0898-02C,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	214.1	0.0654	mg/L	0.03502	0.0654	mg/L	0.03502	53.52%

Sequence No.: 136
Sample ID: D0898-03C,19600
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 108
Date Collected: 9/2/2005 5:34:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0898-03C,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	9849.3	3.0105	mg/L	0.00816	3.0105	mg/L	0.00816	0.27%

Sequence No.: 137
Sample ID: D0898-09C,19600
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 109
Date Collected: 9/2/2005 5:37:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0898-09C,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	-15.7	-0.0048	mg/L	0.03318	-0.0048	mg/L	0.03318	690.33%

Sequence No.: 138
Sample ID: D0898-10C,19600
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 110
Date Collected: 9/2/2005 5:39:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0898-10C,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	6468.1	1.9770	mg/L	0.06668	1.9770	mg/L	0.06668	3.37%

Sequence No.: 139
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/2/2005 5:41:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	84904.3	25.952	mg/L	0.1838	25.952	mg/L	0.1838	0.71%

Sequence No.: 140
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/2/2005 5:44:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	184.3	0.0563	mg/L	0.01498	0.0563	mg/L	0.01498	26.58%

Sequence No.: 141
Sample ID: D0898-11C,19600
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 111
Date Collected: 9/2/2005 5:46:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0898-11C,19600

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
K 766.490	11294.7	3.4524	mg/L	0.03740	3.4524	mg/L	0.03740	1.08%

Sequence No.: 142
Sample ID: D0898-12C,19600
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 112
Date Collected: 9/2/2005 5:48:55 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0898-12C,19600

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
K 766.490	6502.0	1.9874	mg/L	0.00240	1.9874	mg/L	0.00240	0.12%

User canceled analysis.

Analysis Begun

Start Time: 9/2/2005 5:51:01 PM
Logged In Analyst: optima3
Spectrometer Model: Optima 4300 DV, S/N 077N3102302
Plasma On Time: 9/2/2005 11:57:57 AM
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\naCLP.sif
Batch ID:
Results Data Set: B05090201
Results Library: C:\pe\Administrator\Results\Results.mdb

Sequence No.: 1
Sample ID: D0898-14C,19600
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 113
Date Collected: 9/2/2005 5:51:01 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0898-14C,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	154.8	0.0473	mg/L	0.03109	0.0473	mg/L	0.03109	65.71%

Sequence No.: 2
Sample ID: D0898-15C,19600
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 114
Date Collected: 9/2/2005 5:53:24 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0898-15C,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	7670.5	2.3446	mg/L	0.00570	2.3446	mg/L	0.00570	0.24%

Sequence No.: 3
Sample ID: D0898-15CDUP,19600
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 115
Date Collected: 9/2/2005 5:55:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0898-15CDUP,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	7734.4	2.3641	mg/L	0.00320	2.3641	mg/L	0.00320	0.14%

Sequence No.: 4
Sample ID: D0898-15CSD,19600
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 116
Date Collected: 9/2/2005 5:58:08 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0898-15CSD,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	1696.6	0.5186	mg/L	0.00874	0.5186	mg/L	0.00874	1.68%

Sequence No.: 5
Sample ID: D0898-16C,19600
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 117
Date Collected: 9/2/2005 6:00:30 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0898-16C,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	10775.5	3.2936	mg/L	0.02397	3.2936	mg/L	0.02397	0.73%

Sequence No.: 6
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/2/2005 6:02:53 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	1664.9	0.5089	mg/L	0.03183	0.5089	mg/L	0.03183	6.25%

Sequence No.: 7
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/2/2005 6:05:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	690.5	0.2111	mg/L	0.02430	0.2111	mg/L	0.02430	11.51%

Sequence No.: 8
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/2/2005 6:07:33 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	84681.1	25.884	mg/L	0.3029	25.884	mg/L	0.3029	1.17%

Sequence No.: 9
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/2/2005 6:09:59 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	311.3	0.0951	mg/L	0.02780	0.0951	mg/L	0.02780	29.22%

Sequence No.: 10
Sample ID: D0926-20B,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 118
Date Collected: 9/2/2005 6:12:20 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-20B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	41715.4	12.751	mg/L	0.0479	12.751	mg/L	0.0479	0.38%

Sequence No.: 11
Sample ID: MB-19712,19712
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 119
Date Collected: 9/2/2005 6:14:43 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19712,19712

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	123.1	0.0376	mg/L	0.02563	0.0376	mg/L	0.02563	68.13%

Sequence No.: 12
Sample ID: LCS-19712,19712
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 120
Date Collected: 9/2/2005 6:17:05 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19712,19712

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	40422.3	12.356	mg/L	0.1115	12.356	mg/L	0.1115	0.90%

Sequence No.: 13
Sample ID: D1012-01A,19712
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 121
Date Collected: 9/2/2005 6:19:27 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1012-01A,19712

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	20938.1	6.4000	mg/L	0.05944	6.4000	mg/L	0.05944	0.93%

Sequence No.: 14
Sample ID: D1012-01ADUP,19712
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 122
Date Collected: 9/2/2005 6:21:49 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1012-01ADUP,19712

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	20359.2	6.2230	mg/L	0.03593	6.2230	mg/L	0.03593	0.58%

Sequence No.: 15
Sample ID: D1012-01ASD,19712
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 123
Date Collected: 9/2/2005 6:24:12 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1012-01ASD,19712

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	4323.3	1.3215	mg/L	0.02794	1.3215	mg/L	0.02794	2.11%

Sequence No.: 16
Sample ID: MB-19762,19762
Analyst:
Initial Sample Wt:

Autosampler Location: 124
Date Collected: 9/2/2005 6:26:35 PM
Data Type: Original
Initial Sample Vol:

Dilution: Sample Prep Vol:

Mean Data: MB-19762,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	66.8	0.0204	mg/L	0.03320	0.0204	mg/L	0.03320	162.55%

Sequence No.: 17
Sample ID: LCS-19762,19762
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 125
Date Collected: 9/2/2005 6:28:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19762,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	74037.3	22.630	mg/L	0.5922	22.630	mg/L	0.5922	2.62%

Sequence No.: 18
Sample ID: D0948-01B,19762
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 126
Date Collected: 9/2/2005 6:31:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0948-01B,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	41086.6	12.559	mg/L	0.0411	12.559	mg/L	0.0411	0.33%

Sequence No.: 19
Sample ID: D0948-02B,19762
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 127
Date Collected: 9/2/2005 6:33:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0948-02B,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	36225.6	11.073	mg/L	0.0728	11.073	mg/L	0.0728	0.66%

Sequence No.: 20
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 3
Date Collected: 9/2/2005 6:36:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	85855.8	26.243	mg/L	0.3520	26.243	mg/L	0.3520	1.34%

Sequence No.: 21
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 4
Date Collected: 9/2/2005 6:38:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD

K 766.490	87.3	0.0267 mg/L	0.05045	0.0267 mg/L	0.05045 188.97%

Sequence No.: 22
Sample ID: D0948-02BDUP,19762
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 128
Date Collected: 9/2/2005 6:40:49 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0948-02BDUP,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	37641.2	11.505	mg/L	0.0301	11.505	mg/L	0.0301	0.26%

Sequence No.: 23
Sample ID: D0948-02BSD,19762
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 129
Date Collected: 9/2/2005 6:43:12 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0948-02BSD,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	7674.4	2.3458	mg/L	0.09265	2.3458	mg/L	0.09265	3.95%

Sequence No.: 24
Sample ID: D0948-03B,19762
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 130
Date Collected: 9/2/2005 6:45:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0948-03B,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	35479.2	10.845	mg/L	0.0506	10.845	mg/L	0.0506	0.47%

Sequence No.: 25
Sample ID: D0986-01B,19762
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 131
Date Collected: 9/2/2005 6:47:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0986-01B,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	43630.2	13.336	mg/L	0.0569	13.336	mg/L	0.0569	0.43%

Sequence No.: 26
Sample ID: D0986-04B,19762
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 132
Date Collected: 9/2/2005 6:50:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0986-04B,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	15904.2	4.8613	mg/L	0.07728	4.8613	mg/L	0.07728	1.59%

Sequence No.: 27
Sample ID: D0986-05B,19762
Analyst:

Autosampler Location: 133
Date Collected: 9/2/2005 6:52:44 PM
Data Type: Original

Initial Sample Wt:
Dilution:
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0986-05B,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	36771.9	11.240	mg/L	0.0890	11.240	mg/L	0.0890	0.79%

Sequence No.: 28
Sample ID: D0986-06D,19762
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 134
Date Collected: 9/2/2005 6:55:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0986-06D,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	57119.1	17.459	mg/L	0.0705	17.459	mg/L	0.0705	0.40%

Sequence No.: 29
Sample ID: D0986-07D,19762
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 135
Date Collected: 9/2/2005 6:57:33 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0986-07D,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	36451.3	11.142	mg/L	0.0496	11.142	mg/L	0.0496	0.44%

Sequence No.: 30
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 5
Date Collected: 9/2/2005 6:59:56 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	304.3	0.0930	mg/L	0.02028	0.0930	mg/L	0.02028	21.81%

Sequence No.: 31
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 6
Date Collected: 9/2/2005 7:02:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	498.6	0.1524	mg/L	0.03694	0.1524	mg/L	0.03694	24.24%

Sequence No.: 32
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 3
Date Collected: 9/2/2005 7:04:36 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Mean Corrected	Calib	Sample

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
K 766.490	84862.7	25.939	mg/L	0.0438	25.939	mg/L	0.0438	0.17%

Sequence No.: 33
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/2/2005 7:06:57 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	244.0	0.0746	mg/L	0.05332	0.0746	mg/L	0.05332	71.50%

Sequence No.: 34
Sample ID: D0986-07DSD,19762
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 136
Date Collected: 9/2/2005 7:09:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0986-07DSD,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	7683.5	2.3485	mg/L	0.03011	2.3485	mg/L	0.03011	1.28%

Sequence No.: 35
Sample ID: MB-19690,19690
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 137
Date Collected: 9/2/2005 7:11:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19690,19690

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	409.4	0.1251	mg/L	0.00446	0.1251	mg/L	0.00446	3.57%

Sequence No.: 36
Sample ID: LCS-19690,19690
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 138
Date Collected: 9/2/2005 7:14:04 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19690,19690

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	72132.4	22.048	mg/L	0.1244	22.048	mg/L	0.1244	0.56%

Sequence No.: 37
Sample ID: D0946-01B,19690
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 139
Date Collected: 9/2/2005 7:16:27 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0946-01B,19690

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	41629.1	12.724	mg/L	0.3546	12.724	mg/L	0.3546	2.79%

Sequence No.: 38
Sample ID: D0946-01BDUP,19690

Autosampler Location: 140
Date Collected: 9/2/2005 7:18:50 PM

Analysis Begun

Start Time: 9/2/2005 8:34:25 PM
Logged In Analyst: optima3
Spectrometer Model: Optima 4300 DV, S/N 077N3102302
Plasma On Time: 9/2/2005 11:57:57 AM
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: M:\849-877naCLP.sif
Batch ID:
Results Data Set: B05090202
Results Library: C:\pe\Administrator\Results\Results.mdb

Method Loaded
Method Name: Na CLP
IEC File:
Method Description: Na CLP
Method Last Saved: 1/6/2005 10:16:27 AM
MSF File:

Sequence No.: 1
Sample ID: S0
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 1
Date Collected: 9/2/2005 8:34:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: S0

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
Na 589.592	859.2	26.52	3.09%	[0.00]	mg/L

Sequence No.: 2
Sample ID: S1
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 2
Date Collected: 9/2/2005 8:36:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: S1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
Na 589.592	403581.7	6097.45	1.51%	[50]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Na 589.592	1	Lin Thru 0	0.0	8072	0.00000	1.000000	

Sequence No.: 3
Sample ID: ICV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 9
Date Collected: 9/2/2005 8:39:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Na 589.592	315286.2	39.061	mg/L	0.0475	39.061	mg/L	0.0475	0.12%

Sequence No.: 4
Sample ID: ICB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 4
Date Collected: 9/2/2005 8:41:27 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	197.6	0.0245	mg/L	0.00920	0.0245	mg/L	0.00920	37.57%

Sequence No.: 5
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/2/2005 8:43:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	466.6	0.0578	mg/L	0.00523	0.0578	mg/L	0.00523	9.05%

Sequence No.: 6
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/2/2005 8:46:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	355.7	0.0441	mg/L	0.00247	0.0441	mg/L	0.00247	5.60%

Sequence No.: 7
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/2/2005 8:48:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	204872.1	25.382	mg/L	0.1509	25.382	mg/L	0.1509	0.59%

Sequence No.: 8
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/2/2005 8:50:49 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	292.6	0.0362	mg/L	0.01231	0.0362	mg/L	0.01231	33.96%

Sequence No.: 9
Sample ID: MB-19500,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 17
Date Collected: 9/2/2005 8:53:12 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19500,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	465.8	0.0577	mg/L	0.02556	0.0577	mg/L	0.02556	44.28%

Sequence No.: 10
Sample ID: LCS-19500,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 18
Date Collected: 9/2/2005 8:55:31 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19500,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	9910.6	1.2278	mg/L	0.01074	1.2278	mg/L	0.01074	0.88%

Sequence No.: 11
Sample ID: D0849-01E,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 19
Date Collected: 9/2/2005 8:57:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0849-01E,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	4285.9	0.5310	mg/L	0.00868	0.5310	mg/L	0.00868	1.63%

Sequence No.: 12
Sample ID: D0849-02E,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 20
Date Collected: 9/2/2005 9:00:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0849-02E,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	3081.0	0.3817	mg/L	0.00421	0.3817	mg/L	0.00421	1.10%

Sequence No.: 13
Sample ID: D0849-03E,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 21
Date Collected: 9/2/2005 9:02:30 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0849-03E,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	3734.2	0.4626	mg/L	0.00348	0.4626	mg/L	0.00348	0.75%

Sequence No.: 14
Sample ID: D0849-03EDUP,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 22
Date Collected: 9/2/2005 9:04:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0849-03EDUP,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	3586.2	0.4443	mg/L	0.00038	0.4443	mg/L	0.00038	0.09%

Sequence No.: 15
Sample ID: D0849-03ESD,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 23
Date Collected: 9/2/2005 9:07:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0849-03ESD,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	718.2	0.0890	mg/L	0.00307	0.0890	mg/L	0.00307	3.45%

Sequence No.: 16
Sample ID: D0849-04E,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 24
Date Collected: 9/2/2005 9:09:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0849-04E,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	2439.2	0.3022	mg/L	0.00868	0.3022	mg/L	0.00868	2.87%

Sequence No.: 17
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/2/2005 9:11:54 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	210478.3	26.076	mg/L	0.1056	26.076	mg/L	0.1056	0.41%

Sequence No.: 18
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/2/2005 9:14:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	80.5	0.0100	mg/L	0.01167	0.0100	mg/L	0.01167	117.01%

Sequence No.: 19
Sample ID: D0849-05E,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 25
Date Collected: 9/2/2005 9:16:36 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0849-05E,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	2206.4	0.2734	mg/L	0.00270	0.2734	mg/L	0.00270	0.99%

Sequence No.: 20
Sample ID: D0849-06E,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 26
Date Collected: 9/2/2005 9:18:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0849-06E,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	2526.8	0.3131	mg/L	0.01177	0.3131	mg/L	0.01177	3.76%

Sequence No.: 21
Sample ID: D0849-07E,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 27
Date Collected: 9/2/2005 9:21:19 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0849-07E,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	2326.4	0.2882	mg/L	0.00921	0.2882	mg/L	0.00921	3.20%

Sequence No.: 22
Sample ID: D0873-01B,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 28
Date Collected: 9/2/2005 9:23:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0873-01B,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	6790.3	0.8413	mg/L	0.02255	0.8413	mg/L	0.02255	2.68%

Sequence No.: 23
Sample ID: D0873-02A,19500
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 29
Date Collected: 9/2/2005 9:25:59 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0873-02A,19500

