SEVERN TRENT STL®

ANALYTICAL REPORT

JOB NUMBER: 213443

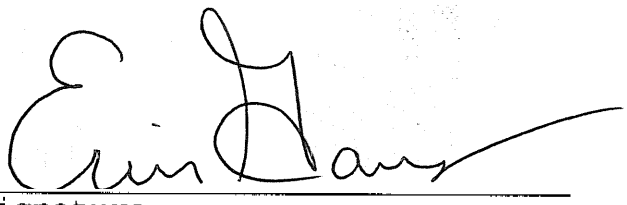
Prepared For:

ERM
520 Broad Hollow Road
Suite 210
Melville, NY 11747

Project: RAECO PRODUCTS

Attention: Andy Coenen

Date: 08/30/2006



Signature

September 1, 2006
Date

Name: Erin A. Gaus

Title: Project Manager

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STL Connecticut
128 Long Hill Cross Road
Shelton, CT 06484

This Report Contains (484) Pages

SEVERN TRENT STL®

STL Report : 213443
ERM

Case Narrative

Sample Receipt – All samples were received in good condition and at the proper temperature.

Organic Extraction - Samples were extracted according to method OLM4.2. No problems were encountered.

Volatile Organics – Volatile organics were determined by purge and trap GC/MS using USEPA CLP Protocols, OLM4.2.

The following samples had surrogates outside of recovery criteria. The samples were reanalyzed with similar results proving matrix interference. One set of results has been reported.

SB-39 (28-32)
SB-40 (4-5.5)

Sample Calculation:

Sample ID – SB-39 (28-32)
Compound – Methylene Chloride

$$\frac{(51533 \text{ area})(250 \text{ ng})(1)}{(95797 \text{ area})(3.896 \text{ area/ng})(5\text{g})(.786)} = 8.78 = 9 \text{ ug/kg}$$

Metals – ICAP metals were determined by ICP using a TJA61E Trace ICAP and mercury was determined by using a Perkin Elmer FIMS mercury analyzer following USEPA ILMO4.1 SOW.

Antimony, arsenic, silver, and sodium failed the controls for spike recovery analysis of sample SB-38 (4-8), resulting in four "N" flags.

Five "*" flags resulted from duplicate analysis of sample SB-38 (4-8) for aluminum, calcium, copper, magnesium, and mercury.

Four "E" flag resulted from serial dilution of sample SB-38 (4-8) for calcium, copper, potassium, and sodium.

Semi-Volatile Organics - Semi-volatile organic samples were analyzed by capillary GC/MS according to NYSDEC/CLP OLM4.2 Protocols. The instrumentation used was a Hewlett-Packard Gas Chromatograph interfaced with a Mass Selective Detector.

For OLM4.2, a 2ul injection was used for all samples and standards. The instrument was calibrated at 10ng/ul (20 ng), 25 ng/ul(50 ng), 40ng/ul(80ng), 60ng/ul(120ng) and 80ng/ul(160ng). Internal standards were added to all samples and standards were at 20ng/ul(40ng).

Due to the implementation of an electronic pressure controlled method a secondary ion (63) was used for the quantitation of Bis(2-chloroethyl)ether. A non-target compound, aniline (quant ion 93), was determined to coelute with Bis(2-chloroethyl)ether with this new method. Quantitation using the secondary ion ensures correct integration and quantitation of both compounds.

The SPIKE recovery for the compounds 2,4-dinitrophenol and 4,6-dinitro-2-methylphenol was above limits for 70505-2LCS. The laboratory generated control limits were derived from method 8270 due to insufficient data to develop statistically significant limits for CLP.

Samples SB-39(28-32) and SB-40(4-5.5) exhibited internal standard area enhancement. The samples were reanalyzed with similar results proving matrix interference. One set of results has been reported.

Sample MW-5D(24-26) was analyzed at a 1:2 dilution due to high levels of target compounds.

The TIC windows used for this SDG were calculated using the continuing calibration check standards retention times and are as follows:

Z6939	2.059-18.746
Z6967	2.023-18.658

Sample Calculation:

Sample ID – SB-39(28-32)
Compound - phenanthrene

$$\frac{(3504690\text{Area})(40\text{ng})(500\text{ul})(2)}{(1905907\text{Area})(.944\text{Area/ng})(2\text{ul})(30.1\text{g})(.786)} = 1646 = 1600\text{ug/kg}$$

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in the case narrative.

SEVERN TRENT STL®

SAMPLE INFORMATION
Date: 08/30/2006

Job Number.: 213443
Customer...: ERM
Attn.....: Andy Coenen

Project Number.....: 20001495
Customer Project ID....: RAECO PRODUCTS
Project Description....: Raeco Products

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
213443-1	SB-39(28-32)	Soil	08/07/2006	16:04	08/08/2006	09:30
213443-2	SB-40(4-5.5)	Soil	08/07/2006	16:15	08/08/2006	09:30

STL CONNECTICUT

LABORATORY TEST RESULTS

Job Number: 213443

Date:08/22/2006

CUSTOMER: ERM PROJECT: RAECO PRODUCTS ATTN: Andy Coenen

Customer Sample ID: SB-39(28-32)
Date Sampled.....: 08/07/2006
Time Sampled.....: 16:04
Sample Matrix.....: Soil

Laboratory Sample ID: 213443-1
Date Received.....: 08/08/2006
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	78.6			0.10	0.10	1	%	69668		08/08/06 0000	rlm
	% Moisture, Solid	21.4			0.10	0.10	1	%	69668		08/08/06 0000	rlm
OLM04.2	CLP Volatile Organic Analysis											
	Chloromethane, Solid*	ND	U		2	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Bromomethane, Solid*	ND	U		2	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Vinyl chloride, Solid*	ND	U		0.4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Chloroethane, Solid*	ND	U		1	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Methylene chloride, Solid*	9	J	B	2	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Acetone, Solid*	ND	U		6	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Carbon disulfide, Solid*	ND	U		0.5	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,1-Dichloroethene, Solid*	ND	U		0.5	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,1-Dichloroethane, Solid*	ND	U		0.5	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Chloroform, Solid*	0.6	J		0.1	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,2-Dichloroethane, Solid*	ND	U		0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	2-Butanone (MEK), Solid*	ND	U		4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,1,1-Trichloroethane, Solid*	2	J		0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Carbon tetrachloride, Solid*	ND	U		0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Bromodichloromethane, Solid*	ND	U		0.4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,2-Dichloropropane, Solid*	ND	U		0.8	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	cis-1,3-Dichloropropene, Solid*	ND	U		0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Trichloroethene, Solid*	37			0.5	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Dibromochloromethane, Solid*	ND	U		0.4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,1,2-Trichloroethane, Solid*	ND	U		0.8	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Benzene, Solid*	ND	U		0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	trans-1,3-Dichloropropene, Solid*	ND	U		0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Bromoform, Solid*	ND	U		0.4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	4-Methyl-2-pentanone (MIBK), Solid*	ND	U		0.8	13	1.00000	ug/Kg	70199		08/11/06 1941	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 213443 Date:08/22/2006

CUSTOMER: ERM PROJECT: RAECO PRODUCTS ATTN: Andy Coenen

Customer Sample ID: SB-39(28-32)
Date Sampled.....: 08/07/2006
Time Sampled.....: 16:04
Sample Matrix.....: Soil

Laboratory Sample ID: 213443-1
Date Received.....: 08/08/2006
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2-Hexanone, Solid*	ND	U		1	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Tetrachloroethene, Solid*	13			0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,1,2,2-Tetrachloroethane, Solid*	ND	U		0.4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Toluene, Solid*	ND	U	B	0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Chlorobenzene, Solid*	ND	U		0.4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Ethylbenzene, Solid*	ND	U		0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Styrene, Solid*	ND	U		0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Xylenes (total), Solid*	ND	U		0.4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	cis-1,2-Dichloroethene, Solid*	ND	U		0.4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	trans-1,2-Dichloroethene, Solid*	ND	U		0.6	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Methyl-tert-butyl-ether (MTBE), Solid*	ND	U		0.4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Dichlorodifluoromethane, Solid*	ND	U		0.6	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Trichlorofluoromethane, Solid*	ND	U		0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Trichlorotrifluoroethane, Solid*	ND	U		0.5	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Methyl acetate, Solid*	ND	U		3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Cyclohexane, Solid*	ND	U		0.5	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Methyl cyclohexane, Solid*	ND	U		0.4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,2-Dibromoethane (EDB), Solid*	ND	U		0.5	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Isopropylbenzene, Solid*	ND	U		0.1	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,3-Dichlorobenzene, Solid*	ND	U		0.4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,4-Dichlorobenzene, Solid*	ND	U		0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,2-Dichlorobenzene, Solid*	ND	U		0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,2-Dibromo-3-chloropropane, Solid*	ND	U		2	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,2,4-Trichlorobenzene, Solid*	ND	U		0.5	13	1.00000	ug/Kg	70199		08/11/06 1941	pam

* In Description = Dry Wgt.

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SB-39(28-32)

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Matrix: (soil/water) SOIL Lab Sample ID: 213443-1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 07567

Level: (low/med) LOW Date Received: 08/08/06

% Moisture: not dec. 21 Date Analyzed: 08/11/06

GC Column: DB-624 ID: 0.53 (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.	6044-71-9	DODECANE, 6-METHYL-	11.17	43	NJ
2.		UNKNOWN	11.60	20	J
3.		UNKNOWN ALKYLBENZENE	12.47	8	J
4.	3891-98-3	DODECANE, 2,6,10-TRIMETHYL-	12.51	19	NJ
5.		UNKNOWN	12.60	28	J
6.	91-57-6	NAPHTHALENE, 2-METHYL-	12.94	11	NJ
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
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22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

LABORATORY TEST RESULTS

Job Number: 213443

Date:08/22/2006

CUSTOMER: ERM PROJECT: RAECO PRODUCTS ATTN: Andy Coenen

Customer Sample ID: SB-40(4-5.5)
Date Sampled.....: 08/07/2006
Time Sampled.....: 16:15
Sample Matrix.....: Soil

Laboratory Sample ID: 213443-2
Date Received.....: 08/08/2006
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	82.6			0.10	0.10	1	%	69668		08/08/06 0000	rlm
	% Moisture, Solid	17.4			0.10	0.10	1	%	69668		08/08/06 0000	rlm
OLM04.2	CLP Volatile Organic Analysis											
	Chloromethane, Solid*	ND	U		1	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Bromomethane, Solid*	ND	U		2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Vinyl chloride, Solid*	ND	U		0.4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Chloroethane, Solid*	ND	U		1	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Methylene chloride, Solid*	12	J	B	2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Acetone, Solid*	27			6	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Carbon disulfide, Solid*	0.8	J		0.5	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,1-Dichloroethene, Solid*	ND	U		0.5	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,1-Dichloroethane, Solid*	ND	U		0.5	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Chloroform, Solid*	ND	U		0.1	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,2-Dichloroethane, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	2-Butanone (MEK), Solid*	ND	U		4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,1,1-Trichloroethane, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Carbon tetrachloride, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Bromodichloromethane, Solid*	ND	U		0.4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,2-Dichloropropane, Solid*	ND	U		0.7	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	cis-1,3-Dichloropropene, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Trichloroethene, Solid*	ND	U		0.5	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Dibromochloromethane, Solid*	ND	U		0.4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,1,2-Trichloroethane, Solid*	ND	U		0.7	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Benzene, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	trans-1,3-Dichloropropene, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Bromoform, Solid*	ND	U		0.4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	4-Methyl-2-pentanone (MIBK), Solid*	ND	U		0.7	12	1.00000	ug/Kg	70199		08/11/06 2007	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 213443 Date:08/22/2006

CUSTOMER: ERM PROJECT: RAECO PRODUCTS ATTN: Andy Coenen

Customer Sample ID: SB-40(4-5.5)
Date Sampled.....: 08/07/2006
Time Sampled.....: 16:15
Sample Matrix.....: Soil

Laboratory Sample ID: 213443-2
Date Received.....: 08/08/2006
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2-Hexanone, Solid*	ND	U		1	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Tetrachloroethene, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,1,2,2-Tetrachloroethane, Solid*	ND	U		0.4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Toluene, Solid*	ND	U	B	0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Chlorobenzene, Solid*	ND	U		0.4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Ethylbenzene, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Styrene, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Xylenes (total), Solid*	ND	U		0.4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	cis-1,2-Dichloroethene, Solid*	0.8	J		0.4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	trans-1,2-Dichloroethene, Solid*	ND	U		0.6	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Methyl-tert-butyl-ether (MTBE), Solid*	ND	U		0.4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Dichlorodifluoromethane, Solid*	ND	U		0.6	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Trichlorofluoromethane, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Trichlorotrifluoroethane, Solid*	ND	U		0.5	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Methyl acetate, Solid*	ND	U		3	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Cyclohexane, Solid*	ND	U		0.5	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Methyl cyclohexane, Solid*	ND	U		0.4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,2-Dibromoethane (EDB), Solid*	ND	U		0.5	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Isopropylbenzene, Solid*	ND	U		0.1	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,3-Dichlorobenzene, Solid*	ND	U		0.4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,4-Dichlorobenzene, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,2-Dichlorobenzene, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,2-Dibromo-3-chloropropane, Solid*	ND	U		2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,2,4-Trichlorobenzene, Solid*	ND	U		0.5	12	1.00000	ug/Kg	70199		08/11/06 2007	pam

* In Description = Dry Wgt.