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	8155.1	1.0103	mg/L	0.00793	1.0103	mg/L	0.00793	0.79%

Sequence No.: 24
Sample ID: MB-19499,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 30
Date Collected: 9/2/2005 9:28:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19499,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	-1.7	-0.0002	mg/L	0.01092	-0.0002	mg/L	0.01092	>999.9%

Sequence No.: 25
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/2/2005 9:30:37 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	153.7	0.0190	mg/L	0.00635	0.0190	mg/L	0.00635	33.33%

Sequence No.: 26
Sample ID: ICSAB
Analyst:
Initial Sample Wt:

Autosampler Location: 6
Date Collected: 9/2/2005 9:32:59 PM
Data Type: Original
Initial Sample Vol:

Dilution: Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	272.0	0.0337	mg/L	0.00733	0.0337	mg/L	0.00733	21.76%

Sequence No.: 27
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 3
Date Collected: 9/2/2005 9:35:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	202986.2	25.148	mg/L	0.3187	25.148	mg/L	0.3187	1.27%

Sequence No.: 28
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 4
Date Collected: 9/2/2005 9:37:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	-13.0	-0.0016	mg/L	0.00073	-0.0016	mg/L	0.00073	45.65%

Sequence No.: 29
Sample ID: LCS-19499,19499
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 31
Date Collected: 9/2/2005 9:40:02 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19499,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	208534.0	25.835	mg/L	0.1136	25.835	mg/L	0.1136	0.44%

Sequence No.: 30
Sample ID: D0877-01B,19499
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 32
Date Collected: 9/2/2005 9:42:23 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0877-01B,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	174624.9	21.634	mg/L	0.2365	21.634	mg/L	0.2365	1.09%

Sequence No.: 31
Sample ID: D0877-01BDUP,19499
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 33
Date Collected: 9/2/2005 9:44:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0877-01BDUP,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD

Na 589.592	171034.8	21.190 mg/L	0.0827	21.190 mg/L	0.0827	0.39%

Sequence No.: 32
Sample ID: D0877-01BSD,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 34
Date Collected: 9/2/2005 9:47:05 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0877-01BSD,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	36371.9	4.5061	mg/L	0.03683	4.5061	mg/L	0.03683	0.82%

Sequence No.: 33
Sample ID: D0877-02B,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 35
Date Collected: 9/2/2005 9:49:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0877-02B,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	176685.9	21.890	mg/L	0.2853	21.890	mg/L	0.2853	1.30%

Sequence No.: 34
Sample ID: D0877-03B,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 36
Date Collected: 9/2/2005 9:51:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0877-03B,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	282297.3	34.974	mg/L	0.3817	34.974	mg/L	0.3817	1.09%

Sequence No.: 35
Sample ID: D0877-04B,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 37
Date Collected: 9/2/2005 9:54:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0877-04B,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	256701.7	31.803	mg/L	0.1120	31.803	mg/L	0.1120	0.35%

Sequence No.: 36
Sample ID: D0877-06B,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 38
Date Collected: 9/2/2005 9:56:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0877-06B,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	201590.6	24.975	mg/L	0.1367	24.975	mg/L	0.1367	0.55%

Sequence No.: 37
Sample ID: CCV
Analyst:

Autosampler Location: 3
Date Collected: 9/2/2005 9:58:55 PM
Data Type: Original

Initial Sample Wt:
Dilution:
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	206108.1	25.535	mg/L	0.2833	25.535	mg/L	0.2833	1.11%

Sequence No.: 38
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 4
Date Collected: 9/2/2005 10:01:16 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	247.9	0.0307	mg/L	0.00710	0.0307	mg/L	0.00710	23.13%

Sequence No.: 39
Sample ID: D0877-07B,19499
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 39
Date Collected: 9/2/2005 10:03:37 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0877-07B,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	234231.3	29.019	mg/L	0.1366	29.019	mg/L	0.1366	0.47%

Sequence No.: 40
Sample ID: D0877-08B,19499
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 40
Date Collected: 9/2/2005 10:05:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0877-08B,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	998728.4	123.73	mg/L	0.088	123.73	mg/L	0.088	0.07%

Sequence No.: 41
Sample ID: D0874-01D,19499
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 41
Date Collected: 9/2/2005 10:08:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-01D,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	54245.7	6.7205	mg/L	0.14298	6.7205	mg/L	0.14298	2.13%

Sequence No.: 42
Sample ID: D0874-03D,19499
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 42
Date Collected: 9/2/2005 10:10:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-03D,19499

Mean Corrected	Calib	Sample

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
Na 589.592	30436.7	3.7708	mg/L	0.04200	3.7708	mg/L	0.04200	1.11%

Sequence No.: 43
Sample ID: D0874-04D,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 43
Date Collected: 9/2/2005 10:13:03 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-04D,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Na 589.592	48834.8	6.0502	mg/L	0.05379	6.0502	mg/L	0.05379	0.89%

Sequence No.: 44
Sample ID: D0874-06D,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 44
Date Collected: 9/2/2005 10:15:23 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-06D,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Na 589.592	30832.6	3.8199	mg/L	0.05248	3.8199	mg/L	0.05248	1.37%

Sequence No.: 45
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/2/2005 10:17:43 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Na 589.592	538.9	0.0668	mg/L	0.01325	0.0668	mg/L	0.01325	19.84%

Sequence No.: 46
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/2/2005 10:20:05 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Na 589.592	501.6	0.0621	mg/L	0.01520	0.0621	mg/L	0.01520	24.45%

Sequence No.: 47
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/2/2005 10:22:24 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Na 589.592	201013.9	24.904	mg/L	0.4076	24.904	mg/L	0.4076	1.64%

Sequence No.: 48
Sample ID: CCB

Autosampler Location: 4
Date Collected: 9/2/2005 10:24:45 PM

Analyst:
Initial Sample Wt:
Dilution:

Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	216.6	0.0268	mg/L	0.00439	0.0268	mg/L	0.00439	16.37%

Sequence No.: 49
Sample ID: D0874-08D,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 45
Date Collected: 9/2/2005 10:27:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-08D,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	263019.5	32.586	mg/L	0.0896	32.586	mg/L	0.0896	0.28%

Sequence No.: 50
Sample ID: D0874-09D,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 46
Date Collected: 9/2/2005 10:29:27 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-09D,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	47937.0	5.9390	mg/L	0.03781	5.9390	mg/L	0.03781	0.64%

Sequence No.: 51
Sample ID: D0874-10D,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 47
Date Collected: 9/2/2005 10:31:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-10D,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	182996.0	22.671	mg/L	0.2129	22.671	mg/L	0.2129	0.94%

Sequence No.: 52
Sample ID: D0874-11D,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 48
Date Collected: 9/2/2005 10:34:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-11D,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	180550.8	22.369	mg/L	0.3863	22.369	mg/L	0.3863	1.73%

Sequence No.: 53
Sample ID: D0874-12D,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 49
Date Collected: 9/2/2005 10:36:33 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-12D,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	266537.0	33.021	mg/L	0.1052	33.021	mg/L	0.1052	0.32%

Sequence No.: 54
Sample ID: D0874-14D,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 50
Date Collected: 9/2/2005 10:38:56 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-14D,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	483504.8	59.902	mg/L	0.0492	59.902	mg/L	0.0492	0.08%

Sequence No.: 55
Sample ID: D0874-14DDUP,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 51
Date Collected: 9/2/2005 10:41:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-14DDUP,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	483907.4	59.952	mg/L	1.7889	59.952	mg/L	1.7889	2.98%

Sequence No.: 56
Sample ID: D0874-14DSD,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 52
Date Collected: 9/2/2005 10:43:40 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-14DSD,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	102006.1	12.638	mg/L	0.0081	12.638	mg/L	0.0081	0.06%

Sequence No.: 57
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/2/2005 10:46:01 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	201717.2	24.991	mg/L	0.2148	24.991	mg/L	0.2148	0.86%

Sequence No.: 58
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/2/2005 10:48:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	377.7	0.0468	mg/L	0.00177	0.0468	mg/L	0.00177	3.78%

Sequence No.: 59

Autosampler Location: 53

Sample ID: D0874-15D,19499
Analyst:
Initial Sample Wt:
Dilution:

Date Collected: 9/2/2005 10:50:43 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-15D,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	95125.4	11.785	mg/L	0.0040	11.785	mg/L	0.0040	0.03%

Sequence No.: 60
Sample ID: D0874-16D,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 54
Date Collected: 9/2/2005 10:53:04 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-16D,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	794801.6	98.468	mg/L	0.6552	98.468	mg/L	0.6552	0.67%

Sequence No.: 61
Sample ID: D0874-17D,19499
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 55
Date Collected: 9/2/2005 10:55:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0874-17D,19499

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	467609.8	57.932	mg/L	0.2211	57.932	mg/L	0.2211	0.38%

Sequence No.: 62
Sample ID: MB-19689,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 56
Date Collected: 9/2/2005 10:57:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19689,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	625.5	0.0775	mg/L	0.01234	0.0775	mg/L	0.01234	15.93%

Sequence No.: 63
Sample ID: LCS-19689,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 57
Date Collected: 9/2/2005 11:00:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19689,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	206951.7	25.639	mg/L	0.0805	25.639	mg/L	0.0805	0.31%

Sequence No.: 64
Sample ID: D0925-02B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 58
Date Collected: 9/2/2005 11:02:31 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-02B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	909888.9	112.73	mg/L	0.372	112.73	mg/L	0.372	0.33%

Sequence No.: 65
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/2/2005 11:04:56 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	1649.3	0.2043	mg/L	0.01308	0.2043	mg/L	0.01308	6.40%

Sequence No.: 66
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/2/2005 11:07:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	1150.8	0.1426	mg/L	0.00439	0.1426	mg/L	0.00439	3.08%

Sequence No.: 67
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/2/2005 11:09:36 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	199577.4	24.726	mg/L	0.0419	24.726	mg/L	0.0419	0.17%

Sequence No.: 68
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/2/2005 11:11:57 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	338.1	0.0419	mg/L	0.01454	0.0419	mg/L	0.01454	34.72%

Sequence No.: 69
Sample ID: D0925-03B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 59
Date Collected: 9/2/2005 11:14:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-03B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	995198.1	123.30	mg/L	0.302	123.30	mg/L	0.302	0.25%

Sequence No.: 70
Sample ID: D0925-04B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 60
Date Collected: 9/2/2005 11:16:43 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-04B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	2103448.0	260.60	mg/L	1.855	260.60	mg/L	1.855	0.71%

Sequence No.: 71
Sample ID: D0925-06B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 61
Date Collected: 9/2/2005 11:19:13 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-06B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	1665236.7	206.31	mg/L	0.894	206.31	mg/L	0.894	0.43%

Sequence No.: 72
Sample ID: D0925-07B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 62
Date Collected: 9/2/2005 11:21:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-07B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	1791984.6	222.01	mg/L	0.709	222.01	mg/L	0.709	0.32%

Sequence No.: 73
Sample ID: D0925-07BDUP,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 63
Date Collected: 9/2/2005 11:24:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-07BDUP,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	1787766.4	221.49	mg/L	2.362	221.49	mg/L	2.362	1.07%

Sequence No.: 74
Sample ID: D0925-07BSD,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 64
Date Collected: 9/2/2005 11:26:38 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-07BSD,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	385133.9	47.714	mg/L	0.0187	47.714	mg/L	0.0187	0.04%

Sequence No.: 75
Sample ID: D0925-08B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 65
Date Collected: 9/2/2005 11:29:00 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-08B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	1808547.0	224.06	mg/L	0.720	224.06	mg/L	0.720	0.32%

Sequence No.: 76
Sample ID: D0925-09B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 66
Date Collected: 9/2/2005 11:31:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-09B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	158153.7	19.594	mg/L	0.1507	19.594	mg/L	0.1507	0.77%

Sequence No.: 77
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/2/2005 11:33:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	201833.8	25.005	mg/L	0.0352	25.005	mg/L	0.0352	0.14%

Sequence No.: 78
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/2/2005 11:36:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	1411.6	0.1749	mg/L	0.00223	0.1749	mg/L	0.00223	1.28%

Sequence No.: 79
Sample ID: D0925-10B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 67
Date Collected: 9/2/2005 11:38:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-10B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	257322.0	31.880	mg/L	0.0486	31.880	mg/L	0.0486	0.15%

Sequence No.: 80
Sample ID: D0925-11B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 68
Date Collected: 9/2/2005 11:40:54 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-11B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	54085.8	6.7007	mg/L	0.01391	6.7007	mg/L	0.01391	0.21%

Sequence No.: 81
Sample ID: D0925-12B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 69
Date Collected: 9/2/2005 11:43:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-12B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	50972.1	6.3150	mg/L	0.00134	6.3150	mg/L	0.00134	0.02%

Sequence No.: 82
Sample ID: D0925-13B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 70
Date Collected: 9/2/2005 11:45:36 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-13B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	45235.1	5.6042	mg/L	0.06303	5.6042	mg/L	0.06303	1.12%

Sequence No.: 83
Sample ID: D0925-15B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 71
Date Collected: 9/2/2005 11:47:57 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-15B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	386619.3	47.899	mg/L	0.5095	47.899	mg/L	0.5095	1.06%

Sequence No.: 84
Sample ID: D0925-16B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 72
Date Collected: 9/2/2005 11:50:19 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-16B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	176451.6	21.861	mg/L	0.1455	21.861	mg/L	0.1455	0.67%

Sequence No.: 85
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/2/2005 11:52:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	1722.5	0.2134	mg/L	0.00048	0.2134	mg/L	0.00048	0.22%

Sequence No.: 86
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/2/2005 11:55:04 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	1277.6	0.1583	mg/L	0.00411	0.1583	mg/L	0.00411	2.60%

Sequence No.: 87
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/2/2005 11:57:23 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	199959.4	24.773	mg/L	0.1476	24.773	mg/L	0.1476	0.60%

Sequence No.: 88
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/2/2005 11:59:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	639.2	0.0792	mg/L	0.00991	0.0792	mg/L	0.00991	12.51%

Sequence No.: 89
Sample ID: D0925-17B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 73
Date Collected: 9/3/2005 12:02:05 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0925-17B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	573.9	0.0711	mg/L	0.00284	0.0711	mg/L	0.00284	3.99%

Sequence No.: 90
Sample ID: D0966-01B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 74
Date Collected: 9/3/2005 12:04:27 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0966-01B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	393027.8	48.692	mg/L	0.3865	48.692	mg/L	0.3865	0.79%

Sequence No.: 91
Sample ID: D0966-02B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 75
Date Collected: 9/3/2005 12:06:49 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0966-02B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	268856.7	33.309	mg/L	0.1669	33.309	mg/L	0.1669	0.50%

Sequence No.: 92
Sample ID: D0966-03B,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 76
Date Collected: 9/3/2005 12:09:11 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0966-03B,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	130536.3	16.172	mg/L	0.2838	16.172	mg/L	0.2838	1.75%

Sequence No.: 93
Sample ID: D0966-03BDUP,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 77
Date Collected: 9/3/2005 12:11:32 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0966-03BDUP,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	131442.2	16.284	mg/L	0.2398	16.284	mg/L	0.2398	1.47%

Sequence No.: 94
Sample ID: D0966-03BSD,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 78
Date Collected: 9/3/2005 12:13:53 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0966-03BSD,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	26974.6	3.3419	mg/L	0.00983	3.3419	mg/L	0.00983	0.29%

Sequence No.: 95
Sample ID: D0966-04A,19689
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 79
Date Collected: 9/3/2005 12:16:14 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0966-04A,19689

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	81385.6	10.083	mg/L	0.0436	10.083	mg/L	0.0436	0.43%

Sequence No.: 96
Sample ID: MB-19669,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 80
Date Collected: 9/3/2005 12:18:35 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19669,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	1035.1	0.1282	mg/L	0.02312	0.1282	mg/L	0.02312	18.03%

Sequence No.: 97
Sample ID: CCV
Analyst:
Initial Sample Wt:

Autosampler Location: 3
Date Collected: 9/3/2005 12:20:56 AM
Data Type: Original
Initial Sample Vol:

Dilution: Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	202317.8	25.065	mg/L	0.1198	25.065	mg/L	0.1198	0.48%

Sequence No.: 98
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 4
Date Collected: 9/3/2005 12:23:18 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	449.3	0.0557	mg/L	0.01283	0.0557	mg/L	0.01283	23.04%

Sequence No.: 99
Sample ID: LCS-19669,19669
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 81
Date Collected: 9/3/2005 12:25:39 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19669,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	21277.6	2.6361	mg/L	0.03460	2.6361	mg/L	0.03460	1.31%

Sequence No.: 100
Sample ID: D0926-01B,19669
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 82
Date Collected: 9/3/2005 12:28:00 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-01B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	42451.2	5.2593	mg/L	0.09420	5.2593	mg/L	0.09420	1.79%

Sequence No.: 101
Sample ID: D0926-02B,19669
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 83
Date Collected: 9/3/2005 12:30:21 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-02B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	19868.4	2.4615	mg/L	0.03515	2.4615	mg/L	0.03515	1.43%

Sequence No.: 102
Sample ID: D0926-03B,19669
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 84
Date Collected: 9/3/2005 12:32:42 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-03B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD

Na 589.592	18656.5	2.3114 mg/L	0.01906	2.3114 mg/L	0.01906	0.82%

Sequence No.: 103
Sample ID: D0926-04B,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 85
Date Collected: 9/3/2005 12:35:05 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-04B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	20636.9	2.5567	mg/L	0.03355	2.5567	mg/L	0.03355	1.31%

Sequence No.: 104
Sample ID: D0926-05B,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 86
Date Collected: 9/3/2005 12:37:27 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-05B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	5548.2	0.6874	mg/L	0.01254	0.6874	mg/L	0.01254	1.82%

Sequence No.: 105
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/3/2005 12:39:49 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	593.7	0.0735	mg/L	0.00669	0.0735	mg/L	0.00669	9.09%

Sequence No.: 106
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/3/2005 12:42:11 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	680.3	0.0843	mg/L	0.00417	0.0843	mg/L	0.00417	4.95%

Sequence No.: 107
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/3/2005 12:44:29 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	199040.6	24.659	mg/L	0.0341	24.659	mg/L	0.0341	0.14%

Sequence No.: 108
Sample ID: CCB
Analyst:

Autosampler Location: 4
Date Collected: 9/3/2005 12:46:50 AM
Data Type: Original

Initial Sample Wt:
Dilution:
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	390.7	0.0484	mg/L	0.00069	0.0484	mg/L	0.00069	1.43%

Sequence No.: 109
Sample ID: D0926-06B,19669
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 87
Date Collected: 9/3/2005 12:49:11 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-06B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	27945.6	3.4622	mg/L	0.00810	3.4622	mg/L	0.00810	0.23%

Sequence No.: 110
Sample ID: D0926-07B,19669
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 88
Date Collected: 9/3/2005 12:51:33 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-07B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	35971.7	4.4566	mg/L	0.03508	4.4566	mg/L	0.03508	0.79%

Sequence No.: 111
Sample ID: D0926-07BDUP,19669
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 89
Date Collected: 9/3/2005 12:53:53 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-07BDUP,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	37469.1	4.6421	mg/L	0.00574	4.6421	mg/L	0.00574	0.12%

Sequence No.: 112
Sample ID: D0926-07BSD,19669
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 90
Date Collected: 9/3/2005 12:56:14 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-07BSD,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	7922.2	0.9815	mg/L	0.00330	0.9815	mg/L	0.00330	0.34%

Sequence No.: 113
Sample ID: D0926-08B,19669
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 91
Date Collected: 9/3/2005 12:58:36 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-08B,19669

Analyte	Mean Corrected	Calib	Sample

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
Na 589.592	10952.7	1.3569	mg/L	0.01540	1.3569	mg/L	0.01540	1.13%

Sequence No.: 114
Sample ID: D0926-09B,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 92
Date Collected: 9/3/2005 1:00:57 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-09B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Na 589.592	7390.7	0.9156	mg/L	0.00523	0.9156	mg/L	0.00523	0.57%

Sequence No.: 115
Sample ID: D0926-10B,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 93
Date Collected: 9/3/2005 1:03:18 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-10B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Na 589.592	4566.7	0.5658	mg/L	0.02397	0.5658	mg/L	0.02397	4.24%

Sequence No.: 116
Sample ID: D0926-11B,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 94
Date Collected: 9/3/2005 1:05:39 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-11B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Na 589.592	3732.7	0.4625	mg/L	0.00779	0.4625	mg/L	0.00779	1.68%

Sequence No.: 117
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/3/2005 1:08:00 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Na 589.592	199330.0	24.695	mg/L	0.0251	24.695	mg/L	0.0251	0.10%

Sequence No.: 118
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/3/2005 1:10:22 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Na 589.592	255.1	0.0316	mg/L	0.01546	0.0316	mg/L	0.01546	48.91%

Sequence No.: 119
Sample ID: D0926-12B,19669

Autosampler Location: 95
Date Collected: 9/3/2005 1:12:43 AM

Analyst:
Initial Sample Wt:
Dilution:
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-12B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	5217.9	0.6464	mg/L	0.00818	0.6464	mg/L	0.00818	1.27%

Sequence No.: 120
Sample ID: D0926-13B,19669
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 96
Date Collected: 9/3/2005 1:15:05 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-13B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	8596.0	1.0650	mg/L	0.00224	1.0650	mg/L	0.00224	0.21%

Sequence No.: 121
Sample ID: D0926-14B,19669
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 97
Date Collected: 9/3/2005 1:17:27 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-14B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	5221.7	0.6469	mg/L	0.00955	0.6469	mg/L	0.00955	1.48%

Sequence No.: 122
Sample ID: D0926-15B,19669
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 98
Date Collected: 9/3/2005 1:19:49 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-15B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	4589.1	0.5685	mg/L	0.00052	0.5685	mg/L	0.00052	0.09%

Sequence No.: 123
Sample ID: D0926-16B,19669
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 99
Date Collected: 9/3/2005 1:22:11 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-16B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	3820.3	0.4733	mg/L	0.00303	0.4733	mg/L	0.00303	0.64%

Sequence No.: 124
Sample ID: D0926-17B,19669
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 100
Date Collected: 9/3/2005 1:24:33 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-17B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	4962.0	0.6147	mg/L	0.02564	0.6147	mg/L	0.02564	4.17%

Sequence No.: 125
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/3/2005 1:26:55 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	772.1	0.0957	mg/L	0.02251	0.0957	mg/L	0.02251	23.53%

Sequence No.: 126
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/3/2005 1:29:17 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	448.9	0.0556	mg/L	0.00623	0.0556	mg/L	0.00623	11.21%

Sequence No.: 127
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/3/2005 1:31:35 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	195598.4	24.233	mg/L	0.2582	24.233	mg/L	0.2582	1.07%

Sequence No.: 128
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/3/2005 1:33:56 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	241.6	0.0299	mg/L	0.00026	0.0299	mg/L	0.00026	0.88%

Sequence No.: 129
Sample ID: D0926-18B,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 101
Date Collected: 9/3/2005 1:36:17 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-18B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	4789.4	0.5934	mg/L	0.00712	0.5934	mg/L	0.00712	1.20%

Sequence No.: 130

Autosampler Location: 102

Sample ID: D0926-19B,19669
Analyst:
Initial Sample Wt:
Dilution:

Date Collected: 9/3/2005 1:38:39 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-19B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	3727.1	0.4618	mg/L	0.00843	0.4618	mg/L	0.00843	1.83%

Sequence No.: 131
Sample ID: D0926-19BDUP,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 103
Date Collected: 9/3/2005 1:41:01 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-19BDUP,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	3903.5	0.4836	mg/L	0.00475	0.4836	mg/L	0.00475	0.98%

Sequence No.: 132
Sample ID: D0926-19BSD,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 104
Date Collected: 9/3/2005 1:43:23 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-19BSD,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	814.6	0.1009	mg/L	0.00327	0.1009	mg/L	0.00327	3.24%

Sequence No.: 133
Sample ID: MB-19600,19600
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 105
Date Collected: 9/3/2005 1:45:45 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19600,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	169.7	0.0210	mg/L	0.01206	0.0210	mg/L	0.01206	57.37%

Sequence No.: 134
Sample ID: LCS-19600,19600
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 106
Date Collected: 9/3/2005 1:48:07 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19600,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	208045.2	25.775	mg/L	0.0038	25.775	mg/L	0.0038	0.01%

Sequence No.: 135
Sample ID: D0898-02C,19600
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 107
Date Collected: 9/3/2005 1:50:30 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0898-02C,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	363.8	0.0451	mg/L	0.00023	0.0451	mg/L	0.00023	0.50%

Sequence No.: 136
Sample ID: D0898-03C,19600
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 108
Date Collected: 9/3/2005 1:52:52 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0898-03C,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	670091.5	83.018	mg/L	0.0312	83.018	mg/L	0.0312	0.04%

Sequence No.: 137
Sample ID: D0898-09C,19600
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 109
Date Collected: 9/3/2005 1:55:18 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0898-09C,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	383.5	0.0475	mg/L	0.01498	0.0475	mg/L	0.01498	31.53%

Sequence No.: 138
Sample ID: D0898-10C,19600
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 110
Date Collected: 9/3/2005 1:57:40 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0898-10C,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	537776.6	66.625	mg/L	0.4415	66.625	mg/L	0.4415	0.66%

Sequence No.: 139
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/3/2005 2:00:04 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	198881.0	24.640	mg/L	0.0370	24.640	mg/L	0.0370	0.15%

Sequence No.: 140
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/3/2005 2:02:25 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	507.9	0.0629	mg/L	0.01082	0.0629	mg/L	0.01082	17.19%

Sequence No.: 141
Sample ID: D0898-11C,19600
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 111
Date Collected: 9/3/2005 2:04:46 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0898-11C,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	964105.4	119.44	mg/L	0.017	119.44	mg/L	0.017	0.01%

Sequence No.: 142
Sample ID: D0898-12C,19600
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 112
Date Collected: 9/3/2005 2:07:13 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0898-12C,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	538821.8	66.755	mg/L	0.7835	66.755	mg/L	0.7835	1.17%

Sequence No.: 143
Sample ID: D0898-14C,19600
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 113
Date Collected: 9/3/2005 2:09:37 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0898-14C,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	791.9	0.0981	mg/L	0.00531	0.0981	mg/L	0.00531	5.41%

Sequence No.: 144
Sample ID: D0898-15C,19600
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 114
Date Collected: 9/3/2005 2:11:59 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0898-15C,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	610035.5	75.578	mg/L	0.9259	75.578	mg/L	0.9259	1.23%

Sequence No.: 145
Sample ID: D0898-15CDUP,19600
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 115
Date Collected: 9/3/2005 2:14:23 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0898-15CDUP,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	608301.2	75.363	mg/L	0.3869	75.363	mg/L	0.3869	0.51%

Sequence No.: 146
Sample ID: D0898-15CSD,19600
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 116
Date Collected: 9/3/2005 2:16:47 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0898-15CSD,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	128059.3	15.865	mg/L	0.2016	15.865	mg/L	0.2016	1.27%

Sequence No.: 147
Sample ID: D0898-16C,19600
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 117
Date Collected: 9/3/2005 2:19:10 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0898-16C,19600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	1031536.9	127.80	mg/L	0.701	127.80	mg/L	0.701	0.55%

Sequence No.: 148
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/3/2005 2:21:36 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	6367.3	0.7889	mg/L	0.03890	0.7889	mg/L	0.03890	4.93%

Sequence No.: 149
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/3/2005 2:23:58 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	1480.6	0.1834	mg/L	0.00222	0.1834	mg/L	0.00222	1.21%

Sequence No.: 150
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/3/2005 2:26:16 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	198670.1	24.613	mg/L	0.1916	24.613	mg/L	0.1916	0.78%

Sequence No.: 151
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/3/2005 2:28:37 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	662.8	0.0821	mg/L	0.01243	0.0821	mg/L	0.01243	15.14%

Sequence No.: 152
Sample ID: D0926-20B,19669
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 118
Date Collected: 9/3/2005 2:30:58 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0926-20B,19669

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	5353.5	0.6632	mg/L	0.02068	0.6632	mg/L	0.02068	3.12%

Sequence No.: 153
Sample ID: MB-19712,19712
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 119
Date Collected: 9/3/2005 2:33:21 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19712,19712

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	440.3	0.0546	mg/L	0.01507	0.0546	mg/L	0.01507	27.63%

Sequence No.: 154
Sample ID: LCS-19712,19712
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 120
Date Collected: 9/3/2005 2:35:43 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19712,19712

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	10968.0	1.3588	mg/L	0.01581	1.3588	mg/L	0.01581	1.16%

Sequence No.: 155
Sample ID: D1012-01A,19712
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 121
Date Collected: 9/3/2005 2:38:05 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1012-01A,19712

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	48902.0	6.0585	mg/L	0.02412	6.0585	mg/L	0.02412	0.40%

Sequence No.: 156
Sample ID: D1012-01ADUP,19712
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 122
Date Collected: 9/3/2005 2:40:27 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1012-01ADUP,19712

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	46224.7	5.7268	mg/L	0.02542	5.7268	mg/L	0.02542	0.44%

Sequence No.: 157
Sample ID: D1012-01ASD,19712
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 123
Date Collected: 9/3/2005 2:42:50 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1012-01ASD,19712

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	10558.5	1.3081	mg/L	0.01849	1.3081	mg/L	0.01849	1.41%

Sequence No.: 158
Sample ID: MB-19762,19762
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 124
Date Collected: 9/3/2005 2:45:13 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19762,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	495.8	0.0614	mg/L	0.00087	0.0614	mg/L	0.00087	1.42%

Sequence No.: 159
Sample ID: LCS-19762,19762
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 125
Date Collected: 9/3/2005 2:47:36 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19762,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	19571.2	2.4247	mg/L	0.02385	2.4247	mg/L	0.02385	0.98%

Sequence No.: 160
Sample ID: D0948-01B,19762
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 126
Date Collected: 9/3/2005 2:49:59 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0948-01B,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	4321.2	0.5354	mg/L	0.00052	0.5354	mg/L	0.00052	0.10%

Sequence No.: 161
Sample ID: D0948-02B,19762
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 127
Date Collected: 9/3/2005 2:52:22 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0948-02B,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	13649.8	1.6911	mg/L	0.00649	1.6911	mg/L	0.00649	0.38%

Sequence No.: 162
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/3/2005 2:54:45 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	201129.3	24.918	mg/L	0.1275	24.918	mg/L	0.1275	0.51%

Sequence No.: 163
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/3/2005 2:57:07 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	238.0	0.0295	mg/L	0.00642	0.0295	mg/L	0.00642	21.77%

Sequence No.: 164
Sample ID: D0948-02BDUP,19762
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 128
Date Collected: 9/3/2005 2:59:28 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0948-02BDUP,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	16876.1	2.0908	mg/L	0.00040	2.0908	mg/L	0.00040	0.02%

Sequence No.: 165
Sample ID: D0948-02BSD,19762
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 129
Date Collected: 9/3/2005 3:01:51 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0948-02BSD,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	3061.2	0.3792	mg/L	0.02812	0.3792	mg/L	0.02812	7.41%

Sequence No.: 166
Sample ID: D0948-03B,19762
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 130
Date Collected: 9/3/2005 3:04:14 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0948-03B,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	3821.6	0.4735	mg/L	0.00024	0.4735	mg/L	0.00024	0.05%

Sequence No.: 167
Sample ID: D0986-01B,19762
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 131
Date Collected: 9/3/2005 3:06:37 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0986-01B,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	4552.1	0.5640	mg/L	0.01048	0.5640	mg/L	0.01048	1.86%

Sequence No.: 168
Sample ID: D0986-04B,19762
Analyst:
Initial Sample Wt:

Autosampler Location: 132
Date Collected: 9/3/2005 3:09:00 AM
Data Type: Original
Initial Sample Vol:

Dilution: Sample Prep Vol:

Mean Data: D0986-04B,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	15515.9	1.9223	mg/L	0.00330	1.9223	mg/L	0.00330	0.17%

Sequence No.: 169
Sample ID: D0986-05B,19762
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 133
Date Collected: 9/3/2005 3:11:23 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0986-05B,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	22639.3	2.8048	mg/L	0.01018	2.8048	mg/L	0.01018	0.36%

Sequence No.: 170
Sample ID: D0986-06D,19762
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 134
Date Collected: 9/3/2005 3:13:46 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0986-06D,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	6413.7	0.7946	mg/L	0.01357	0.7946	mg/L	0.01357	1.71%

Sequence No.: 171
Sample ID: D0986-07D,19762
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 135
Date Collected: 9/3/2005 3:16:09 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0986-07D,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	4480.7	0.5551	mg/L	0.00003	0.5551	mg/L	0.00003	0.01%

Sequence No.: 172
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 5
Date Collected: 9/3/2005 3:18:32 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	1012.2	0.1254	mg/L	0.01177	0.1254	mg/L	0.01177	9.39%

Sequence No.: 173
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 6
Date Collected: 9/3/2005 3:20:54 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD

Na 589.592	521.7	0.0646 mg/L	0.00361	0.0646 mg/L	0.00361	5.58%

Sequence No.: 174
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/3/2005 3:23:13 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	198612.4	24.606	mg/L	0.0535	24.606	mg/L	0.0535	0.22%

Sequence No.: 175
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/3/2005 3:25:34 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	191.9	0.0238	mg/L	0.00627	0.0238	mg/L	0.00627	26.36%

Sequence No.: 176
Sample ID: D0986-07DSD,19762
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 136
Date Collected: 9/3/2005 3:27:55 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0986-07DSD,19762

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	1066.3	0.1321	mg/L	0.00048	0.1321	mg/L	0.00048	0.37%

Sequence No.: 177
Sample ID: MB-19690,19690
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 137
Date Collected: 9/3/2005 3:30:18 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19690,19690

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	441.0	0.0546	mg/L	0.00396	0.0546	mg/L	0.00396	7.25%

Sequence No.: 178
Sample ID: LCS-19690,19690
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 138
Date Collected: 9/3/2005 3:32:41 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19690,19690

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	18945.6	2.3472	mg/L	0.02852	2.3472	mg/L	0.02852	1.21%

Sequence No.: 179
Sample ID: D0946-01B,19690
Analyst:

Autosampler Location: 139
Date Collected: 9/3/2005 3:35:04 AM
Data Type: Original

Method Name: Mercury-ILM
Method Description: Mercury
Element: Hg

D0926 ok QW 8/26/05

FIMS-050826A

Date: 08/26/2005
Technique:FI-MHS
Calibration Type:
Hg, Zero Intercept: Linear
Wavelength: 253.7 nm
Sample Info Name: QW.SIF Results Data Set Name: H0508261

Element: Hg Seq. No.: 1 AS Loc.: 1 Date: 08/26/2005
Sample ID: S0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0004	0.0021	0.0004	09:48:33	Yes
2			0.0003	0.0029	0.0003	09:49:02	Yes
Mean:			0.0003				
SD :			0.0001				
%RSD:			23.1850				

Auto-zero performed.

Element: Hg Seq. No.: 2 AS Loc.: 2 Date: 08/26/2005
Sample ID: S0.2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0043	0.0164	0.0046	09:49:53	Yes
2			0.0044	0.0172	0.0047	09:50:22	Yes
Mean:			0.0043				
SD :			0.0001				
%RSD:			1.6984				

[Hg] Standard number 1 applied. [0.20]
Correlation Coefficient: 1.00000 Slope: 0.02168

Element: Hg Seq. No.: 3 AS Loc.: 3 Date: 08/26/2005
Sample ID: S1.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0225	0.1067	0.0228	09:51:13	Yes
2			0.0229	0.1085	0.0232	09:51:42	Yes
Mean:			0.0227				
SD :			0.0003				
%RSD:			1.2677				

[Hg] Standard number 2 applied. [1.00]
Correlation Coefficient: 0.99987 Slope: 0.02268

Element: Hg Seq. No.: 4 AS Loc.: 4 Date: 08/26/2005
Sample ID: S2.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0438	0.2103	0.0441	09:52:33	Yes
2			0.0442	0.2131	0.0445	09:53:02	Yes
Mean:			0.0440				
SD :			0.0003				
%RSD:			0.6265				

[Hg] Standard number 3 applied. [2.00]
Correlation Coefficient: 0.99974 Slope: 0.02214

Element: Hg Seq. No.: 5 AS Loc.: 5 Date: 08/26/2005
Sample ID: S5.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0964	0.4706	0.0967	09:53:53	Yes
2			0.0969	0.4731	0.0972	09:54:23	Yes
Mean:			0.0966				
SD :			0.0003				
%RSD:			0.3579				

[Hg] Standard number 4 applied. [5.00]
Correlation Coefficient: 0.99676 Slope: 0.01985

Element: Hg Seq. No.: 6 AS Loc.: 6 Date: 08/26/2005
Sample ID: S10.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1882	0.9190	0.1885	09:55:13	Yes
2			0.1881	0.9092	0.1884	09:55:42	Yes
Mean:			0.1882				
SD :			0.0000				
%RSD:							

[Hg] Standard number 5 applied. [10.00]
Correlation Coefficient: 0.99879 Slope: 0.01907

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
S0	0.0003	--	----	----	----
S0.2	0.0043	0.20	0.23	0.000	1.7
S1.0	0.0227	1.00	1.19	0.000	1.3
S2.0	0.0440	2.00	2.31	0.000	0.6
S5.0	0.0966	5.00	5.07	0.000	0.4
S10.0	0.1882	10.00	9.87	0.000	----

Correlation Coefficient: 0.99879 Slope: 0.01907 ----

Element: Hg Seq. No.: 7 AS Loc.: 7 Date: 08/26/2005
Sample ID: ICV 8/26 bas ow

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.45	2.45	0.0467	0.2167	0.0470	09:56:33	Yes

Element: Hg Seq. No.: 8 AS Loc.: 7 Date: 08/26/2005
Sample ID: ICV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.14	2.14	0.0408	0.1915	0.0411	09:59:22	Yes
2	2.11	2.11	0.0403	0.1879	0.0406	09:59:51	Yes
Mean:	2.12	2.12	0.0405				
SD :	0.018	0.018	0.0004				
%RSD:	0.9	0.9	0.8671				

QC value within specified limits.

Element: Hg Seq. No.: 9 AS Loc.: 1 Date: 08/26/2005
Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00	0.00	0.0000	0.0015	0.0003	10:00:43	Yes
2	0.00	0.00	0.0001	0.0019	0.0004	10:01:12	Yes
Mean:	0.00	0.00	0.0001				
SD :	0.002	0.002	0.0000				
%RSD:	69.3	69.3	69.2940				

QC value within specified limits.

Element: Hg Seq. No.: 10 AS Loc.: 9 Date: 08/26/2005
Sample ID: CRA

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.21	0.21	0.0039	0.0208	0.0042	10:02:02	Yes
2	0.20	0.20	0.0038	0.0198	0.0041	10:02:31	Yes
Mean:	0.20	0.20	0.0039				
SD :	0.003	0.003	0.0001				
%RSD:	1.5	1.5	1.4777				

Element: Hg Seq. No.: 11 AS Loc.: 10 Date: 08/26/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.85	4.85	0.0925	0.4330	0.0928	10:03:21	Yes
2	4.84	4.84	0.0922	0.4331	0.0925	10:03:50	Yes
Mean:	4.84	4.84	0.0924				
SD :	0.013	0.013	0.0002				
%RSD:	0.3	0.3	0.2668				

Element: Hg Seq. No.: 12 AS Loc.: 11 Date: 08/26/2005
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.01	-0.01	-0.0002	0.0001	0.0001	10:04:40	Yes
2	-0.01	-0.01	-0.0002	0.0010	0.0001	10:05:11	Yes
Mean:	-0.01	-0.01	-0.0002				
SD :	0.002	0.002	0.0000				
%RSD:	14.4	14.4	14.3880				

Element: Hg Seq. No.: 13 AS Loc.: 12 Date: 08/26/2005
Sample ID: MB-19668

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.02	-0.02	-0.0003	-0.0006	0.0000	10:06:00	Yes
2	-0.01	-0.01	-0.0002	0.0007	0.0001	10:06:29	Yes
Mean:	-0.01	-0.01	-0.0002				
SD :	0.004	0.004	0.0001				
%RSD:	34.4	34.4	34.4031				

Element: Hg Seq. No.: 14 AS Loc.: 13 Date: 08/26/2005
Sample ID: LCS-19668 2X dilution 0.29

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.99	5.99	0.1142	0.5397	0.1145	10:07:20	Yes
2	5.92	5.92	0.1128	0.5362	0.1131	10:07:49	Yes
Mean:	5.95	5.95	0.1135				
SD :	0.052	0.052	0.0010				

%RSD: 0.9 0.9 0.8764

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Element: Hg Seq. No.: 15 AS Loc.: 14 Date: 08/26/2005
Sample ID: D0926-01B 0.209

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.09	0.09	0.0018	0.0098	0.0021	10:08:39	Yes
2	0.09	0.09	0.0017	0.0098	0.0020	10:09:08	Yes
Mean:	0.09	0.09	0.0018				
SD :	0.002	0.002	0.0000				
%RSD:	2.1	2.1	2.0815				

==========

Element: Hg Seq. No.: 16 AS Loc.: 15 Date: 08/26/2005
Sample ID: D0926-02B 0.233

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.06	0.06	0.0011	0.0071	0.0014	10:09:57	Yes
2	0.06	0.06	0.0011	0.0070	0.0014	10:10:26	Yes
Mean:	0.06	0.06	0.0011				
SD :	0.000	0.000	0.0000				
%RSD:	0.1	0.1	0.1358				

==========

Element: Hg Seq. No.: 17 AS Loc.: 16 Date: 08/26/2005
Sample ID: D0926-03B 0.239

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.05	0.05	0.0010	0.0062	0.0013	10:11:16	Yes
2	0.06	0.06	0.0011	0.0073	0.0014	10:11:45	Yes
Mean:	0.06	0.06	0.0011				
SD :	0.003	0.003	0.0001				
%RSD:	5.8	5.8	5.8018				

==========

Element: Hg Seq. No.: 18 AS Loc.: 7 Date: 08/26/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.88	4.88	0.0931	0.4348	0.0934	10:12:35	Yes
2	4.89	4.89	0.0932	0.4338	0.0935	10:13:04	Yes
Mean:	4.89	4.89	0.0931				
SD :	0.006	0.006	0.0001				
%RSD:	0.1	0.1	0.1145				

QC value within specified limits.

==========

Element: Hg Seq. No.: 19 AS Loc.: 1 Date: 08/26/2005
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.01	-0.01	-0.0002	0.0010	0.0001	10:13:57	Yes
2	0.00	0.00	0.0000	0.0031	0.0003	10:14:26	Yes
Mean:	0.00	0.00	-0.0001				
SD :	0.008	0.008	0.0001				
%RSD:	163.1	163.1	163.0607				

QC value within specified limits.

==========

Element: Hg Seq. No.: 20 AS Loc.: 17 Date: 08/26/2005
Sample ID: D0926-04B

0.225

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.31	0.31	0.0060	0.0265	0.0063	10:15:16	Yes
2	0.32	0.32	0.0061	0.0282	0.0064	10:15:45	Yes
Mean:	0.32	0.32	0.0060				
SD :	0.003	0.003	0.0000				
%RSD:	0.8	0.8	0.8092				

Element: Hg Seq. No.: 21 AS Loc.: 18 Date: 08/26/2005
Sample ID: D0926-05B

0.219

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.15	0.15	0.0028	0.0158	0.0032	10:16:35	Yes
2	0.18	0.18	0.0035	0.0168	0.0038	10:17:04	Yes
Mean:	0.17	0.17	0.0032				
SD :	0.024	0.024	0.0005				
%RSD:	14.4	14.4	14.3889				

Element: Hg Seq. No.: 22 AS Loc.: 19 Date: 08/26/2005
Sample ID: D0926-06B

0.239

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.55	0.55	0.0104	0.0497	0.0107	10:17:54	Yes
2	0.58	0.58	0.0110	0.0500	0.0113	10:18:24	Yes
Mean:	0.56	0.56	0.0107				
SD :	0.021	0.021	0.0004				
%RSD:	3.8	3.8	3.7658				

Element: Hg Seq. No.: 23 AS Loc.: 20 Date: 08/26/2005
Sample ID: D0926-07B

0.259

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.82	0.82	0.0156	0.0722	0.0159	10:19:14	Yes
2	0.81	0.81	0.0155	0.0721	0.0158	10:19:43	Yes
Mean:	0.82	0.82	0.0156				
SD :	0.004	0.004	0.0001				
%RSD:	0.5	0.5	0.5212				

Element: Hg Seq. No.: 24 AS Loc.: 21 Date: 08/26/2005
Sample ID: D0926-07BDUP

0.259

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.81	0.81	0.0155	0.0747	0.0158	10:20:33	Yes
2	0.81	0.81	0.0155	0.0750	0.0158	10:21:02	Yes
Mean:	0.81	0.81	0.0155				
SD :	0.001	0.001	0.0000				
%RSD:							

Element: Hg Seq. No.: 25 AS Loc.: 22 Date: 08/26/2005
Sample ID: D0926-07BMS

8/26/05

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.38	3.38	0.0644	0.3057	0.0647	10:21:52	Yes
2	3.39	3.39	0.0646	0.3093	0.0649	10:22:21	Yes
Mean:	3.38	3.38	0.0645				
SD :	0.008	0.008	0.0001				

%RSD: 0.2 0.2 0.2268

Element: Hg Seq. No.: 26 AS Loc.: 23 Date: 08/26/2005
Sample ID: D0926-08B 0.249

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.16	0.16	0.0031	0.0174	0.0034	10:23:11	Yes
2	0.16	0.16	0.0031	0.0174	0.0034	10:23:40	Yes
Mean:	0.16	0.16	0.0031				
SD :	0.000	0.000	0.0000				
%RSD:							

Element: Hg Seq. No.: 27 AS Loc.: 24 Date: 08/26/2005
Sample ID: D0926-09B 0.249

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.12	0.12	0.0023	0.0134	0.0026	10:24:30	Yes
2	0.12	0.12	0.0024	0.0141	0.0027	10:24:59	Yes
Mean:	0.12	0.12	0.0023				
SD :	0.002	0.002	0.0000				
%RSD:	1.6	1.6	1.5990				

Element: Hg Seq. No.: 28 AS Loc.: 7 Date: 08/26/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.09	5.09	0.0970	0.4522	0.0973	10:25:50	Yes
2	5.07	5.07	0.0966	0.4480	0.0969	10:26:19	Yes
Mean:	5.08	5.08	0.0968				
SD :	0.016	0.016	0.0003				
%RSD:	0.3	0.3	0.3074				

QC value within specified limits.

Element: Hg Seq. No.: 29 AS Loc.: 1 Date: 08/26/2005
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.02	-0.02	-0.0003	-0.0001	0.0000	10:27:11	Yes
2	-0.02	-0.02	-0.0003	-0.0008	0.0000	10:27:40	Yes
Mean:	-0.02	-0.02	-0.0003				
SD :	0.000	0.000	0.0000				
%RSD:	3.2	3.2	3.1601				

QC value within specified limits.