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SB-40(4-5.5)

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Matrix: (soil/water) SOIL Lab Sample ID: 213443-2

Sample wt/vol: 5.0 (g/mL) G Lab File ID: O7568

Level: (low/med) LOW Date Received: 08/08/06

% Moisture: not dec. 17 Date Analyzed: 08/11/06

GC Column: DB-624 ID: 0.53 (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.	110-54-3	HEXANE	2.38	7	NJ
2.		UNKNOWN	12.48	10	J
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
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29.					
30.					

LABORATORY TEST RESULTS

Job Number: 213443

Date:08/28/2006

CUSTOMER: ERM PROJECT: RAECO PRODUCTS ATTN: Andy Coenen

Customer Sample ID: SB-39(28-32)
Date Sampled.....: 08/07/2006
Time Sampled.....: 16:04
Sample Matrix.....: Soil

Laboratory Sample ID: 213443-1
Date Received.....: 08/08/2006
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	78.6			0.10	0.10	1	%	69668		08/08/06 0000	rlm
	% Moisture, Solid	21.4			0.10	0.10	1	%	69668		08/08/06 0000	rlm
OLM04.2	CLP BNA Extractable Organics											
	Phenol, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Bis(2-chloroethyl)ether, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2-Chlorophenol, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2-Methylphenol, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2,2-oxybis (1-chloropropane), Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	4-Methylphenol, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	n-Nitroso-di-n-propylamine, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Hexachloroethane, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Nitrobenzene, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Isophorone, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2-Nitrophenol, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2,4-Dimethylphenol, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Bis(2-chloroethoxy)methane, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2,4-Dichlorophenol, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Naphthalene, Solid*	48	J		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	4-Chloroaniline, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Hexachlorobutadiene, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	4-Chloro-3-methylphenol, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2-Methylnaphthalene, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Hexachlorocyclopentadiene, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2,4,6-Trichlorophenol, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2,4,5-Trichlorophenol, Solid*	ND	U		110	1100	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2-Chloronaphthalene, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2-Nitroaniline, Solid*	ND	U		110	1100	1.00000	ug/Kg	70505		08/24/06 1509	jdw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 213443

Date:08/28/2006

CUSTOMER: ERM PROJECT: RAECO PRODUCTS ATTN: Andy Coenen

Customer Sample ID: SB-39(28-32)
Date Sampled.....: 08/07/2006
Time Sampled.....: 16:04
Sample Matrix.....: Soil

Laboratory Sample ID: 213443-1
Date Received.....: 08/08/2006
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dimethyl phthalate, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Acenaphthylene, Solid*	140	J		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2,6-Dinitrotoluene, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	3-Nitroaniline, Solid*	ND	U		110	1100	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Acenaphthene, Solid*	88	J		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2,4-Dinitrophenol, Solid*	ND	U		110	1100	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	4-Nitrophenol, Solid*	ND	U		110	1100	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Dibenzofuran, Solid*	70	J		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2,4-Dinitrotoluene, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Diethyl phthalate, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	4-Chlorophenyl phenyl ether, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Fluorene, Solid*	130	J	M	42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	4-Nitroaniline, Solid*	ND	U		110	1100	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	4,6-Dinitro-2-methylphenol, Solid*	ND	U		110	1100	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	n-Nitrosodiphenylamine, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	4-Bromophenyl phenyl ether, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Hexachlorobenzene, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Pentachlorophenol, Solid*	ND	U		110	1100	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Phenanthrene, Solid*	1600			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Anthracene, Solid*	450			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Carbazole, Solid*	70	J		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Di-n-butyl phthalate, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Fluoranthene, Solid*	2200			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Pyrene, Solid*	2300			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Butyl benzyl phthalate, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	3,3-Dichlorobenzidine, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Benzo(a)anthracene, Solid*	1800			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Chrysene, Solid*	1600			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Bis(2-ethylhexyl)phthalate, Solid*	140	J	HB	42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 213443

Date:08/28/2006

CUSTOMER: ERM

PROJECT: RAECO PRODUCTS

ATTN: Andy Coenen

Customer Sample ID: SB-39(28-32)
Date Sampled.....: 08/07/2006
Time Sampled.....: 16:04
Sample Matrix.....: Soil

Laboratory Sample ID: 213443-1
Date Received.....: 08/08/2006
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Di-n-octyl phthalate, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Benzo(b)fluoranthene, Solid*	1100			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Benzo(k)fluoranthene, Solid*	1000			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Benzo(a)pyrene, Solid*	1600			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Indeno(1,2,3-cd)pyrene, Solid*	1900			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Dibenzo(a,h)anthracene, Solid*	570			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Benzo(ghi)perylene, Solid*	1400			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Benzaldehyde, Solid*	51	J		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Acetophenone, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Caprolactam, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	1,1'-Biphenyl, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Atrazine, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw

* In Description = Dry Wgt.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-39(28-32)

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Matrix: (soil/water) SOIL Lab Sample ID: 213443-1

Sample wt/vol: 30.1 (g/mL) G Lab File ID: Z6971

Level: (low/med) LOW Date Received: 08/08/06

% Moisture: 21 Decanted: (Y/N) N Date Extracted:08/14/06

Concentrated Extract Volume: 500(uL) Date Analyzed: 08/24/06

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: ___ Extraction: (Type) CONT

Number TICs found: 30

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	2.57	410	J
2.	832-69-9	PHENANTHRENE, 1-METHYL-	8.05	360	NJ
3.	613-12-7	ANTHRACENE, 2-METHYL-	8.08	270	NJ
4.		UNKNOWN	8.17	450	J
5.		UNKNOWN	8.72	330	J
6.	33543-31-6	FLUORANTHENE, 2-METHYL-	9.28	370	NJ
7.	2381-21-7	PYRENE, 1-METHYL-	9.39	690	NJ
8.	243-17-4	11H-BENZO[B]FLUORENE	9.47	270	NJ
9.	3353-12-6	PYRENE, 4-METHYL-	9.51	480	NJ
10.	2381-21-7	PYRENE, 1-METHYL-	9.65	230	NJ
11.	64401-21-4	PYRENE, 1,3-DIMETHYL-	9.91	330	NJ
12.	82-05-3	7H-BENZ[DE]ANTHRACEN-7-ONE	10.01	260	NJ
13.	25732-74-5	3,4-DIHYDROCYCLOPENTA(CD)PY	10.20	240	NJ
14.	239-01-0	11H-BENZO[A]CARBAZOLE	10.78	260	NJ
15.	1705-84-6	TRIPHENYLENE, 2-METHYL-	11.13	450	NJ
16.		UNKNOWN	11.29	290	J
17.		UNKNOWN	11.38	280	J
18.		UNKNOWN PAH	12.46	460	J
19.		UNKNOWN	12.65	260	J
20.	192-97-2	BENZO[E]PYRENE	12.78	900	NJ
21.	198-55-0	PERYLENE	13.04	470	NJ
22.	220-97-3	11H-INDENO[2,1-A]PHENANTHRE	13.33	240	NJ
23.		UNKNOWN	14.78	420	J
24.		UNKNOWN PAH	14.95	710	J
25.		UNKNOWN PAH	15.42	480	J
26.	215-58-7	BENZO[B]TRIPHENYLENE	15.49	530	NJ
27.		UNKNOWN PAH	15.96	400	J
28.		UNKNOWN	16.62	240	J
29.	192-65-4	1,2:4,5-DIBENZOPYRENE	18.17	1100	NJ
30.	191-30-0	1,2:3,4-DIBENZOPYRENE	18.35	380	NJ

Job Number: 213443

LABORATORY TEST RESULTS

Date:08/28/2006

CUSTOMER: ERM PROJECT: RAECO PRODUCTS ATTN: Andy Coenen

Customer Sample ID: SB-40(4-5.5)
Date Sampled.....: 08/07/2006
Time Sampled.....: 16:15
Sample Matrix.....: Soil

Laboratory Sample ID: 213443-2
Date Received.....: 08/08/2006
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	82.6			0.10	0.10	1	%	69668		08/08/06 0000	rlm
	% Moisture, Solid	17.4			0.10	0.10	1	%	69668		08/08/06 0000	rlm
OLM04.2	CLP BNA Extractable Organics											
	Phenol, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Bis(2-chloroethyl)ether, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2-Chlorophenol, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2-Methylphenol, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2,2-oxybis (1-chloropropane), Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	4-Methylphenol, Solid*	80	J		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	n-Nitroso-di-n-propylamine, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Hexachloroethane, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Nitrobenzene, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Isophorone, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2-Nitrophenol, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2,4-Dimethylphenol, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Bis(2-chloroethoxy)methane, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2,4-Dichlorophenol, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Naphthalene, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	4-Chloroaniline, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Hexachlorobutadiene, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	4-Chloro-3-methylphenol, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2-Methylnaphthalene, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Hexachlorocyclopentadiene, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2,4,6-Trichlorophenol, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2,4,5-Trichlorophenol, Solid*	ND	U		100	1000	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2-Chloronaphthalene, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2-Nitroaniline, Solid*	ND	U		100	1000	1.00000	ug/Kg	70505		08/24/06 1536	jdw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 213443 Date:08/28/2006

CUSTOMER: ERM PROJECT: RAECO PRODUCTS ATTN: Andy Coenen

Customer Sample ID: SB-40(4-5.5)
Date Sampled.....: 08/07/2006
Time Sampled.....: 16:15
Sample Matrix.....: Soil

Laboratory Sample ID: 213443-2
Date Received.....: 08/08/2006
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dimethyl phthalate, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Acenaphthylene, Solid*	68	J		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2,6-Dinitrotoluene, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	3-Nitroaniline, Solid*	ND	U		100	1000	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Acenaphthene, Solid*	46	J		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2,4-Dinitrophenol, Solid*	ND	U		100	1000	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	4-Nitrophenol, Solid*	ND	U		100	1000	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Dibenzofuran, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2,4-Dinitrotoluene, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Diethyl phthalate, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	4-Chlorophenyl phenyl ether, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Fluorene, Solid*	54	J		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	4-Nitroaniline, Solid*	ND	U		100	1000	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	4,6-Dinitro-2-methylphenol, Solid*	ND	U		100	1000	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	n-Nitrosodiphenylamine, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	4-Bromophenyl phenyl ether, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Hexachlorobenzene, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Pentachlorophenol, Solid*	ND	U		100	1000	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Phenanthrene, Solid*	750			40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Anthracene, Solid*	190	J		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Carbazole, Solid*	63	J		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Di-n-butyl phthalate, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Fluoranthene, Solid*	1800			40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Pyrene, Solid*	690			40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Butyl benzyl phthalate, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	3,3-Dichlorobenzidine, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Benzo(a)anthracene, Solid*	750			40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Chrysene, Solid*	930			40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Bis(2-ethylhexyl)phthalate, Solid*	320	J	B	40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 213443 Date:08/28/2006

CUSTOMER: ERM PROJECT: RAECO PRODUCTS ATTN: Andy Coenen

Customer Sample ID: SB-40(4-5.5)
Date Sampled.....: 08/07/2006
Time Sampled.....: 16:15
Sample Matrix.....: Soil

Laboratory Sample ID: 213443-2
Date Received.....: 08/08/2006
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Di-n-octyl phthalate, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Benzo(b)fluoranthene, Solid*	1100			40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Benzo(k)fluoranthene, Solid*	650		M	40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Benzo(a)pyrene, Solid*	880		H	40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Indeno(1,2,3-cd)pyrene, Solid*	530		H	40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Dibenzo(a,h)anthracene, Solid*	120	J	H	40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Benzo(ghi)perylene, Solid*	440		H	40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Benzaldehyde, Solid*	170	J		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Acetophenone, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Caprolactam, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	1,1'-Biphenyl, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Atrazine, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw

* In Description = Dry Wgt.