Element: Hg Seq. No.: 30 AS Loc.: 25 Date: 08/26/2005
Sample ID: D0926-10B 0.259

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.09	0.09	0.0018	0.0074	0.0021	10:28:33	Yes
2	0.07	0.07	0.0014	0.0082	0.0017	10:29:03	Yes
Mean:	0.08	0.08	0.0016				
SD :	0.016	0.016	0.0003				
%RSD:	19.1	19.1	19.0525				

Element: Hg Seq. No.: 31 AS Loc.: 26 Date: 08/26/2005 0.249
Sample ID: D0926-11B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.21	0.21	0.0039	0.0176	0.0042	10:29:52	Yes
2	0.21	0.21	0.0039	0.0179	0.0042	10:30:21	Yes
Mean:	0.21	0.21	0.0039				
SD :	0.000	0.000	0.0000				
%RSD:	0.2	0.2	0.1664				

Element: Hg Seq. No.: 32 AS Loc.: 27 Date: 08/26/2005
Sample ID: D0926-12B 0.21g

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.41	0.41	0.0077	0.0365	0.0081	10:31:13	Yes
2	0.40	0.40	0.0077	0.0361	0.0080	10:31:45	Yes
Mean:	0.41	0.41	0.0077				
SD :	0.002	0.002	0.0000				
%RSD:	0.5	0.5	0.4502				

Element: Hg Seq. No.: 33 AS Loc.: 28 Date: 08/26/2005
Sample ID: D0926-13B 0.23g

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.14	0.14	0.0026	0.0145	0.0029	10:32:35	Yes
2	0.14	0.14	0.0027	0.0136	0.0030	10:33:04	Yes
Mean:	0.14	0.14	0.0026				
SD :	0.002	0.002	0.0000				
%RSD:	1.6	1.6	1.5567				

Element: Hg Seq. No.: 34 AS Loc.: 29 Date: 08/26/2005
Sample ID: D0926-14B 0.23g

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00	0.00	0.0000	0.0019	0.0003	10:33:54	Yes
2	-0.01	-0.01	-0.0001	0.0012	0.0002	10:34:23	Yes
Mean:	0.00	0.00	-0.0001				
SD :	0.003	0.003	0.0001				
%RSD:	65.4	65.4	65.4426				

Element: Hg Seq. No.: 35 AS Loc.: 30 Date: 08/26/2005
Sample ID: D0926-15B 0.24g

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.07	0.07	0.0013	0.0086	0.0016	10:35:13	Yes
2	0.06	0.06	0.0011	0.0080	0.0015	10:35:43	Yes
Mean:	0.06	0.06	0.0012				
SD :	0.006	0.006	0.0001				
%RSD:	9.9	9.9	9.9111				

Element: Hg Seq. No.: 36 AS Loc.: 31 Date: 08/26/2005
Sample ID: D0926-16B 0.21g

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.05	0.05	0.0009	0.0070	0.0012	10:36:33	Yes
2	0.05	0.05	0.0010	0.0080	0.0013	10:37:02	Yes
Mean:	0.05	0.05	0.0009				
SD :	0.001	0.001	0.0000				

%RSD: 2.6 2.6 2.5743

Element: Hg Seq. No.: 37 AS Loc.: 32 Date: 08/26/2005
Sample ID: D0926-17B 0.23J

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.09	0.09	0.0018	0.0097	0.0021	10:37:56	Yes
2	0.11	0.11	0.0020	0.0101	0.0023	10:38:25	Yes
Mean:	0.10	0.10	0.0019				
SD :	0.009	0.009	0.0002				
%RSD:	8.9	8.9	8.8793				

Element: Hg Seq. No.: 38 AS Loc.: 7 Date: 08/26/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.93	4.93	0.0940	0.4390	0.0943	10:39:18	Yes
2	4.94	4.94	0.0942	0.4396	0.0946	10:39:47	Yes
Mean:	4.94	4.94	0.0941				
SD :	0.008	0.008	0.0002				
%RSD:	0.2	0.2	0.1605				

QC value within specified limits.

Element: Hg Seq. No.: 39 AS Loc.: 1 Date: 08/26/2005
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.01	-0.01	-0.0001	0.0020	0.0002	10:40:39	Yes
2	-0.01	-0.01	-0.0003	-0.0004	0.0000	10:41:09	Yes
Mean:	-0.01	-0.01	-0.0002				
SD :	0.006	0.006	0.0001				
%RSD:	67.0	67.0	67.0248				

QC value within specified limits.

Element: Hg Seq. No.: 40 AS Loc.: 33 Date: 08/26/2005
Sample ID: D0926-18B 0.23J

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.39	0.39	0.0074	0.0353	0.0078	10:42:00	Yes
2	0.39	0.39	0.0074	0.0347	0.0077	10:42:29	Yes
Mean:	0.39	0.39	0.0074				
SD :	0.002	0.002	0.0000				
%RSD:	0.6	0.6	0.5658				

Element: Hg Seq. No.: 41 AS Loc.: 34 Date: 08/26/2005
Sample ID: D0926-19B 0.22J

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.09	0.09	0.0018	0.0059	0.0021	10:43:19	Yes
2	0.10	0.10	0.0019	0.0064	0.0022	10:43:48	Yes
Mean:	0.10	0.10	0.0018				
SD :	0.003	0.003	0.0001				
%RSD:	3.0	3.0	3.0056				

Element: Hg Seq. No.: 42 AS Loc.: 35 Date: 08/26/2005 0.22J
Sample ID: ~~D0926-20B~~ D0926-19BDUP 8/26/05 ew

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.11	0.11	0.0021	0.0087	0.0024	10:44:38	Yes
2	0.11	0.11	0.0022	0.0090	0.0025	10:45:08	Yes
Mean:	0.11	0.11	0.0021				
SD :	0.002	0.002	0.0000				
%RSD:	1.4	1.4	1.3621				

Element: Hg Seq. No.: 43 AS Loc.: 36 Date: 08/26/2005
Sample ID: ~~BLK~~ D0826-19BMS 8/26/05 AW

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.05	2.05	0.0390	0.1869	0.0393	10:45:58	Yes
2	2.03	2.03	0.0387	0.1873	0.0390	10:46:27	Yes
Mean:	2.04	2.04	0.0389				
SD :	0.010	0.010	0.0002				
%RSD:	0.5	0.5	0.5012				

Element: Hg Seq. No.: 44 AS Loc.: 37 Date: 08/26/2005
Sample ID: ~~BLK~~ D0826-20BMS AW 8/26/05

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.38	0.38	0.0073	0.0396	0.0076	10:47:17	Yes
2	0.38	0.38	0.0072	0.0406	0.0075	10:47:46	Yes
Mean:	0.38	0.38	0.0073				
SD :	0.002	0.002	0.0000				
%RSD:	0.5	0.5	0.4531				

Element: Hg Seq. No.: 45 AS Loc.: 7 Date: 08/26/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.01	5.01	0.0956	0.4516	0.0959	10:48:38	Yes
2	4.99	4.99	0.0951	0.4492	0.0954	10:49:07	Yes
Mean:	5.00	5.00	0.0953				
SD :	0.016	0.016	0.0003				
%RSD:	0.3	0.3	0.3283				

QC value within specified limits.

Element: Hg Seq. No.: 46 AS Loc.: 1 Date: 08/26/2005
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.01	0.01	0.0001	0.0018	0.0004	10:49:59	Yes
2	0.01	0.01	0.0001	0.0030	0.0004	10:50:28	Yes
Mean:	0.01	0.01	0.0001				
SD :	0.000	0.000	0.0000				
%RSD:	0.2	0.2	0.1819				

QC value within specified limits.

Element: Hg Seq. No.: 47 AS Loc.: 7 Date: 08/26/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.03	5.03	0.0958	0.4485	0.0961	10:54:28	Yes
2	5.05	5.05	0.0964	0.4484	0.0967	10:54:57	Yes
Mean:	5.04	5.04	0.0961				
SD :	0.020	0.020	0.0004				
%RSD:	0.4	0.4	0.3940				

QC failed, value greater than upper limit for Hg.
Current analysis method being continued.

Element: Hg Seq. No.: 48 AS Loc.: 1 Date: 08/26/2005
Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.01	-0.01	-0.0001	0.0010	0.0002	10:55:49	Yes
2	-0.01	-0.01	-0.0001	0.0007	0.0002	10:56:18	Yes
Mean:	-0.01	-0.01	-0.0001				
SD :	0.001	0.001	0.0000				
%RSD:	7.7	7.7	7.7474				

QC value within specified limits.

Element: Hg Seq. No.: 49 AS Loc.: 38 Date: 08/26/2005
Sample ID: D0926-07BMS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.17	3.17	0.0605	0.2885	0.0608	10:57:10	Yes
2	3.19	3.19	0.0608	0.2881	0.0611	10:57:39	Yes
Mean:	3.18	3.18	0.0606				
SD :	0.011	0.011	0.0002				
%RSD:	0.3	0.3	0.3312				

Element: Hg Seq. No.: 50 AS Loc.: 39 Date: 08/26/2005
Sample ID: BLK

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.01	-0.01	-0.0002	0.0003	0.0001	10:58:29	Yes
2	-0.01	-0.01	-0.0001	0.0011	0.0002	10:58:58	Yes
Mean:	-0.01	-0.01	-0.0002				
SD :	0.003	0.003	0.0001				
%RSD:	29.3	29.3	29.3241				

Element: Hg Seq. No.: 51 AS Loc.: 7 Date: 08/26/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.03	5.03	0.0959	0.4446	0.0962	10:59:50	Yes
2	5.01	5.01	0.0955	0.4419	0.0958	11:00:19	Yes
Mean:	5.02	5.02	0.0957				
SD :	0.013	0.013	0.0002				
%RSD:	0.3	0.3	0.2603				

QC value within specified limits.

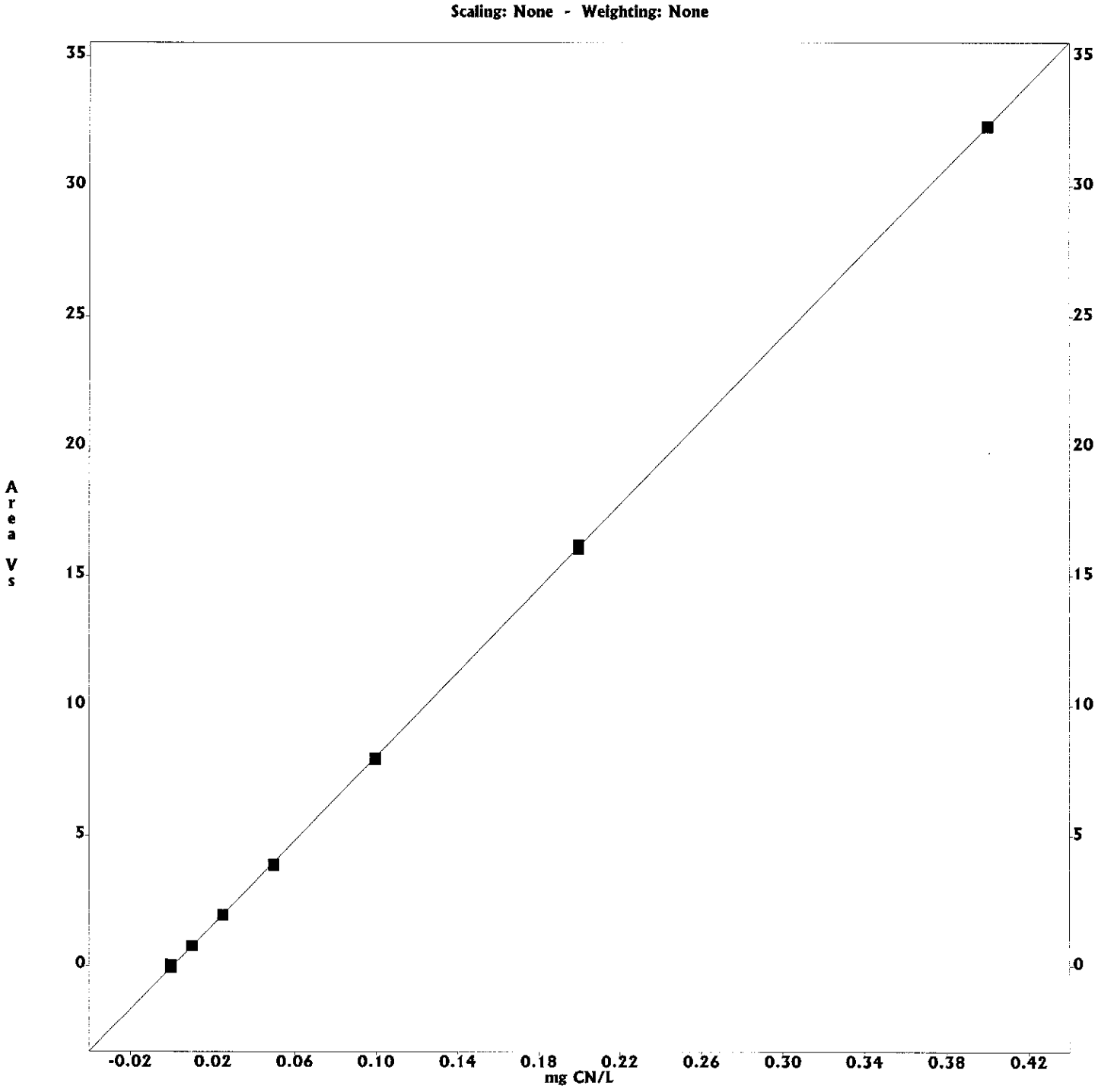
Element: Hg Seq. No.: 52 AS Loc.: 1 Date: 08/26/2005
Sample ID: CCB

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

CN

Lvl	Area	mg CN/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	54184	0.000	54184	-49524				73332.4	3147.2	
2	775870	0.010	775870	769538				4477.1	0.6	-2.1
3	1952496	0.025	1952496	1957974				3873.7	0.2	1.0
4	3873913	0.050	3873913	3911408				26513.0	0.7	3.0
5	7997445	0.100	7997445	7964081				23591.9	0.3	0.5
6	16206072	0.200	16206072	16065338				99514.0	0.6	-0.5
7	32298656	0.400	32298656	32316214				12415.4	0.0	0.0

1st Order Poly
Conc = 1.236e-008 Area + 6.166e-004
r = 1.0000



Printed: Friday, August 19, 2005 - 02:59 PM

OPERATOR: sng
ACQ. TIME: Aug 19, 2005 10:38:39
DATA FILENAME: C:\OMNION\DATA\CN\AUG05~1.DAT\C081905A.FDT
METHOD FILENAME: C:\OMNION\METHODS\CN\AUG05.MET\C081905A.MET
TRAY FILENAME: C:\OMNION\TRAYS\CN\AUG05.TRA\C081905A.TRA

TRAY DESCRIPTION:
Created: Aug 19, 2005 9:25:52
Modified: Aug 19, 2005 9:25:52
ANALYSIS: CYANIDE ANALYST: SN
DATA DESCRIPTION:
Created: Aug 19, 2005 10:38:39
Modified: Aug 19, 2005 10:38:39

Multi-Channel Table
Type: Calibration Standards
Channel Range: 1 to 8 -- Cup Range: 1 to 30

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CN (uv-s)	Man Dil Factor	Weight	Unit
1	S0	19 Aug 2005	10:39:00	2	2330.0703	1.0	1.00000	g
2	S0.01	19 Aug 2005	10:41:32	2	772704.0000	1.0	1.00000	g
3	S0.025	19 Aug 2005	10:44:04	2	1955235.1250	1.0	1.00000	g
4	S0.05	19 Aug 2005	10:46:36	2	3892660.2500	1.0	1.00000	g
5	S0.10	19 Aug 2005	10:49:08	2	7980763.0000	1.0	1.00000	g
6	S0.20	19 Aug 2005	10:51:41	2	6135705.0000	1.0	1.00000	g
7	S0.40	19 Aug 2005	10:54:12	2	2307435.0000	1.0	1.00000	g

OPERATOR: sng
ACQ. TIME: Aug 19, 2005 10:38:39
DATA FILENAME: C:\OMNION\DATA\CN\AUG05~1.DAT\C081905A.FDT
METHOD FILENAME: C:\OMNION\METHODS\CN\AUG05.MET\C081905A.MET
TRAY FILENAME: C:\OMNION\TRAYS\CN\AUG05.TRA\C081905A.TRA