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SB-40(4-5.5)

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Matrix: (soil/water) SOIL Lab Sample ID: 213443-2

Sample wt/vol: 30.2 (g/mL) G Lab File ID: Z6972

Level: (low/med) LOW Date Received: 08/08/06

% Moisture: 17 Decanted: (Y/N) N Date Extracted:08/14/06

Concentrated Extract Volume: 500(uL) Date Analyzed: 08/24/06

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: ___ Extraction: (Type) CONT

Number TICs found: 30 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN AMIDE	2.56	290	J
2.		UNKNOWN	6.16	170	J
3.	57-10-3	N-HEXADECANOIC ACID	8.16	300	NJ
4.	781-92-0	ANTHRACENE, 1,4-DIMETHYL-	8.65	260	NJ
5.	57-11-4	OCTADECANOIC ACID	8.98	160	NJ
6.	33543-31-6	FLUORANTHENE, 2-METHYL-	9.40	150	NJ
7.	239-35-0	BENZO[B]NAPHTHO[2,1-D]THIOPH	10.16	170	NJ
8.	1740-19-8	1-PHENANTHRENECARBOXYLIC ACI	10.32	580	NJ
9.	1705-84-6	TRIPHENYLENE, 2-METHYL-	11.15	190	NJ
10.	3351-31-3	CHRYSENE, 3-METHYL-	11.22	160	NJ
11.		UNKNOWN	11.46	180	J
12.		UNKNOWN	12.44	280	J
13.		UNKNOWN PAH	12.51	180	J
14.		UNKNOWN	12.70	400	J
15.	192-97-2	BENZO[E]PYRENE	12.84	550	NJ
16.		UNKNOWN	12.99	180	J
17.	198-55-0	PERYLENE	13.09	170	NJ
18.		UNKNOWN	13.28	370	J
19.		UNKNOWN	13.63	230	J
20.		UNKNOWN	13.76	220	J
21.		UNKNOWN	14.11	310	J
22.		UNKNOWN	14.23	630	J
23.		UNKNOWN	14.28	200	J
24.		UNKNOWN	14.88	1200	J
25.		UNKNOWN PAH	15.04	160	J
26.		UNKNOWN	15.65	450	J
27.		UNKNOWN	16.28	380	J
28.		UNKNOWN	16.42	180	J
29.		UNKNOWN	17.06	250	J
30.		UNKNOWN	18.01	180	J

U.S. EPA - CLP

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
SB-39(28-32)

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): SOILNY Solid Lab Sample ID: 213443-1

Level (low/med): _____ Date Received: 08/08/2006

% Solids: 78.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4890		*	P
7440-36-0	Antimony	41.5		N	P
7440-38-2	Arsenic	9.2		N	P
7440-39-3	Barium	65.1			P
7440-41-7	Beryllium	0.22	B		P
7440-43-9	Cadmium	3.6			P
7440-70-2	Calcium	66500		*E	P
7440-47-3	Chromium	9.9			P
7440-48-4	Cobalt	7.8	B		P
7440-50-8	Copper	129		*E	P
7439-89-6	Iron	31200			P
7439-92-1	Lead	1770			P
7439-95-4	Magnesium	24100		*	P
7439-96-5	Manganese	487			P
7439-97-6	Mercury	0.42		*	CV
7440-02-0	Nickel	13.9			P
7440-09-7	Potassium	954	B	E	P
7782-49-2	Selenium	1.3	U		P
7440-22-4	Silver	0.58	B	N	P
7440-23-5	Sodium	192	B	NE	P
7440-28-0	Thallium	4.9			P
7440-62-2	Vanadium	11.0			P
7440-66-6	Zinc	601			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN ILMO4.0

U.S. EPA - CLP

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-40(4-5.5)

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): SOILNY Solid Lab Sample ID: 213443-2

Level (low/med): _____ Date Received: 08/08/2006

% Solids: 82.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6270		*	P
7440-36-0	Antimony	0.74	U	N	P
7440-38-2	Arsenic	2.3		N	P
7440-39-3	Barium	144			P
7440-41-7	Beryllium	0.38	B		P
7440-43-9	Cadmium	1.0			P
7440-70-2	Calcium	99400		*E	P
7440-47-3	Chromium	8.5			P
7440-48-4	Cobalt	4.3	B		P
7440-50-8	Copper	19.6		*E	P
7439-89-6	Iron	10500			P
7439-92-1	Lead	159			P
7439-95-4	Magnesium	11200		*	P
7439-96-5	Manganese	260			P
7439-97-6	Mercury	0.28		*	CV
7440-02-0	Nickel	10.1			P
7440-09-7	Potassium	865	B	E	P
7782-49-2	Selenium	1.3	U		P
7440-22-4	Silver	0.080	U	N	P
7440-23-5	Sodium	4990		NE	P
7440-28-0	Thallium	3.2			P
7440-62-2	Vanadium	11.6			P
7440-66-6	Zinc	150			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN ILMO4.0

SEVERN TRENT STL®

LABORATORY CHRONICLE

Job Number: 213443 Date: 08/30/2006

CUSTOMER: ERM PROJECT: RAECO PRODUCTS ATTN: Andy Coenen

Lab ID: 213443-1 Client ID: SB-39(28-32) Date Recvd: 08/08/2006 Sample Date: 08/07/2006

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
ASTM D-2216		1	69668		08/08/2006	0000	
OLM04.2	CLP 5 g Purge Prep	1	69937				
OLM04.2	CLP BNA Extractable Organics	1	70505	70223	08/24/2006	1509	1.00000
OLM04.2	CLP BNA Extraction	1	70223		08/14/2006	0000	
ILM04.0	CLP Mercury Analysis (CVAA)	1	69736	69700	08/09/2006	1206	1.0000
ILM04.0	CLP Metals Analysis (ICAP)	1	70192	69753	08/21/2006	1912	
ILM04.0	CLP Metals Digestion (CVAA)	1	69700		08/09/2006	0000	
ILM04.0	CLP Metals Digestion (ICAP)	1	69753		08/09/2006	0000	
OLM04.2	CLP Volatile Organic Analysis	1	70199	69937	08/11/2006	1941	1.00000
BNA TIC	Semivolatile TIC	1	70539	70223	08/24/2006	1509	1.00000
VOA TIC	Volatile TIC	1	70506	69937	08/11/2006	1941	1.00000

Lab ID: 213443-2 Client ID: SB-40(4-5.5) Date Recvd: 08/08/2006 Sample Date: 08/07/2006

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
ASTM D-2216		1	69668		08/08/2006	0000	
OLM04.2	CLP 5 g Purge Prep	1	69937				
OLM04.2	CLP BNA Extractable Organics	1	70505	70223	08/24/2006	1536	1.00000
OLM04.2	CLP BNA Extraction	1	70223		08/14/2006	0000	
ILM04.0	CLP Mercury Analysis (CVAA)	1	69736	69700	08/09/2006	1207	1.0000
ILM04.0	CLP Metals Analysis (ICAP)	1	70192	69753	08/21/2006	1918	
ILM04.0	CLP Metals Digestion (CVAA)	1	69700		08/09/2006	0000	
ILM04.0	CLP Metals Digestion (ICAP)	1	69753		08/09/2006	0000	
OLM04.2	CLP Volatile Organic Analysis	1	70199	69937	08/11/2006	2007	1.00000
BNA TIC	Semivolatile TIC	1	70539	70223	08/24/2006	1536	1.00000
VOA TIC	Volatile TIC	1	70506	69937	08/11/2006	2007	1.00000

ALKANE NARRATIVE REPORT
Report date : 08/26/2006
SDG: 213443

Client Sample ID: SB-39(28-32)	Lab Sample ID: 213443-1		File ID: O7567
Compound	RT	Est. Conc.	Q
Unknown Cycloalkane	10.60	12	J
Unknown Cycloalkane	11.07	14	J
Unknown Cycloalkane	11.53	18	J
Unknown Alkane	11.68	29	J
Unknown Alkane	12.04	100	J
Unknown Cycloalkane	12.38	17	J
Unknown Cycloalkane	12.86	9	J

Client Sample ID: SB-40(4-5.5)	Lab Sample ID: 213443-2		File ID: O7568
Compound	RT	Est. Conc.	Q
Unknown Alkane	10.85	8	J
Unknown Cycloalkane	11.07	7	J
Unknown Alkane	11.17	41	J
Unknown Alkane	11.68	56	J

SURROGATE RECOVERIES REPORT

Job Number.: 213443 Report Date.: 08/22/2006

CUSTOMER: ERM PROJECT: RAECO PRODUCTS ATTN: Andy Coenen

Method.....: CLP Volatile Organic Analysis Method Code...: CLPVOA Prep Batch.....: 69937
Batch(s).....: 70199 Test Matrix...: Solid Equipment Code: MSO

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	TOLD8
MB-69937-1			08/11/2006	99	95	102
213443- 1		SB-39(28-32)	08/11/2006	80	53*	76*
213443- 2		SB-40(4-5.5)	08/11/2006	72	48*	69*

Test	Test Description	Limits
12DCED	1,2-Dichloroethane-d4 (surr)	70 - 121
BRFLBE	4-Bromofluorobenzene (surr)	59 - 113
TOLD8	Toluene-d8 (surr)	84 - 138

213443 Rpm 8/22/06

QUALITY CONTROL RESULTS

Job Number.: [redacted] Report Date.: 08/22/2006

CUSTOMER: ERM PROJECT: [redacted] ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	V06FWRK002	213407-8		08/10/2006	0721

Test Method.....: OLM04.2 Equipment Code....: MSO Analyst...: jdw
Method Description.: CLP Volatile Organic Analysis Batch.....: 70174

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,1-Dichloroethene, Solid	ug/Kg	39.63		59.88	0.48 U	66		59-172	
Trichloroethene, Solid	ug/Kg	35.52		59.88	0.48 U	59		62-137	*
Benzene, Solid	ug/Kg	36.85		59.88	0.24 U	62		66-142	*
Toluene, Solid	ug/Kg	31.83		59.88	0.24 U	53		59-139	*
Chlorobenzene, Solid	ug/Kg	27.09		59.88	0.36 U	45		60-133	*

Page 39 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

213443 Dom 8/22/06

QUALITY CONTROL RESULTS

Job Number.: [redacted] Report Date.: 08/22/2006

CUSTOMER: ERM PROJECT: [redacted] ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSB	Matrix Spike Blank	V06FWRK002	213407-8		08/11/2006	1233