TRAY DESCRIPTION:
Created: Aug 19, 2005 9:25:52
Modified: Aug 19, 2005 9:25:52
ANALYSIS: CYANIDE ANALYST: SN
DATA DESCRIPTION:
Created: Aug 19, 2005 10:38:39
Modified: Aug 19, 2005 10:38:39

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 30

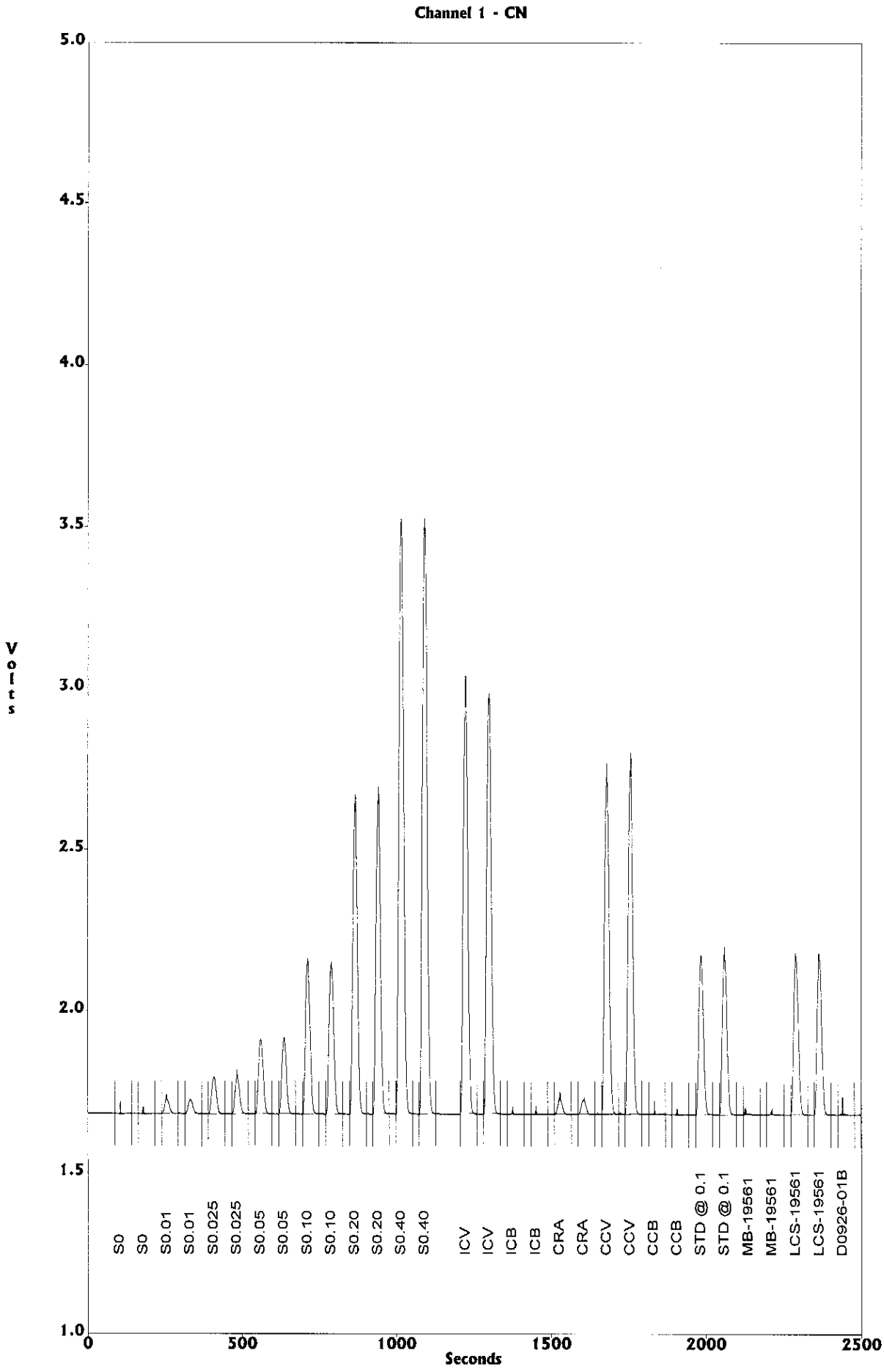
Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CN (mg CN/L)	Man Dil Factor	Weight	Unit	
1	ICV	19 Aug 2005	10:57:42	2	0.2742	1.0	1.00000	g	110%
2	ICB	19 Aug 2005	11:00:13	2	0.0010	1.0	1.00000	g	
3	CRA	19 Aug 2005	11:02:45	2	0.0098	1.0	1.00000	g	98%
4	CCV	19 Aug 2005	11:05:17	2	0.2211	1.0	1.00000	g	111%
5	CCB	19 Aug 2005	11:07:49	2	0.0014	1.0	1.00000	g	
6	STD @ 0.1	19 Aug 2005	11:10:21	2	0.1024	1.0	1.00000	g	102%
7	MB-19561	19 Aug 2005	11:12:53	2	0.0013	1.0	1.00000	g	
8	LCS-19561	19 Aug 2005	11:15:25	2	0.1025	1.0	1.00000	g	103%
9	D0926-01B	19 Aug 2005	11:17:57	2	0.0014	1.0	1.00000	g	
10	CCV	19 Aug 2005	11:20:29	2	0.2182	1.0	1.00000	g	109%
11	CCB	19 Aug 2005	11:23:00	2	0.0010	1.0	1.00000	g	
12	D0926-02B	19 Aug 2005	11:25:32	2	0.0026	1.0	1.00000	g	
13	D0926-03B	19 Aug 2005	11:28:04	2	0.0024	1.0	1.00000	g	
14	D0926-04B	19 Aug 2005	11:30:36	2	0.0017	1.0	1.00000	g	
15	D0926-05B	19 Aug 2005	11:33:08	2	0.0010	1.0	1.00000	g	
16	D0926-06B	19 Aug 2005	11:35:40	2	0.0022	1.0	1.00000	g	
17	D0926-07B	19 Aug 2005	11:38:12	2	0.0008	1.0	1.00000	g	RPD=15%
18	D0926-07BDUP	19 Aug 2005	11:40:43	2	0.0074	1.0	1.00000	g	
19	D0926-07BMS	19 Aug 2005	11:43:15	2	0.1124	1.0	1.00000	g	112%
20	CCV	19 Aug 2005	11:45:48	2	0.2205	1.0	1.00000	g	110%
21	CCB	19 Aug 2005	11:48:19	2	0.0005	1.0	1.00000	g	
22	D0926-08B	19 Aug 2005	11:50:51	2	0.0035	1.0	1.00000	g	
23	D0926-09B	19 Aug 2005	11:53:23	2	0.0011	1.0	1.00000	g	
24	D0926-10B	19 Aug 2005	11:55:55	2	0.0031	1.0	1.00000	g	
25	D0926-11B	19 Aug 2005	11:58:27	2	0.0017	1.0	1.00000	g	
26	D0926-12B	19 Aug 2005	12:00:59	2	0.0039	1.0	1.00000	g	
27	D0926-13B	19 Aug 2005	12:03:31	2	0.0026	1.0	1.00000	g	
28	D0926-14B	19 Aug 2005	12:06:02	2	0.0020	1.0	1.00000	g	
29	D0926-15B	19 Aug 2005	12:08:34	2	0.0019	1.0	1.00000	g	
30	CCV	19 Aug 2005	12:11:06	2	0.2205	1.0	1.00000	g	110%

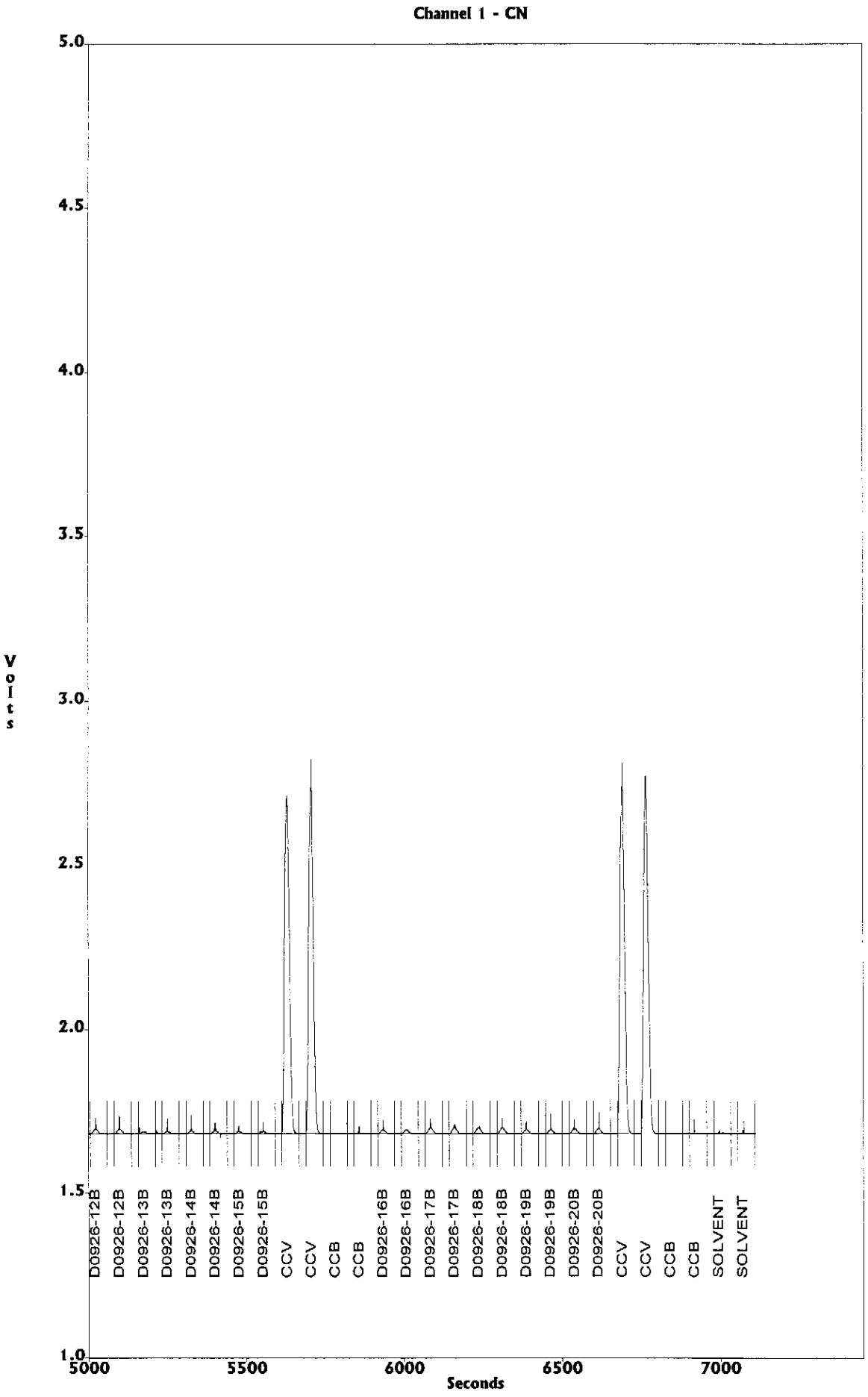
OPERATOR: sng
ACQ. TIME: Aug 19, 2005 10:38:39
DATA FILENAME: C:\OMNION\DATA\CN\AUG05~1.DAT\C081905A.FDT
METHOD FILENAME: C:\OMNION\METHODS\CN\AUG05.MET\C081905A.MET
TRAY FILENAME: C:\OMNION\TRAYS\CN\AUG05.TRA\C081905A.TRA

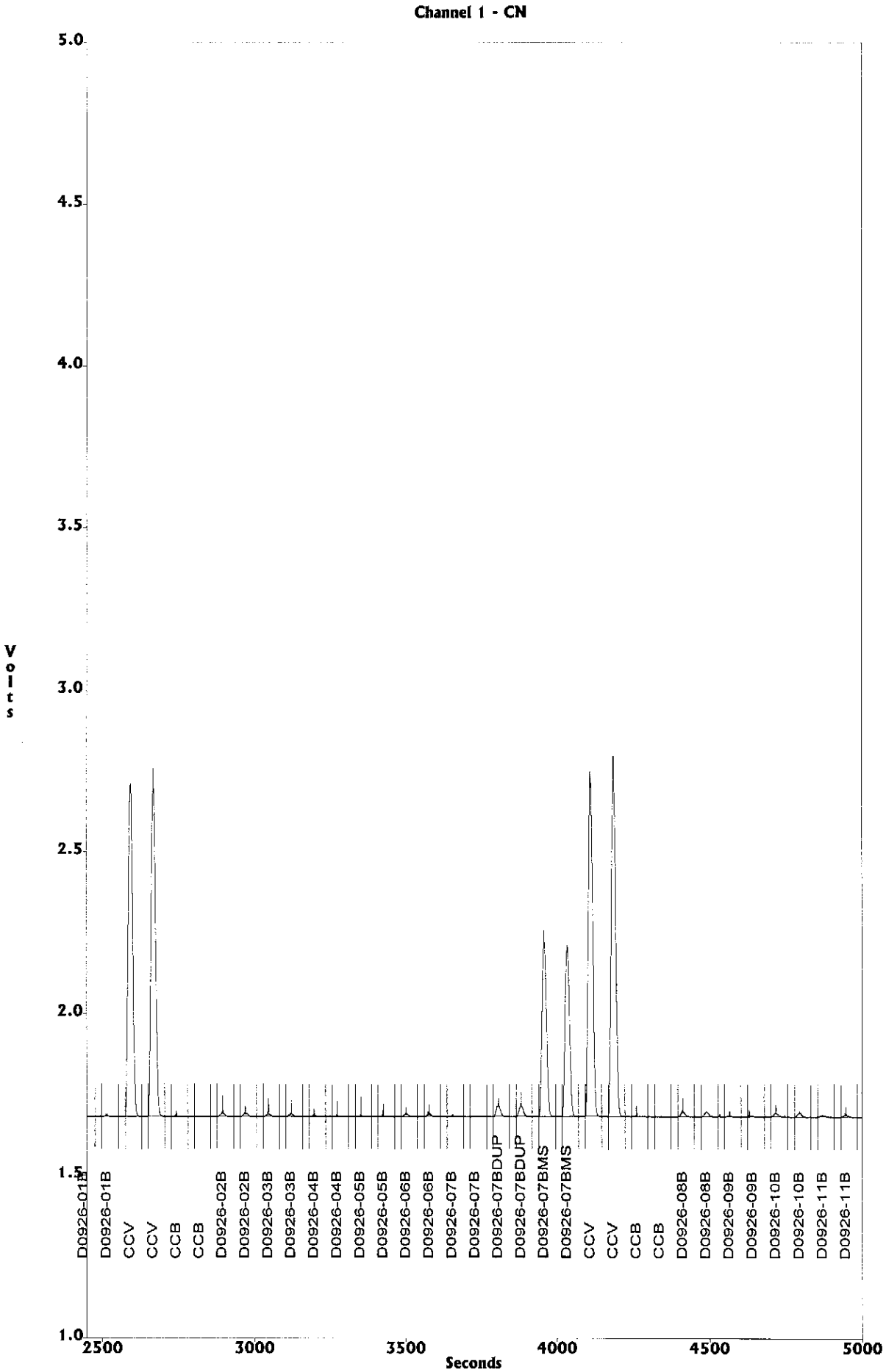
TRAY DESCRIPTION:
Created: Aug 19, 2005 9:25:52
Modified: Aug 19, 2005 9:25:52
ANALYSIS: CYANIDE ANALYST: SN
DATA DESCRIPTION:
Created: Aug 19, 2005 10:38:39
Modified: Aug 19, 2005 10:38:39