Test Method.....: OLM04.2
Method Description.: CLP Volatile Organic Analysis
Equipment Code....: MSO
Batch.....: 70174
Analyst...: jdw

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,1-Dichloroethene, Solid	ug/Kg	55.26		59.88	0.48 U	92		59-172	
Trichloroethene, Solid	ug/Kg	54.50		59.88	0.48 U	91		62-137	
Benzene, Solid	ug/Kg	57.04		59.88	0.24 U	95		66-142	
Toluene, Solid	ug/Kg	55.22		59.88	1.08 J	90		59-139	
Chlorobenzene, Solid	ug/Kg	55.87		59.88	0.36 U	93		60-133	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

213443 Dan 8/22/06

QUALITY CONTROL RESULTS

Job Number.: [redacted] Report Date.: 08/22/2006

CUSTOMER: ERM PROJECT: [redacted] ATIN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	V06FWRK002	213407-8		08/10/2006	0747

Test Method.....: OLM04.2
Method Description.: CLP Volatile Organic Analysis
Equipment Code....: MSO
Batch.....: 70174
Analyst...: jdw

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,1-Dichloroethene, Solid	ug/Kg	39.13	39.63	59.88	0.48 U	65 1		59-172 22	
Trichloroethene, Solid	ug/Kg	32.07	35.52	59.88	0.48 U	54 10		62-137 24	*
Benzene, Solid	ug/Kg	34.35	36.85	59.88	0.24 U	57 7		66-142 21	*
Toluene, Solid	ug/Kg	30.21	31.83	59.88	0.24 U	50 5		59-139 21	*
Chlorobenzene, Solid	ug/Kg	25.67	27.09	59.88	0.36 U	43 5		60-133 21	*

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

213443 Am 8/22/06

QUALITY CONTROL RESULTS

Job Number.: [redacted] *

Report Date.: 08/22/2006

CUSTOMER: ERM PROJECT: [redacted] ATTN: Andy Coenen

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	V06FWRK002	70174-018		08/11/2006	1258

Test Method.....: OLM04.2
Method Description.: CLP Volatile Organic Analysis

Equipment Code....: MSO
Batch.....: 70174

Analyst...: jdw

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,1-Dichloroethene, Solid	ug/Kg	19.43		20.00	0.40 U	97	%	59-172	
Trichloroethene, Solid	ug/Kg	17.28		20.00	0.40 U	86	%	62-137	
Benzene, Solid	ug/Kg	17.24		20.00	0.20 U	86	%	66-142	
Toluene, Solid	ug/Kg	18.01		20.00	0.90 J	90	%	59-139	
Chlorobenzene, Solid	ug/Kg	18.78		20.00	0.30 U	94	%	60-133	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

SURROGATE RECOVERIES REPORT

Job Number.: 213443 Report Date.: 08/28/2006

CUSTOMER: ERM PROJECT: RABCO PRODUCTS ATTN: Andy Coenen

Method.....: CLP BNA Extractable Organics Method Code...: CLPBNA Prep Batch....: 70223
Batch(s).....: 70505 Test Matrix...: Solid Equipment Code: MSZ

Lab ID	DT	Sample ID	Date	12DCBD	246TBP	2FLUBP	2FLUPH	CHRPHD	NITRD5	PHEND5
LCS-70223-2			08/23/2006	81	93	88	90	88	84	87
MB-70223-1			08/23/2006	90	95	97	103	101	94	101
213443- 1		SB-39(28-32)	08/24/2006	38	66	72	68	70	69	76
213443- 2		SB-40(4-5.5)	08/24/2006	32	85	99	76	82	63	93

Test	Test Description	Limits
12DCBD	1,2-Dichlorobenzene-d4 (surr)	20 - 130
246TBP	2,4,6-Tribromophenol (surr)	19 - 122
2FLUBP	2-Fluorobiphenyl (surr)	30 - 115
2FLUPH	2-Fluorophenol (surr)	25 - 121
CHRPHD	2-Chlorophenol-d4 (surr)	20 - 130
NITRD5	Nitrobenzene-d5 (surr)	23 - 120
PHEND5	Phenol-d5 (surr)	24 - 113

Lab ID	DT	Sample ID	Date	TERD14
LCS-70223-2			08/23/2006	121
MB-70223-1			08/23/2006	110
213443- 1		SB-39(28-32)	08/24/2006	118
213443- 2		SB-40(4-5.5)	08/24/2006	58

Test	Test Description	Limits
TERD14	Terphenyl-d14 (surr)	18 - 137

QUALITY CONTROL RESULTS

Job Number.: 213443 Report Date.: 08/28/2006

CUSTOMER: ERM PROJECT: RAECO PRODUCTS ATTN: Andy Coenen

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	E06HSPK001	70223 -002		08/23/2006	1552

Test Method.....: OLM04.2 Equipment Code....: MSZ Analyst...: jdw
Method Description.: CLP BNA Extractable Organics Batch.....: 70505

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Phenol, Solid	ug/Kg	1177.45		1333.00	33.00 U	88	%	46-110	
Bis(2-chloroethyl)ether, Solid	ug/Kg	1184.15		1333.00	33.00 U	89	%	43-106	
2-Chlorophenol, Solid	ug/Kg	1226.59		1333.00	33.00 U	92	%	46-110	
2-Methylphenol, Solid	ug/Kg	1204.50		1333.00	33.00 U	90	%	42-113	
2,2-oxybis (1-chloropropane), Solid	ug/Kg	1143.24		1333.00	33.00 U	86	%	45-115	
4-Methylphenol, Solid	ug/Kg	2402.34		2667.00	33.00 U	90	%	45-117	
n-Nitroso-di-n-propylamine, Solid	ug/Kg	1194.61		1333.00	33.00 U	90	%	42-112	
Hexachloroethane, Solid	ug/Kg	1035.94		1333.00	33.00 U	78	%	34-106	
Nitrobenzene, Solid	ug/Kg	1162.23		1333.00	33.00 U	87	%	45-108	
Isophorone, Solid	ug/Kg	1201.43		1333.00	33.00 U	90	%	48-109	
2-Nitrophenol, Solid	ug/Kg	1190.31		1333.00	33.00 U	89	%	37-111	
2,4-Dimethylphenol, Solid	ug/Kg	1032.32		1333.00	33.00 U	77	%	36-114	
Bis(2-chloroethoxy)methane, Solid	ug/Kg	1208.29		1333.00	33.00 U	91	%	45-108	
2,4-Dichlorophenol, Solid	ug/Kg	1210.29		1333.00	33.00 U	91	%	45-113	
Naphthalene, Solid	ug/Kg	1177.73		1333.00	33.00 U	88	%	45-109	
4-Chloroaniline, Solid	ug/Kg	798.89		1333.00	33.00 U	60	%	18-78	
Hexachlorobutadiene, Solid	ug/Kg	1114.54		1333.00	33.00 U	84	%	40-109	
4-Chloro-3-methylphenol, Solid	ug/Kg	1267.01		1333.00	33.00 U	95	%	46-120	
2-Methylnaphthalene, Solid	ug/Kg	1154.46		1333.00	33.00 U	87	%	42-109	
Hexachlorocyclopentadiene, Solid	ug/Kg	1098.78		1333.00	33.00 U	82	%	5-106	
2,4,6-Trichlorophenol, Solid	ug/Kg	1263.98		1333.00	33.00 U	95	%	38-114	
2,4,5-Trichlorophenol, Solid	ug/Kg	1210.79		1333.00	83.00 U	91	%	45-117	
2-Chloronaphthalene, Solid	ug/Kg	1221.00		1333.00	33.00 U	92	%	46-111	
2-Nitroaniline, Solid	ug/Kg	1301.66		1333.00	83.00 U	98	%	49-122	
Dimethyl phthalate, Solid	ug/Kg	1317.30		1333.00	33.00 U	99	%	50-120	
Acenaphthylene, Solid	ug/Kg	1229.97		1333.00	33.00 U	92	%	49-117	
2,6-Dinitrotoluene, Solid	ug/Kg	1334.78		1333.00	33.00 U	100	%	51-126	
3-Nitroaniline, Solid	ug/Kg	950.11		1333.00	83.00 U	71	%	37-107	
Acenaphthene, Solid	ug/Kg	1233.25		1333.00	33.00 U	92	%	47-116	
2,4-Dinitrophenol, Solid	ug/Kg	1122.66		1333.00	83.00 U	84	%	10-36	*
4-Nitrophenol, Solid	ug/Kg	1331.02		1333.00	83.00 U	100	%	39-130	
Dibenzofuran, Solid	ug/Kg	1194.64		1333.00	33.00 U	90	%	49-117	
2,4-Dinitrotoluene, Solid	ug/Kg	1365.37		1333.00	33.00 U	102	%	51-127	
Diethyl phthalate, Solid	ug/Kg	1363.41		1333.00	33.00 U	102	%	49-126	
4-Chlorophenyl phenyl ether, Solid	ug/Kg	1244.11		1333.00	33.00 U	93	%	49-118	
Fluorene, Solid	ug/Kg	1247.60		1333.00	33.00 U	94	%	50-119	
4-Nitroaniline, Solid	ug/Kg	1172.21		1333.00	83.00 U	88	%	45-141	
4,6-Dinitro-2-methylphenol, Solid	ug/Kg	1486.46		1333.00	83.00 U	111	%	10-89	*
n-Nitrosodiphenylamine, Solid	ug/Kg	1435.11		1333.00	33.00 U	108	%	51-124	
4-Bromophenyl phenyl ether, Solid	ug/Kg	1392.32		1333.00	33.00 U	104	%	51-120	
Hexachlorobenzene, Solid	ug/Kg	1356.21		1333.00	33.00 U	102	%	51-122	
Pentachlorophenol, Solid	ug/Kg	947.40		1333.00	83.00 U	71	%	10-116	
Phenanthrene, Solid	ug/Kg	1406.80		1333.00	33.00 U	106	%	50-125	
Anthracene, Solid	ug/Kg	1377.33		1333.00	33.00 U	103	%	48-128	
Carbazole, Solid	ug/Kg	1310.63		1333.00	33.00 U	98	%	50-138	
Di-n-butyl phthalate, Solid	ug/Kg	1452.65		1333.00	33.00 U	109	%	51-130	
Fluoranthene, Solid	ug/Kg	1361.48		1333.00	33.00 U	102	%	48-131	
Pyrene, Solid	ug/Kg	1648.47		1333.00	33.00 U	124	%	49-131	
Butyl benzyl phthalate, Solid	ug/Kg	1635.00		1333.00	33.00 U	123	%	51-132	
3,3-Dichlorobenzidine, Solid	ug/Kg	987.00		1333.00	33.00 U	74	%	22-97	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 213443 Report Date.: 08/28/2006

CUSTOMER: ERM PROJECT: RAECO PRODUCTS ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	E06HSPK001	70223 -002		08/23/2006	1552

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Benzo(a)anthracene, Solid	ug/Kg	1543.00		1333.00	33.00	U 116	%	49-129	
Chrysene, Solid	ug/Kg	1542.06		1333.00	33.00	U 116	%	51-129	
Bis(2-ethylhexyl)phthalate, Solid	ug/Kg	1620.53		1333.00	99.60	J 122	%	51-134	
Di-n-octyl phthalate, Solid	ug/Kg	1698.11		1333.00	33.00	U 127	%	45-140	
Benzo(b)fluoranthene, Solid	ug/Kg	1659.91		1333.00	33.00	U 124	%	42-134	
Benzo(k)fluoranthene, Solid	ug/Kg	1544.85		1333.00	33.00	U 116	%	47-134	
Benzo(a)pyrene, Solid	ug/Kg	1557.06		1333.00	33.00	U 117	%	49-131	
Indeno(1,2,3-cd)pyrene, Solid	ug/Kg	1520.66		1333.00	33.00	U 114	%	42-127	
Dibenzo(a,h)anthracene, Solid	ug/Kg	1562.47		1333.00	33.00	U 117	%	42-127	
Benzo(ghi)perylene, Solid	ug/Kg	1485.19		1333.00	33.00	U 111	%	43-124	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

3
BLANKS

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No: ___ SAS No.: _____ SDG No.: _____

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	9.4	U	9.4	U	-36.4	B	-19.2	B	~~0.014~~	~~B~~	P
Antimony	3.8	B	6.4	B	3.7	U	3.7	U	-0.008	B	P
Arsenic	3.7	U	3.7	U	3.7	U	3.7	U	0.004	U	P
Barium	0.1	U	0.1	U	0.1	U	0.1	U	0.000	B	P
Beryllium	0.1	U	0.1	U	0.1	U	0.1	U	0.000	U	P
Cadmium	0.5	U	0.5	U	0.5	U	0.5	U	0.000	U	P
Calcium	12.5	U	12.5	U	12.5	U	24.9	B	0.012	U	P
Chromium	0.7	U	0.7	U	0.7	U	0.7	U	0.006	B	P
Cobalt	0.5	U	0.5	U	0.5	U	0.5	U	0.000	U	P
Copper	1.1	U	1.1	U	1.2	B	2.1	B	0.001	U	P
Iron	16.8	U	16.8	U	16.8	U	16.8	U	0.027	B	P
Lead	2.5	U	2.5	U	2.5	U	2.5	U	-0.004		P
Magnesium	3.6	U	3.6	U	3.6	U	33.1	B	0.004	U	P
Manganese	0.4	U	0.4	U	0.4	U	0.4	U	0.003	B	P
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.008	U	CV
Nickel	0.7	U	0.7	U	-0.7	B	0.7	U	0.002	B	P
Potassium	37.0	U	37.0	U	37.0	U	42.1	B	0.037	U	P
Selenium	6.4	U	6.4	U	6.4	U	6.4	U	-0.008		P
Silver	3.0	B	0.4	U	0.4	U	0.4	U	0.000	U	P
Sodium	40.0	U	80.2	B	69.8	B	558.4	B	0.6	B	P
Thallium	10.0	U	10.0	U	10.0	U	10.0	U	0.010	U	P
Vanadium	0.3	U	-0.3	B	-0.5	B	0.3	U	-0.000	B	P
Zinc	1.8	U	1.8	U	1.8	U	1.8	U	0.004	B	P
									04/23/06		

3
BLANKS

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No: ___ SAS No.: _____ SDG No.: _____

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			-49.5	B	-75.8	B	-89.5	B	1.9	U	
Antimony			4.4	B	3.7	U	3.7	U	0.7	U	
Arsenic			3.7	U	-4.0	B	3.7	U	0.7	U	
Barium			0.1	U	0.1	U	0.1	U	0.052	B	
Beryllium			0.1	U	0.1	U	0.1	U	-0.024	B	
Cadmium			0.5	U	0.5	U	0.5	U	0.1	U	
Calcium			12.5	U	12.5	U	12.5	U	31.6	B	
Chromium			0.7	U	0.7	U	0.7	U	0.1	U	
Cobalt			0.5	U	0.5	U	0.5	U	0.1	U	
Copper			2.1	B	2.3	B	2.8	B	0.4	B	
Iron			16.8	U	16.8	U	16.8	U	3.4	U	
Lead			2.5	U	2.5	U	2.5	U	0.5	U	
Magnesium			8.9	B	3.6	U	3.6	U	0.7	U	
Manganese			0.4	U	0.4	U	0.4	U	0.1	U	
Mercury											NR
Nickel			0.7	U	0.7	U	0.7	U	0.1	U	
Potassium			37.0	U	37.0	U	37.0	U	7.4	U	
Selenium			6.4	U	-8.6		6.4	U	1.3	U	
Silver			0.4	U	0.4	U	0.4	U	0.1	U	
Sodium			95.9	B	84.8	B	46.4	B	16.1	B	
Thallium			13.5		10.0	U	15.4		2.0	U	
Vanadium			-0.5	B	-0.8	B	-0.6	B	-0.1	B	
Zinc			1.8	U	1.8	U	1.8	U	0.4	U	

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3
BLANKS

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No:___ SAS No.: _____ SDG No.: _____

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			-88.2	B							P
Antimony			3.7	U							P
Arsenic			3.7	U							P
Barium			0.1	U							P
Beryllium			0.1	U							P
Cadmium			0.5	U							P
Calcium			12.5	U							P
Chromium			0.7	U							P
Cobalt			0.5	U							P
Copper			3.1	B							P
Iron			16.8	U							P
Lead			2.5	U							P
Magnesium			8.4	B							P
Manganese			0.4	U							P
Mercury											NR
Nickel			0.7	U							P
Potassium			37.0	U							P
Selenium			6.4	U							P
Silver			0.4	U							P
Sodium			45.4	B							P
Thallium			10.0	U							P
Vanadium			-0.6	B							P
Zinc			1.8	U							P

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4
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No: ___ SAS No.: _____ SDG No.: _____

ICP ID Number: ICAP1 ICS Source: M06FWRK008/M06FWRK010

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	467628	469673.0	93.9			
Antimony	0	600	1	549.6	91.6			
Arsenic	0	100	4	96.3	96.3			
Barium	0	500	-0	472.0	94.4			
Beryllium	0	500	-0	443.7	88.7			
Cadmium	0	1000	11	890.3	89.0			
Calcium	500000	500000	424373	425596.6	85.1			
Chromium	0	500	0	444.6	88.9			
Cobalt	0	500	-2	451.8	90.4			
Copper	0	500	-1	521.5	104.3			
Iron	200000	200000	174671	173886.8	86.9			
Lead	0	50	3	48.9	97.8			
Magnesium	500000	500000	461329	460357.5	92.1			
Manganese	0	500	-4	442.8	88.6			
Mercury								
Nickel	0	1000	-2	870.3	87.0			
Potassium								
Selenium	0	50	-12	32.5	65.0			
Silver	0	200	1	199.6	99.8			
Sodium								
Thallium	0	100	-24	75.9	75.9			
Vanadium	0	500	-0	452.4	90.5			
Zinc	0	1000	-10	928.9	92.9			

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5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

SB-38(4-8)S

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code:STLCT CASE No:____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): SOIL Level (low/med): _____

% Solids for Sample: 85.6

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
Aluminum		5292.6372		4247.3853		76.86	1359.9		P
Antimony	75-125	0.7109	U	0.7504	U	7.68	0.0	N	P
Arsenic	75-125	7.9905		6.9167		3.07	35.0	N	P
Barium	75-125	179.5401		84.3050		76.86	123.9		P
Beryllium	75-125	2.5447		0.2228	B	1.92	120.9		P
Cadmium	75-125	4.4188		1.0707		3.84	87.2		P
Calcium		36351.7963		54887.7218		384.28	-4823.5		P
Chromium	75-125	17.3618		9.0320		7.68	108.5		P
Cobalt	75-125	27.1048		4.5790	B	19.21	117.3		P
Copper		149.5930		479.6304		9.61	-3434.3		P
Iron		12212.1723		11730.4988		38.43	1253.4		P
Lead		188.3862		187.4548		1.54	60.5		P
Magnesium		9570.4741		21449.9378		384.28	-3091.4		P
Manganese		402.5090		372.8529		19.21	154.4		P
Mercury		1.0096		1.3248		0.17	-185.4		CV
Nickel	75-125	32.9442		10.2607		19.21	118.1		P
Potassium	75-125	940.5061	B	617.6565	B	384.28	84.0		P
Selenium	75-125	3.1707		1.2980	U	3.84	82.6		P
Silver	75-125	3.2735		2.1797		1.92	57.0	N	P
Sodium	75-125	746.3440	B	253.5726	B	384.28	128.2	N	P
Thallium	75-125	6.7943		3.2702		3.84	91.8		P
Vanadium	75-125	36.4699		14.8367		19.21	112.6		P
Zinc		149.2184		154.7996		19.21	-29.0		P

Comments:

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5B
POST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

SB-38(4-8)

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code:STLCT CASE No:____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): Soil Level (low/med): _____

Concentration Units:ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony	75-125	94.70		3.70	U	100.0	94.7		P
Arsenic	75-125	73.04		34.10		40.0	97.4		P
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury									NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver	75-125	56.01		10.75		50.0	90.5		P
Sodium	75-125	14704.63		1250.26	B	10000.0	134.5		P
Thallium									NR
Vanadium									NR
Zinc									NR

Comments:

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6
DUPLICATES

EPA SAMPLE NO.

SB-38(4-8)D

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No: ___ SAS No.: _____ SDG No.: _____

Matrix (soil/water): SOIL Level (low/med): _____

% Solids for Sample: 85.6 % Solids for Duplicate: 85.6

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

Analyte	Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		4247.3853		5412.7068		24.1	*	P
Antimony		0.7504	U	0.9735	U			P
Arsenic	3	6.9167		5.9012		15.8		P
Barium	53	84.3050		91.8741		8.6		P
Beryllium		0.2228	B	0.3005	B	29.7		P
Cadmium	1	1.0707		1.1173	B	4.2		P
Calcium		54887.7218		34549.4572		45.5	*	P
Chromium	3	9.0320		9.5236		5.3		P
Cobalt		4.5790	B	6.1728	B	29.6		P
Copper		479.6304		253.5163		61.7	*	P
Iron		11730.4988		13756.3357		15.9		P
Lead		187.4548		174.6612		7.1		P
Magnesium		21449.9378		13403.7145		46.2	*	P
Manganese		372.8529		348.6848		6.7		P
Mercury		1.3248		0.5282		86.0	*	CV
Nickel	10	10.2607		14.0702		31.3		P
Potassium		617.6565	B	621.8089	B	0.7		P
Selenium		1.2980	U	1.6839	U			P
Silver		2.1797		2.0646	B	5.4		P
Sodium		253.5726	B	198.5624	B	24.3		P
Thallium	3	3.2702		5.0922		43.6		P
Vanadium	13	14.8367		16.1011		8.2		P
Zinc		154.7996		180.9043		15.6		P

FORM VI - IN ILM04.0

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7
LABORATORY CONTROL SAMPLE

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No: ___ SAS No.: _____ SDG No.: _____

Solid LCS Source: M05DLCS001

Aqueous LCS Source: M06HLCS001

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/Kg) True	Found	C	Limits		%R
Aluminum	6000.0	5981.16	99.7	1500.0	1545.72		1200.0	1800.0	103.0
Antimony	1000.0	995.76	99.6	250.0	263.24		200.0	300.0	105.3
Arsenic	1000.0	1017.74	101.8	250.0	260.10		200.0	300.0	104.0
Barium	300.0	307.04	102.3	75.0	81.60		60.0	90.0	108.8
Beryllium	100.0	114.21	114.2	25.0	28.23		20.0	30.0	112.9
Cadmium	300.0	305.93	102.0	75.0	79.50		60.0	90.0	106.0
Calcium	30000.0	30911.27	103.0	7500.0	7970.87		6000.0	9000.0	106.3
Chromium	300.0	306.13	102.0	75.0	81.31		60.0	90.0	108.4
Cobalt	300.0	310.85	103.6	75.0	84.46		60.0	90.0	112.6
Copper	300.0	312.90	104.3	75.0	82.48		60.0	90.0	110.0
Iron	25000.0	25335.57	101.3	6250.0	6218.90		5000.0	7500.0	99.5
Lead	1000.0	1009.62	101.0	250.0	266.53		200.0	300.0	106.6
Magnesium	15000.0	15062.42	100.4	3750.0	3763.83		3000.0	4500.0	100.4
Manganese	200.0	204.51	102.2	50.0	51.75		40.0	60.0	103.5
Mercury									
Nickel	300.0	308.71	102.9	75.0	83.08		60.0	90.0	110.8
Potassium	20000.0	16555.08	82.8	5000.0	4740.66		4000.0	6000.0	94.8
Selenium	500.0	529.16	105.8	125.0	131.95		100.0	150.0	105.6
Silver	300.0	297.26	99.1	75.0	79.60		60.0	90.0	106.1
Sodium	30000.0	27253.42	90.8	7500.0	7194.13		6000.0	9000.0	95.9
Thallium	1000.0	987.66	98.8	250.0	244.34		200.0	300.0	97.7
Vanadium	300.0	304.91	101.6	75.0	81.34		60.0	90.0	108.4
Zinc	300.0	313.82	104.6	75.0	78.93		60.0	90.0	105.2

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7
LABORATORY CONTROL SAMPLE

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No: ___ SAS No.: _____ SDG No.: _____

Solid LCS Source: M06ALCS003

Aqueous LCS Source: _____

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/Kg) True	Found	C	Limits		%R
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury				2.3	2.42		1.6	3.1	105.2
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									

9

ICP SERIAL DILUTIONS

EPA SAMPLE NO.