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 31 to 50

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CN (mg CN/L)	Man Dil Factor	Weight	Unit	
31	CCB	19 Aug 2005	12:13:38	2	0.0002	1.0	1.00000	g	
32	D0926-16B	19 Aug 2005	12:16:10	2	0.0028	1.0	1.00000	g	
33	D0926-17B	19 Aug 2005	12:18:42	2	0.0051	1.0	1.00000	g	
34	D0926-18B	19 Aug 2005	12:21:13	2	0.0046	1.0	1.00000	g	
35	D0926-19B	19 Aug 2005	12:23:46	2	0.0033	1.0	1.00000	g	
36	D0926-20B	19 Aug 2005	12:26:17	2	0.0036	1.0	1.00000	g	
37	CCV	19 Aug 2005	12:28:50	2	0.2218	1.0	1.00000	g	111%
38	CCB	19 Aug 2005	12:31:21	2	0.0008	1.0	1.00000	g	
39	SOLVENT	19 Aug 2005	12:33:53	2	0.0013	1.0	1.00000	g	


Channel 1 - CN
Volts
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0
500
1000
1500
2000
2500
Seconds
S0
S0
S0.01
S0.01
S0.025
S0.025
S0.05
S0.05
S0.10
S0.10
S0.20
S0.20
S0.40
S0.40
ICV
ICV
ICB
ICB
CRA
CRA
CCV
CCV
CCB
CCB
STD @ 0.1
STD @ 0.1
MB-19561
MB-19561
LCS-19561
LCS-19561
D0926-01B


Channel 1 - CN
Volts
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
5000
5500
6000
6500
7000
Seconds
D0926-12B
D0926-12B
D0926-13B
D0926-13B
D0926-14B
D0926-14B
D0926-15B
D0926-15B
CCV
CCV
CCB
CCB
D0926-16B
D0926-16B
D0926-17B
D0926-17B
D0926-18B
D0926-18B
D0926-19B
D0926-19B
D0926-20B
D0926-20B
CCV
CCV
CCB
CCB
SOLVENT
SOLVENT


Channel 1 - CN
Volts
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
2500
3000
3500
4000
4500
5000
Seconds
D0926-01B
D0926-01B
CCV
CCV
CCB
CCB
D0926-02B
D0926-02B
D0926-03B
D0926-03B
D0926-04B
D0926-04B
D0926-05B
D0926-05B
D0926-06B
D0926-06B
D0926-07B
D0926-07B
D0926-07BDUP
D0926-07BDUP
D0926-07BMS
D0926-07BMS
CCV
CCV
CCB
CCB
D0926-08B
D0926-08B
D0926-09B
D0926-09B
D0926-10B
D0926-10B
D0926-11B
D0926-11B

Creator: sng
Creation Date: Aug 19, 2005 9:25:52
Last Modified: Aug 19, 2005 9:25:52
Description: ANALYSIS: CYANIDE ANALYST: SN

Cup #	Sample ID	Manual Dilution	Sample Type	
1	S0	1.0000	CalStd	
2	S0.01	1.0000	CalStd	
3	S0.025	1.0000	CalStd	
4	S0.05	1.0000	CalStd	
5	S0.10	1.0000	CalStd	
6	S0.20	1.0000	CalStd	
7	S0.40	1.0000	CalStd	
1	ICV	1.0000	Unknown	
2	ICB	1.0000	Unknown	
3	CRA	1.0000	Unknown	
4	CCV	1.0000	Unknown	
5	CCB	1.0000	Unknown	
6	STD @ 0.1	1.0000	Unknown	
7	MB-19561	1.0000	Unknown	
8	LCS-19561	1.0000	Unknown	
9	D0926-01B	1.0000	Unknown	
10	CCV	1.0000	Unknown	
11	CCB	1.0000	Unknown	
12	D0926-02B	1.0000	Unknown	
13	D0926-03B	1.0000	Unknown	
14	D0926-04B	1.0000	Unknown	
15	D0926-05B	1.0000	Unknown	
16	D0926-06B	1.0000	Unknown	
17	D0926-07B	1.0000	Unknown	
18	D0926-07BDUP	1.0000	Unknown	
19	D0926-07BMS	1.0000	Unknown	
20	CCV	1.0000	Unknown	
21	CCB	1.0000	Unknown	
22	D0926-08B	1.0000	Unknown	
23	D0926-09B	1.0000	Unknown	
24	D0926-10B	1.0000	Unknown	
25	D0926-11B	1.0000	Unknown	
26	D0926-12B	1.0000	Unknown	
27	D0926-13B	1.0000	Unknown	
28	D0926-14B	1.0000	Unknown	
29	D0926-15B	1.0000	Unknown	
30	CCV	1.0000	Unknown	
31	CCB	1.0000	Unknown	
32	D0926-16B	1.0000	Unknown	
33	D0926-17B	1.0000	Unknown	
34	D0926-18B	1.0000	Unknown	
35	D0926-19B	1.0000	Unknown	

Cup #	Sample ID	Manual Dilution	Sample Type	
36	D0926-20B	1.0000	Unknown	
37	CCV	1.0000	Unknown	
38	CCB	1.0000	Unknown	
39	SOLVENT	1.0000	Unknown	

MITKEM CORPORATION SAMPLE RUN LOG: LACHAT INSTRUMENT

Date: 8/19/05 Analyst: SV

Analyses: Channel 1: CN Channel 2:

* results in mg/L

AS POS	Lab ID		AS POS	Lab ID		AS POS	Lab ID		AS POS	Lab ID		AS POS	Lab ID	
S1	S0.0		12	D0926	02B	32	D0926	16B	52			72		
S2	S0.01		13	~~CCV~~ SV 8/19/05	03B	33	↓	17B	53			73		
S3	S0.025		14	~~CCB~~ SV 8/19/05	04B	34	↓	18B	54			74		
S4	S0.05		15	↓	05B	35	↓	19B	55			75		
S5	S0.10		16	↓	06B	36	D0926	20B	56			76		
S6	S0.20		17	↓	07B	37	CCV		57			77		
S7	S0.40		18	↓	07B Dup	38	CCB		58			78		
S8	SV 8/19/05		19	D0926	07B MS	39	Solvent		59			79		
S9	↓		20	CCV		40	↓		60			80		
1	ICV		21	CCB		41	↓		61			81		
2	ICB		22	D0926	08B	42	↓		62			82		
3	CRA		23	↓	09B	43	↓		63			83		
4	CCV		24	↓	10B	44	SV 8/19/05		64			84		
5	CCB		25	↓	11B	45	↓		65			85		
6	STD @ 0.1		26	↓	12B	46	↓		66			86		
7	MB-19561		27	↓	13B	47	↓		67			87		
8	LCS-19561		28	↓	14B	48	↓		68			88		
9	D0926	01B	29	D0926	15B	49	↓		69			89		
10	CCV		30	CCV		50	↓		70			90		
11	CCB		31	CCB		51	↓		71			91		

*Report all results in mg/L

DATA FILE NAME c081905a

METHOD FILE NAME ↓

TRAY FILE NAME ↓

REPORT FILE NAME c081905a

Reagent Lots

Pyridine IR0508050l

NaOH IR0508080l

KH2PO4 IR0507220l

Barbituric Acid IR0508050l

Chloramine-T ~~IR0508180~~ SV 8/19/05 IR0508190Z

Other

Curve: IWN050805802

CCV: IWN050805803

Curve on 8/19/05

m = _____

b = _____

r = 1.0000

Logbook ID 100.0144-02/05

Reviewed by _____

Logbook page 082

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Prep Logbooks

- [x] ICP
- [x] Mercury
- [x] Cyanide
- [x] Percent Solids

D0926

ILM Soil 53

MITKEM CORPORATION: Soil/Solid Metals Prep Logbook

Date	Sample ID		Client ID	Sample Wt. (g)	Sample Color Before	Texture	1:1 HNO_3 ml	Conc. HNO_3 ml	30% H_2O_2 ml	Conc. HCl ml	Sample Color After	Sample Clarity After	Final Volume ml	Comments	Analyst
8/25/05	PBS-19669			1.00	—	—	10	5	10	5	pale yellow	clear	100		BV/SN
	LCSS			1.00	BROWN	FINE					pale yellow	clear	100		
	D0926	01B	SD03-S-0	1.27	DARK BROWN	Muddy					yellow	clear	100		
		02B	SD02-S-0	1.45	DARK BROWN	Muddy					yellow	clear	100		
		03B	SD02-S-D	1.45	BROWN	Muddy					yellow	clear	100		
		04B	SD12-S-0	1.15	BROWN	Muddy					yellow	clear	100		
		05B	SD01-S-0	1.24	BROWN	Muddy					yellow	clear	100		
		06B	SD07-S-0	1.50	DARK BROWN	Muddy					yellow	clear	100		
		07B	SD07-S-M	1.45	BROWN	Muddy					yellow	clear	100		
		07BDUP	SD07-S-M	1.45	BROWN	Muddy					yellow	clear	100		
		07BMS	SD07-S-M	1.45	BROWN	Muddy					yellow	clear	100		
		08B	SD05-S-0	1.44	DARK BROWN	Muddy					yellow	clear	100		
		09B	SD06-S-0	1.49	BROWN	Muddy					yellow	clear	100		
		10B	SD09-S-0	1.31	DARK BROWN	Muddy					yellow	clear	100		
		11B	SD08-S-0	1.15	DARK BROWN	Muddy					yellow	clear	100		
↓	↓	12B	SD10-S-0	1.08	DARK BROWN	Muddy	↓	↓	↓	↓	yellow	clear	100		↓
8/25/05	D0926	13B	SD11-S-0	1.36	DARK BROWN	Muddy	10	5	10	5	yellow	clear	100		BV/SN

HCl Lot# 4104090
HNO3 Lot# 1105010
H2O2 Lot# 051385

Method: ILM 5.3
SOP#: 100.0101 MOD

Digestion Temp: 95 oC
LCS/Spike Lot No.: I050324A / I050208C (100 ml)
I040809G (10%)
I040809F

RELINQUISHED TO: Dwayne Lobos

Reviewed By: _____

Logbook ID 100.0124-05/05

764

ILM 5.3

MITKEM CORPORATION: Soil/Solid Metals Prep Logbook

Date	Sample ID		Client ID	Sample Wt. (g)	Sample Color Before	Texture	1:1 HNO_3 ml	Conc. HNO_3 ml	30% H_2O_2 ml	Conc. HCl ml	Sample Color After	Sample Clarity After	Final Volume ml	Comments	Analyst
8/25/05	D0926	14B	SS04-S-0	1.49	ORANGE-BROWN	Muddy	10	5	10	5	yellow	clear	100		BV/SA
		15B	SS02-S-0	1.17	GRAY	Rocky					yellow	clear	100		
		16B	SS03-S-0	1.16	BROWN	Rocky					yellow	clear	100		
		17B	SS05-S-0	1.14	BROWN	Rocky					yellow	clear	100		
		18B	SS10-S-0	1.24	BROWN	Rocky					yellow	clear	100		
		19B	SS11-S-M	1.08	BROWN	Rocky					yellow	clear	100		
		19B DUP	SS11-S-M	1.08	BROWN	Rocky					yellow	clear	100		
		19B MS	SS11-S-M	1.08	BROWN	Rocky					yellow	clear	100		
8/25/05	D0926	30B	SS10-S-D	1.26	BROWN	Rocky	10	5	10	5	yellow	clear	100		BV/SA

8/25/05 BV

HCl Lot# 4104090
HNO3 Lot# 1105010
H2O2 Lot# 05/385

Method: ILM 5.3
SOP#: 100.0101MOD

Digestion Temp: 95 oC
LCS/Spike Lot No.: I050324A / I050208C 100ml
I040809G
I040809F 100ml

RELINQUISHED TO: Dw 8/26/05

Reviewed By: _____

Logbook ID 100.0124-07/05

2765

MITKEM CORPORATION: Mercury Digestion Logbook

D0926

I&M Soil Hg 5.3

Date	Bottle No.	Sample ID		Client ID	Sample Vol (ml)/ Wt (g)	Reagents Added: Conc. H_2SO_4 (ml)	Conc. HNO_3 (ml)	5% $KMnO_4$ (ml)	5% K_2SO_4 (ml)	Aqua-regia (ml)	Final Volume (ml)	Comments	Analyst
8/25/05	324	PBS-49668			0.2	5	2.5	15	8	–	100		BV/SH
	252	LCSS			0.2						100		
	318K	D0926 8/26/05 BV	01B	SD03-S-0	0.20						100		
	314		02B	SD02-S-0	0.23						100		
	21G		03B	SD02-S-D	0.23						100		
	10R		04B	SD12-S-0	0.22						100		
	199		05B	SD01-S-0	0.21						100		
	106		06B	SD07-S-0	0.23						100		
	12WB		07B	SD07-S-M	0.25						100		
	336A		07BDUP	SD07-S-M	0.25						100		
	335V		07BMS	SD07-S-M	0.25						100		
	14P		08B	SD05-S-0	0.24						100		
	204		09B	SD06-S-0	0.24						100		
	323A		10B	SD09-S-0	0.25						100		
	317A		11B	SD08-S-0	0.20						100		
8/25/05	106X	D0926	12B	SD10-S-0	0.21	5	2.5	15	8	–	100		BV/SH

Waters
In: NA
Out:
Matrix: Aqueous

Soils
In: 14:30
Out: 14:32
In: ~~2~~: 14:40
Out: 15:10
Matrix: Soil/Solid

LCSS: I050324A
Spike: I050809A

Temp: 95 °C
H_2SO_4 Lot # 3104070
HNO_3 Lot # 1105010
HCl Lot # 4104090
KMnO4 Lot # 050469
K2S2O8 Lot# 041401
Method # ILM 5.3

RELINQUISHED TO: 8-26-05 BVN

Reviewed by:

MITKEM CORPORATION: Mercury Digestion Logbook

Date	Bottle No.	Sample ID		Client ID	Sample Vol (ml)/ Wt (g)	Reagents Added: Conc. H_2SO_4 (ml)	Conc. HNO_3 (ml)	5% $KMnO_4$ (ml)	5% K_2SO_4 (ml)	Aqua-regia (ml)	Final Volume (ml)	Comments	Analyst
8/25/05	6X	D0926	13B	SD11-S-0	0.23	5	2.5	15	8	—	100		BV/SN
	332		14B	SD04-S-0	0.23						100		
	15RB		15B	SS02-S-0	0.24						100		
	125N		16B	SS03-S-0	0.21						100		
	20W		17B	SS05-S-0	0.23						100		
	218		18B	SS10-S-0	0.23						100		
	257		19B	SS11-S-M	0.22						100		
	46		19BD	PSS11-S-M	0.22						100		
	261		19BMS	SS11-S-M	0.22						100		
	152I	D0926	20B	SS10-S-0	0.24	5	2.5	15	8	—	100		
	329	50.0			100						100		
	194	50.2			0.04/100						100	II050809A	
	233	51.0			0.2/100						100		
	258	52.0			0.4/100						100		
	108	55.0			1.0/100						100		
8/25/05	112J	510.0			2.0/100	5	2.5	15	8	—	100	II050809A	BV/SN

Temp: 95 °C

Waters
In: N/A
Out:
Matrix: Aqueous

Soils
In: 14:30
Out: 14:32
In: 14:40
Out: 15:10
Matrix: Soil/Solid

LCSS: I050324A
Spike: II050809A

H_2SO_4 Lot # 3104090
HNO_3 Lot # 1105010
HCl Lot # 4104090
KMnO4 Lot # 050469
K2S2O8 Lot# 041401
Method # ILM 5.3

RELINQUISHED TO: Dw 8/25/05

Reviewed by:

2767

MITKEM CORPORATION: Mercury Digestion Logbook

Date	Bottle No.	Sample ID	Client ID	Sample Vol (ml)/ Wt (g)	Reagents Added: Conc. H_2SO_4 (ml)	Conc. HNO_3 (ml)	5% $KMnO_4$ (ml)	5% K_2SO_4 (ml)	Aqua-regia (ml)	Final Volume (ml)	Comments	Analyst
8/25/05	112	ICV		1.0/100	5	2.5	15	8	-	100	II050809B	BV/SH