SB-40(4-5.5)

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code:STLCT CASE No:____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): Soil Level (low/med): _____

Concentration Units:ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	31279.12		29680.53		5.1		P
Antimony	3.70	U	18.50	U			P
Arsenic	11.58		23.39	B	102.0		P
Barium	718.90		757.74	B	5.4		P
Beryllium	1.87	B	1.71	B	8.6		P
Cadmium	5.10		3.79	B	25.7		P
Calcium	495788.41		547037.07		10.3	E	P
Chromium	42.26		44.56	B	5.4		P
Cobalt	21.60	B	21.09	B	2.4		P
Copper	97.62		109.58	B	12.2	E	P
Iron	52143.23		55711.84		6.8		P
Lead	794.84		784.00		1.4		P
Magnesium	55707.66		56514.99		1.4		P
Manganese	1297.18		1394.21		7.5		P
Mercury							NR
Nickel	50.16		51.12	B	1.9		P
Potassium	4317.42	B	3197.72	B	25.9	E	P
Selenium	6.40	U	32.00	U			P
Silver	0.40	U	2.00	U			P
Sodium	24871.15		20210.46	B	18.7	E	P
Thallium	15.74		58.90		274.2		P
Vanadium	57.82		58.04	B	0.4		P
Zinc	748.36		768.32		2.7		P

REPORT COMMENTS

1) All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

2) Soil, sediment and sludge sample results are reported on a "dry weight" basis except when analyzed for landfill disposal or incineration parameters. All other solid matrix samples are reported on an "as received" basis unless noted differently.

3) Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

4) The test results for the noted analytical method(s) meet the requirements of NELAC. Lab Cert. ID# 10604
5) According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH Field) they were not analyzed immediately, but as soon as possible on laboratory receipt.

Glossary of flags, qualifiers and abbreviation

Inorganic Qualifiers (Q-Column)

U	Analyte was not detected at or above the reporting limit.
<	Not detected at or above the reporting limit.
J	Result is less than the RL, but greater than or equal to the method detection limit.
B	Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.
S	Result was determined by the Method of Standard Additions.

Inorganic Flags (Flag Column)

^	ICV,CCV,ICB,CCB,ISA,ISB,CRI,CRA,MRL: Instrument related QC exceed th upper or lower control limits.
*	LCS, LCD, MD: Batch QC exceeds the upper or lower control limits.
+	MSA correlation coefficient is less than 0.995.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
E	SD: Serial dilution exceeds the control limits.
H	MB, EB: Batch QC is greater than reporting limit or had a negative instrument reading lower than the absolute value of the reporting limit.
N	MS, MSD: Spike recovery exceeds the upper or lower control limits.
W	PS: Post-digestion spike was outside 85-115% control limits.

Organic Qualifiers (Q - Column)

U	Analyte was not detected at or above the reporting limit.
ND	Compound not detected.
J	Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).
Q	Result was qualitatively confirmed, but not quantified.
C	Pesticide identification was confirmed by GC/MS.
Y	The chromatographic response resembles a typical fuel pattern.
Z	The chromatographic response does not resemble a typical fuel pattern.
E	Result exceeded calibration range, secondary dilution required.

Organic Flags (Flags Column)

^	MB,EB, MLE: Batch QC is greater than reporting limit.
*	LCS, LCD, CCV, MS, MSD, Surrogate, RS:Batch QC exceeds the upper or lower control limits.
A	Concentration exceeds the instrument calibration range or below the reporting limit.
B	Compound was found in the blank.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.
H	Alternate peak selection upon analytical review
I	Indicates the presence of an interfence, recovery is not calculated.
M	Manually integrated compound.
P	The lower of the two values is reported when the % difference between the results of two GC columns is greater than 25%.

Abbreviations

Batch	Designation given to identify a specific extraction, digestion, preparation set, or analysis set
CAP	Capillary Column
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CF	Confirmation Analysis
CRA	Low Level Standard Check - GFAA; Mercury
CRI	Low Level Standard Check - ICP
Dil Fac	Dilution Factor
DL	Secondary dilution and analysis
DLFac	Detection Limit Factor
DSH	Distilled Standard - High Level
DSL	Distilled Standard - Low Level
DSM	Distilled Standard - Medium Level
EB	Extraction Blank
ICB	Initial Calibration Blank
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ISA	Interference Check Sample A
ISB	Interference Check Sample B
Job No.	The first six digits of the sample ID which refers to a specific client, project and sample group
Lab ID	An 8 number unique laboratory identification
LCD	Laboratory Control Standard Duplicate
LCS	Laboratory Control Standard with reagent grade water or a matrix free from the analyte of interest
MB	Method Blank or (PB) Preparation Blank
MD	Method Duplicate
MDL	Method Detection Limit
MLE	Medium Level Extraction Blank
MRL	Method Reporting Limit Standard
MSA	Method of Standard Additions
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not Detected
PACK	Packed Column
PREPF	Preparation factor used by the Laboratory's Information Management System (LIMS)
PS	Post Spike
PSD	Post Spike Duplicate
RA	Re-analysis
RE	Re-extraction and analysis
RL	Reporting Limit
RPD	Relative Percent Difference of duplicate (unrounded) analyses
RRF	Relative Response Factor
RS	Reference Standard
RT	Retention Time
RTW	Retention Time Window
SampleID	A 9 digit number unique for each sample, the first six digits are referred as the job number
SCB	Seeded Control Blank
SD	Serial Dilution
UCB	Unseeded Control Blank

One or a combination of these data qualifiers and abbreviations may appear in the analytical report.

STL-Connecticut
Certification Summary (as of May 2006)

The laboratory identification numbers for the STL-Connecticut laboratory are provided in the following table. Many states certify laboratories for specific parameters or tests within a category (i.e. method 325.2 for wastewater). The information in the following table indicates the lab is certified in a general category of testing such as drinking water or wastewater analysis. The laboratory should be contacted directly if parameter-specific certification information is required.

State	Responsible Agency	Certification	Expiration Date	Lab Number
Connecticut	Department of Health Services	Drinking Water, Wastewater	12/31/06	PH-0497
Maine	Department of Health and Environmental Services	Drinking Water, Wastewater/Solid, Hazardous Waste	04/18/07	CT023
Massachusetts	Department of Environmental Protection	Potable/Non-Potable Water	06/30/06	CT023
New Hampshire	Department of Environmental Services	Drinking Water, Wastewater	08/29/06	2528
New Jersey	Department of Environmental Protection	Drinking Water, Wastewater	06/30/06	CT410
New York	Department of Health	CLP, Drinking Water, Wastewater, Solid/ Hazardous Waste **NELAC**	04/01/07	10602
Rhode Island	Department of Health	Chemistry...Non- Potable Water and Wastewater	12/30/06	A43
Utah	Department of Health	RCRA	05/31/07	2032614458

MISCELLANEOUS DOCUMENTS

1495 ERM ① 1.6°C ② 3.4°C

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed:
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: ERM
1159 Pittsford-Victor Road Suite 200
Pittsford, NY 14534
Former Raeco Products site, NY
Project Mgr.: Jeremy Wolf

~~Invoice~~ Report To: QA/QC - Andy Coenen
(631) 756-8900 (phone)
520 Broad Hollow Rd. Ste. 210
Melville, NY 11746
P.O. No.: RQN:

Project No.: 0021427 ph. 3
Site Name: Former Raeco Products (NYSDEC)
Location: Rochester, NY State:
Sampler(s): R. Taylor / W. Upfold

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8= $NaHSO_4$ 9=___ 10=___

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1=___ X2=___ X3=___

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	TCL VOC OLC 02.1	TCL SVOC OLC 02.1	TAL metals ILM 04.2	QA Reporting Notes
✓ (01)	FB080706	8/7/06	1330	G	W	HCl HNO3	2	2		1	X	X	X	*Need ASP Cat B Deliverables
✓ (02)	SB-36(12-16)	8/7/06	1530	C	SO	NONE		1	1		X	X	X	
✓ (03)	SB-36(16-20)	8/7/06	1533	C	SO			1	1		X	X	X	
✓ (04)	SB-38(4-8)(MS/MSD)	8/7/06	1535	C	SO			3	3		X	X	X	* 2 coolers
✓ (05)	SB-38(0-4)	8/7/06	1542	C	SO			1	1		X	X	X	
✓ (06)	SB-37(16-20)	8/7/06	1545	C	SO			1	1		X	X	X	
✓ (07)	SB-37(12-16)	8/7/06	1550	C	SO			1	1		X	X	X	← 2oz. bottle has no ID - time matches
✓ (08)	SB-39(0-4)	8/7/06	1600	C	SO			1	1		X	X	X	← 2oz. has no ID. time matches 8/8/06
(01) (09)	SB-39(28-32)	8/7/06	1604	C	SO			1	1		X	X	X	
(02) (10)	SB-40(4-5.5)	8/7/06	1615	C	SO			1	1		X	X	X	

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DPH RCP Report

QA/QC Reporting Level
- ☐ Standard ☐ No QC
- ☐ Other

State specific reporting standards:

- ☐ Fax results when available to ( )
- ☒ E-mail to Andy.Coenen@ERM.com

EDD

Condi

Relinquished by:	Received by:	Date:	Time:
[signature]		8/7/06	1730
	[signature]	8/18/06	930

213443 08/20/2006
ERM
ANDY COENEN
RAECO PRODUCTS

Job Sample Receipt Checklist Report V2

...ber.: 213443 Location.: 57207 Check List Number.: 1 Description.:
...er Job ID.....: Job Check List Date.: Date of the Report..: 08/08/2006
... Number.: 20001495 Project Description.: Raeco Products Project Manager.....: eag
...er.....: ERM Contact.: Andy Coenen

... ?	(Y/N) Comments	
...t-Custody Present?.....	Y	
..."S", completed properly?.....	Y	
...eal on shipping container?.....	Y	
..."", custody seal intact?.....	Y	
...dy seals on sample containers?.....	N	
..."yes", custody seal intact?.....		
...ded?.....	Y	
...ture of cooler acceptable? (4 deg C +/- 2).	Y	1.6C,3.4C
... received intact (good condition)?.....	Y	
... samples acceptable? (no headspace).....		
... containers used?.....	Y	
... sample volume provided?.....	Y	
...s preserved correctly?.....		
...s received within holding-time?.....	Y	
...ment between COC and sample labels?.....	Y	
...activity at or below background levels?.....	Y	
...ple Discrepancy Report (SDR) was needed?.....	N	
.....		
...ples were shipped was there an air bill #?..	Y	FE 8576 6232 9161
...ustodian Signature/Date.....		KBLLLL 8/8/06

Page 1

STL CONNECTICUT

STL - Connecticut
Internal Chain-of-Custody

213443

08/20/2006

ERM
ANDY COENEN
RAECO PRODUCTS

Trip Blank: —

QC: — Air: —

FB: —

Soil: 01-02 Water: —

Date Received: 8/8/06

Sample #s: 01-02

Locations: A3, R12AA

Laboratory Sample #	Relinquished by	Accepted by	Date	Time	Reason	Relinquished by	Accepted by	Date	Time
1-2	TD	BC	8806	1320	MTL	BC	TD	8806	1430
1-2	TD	SMF	8/9	8:40	MTL	SMF	TJ	8/9	9:30
1-2	CP	DM	8/11/06	14:40	VOA				
1-2	CP	JB	08/14	1435	Ext	GM	CP	8/15	930

STL Form# SMF00507.CT

Fraction: (BNA) / Pesticide-PCB / Herbicide / O/P Pesticide / DRO / Other (Circle one)

CLIENT: ERM

JOB NO: 213443

SAMPLE IN (Extractions)					SAMPLE IN (Extractions)				
Sample(s)	Date	Time	Sign.	Location	Sample(s)	Date	Time	Sign.	Location
1,2	8/22	1400	DMfic PH	36					

SAMPLE OUT					SAMPLE IN			
Sample(s)	Date	Time	Code	Sign.	Date	Time	Location	Sign.
1,2	8/23	1400	an	mbe	8/23	1500	36	mbe
1,2	8/24	1400	AN	mbe	8/24	1500	36	mbe

Codes: SC = Screening AN = Analysis

Verified By: Widomski Date: 8-29-06

Lab Form: SMF01201.CT

SEVERN TRENT STL

CHAIN OF CUSTODY
ATOMIC SPECTROSCOPY DEPARTMENT

Job Number: 213443 **Sample Numbers:** 1, 2

WATER - (SOIL) - SLUDGE - TCLP/SPLP

I confirm that I have performed the preparation below following SOP guidelines and authorize the release of the preparation:

Sample Prep:

BL	8/9/06	**ICP**
SMF	8/9/06	**Mercury**
Chemist	Date(s)	

I confirm that I have performed the analysis below following SOP guidelines and authorize the release of all associated data:

Analysis:

[signature]	8/21/06	**ICP**
[signature]	8/21/06	**Mercury**
Chemist	Date(s)	

I have reviewed and authorized the release of the job:

Complete: [signature] 8/29/06
Supervisor Date

QAF02600.CT

Severn Trent Laboratories, Inc.
STL Connecticut • 128 Long Hill Cross Road, Shelton, CT 06484
Tel 203 929 8140 Fax 203 929 8142 • www.stl-inc.com
A part of Severn Trent plc

SDG NARRATIVE

STL Report : 213443
ERM

Case Narrative

Sample Receipt – All samples were received in good condition and at the proper temperature.

Organic Extraction - Samples were extracted according to method OLM4.2. No problems were encountered.

Volatile Organics – Volatile organics were determined by purge and trap GC/MS using USEPA CLP Protocols, OLM4.2.

The following samples had surrogates outside of recovery criteria. The samples were reanalyzed with similar results proving matrix interference. One set of results has been reported.

SB-39 (28-32)
SB-40 (4-5.5)

Sample Calculation:

Sample ID – SB-39 (28-32)
Compound – Methylene Chloride

$$\frac{(51533 \text{ area})(250 \text{ ng})(1)}{(95797 \text{ area})(3.896 \text{ area/ng})(5\text{g})(.786)} = 8.78 = 9 \text{ ug/kg}$$

Metals – ICAP metals were determined by ICP using a TJA61E Trace ICAP and mercury was determined by using a Perkin Elmer FIMS mercury analyzer following USEPA ILMO4.1 SOW.

Antimony, arsenic, silver, and sodium failed the controls for spike recovery analysis of sample SB-38 (4-8), resulting in four "N" flags.

Five "*" flags resulted from duplicate analysis of sample SB-38 (4-8) for aluminum, calcium, copper, magnesium, and mercury.

Four "E" flag resulted from serial dilution of sample SB-38 (4-8) for calcium, copper, potassium, and sodium.

Semi-Volatile Organics - Semi-volatile organic samples were analyzed by capillary GC/MS according to NYSDEC/CLP OLM4.2 Protocols. The instrumentation used was a Hewlett-Packard Gas Chromatograph interfaced with a Mass Selective Detector.

For OLM4.2, a 2ul injection was used for all samples and standards. The instrument was calibrated at 10ng/ul (20 ng), 25 ng/ul(50 ng), 40ng/ul(80ng), 60ng/ul(120ng) and 80ng/ul(160ng). Internal standards were added to all samples and standards were at 20ng/ul(40ng).

Due to the implementation of an electronic pressure controlled method a secondary ion (63) was used for the quantitation of Bis(2-chloroethyl)ether. A non-target compound, aniline (quant ion 93), was determined to coelute with Bis(2-chloroethyl)ether with this new method. Quantitation using the secondary ion ensures correct integration and quantitation of both compounds.

The SPIKE recovery for the compounds 2,4-dinitrophenol and 4,6-dinitro-2-methylphenol was above limits for 70505-2LCS. The laboratory generated control limits were derived from method 8270 due to insufficient data to develop statistically significant limits for CLP.

Samples SB-39(28-32) and SB-40(4-5.5) exhibited internal standard area enhancement. The samples were reanalyzed with similar results proving matrix interference. One set of results has been reported.

Sample MW-5D(24-26) was analyzed at a 1:2 dilution due to high levels of target compounds.

The TIC windows used for this SDG were calculated using the continuing calibration check standards retention times and are as follows:

Z6939	2.059-18.746
Z6967	2.023-18.658

Sample Calculation:

Sample ID – SB-39(28-32)
Compound - phenanthrene

$$\frac{(3504690\text{Area})(40\text{ng})(500\text{ul})(2)}{(1905907\text{Area})(.944\text{Area/ng})(2\text{ul})(30.1\text{g})(.786)} = 1646 = 1600\text{ug/kg}$$

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in the case narrative.

I certify that this data package is in compliance with the terms and conditions of this 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 his designee, as verified by the following signature.

Peter Frick

Peter Frick
Laboratory Director

August 30, 2006
Date

ALKANE NARRATIVE REPORT
Report date : 08/26/2006
SDG: 213443

Client Sample ID: SB-39(28-32) Lab Sample ID: 213443-1 File ID: O7567

Compound	RT	Est. Conc.	Q
Unknown Cycloalkane	10.60	12	J
Unknown Cycloalkane	11.07	14	J
Unknown Cycloalkane	11.53	18	J
Unknown Alkane	11.68	29	J
Unknown Alkane	12.04	100	J
Unknown Cycloalkane	12.38	17	J
Unknown Cycloalkane	12.86	9	J

Client Sample ID: SB-40(4-5.5) Lab Sample ID: 213443-2 File ID: O7568

Compound	RT	Est. Conc.	Q
Unknown Alkane	10.85	8	J
Unknown Cycloalkane	11.07	7	J
Unknown Alkane	11.17	41	J
Unknown Alkane	11.68	56	J

ALKANE NARRATIVE REPORT
Report date : 08/28/2006
SDG: 213443

Client Sample ID: 70223-1MB Lab Sample ID: 70223-1MB File ID: Z6940

Compound	RT	Est. Conc.	Q
Unknown Cycloalkane	6.99	92	J

Client Sample ID: SB-40(4-5.5) Lab Sample ID: 213443-2 File ID: Z6972

Compound	RT	Est. Conc.	Q
Unknown Cycloalkane	6.96	170	J
Unknown straight alkane	7.90	230	J
Unknown straight alkane	8.32	330	J
Unknown straight alkane	8.73	480	J
Unknown Alkane	8.89	240	J
Unknown straight alkane	9.12	160	J
Unknown straight alkane	9.51	170	J
Unknown straight alkane	9.92	120	J

SURROGATE RECOVERIES REPORT

Job Number.: 213443 Report Date.: 08/22/2006

CUSTOMER: ERM PROJECT: RAECO PRODUCTS ATTN: Andy Coenen

Method.....: CLP Volatile Organic Analysis Method Code...: CLPVOA Prep Batch....: 69937
Batch(s).....: 70199 Test Matrix...: Solid Equipment Code: MSO

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	TOLD8
MB-69937-1			08/11/2006	99	95	102
213443- 1		SB-39(28-32)	08/11/2006	80	53*	76*
213443- 2		SB-40(4-5.5)	08/11/2006	72	48*	69*

Test	Test Description	Limits
12DCED	1,2-Dichloroethane-d4 (surr)	70 - 121
BRFLBE	4-Bromofluorobenzene (surr)	59 - 113
TOLD8	Toluene-d8 (surr)	84 - 138

213443 Rpm 8/22/06

QUALITY CONTROL RESULTS

Job Number.: [redacted] Report Date.: 08/22/2006

CUSTOMER: ERM PROJECT: [redacted] ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	V06PWRK002	213407-8		08/10/2006	0721

Test Method.....: OLM04.2 Equipment Code....: MSO Analyst...: jdw
Method Description.: CLP Volatile Organic Analysis Batch.....: 70174

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,1-Dichloroethene, Solid	ug/Kg	39.63		59.88	0.48 U	66		59-172	
Trichloroethene, Solid	ug/Kg	35.52		59.88	0.48 U	59		62-137	*
Benzene, Solid	ug/Kg	36.85		59.88	0.24 U	62		66-142	*
Toluene, Solid	ug/Kg	31.83		59.88	0.24 U	53		59-139	*
Chlorobenzene, Solid	ug/Kg	27.09		59.88	0.36 U	45		60-133	*

Page 39 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

213443 Dom 8/22/06

QUALITY CONTROL RESULTS

Job Number.: [redacted] Report Date.: 08/22/2006

CUSTOMER: ERM PROJECT: [redacted] ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSB	Matrix Spike Blank	V06FWRK002	213407-8		08/11/2006	1233

Test Method.....: OLM04.2
Method Description.: CLP Volatile Organic Analysis
Equipment Code....: MSO
Batch.....: 70174
Analyst...: jdw

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
1,1-Dichloroethene, Solid	ug/Kg	55.26		59.88	0.48	U	92		59-172	
Trichloroethene, Solid	ug/Kg	54.50		59.88	0.48	U	91		62-137	
Benzene, Solid	ug/Kg	57.04		59.88	0.24	U	95		66-142	
Toluene, Solid	ug/Kg	55.22		59.88	1.08	J	90		59-139	
Chlorobenzene, Solid	ug/Kg	55.87		59.88	0.36	U	93		60-133	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

213443 Dan 8/22/06

QUALITY CONTROL RESULTS

Job Number.: [redacted] Report Date.: 08/22/2006

CUSTOMER: ERM PROJECT: [redacted] ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	V06FWRK002	213407-8		08/10/2006	0747

Test Method.....: OLM04.2
Method Description.: CLP Volatile Organic Analysis
Equipment Code....: MSO
Batch.....: 70174
Analyst...: jdw

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
1,1-Dichloroethene, Solid	ug/Kg	39.13	39.63	59.88	0.48	U	65 1 22		59-172	
Trichloroethene, Solid	ug/Kg	32.07	35.52	59.88	0.48	U	54 10 24		62-137	*
Benzene, Solid	ug/Kg	34.35	36.85	59.88	0.24	U	57 7 21		66-142	*
Toluene, Solid	ug/Kg	30.21	31.83	59.88	0.24	U	50 5 21		59-139	*
Chlorobenzene, Solid	ug/Kg	25.67	27.09	59.88	0.36	U	43 5 21		60-133	*

Page 41 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

213443 RM 8/22/06

QUALITY CONTROL RESULTS

Job Number.: [redacted] Report Date.: 08/22/2006

CUSTOMER: ERM PROJECT: [redacted] ATTN: Andy Coenen

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	V06FWRK002	70174-018		08/11/2006	1258