8/25/05 BV

Temp: 95 °C

Waters
In: NA
Out:
Matrix: Aqueous

In: 14:30
In: 14:40

Soils
Out: 14:32
Out: 15:10

Matrix: Soil/Solid

LCSS II050324A

Spike II050809A

H_2SO_4 Lot # 3104070
HNO_3 Lot # 1105010
HCl Lot # 4104690
KMnO4 Lot # 050469
K2S2O8 Lot# 041401
Method # ILM 5.3

RELINQUISHED TO: Fedex Ann

Reviewed by:

768

MITKEM CORPORATION: CYANIDE DISTILLATION LOGBOOK

Date: 8/18/05 Time On: 10:30 1300 Time Off: 2:30 1500 Analyst: KB/SV

Place #	Lab ID		Sample Vol (ml) Weight (g)	Sample pH	Pb Ac Paper (Y/N)	O.1N NaAsO2 (ml)	KI Test (Y/N)	4N Sulfamic Acid (ml)	50% H2SO4	2.5M MgCl2 (ml)	Final Volume
1	PBSS-19561		50 ml	—	N	—	N	0.5	5	2	50
2	LCSS		50 ml								50
3	D0926	01B	1.09								50
4		02B	1.05								50
5		03B	1.24								50
6		04B	1.15								50
7		05B	1.09								50
8		06B	1.00								50
9		07B	1.16								50
10		07BDUP	1.16								50
1		07BMS	1.16								50
2		08B	1.09								50
3		09B	1.16								50
4		10B	1.09								50
5		11B	1.05								50
6		12B	1.01								50
7		13B	1.09								50
8		14B	1.10								50
9		15B	1.01								50
10	D0926	15B	1.22	—	N	—	N	0.5	5	2	50

Sulfamic Acid: IR0508170 1

Na_2AsO_2: —

H_2SO_4: IR0507140 4

Logbook ID: 100.0169-04/05

Std 0.1 = IWN0508050 1

$MgCl_2$: IR0508180 9

Cad. Carbonate: —

Temp: 125°

LCS ID: IWN0508050 3

Spike ID: IWI0508050 7

ICV ID: ~~IWI0508050 2~~ IWN0508050 2 Diluted

Std.0.2: —

Reviewed By: SBL 8/22/05

2769

MITKEM CORPORATION: CYANIDE DISTILLATION LOGBOOK

Date: 8/18/05 **Time On:** 15:30 **Time Off:** 17:30 **Analyst:** BW

Place #	Lab ID		Sample Vol (ml) Weight (g)	Sample pH	Pb Ac Paper (Y/N)	O.IN NaAsO2 (ml)	KI Test (Y/N)	4N Sulfamic Acid (ml)	50% H2SO4	2.5M MgCl2 (ml)	Final Volume
1	D0926	17B	1.12	—	N	—	N	0.5	5	2	50
2	↓	18B	1.04	↓	↓	↓	↓	↓	↓	↓	50
3	↓	19B	1.02	↓	↓	↓	↓	↓	↓	↓	50
4	D0926	20B	1.10	↓	↓	↓	↓	↓	↓	↓	50
5	ICV		50 ml	↓	↓	↓	↓	↓	↓	↓	50
6	Std 0.2 8/18/05 KB		50 ml	—	N	—	N	0.5	5	2	50
7											50
8											50
9											50
10											50
1											50
2											50
3											50
4											50
5											50
6											50
7											50
8											50
9											50
10											50

BW 8/18/05

Std 0.1 : IWW050805 01

LCS ID: IWW050805 03

Sulfamic Acid: IR050870 1

$MgCl_2$: IR050818 09

Spike ID: IWI050805 01

Na_2AsO_2: —

Cad. Carbonate: —

ICV ID: IWW050805 02

H_2SO_4: IR050714 04

Temp: 125°

Std.0.2: —

Logbook ID: 100.0169-04/05

Reviewed By: _____

2770

Percent Moisture and Percent Solids Report

Mitkem Sample ID	*Client Sample ID*	*Analyzed*	*Percent Moisture*	*Percent Solids*	*Validated*
D0926-01A	*OTMI-SD03-S-O*	08/11/2005	70	30	Yes
D0926-02A	*OTMI-SD02-S-O*	08/11/2005	79	21	Yes
D0926-03A	*OTMI-SD02-S-D*	08/11/2005	78	22	Yes
D0926-04A	*OTMI-SD12-S-O*	08/11/2005	63	37	Yes
D0926-05A	*OTMI-SD01-S-O*	08/11/2005	72	28	Yes
D0926-06A	*OTMI-SD07-S-O*	08/11/2005	48	52	Yes
D0926-07A	*OTMI-SD07-S-M*	08/11/2005	47	53	Yes
D0926-08A	*OTMI-SD05-S-O*	08/11/2005	76	24	Yes
D0926-09A	*OTMI-SD06-S-O*	08/11/2005	55	45	Yes
D0926-10A	*OTMI-SD09-S-O*	08/15/2005	40	60	Yes
D0926-11A	*OTMI-SD08-S-O*	08/15/2005	69	31	Yes
D0926-12A	*OTMI-SD10-S-O*	08/15/2005	50	50	Yes
D0926-13A	*OTMI-SD11-S-O*	08/15/2005	81	19	Yes
D0926-14A	*OTMI-SD04-S-O*	08/15/2005	71	29	Yes
D0926-15A	*OTMI-SS02-S-O*	08/15/2005	10	90	Yes
D0926-16A	*OTMI-SS03-S-O*	08/15/2005	14	86	Yes
D0926-17A	*OTMI-SS05-S-O*	08/15/2005	13	87	Yes
D0926-18A	*OTMI-SS10-S-O*	08/15/2005	12	88	Yes
D0926-19A	*OTMI-SS11-S-M*	08/15/2005	11	89	Yes
D0926-20A	*OTMI-SS10-S-D*	08/15/2005	12	88	Yes

MITKEM CORPORATION

* Wet Chemistry *

Mitkem Corporation

Date: 08/25/2005

TAL ORGANIC CARBON by Combust
E415_LK_TOC_S

Client:	Ecology and Environment	**Lab Order:**	D0926
Project:	Old Troy Landfill	**Date Received:**	08/11/2005
Units:	mg/Kg	**Matrix:**	Soil
Analyte:	Organic Carbon, Total	**Analyst:**	kbadura

Laboratory ID	Client Sample ID	Results	Qual	RL	DF	Date Analyzed	Batch ID
D0926-01B	SD03-S-O	44000	E	100	1	08/22/2005	19602
D0926-02B	SD02-S-O	58000	E	100	1	08/22/2005	19602
D0926-03B	SD02-S-D	51000	E	100	1	08/22/2005	19602
D0926-04B	SD12-S-O	21000	E	100	1	08/22/2005	19602
D0926-05B	SD01-S-O	39000	E	100	1	08/22/2005	19602
D0926-06B	SD07-S-O	41000	E	100	1	08/22/2005	19602
D0926-07B	SD07-S-M	35000	E	100	1	08/22/2005	19602
D0926-08B	SD05-S-O	34000	E	100	1	08/22/2005	19602
D0926-09B	SD06-S-O	20000	E	100	1	08/22/2005	19602
D0926-10B	SD09-S-O	32000	E	100	1	08/22/2005	19602
D0926-11B	SD08-S-O	39000	E	100	1	08/22/2005	19602
D0926-12B	SD10-S-O	28000	E	100	1	08/22/2005	19602
D0926-13B	SD11-S-O	51000	E	100	1	08/22/2005	19602
D0926-14B	SD04-S-O	29000	E	100	1	08/22/2005	19602

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

CLIENT: Ecology and Environment
Work Order: D0926
Project: Old Troy Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: E415_LK_TOC_S

Sample ID	MB-19602	SampType:	MBLK	TestCode:	E415_LK_TOC_S			Prep Date:	08/22/2005		Run ID:	TOC1_050822A	
Client ID:	MB-19602	Batch ID:	19602	Units:	mg/Kg			Analysis Date:	08/22/2005		SeqNo:	381783	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Organic Carbon, Total		ND	100										

Sample ID	LCS-19602	SampType:	LCS	TestCode:	E415_LK_TOC_S			Prep Date:	08/22/2005		Run ID:	TOC1_050822A	
Client ID:	LCS-19602	Batch ID:	19602	Units:	mg/Kg			Analysis Date:	08/22/2005		SeqNo:	381784	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Organic Carbon, Total		899.4	100	1000	0	89.9	50	150	0	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

TOC1_050822A

MITKEM TOC SOLIDS ANALYSIS LOGBOOK

Calibration Standard ID: IWP031001A
Initial Calibration Date: 7/29/05
LCS Standard ID: IWP031001A
ICV/CCV Standard ID: IWP031203B
Date: 8/22/05
Analyst: KB

	Lab ID		Sample Wt.(mg)	Conc (ppm C)	% Recovery	Comment
#1	ICV		2000 ppm	1759.60	88%	
#2	ICB		0 ppm	-0.88		
#3	MB-19602		0 ppm	4.49		
#4	LCS-19602		1000 ppm	899.44	90%	
#5	D0926	01B	8.6 mg	44249.58		
#6		02B	9.5 mg	57733.67		over-range
#7		03B	9.5 mg	51452.84		over-range
#8		04B	11.6 mg	20714.24		
#9		05B	10.2 mg	39368.83		over-range
#10	D0926	06B	9.8 mg	40857.10		
#11	CCV		2000 ppm	1761.23	88%	
#12	CCB		0 ppm	21.74		
#13	D0926	07B	11.8 mg	33638.96		Avr = 35299.99
#14		07B	9.7 mg	35790.93		
#15		07B	9.4 mg	34805.66		
#16		07B	9.2 mg	33964.39		
#17		08B	9.6 mg	33816.70		
#18		09B	11.6 mg	19884.73		
#19		10B	9.7 mg	31724.85		
#20	D0926	11B	10.3 mg	38971.35		
#21	CCV		2000 ppm	1798.19	90%	
#22	CCB		0 ppm	22.64		
#23	D0926	12B	9.3 mg	28806.78		
#24	D0926	13B	10.4 mg	50524.71		over-range
#25	D0926	14B	10.2 mg	28503.01		
#26	CCV		2000 ppm	1838.18	92%	
#27	CCB		0 ppm	6.32		
#28						
#29		8/22/05 KB				
#30						

8/24/05

Standard Check Sample +/- 15%
Method Blank < 6mg/L
LCS - 80% - 120%
Spike Sample - 75% - 125%

Detailed Analysis Report Print Date/Time: 2005/08/22 17:13:15

Sample ID: CCB
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221709
Timestamp: 2005/08/22 17:12
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6.3172	0.2527	83805	10.380	12.313	120

Last Message: Low Sample Detected

Sample ID: ICV
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08220959
Timestamp: 2005/08/22 10:06
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1643.1641	65.7266	21798472	11.794	12.790	339

Sample ID: ICV 88%
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221011
Timestamp: 2005/08/22 10:19
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1759.6038	70.3841	23343180	10.041	11.040	384

Sample ID: ICB
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221020
Timestamp: 2005/08/22 10:25
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	-0.8840	-0.0354	-11727	10.910	12.680	120

Last Message: Low Sample Detected

Sample ID: MB - 19602
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221028
Timestamp: 2005/08/22 10:31
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4.4870	0.1795	59526	10.101	11.459	120

Last Message: Low Sample Detected

Sample ID: LCS -19602 90%
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221033
Timestamp: 2005/08/22 10:42
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	899.4426	35.9777	11932147	10.061	11.061	357

Sample ID: D0926-01B
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221059
Timestamp: 2005/08/22 11:07
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	44249.5781	380.5464	126209704	11.066	16.387	420

Last Message: Max Integration Time Reached

Sample ID: D0926-02B
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221125
Timestamp: 2005/08/22 11:34
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	57733.6719	548.4699	181902208	10.059	20.617	420

Last Message: Over-range

Sample ID: D0926-03B
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221139
Timestamp: 2005/08/22 11:48
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	51452.8359	488.8019	162113088	11.625	17.304	420

Last Message: Over-range

Sample ID: D0926-04B
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221151
Timestamp: 2005/08/22 11:59
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	20714.2441	240.2852	79691544	11.473	14.049	420

Last Message: Max Integration Time Reached

Sample ID: D0926-05B
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221202
Timestamp: 2005/08/22 12:11
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	39368.8320	401.5621	133179640	11.210	14.674	420

Last Message: Over-range

Sample ID: D0926-06B
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221217
Timestamp: 2005/08/22 12:25
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	40857.0977	400.3996	132794096	10.762	16.167	420

Last Message: Max Integration Time Reached

Sample ID: ~~ICV~~ 8/22/05 ICB CCV 88%
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221312
Timestamp: 2005/08/22 13:20
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1761.2328	70.4493	23364792	10.011	11.007	380

Sample ID: CCB
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221322
Timestamp: 2005/08/22 13:26
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	21.7429	0.8697	288445	10.076	11.076	187

Sample ID: D0926-07B
Method: Boat Sampler
Mode: TOC
Filename: 08221328

Cal. Curve: 072905soil
Operator ID: USER1
Timestamp: 2005/08/22 13:37
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	33638.9570	396.9397	131646608	10.111		
34.941	420					

Last Message: Max Integration Time Reached

Sample ID: D0926-07B
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221344
Timestamp: 2005/08/22 13:52
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	35790.9336	347.1721	115140984	10.271	23.767	420

Last Message: Max Integration Time Reached

Sample ID: D0926-07B
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221401
Timestamp: 2005/08/22 14:10
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	34805.6602	327.1732	108508288	10.183	19.253	420

Last Message: Max Integration Time Reached

Sample ID: D0926-07B
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221415
Timestamp: 2005/08/22 14:24
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	33964.3867	312.4724	103632688	10.368	25.332	420

Last Message: Max Integration Time Reached

Sample ID: D0926-08B
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221430
Timestamp: 2005/08/22 14:38
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	33816.6992	324.6403	107668232	11.379	13.632	420

Last Message: Max Integration Time Reached

Sample ID: D0926-09B
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221441
Timestamp: 2005/08/22 14:50
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	19884.7305	230.6629	76500248	10.883	12.391	420

Last Message: Max Integration Time Reached

Sample ID: D0926-10B
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221459
Timestamp: 2005/08/22 15:07
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	31724.8477	307.7310	102060208	10.432	14.220	420

Last Message: Max Integration Time Reached

Sample ID: D0926-11B
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221508
Timestamp: 2005/08/22 15:17
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	38971.3516	424.7877	140882528	12.160	16.292	420

Last Message: Over-range

Sample ID: CCV
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1 8/22/05 43
Mode: TOC
Filename: 08221522
Timestamp: 2005/08/22 15:29
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1686.0504	67.4420	22367410	11.392	12.388	343

Sample ID: CCV 90%
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221533
Timestamp: 2005/08/22 15:41
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1798.1853	71.9274	23855010	10.870	11.869	359

Sample ID: CCB
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221548
Timestamp: 2005/08/22 15:53
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	22.6427	0.9057	300381	10.265	11.264	202

Sample ID: D0926-12B
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221556
Timestamp: 2005/08/22 16:06
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	28016.7812	260.5561	86414448	10.439	12.435	420

Last Message: Max Integration Time Reached

Sample ID: D0926-13B
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221617
Timestamp: 2005/08/22 16:26
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	50524.7070	525.4570	174269872	10.161	16.599	420

Last Message: Over-range

Sample ID: D0926-14B
Method: Boat Sampler
Cal. Curve: 072905soil
Operator ID: USER1
Mode: TOC
Filename: 08221631
Timestamp: 2005/08/22 16:39
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	28503.0098	291.8708	96800104	10.999	12.716	420

Last Message: Max Integration Time Reached

Sample ID: CCV 8/22/05 CB
Method: Boat Sampler
Mode: TOC
Filename: 08221651

Last Page of Data Report