Test Method.....: OLM04.2
Method Description.: CLP Volatile Organic Analysis
Equipment Code....: MSO
Batch.....: 70174
Analyst...: jdw

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,1-Dichloroethene, Solid	ug/Kg	19.43		20.00	0.40 U	97	%	59-172	
Trichloroethene, Solid	ug/Kg	17.28		20.00	0.40 U	86	%	62-137	
Benzene, Solid	ug/Kg	17.24		20.00	0.20 U	86	%	66-142	
Toluene, Solid	ug/Kg	18.01		20.00	0.90 J	90	%	59-139	
Chlorobenzene, Solid	ug/Kg	18.78		20.00	0.30 U	94	%	60-133	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

69937-1MB

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Lab File ID: O7551 Lab Sample ID: 69937-1MB

Date Analyzed: 08/11/06 Time Analyzed: 1153

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSO

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	SB-39(28-32)	213443-1	O7567	1941
02	SB-40(4-5.5)	213443-2	O7568	2007
03				
04				
05				
06				
07				
08				
09				
10				
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28				
29				
30				

COMMENTS:

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Lab File ID: OB268 BFB Injection Date: 08/10/06

Instrument ID: MSO BFB Injection Time: 1614

GC Column: RTX-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.3
75	30.0 - 60.0% of mass 95	41.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.1 (0.2)1
174	50.0 - 100.0% of mass 95	80.4
175	5.0 - 9.0% of mass 174	5.7 (7.1)1
176	95.0 - 101.0% of mass 174	79.1 (98.3)1
177	5.0 - 9.0% of mass 176	5.0 (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	VSTD200OG	VSTD200OG	O7542	08/10/06	1640
02	VSTD100OH	VSTD100OH	O7543	08/10/06	1726
03	VSTD050OI	VSTD050OI	O7544	08/10/06	1751
04	VSTD020OJ	VSTD020OJ	O7545	08/10/06	1817
05	VSTD010OK	VSTD010OK	O7546	08/10/06	1842
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Lab File ID: OB269 BFB Injection Date: 08/11/06

Instrument ID: MSO BFB Injection Time: 0930

GC Column: RTX-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0% of mass 95	16.2	
75	30.0 - 60.0% of mass 95	42.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.6	
173	Less than 2.0% of mass 174	0.0	(0.0)1
174	50.0 - 100.0% of mass 95	81.0	
175	5.0 - 9.0% of mass 174	5.4	(6.6)1
176	95.0 - 101.0% of mass 174	78.7	(97.1)1
177	5.0 - 9.0% of mass 176	4.8	(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	VSTD050OL	VSTD050OL	O7548	08/11/06	1000
02	69937-1MB	69937-1MB	O7551	08/11/06	1153
03	SB-39(28-32)	213443-1	O7567	08/11/06	1941
04	SB-40(4-5.5)	213443-2	O7568	08/11/06	2007
05					
06					
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20					
21					
22					

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Lab File ID (Standard): 07548 Date Analyzed: 08/11/06

Instrument ID: MSO Time Analyzed: 1000

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) Y

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	78169	3.48	521203	4.99	446782	7.86
	UPPER LIMIT	156338	3.98	1042406	5.49	893564	8.36
	LOWER LIMIT	39085	2.98	260602	4.49	223391	7.36
	EPA SAMPLE NO.						
01	69937-1MB	77110	3.48	517337	4.99	442285	7.85
02	SB-39(28-32)	95797	3.48	659585	4.98	556603	7.85
03	SB-40(4-5.5)	104015	3.48	699202	4.99	586448	7.85
04							
05							
06							
07							
08							
09							
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.

Job Number: 213443

LABORATORY TEST RESULTS

Date:08/22/2006

CUSTOMER: ERM

PROJECT: RAECO PRODUCTS

ATTN: Andy Coenen

Customer Sample ID: SB-39(28-32)
Date Sampled.....: 08/07/2006
Time Sampled.....: 16:04
Sample Matrix.....: Soil

Laboratory Sample ID: 213443-1
Date Received.....: 08/08/2006
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	78.6			0.10	0.10	1	%	69668		08/08/06 0000	rlm
	% Moisture, Solid	21.4			0.10	0.10	1	%	69668		08/08/06 0000	rlm
OLM04.2	CLP Volatile Organic Analysis											
	Chloromethane, Solid*	ND	U		2	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Bromomethane, Solid*	ND	U		2	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Vinyl chloride, Solid*	ND	U		0.4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Chloroethane, Solid*	ND	U		1	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Methylene chloride, Solid*	9	J	B	2	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Acetone, Solid*	ND	U		6	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Carbon disulfide, Solid*	ND	U		0.5	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,1-Dichloroethene, Solid*	ND	U		0.5	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,1-Dichloroethane, Solid*	ND	U		0.5	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Chloroform, Solid*	0.6	J		0.1	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,2-Dichloroethane, Solid*	ND	U		0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	2-Butanone (MEK), Solid*	ND	U		4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,1,1-Trichloroethane, Solid*	2	J		0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Carbon tetrachloride, Solid*	ND	U		0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Bromodichloromethane, Solid*	ND	U		0.4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,2-Dichloropropane, Solid*	ND	U		0.8	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	cis-1,3-Dichloropropene, Solid*	ND	U		0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Trichloroethene, Solid*	37			0.5	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Dibromochloromethane, Solid*	ND	U		0.4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,1,2-Trichloroethane, Solid*	ND	U		0.8	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Benzene, Solid*	ND	U		0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	trans-1,3-Dichloropropene, Solid*	ND	U		0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Bromoform, Solid*	ND	U		0.4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	4-Methyl-2-pentanone (MIBK), Solid*	ND	U		0.8	13	1.00000	ug/Kg	70199		08/11/06 1941	pam

* In Description = Dry Wgt.

Job Number: 213443

LABORATORY TEST RESULTS

Date:08/22/2006

CUSTOMER: ERM

PROJECT: RABCO PRODUCTS

ATTN: Andy Coenen

Customer Sample ID: SB-39(28-32)
Date Sampled.....: 08/07/2006
Time Sampled.....: 16:04
Sample Matrix.....: Soil

Laboratory Sample ID: 213443-1
Date Received.....: 08/08/2006
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2-Hexanone, Solid*	ND	U		1	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Tetrachloroethene, Solid*	13			0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,1,2,2-Tetrachloroethane, Solid*	ND	U		0.4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Toluene, Solid*	ND	U	B	0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Chlorobenzene, Solid*	ND	U		0.4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Ethylbenzene, Solid*	ND	U		0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Styrene, Solid*	ND	U		0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Xylenes (total), Solid*	ND	U		0.4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	cis-1,2-Dichloroethene, Solid*	ND	U		0.4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	trans-1,2-Dichloroethene, Solid*	ND	U		0.6	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Methyl-tert-butyl-ether (MTBE), Solid*	ND	U		0.4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Dichlorodifluoromethane, Solid*	ND	U		0.6	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Trichlorofluoromethane, Solid*	ND	U		0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Trichlorotrifluoroethane, Solid*	ND	U		0.5	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Methyl acetate, Solid*	ND	U		3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Cyclohexane, Solid*	ND	U		0.5	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Methyl cyclohexane, Solid*	ND	U		0.4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,2-Dibromoethane (EDB), Solid*	ND	U		0.5	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	Isopropylbenzene, Solid*	ND	U		0.1	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,3-Dichlorobenzene, Solid*	ND	U		0.4	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,4-Dichlorobenzene, Solid*	ND	U		0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,2-Dichlorobenzene, Solid*	ND	U		0.3	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,2-Dibromo-3-chloropropane, Solid*	ND	U		2	13	1.00000	ug/Kg	70199		08/11/06 1941	pam
	1,2,4-Trichlorobenzene, Solid*	ND	U		0.5	13	1.00000	ug/Kg	70199		08/11/06 1941	pam

* In Description = Dry Wgt.

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SB-39(28-32)

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Matrix: (soil/water) SOIL Lab Sample ID: 213443-1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: O7567

Level: (low/med) LOW Date Received: 08/08/06

% Moisture: not dec. 21 Date Analyzed: 08/11/06

GC Column: DB-624 ID: 0.53 (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.	6044-71-9	DODECANE, 6-METHYL-	11.17	43	NJ
2.		UNKNOWN	11.60	20	J
3.		UNKNOWN ALKYLBENZENE	12.47	8	J
4.	3891-98-3	DODECANE, 2,6,10-TRIMETHYL-	12.51	19	NJ
5.		UNKNOWN	12.60	28	J
6.	91-57-6	NAPHTHALENE, 2-METHYL-	12.94	11	NJ
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
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23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

STL-CT

Volatile Report CLP METHOD OLM 4.2

Data file : \\Target1_ct\Files\chem\VOA\mso.i\O067547.b\O7567.D
Lab Smp Id: 213443-1 Client Smp ID: SB-39(28-32)
Inj Date : 11-AUG-2006 19:41 MS Autotune Date: 28-FEB-2006 13:40
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : 213443-1
Misc Info : :S ;;; SB-39(28-32) ; CLP ; 1 ; LLS
Comment :
Method : \\TARGET1_CT\Files\chem\VOA\mso.i\O067547.b\OCLPS42.m
Meth Date : 21-Aug-2006 08:59 cheryl Quant Type: ISTD
Cal Date : 11-AUG-2006 10:00 Cal File: O7548.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: CONMSONT

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	21.400	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
*	1 Bromochloromethane	128	3.475	3.478	(1.000)	95797	50.0000	
	17 Methylene Chloride	84	2.213	2.216	(0.637)	51533	6.90372	9
	27 Chloroform	83	3.554	3.557	(1.023)	5560	0.44834	0.6
$	33 1,2-Dichloroethane-d4	65	4.402	4.405	(1.267)	169108	40.0911	51
*	34 1,4-Difluorobenzene	114	4.983	4.986	(1.000)	659585	50.0000	
	36 1,1,1-Trichloroethane	97	3.800	3.793	(0.763)	19472	1.93890	2
	41 Trichloroethene	130	4.944	4.947	(0.992)	248332	28.8228	37
*	51 Chlorobenzene-d5	117	7.852	7.855	(1.000)	556603	50.0000	
$	53 Toluene-d8	98	6.413	6.416	(0.817)	860325	38.0584	48(R)
	55 Tetrachloroethene	164	6.837	6.840	(0.871)	64161	10.1643	13
$	72 Bromofluorobenzene	95	8.937	8.940	(1.138)	195139	26.3417	34(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

STL-CT

Volatile Report CLP METHOD OLM 4.2

Data file : \\Target1_ct\Files\chem\VOA\mso.i\O067547.b\O7567.D
Lab Smp Id: 213443-1 Client Smp ID: SB-39(28-32)
Inj Date : 11-AUG-2006 19:41 MS Autotune Date: 28-FEB-2006 13:40
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : 213443-1
Misc Info : :S ;;; SB-39(28-32) ; CLP ; 1 ; LLS
Comment :
Method : \\TARGET1_CT\Files\chem\VOA\mso.i\O067547.b\OCLPS42.m
Meth Date : 21-Aug-2006 08:59 cheryl Quant Type: ISTD
Cal Date : 11-AUG-2006 10:00 Cal File: O7548.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: CONMSONT

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	21.400	% Moisture (not decanted)

ISTD	RT	AREA	AMOUNT
* 51 Chlorobenzene-d5	7.853	1489380	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Cycloalkane				CAS #:			
10.603	283282	9.51005009	12	0		0	51
Unknown Cycloalkane				CAS #:			
11.067	330109	11.0820899	14	0		0	51
Dodecane, 6-methyl-				CAS #: 6044-71-9			
11.175	1006116	33.7763418	43	90	Nist98.l	16443	51
Unknown Cycloalkane				CAS #:			
11.530	424801	14.2609905	18	0		0	51
Unknown				CAS #:			
11.599	469768	15.7705999	20	0		0	51

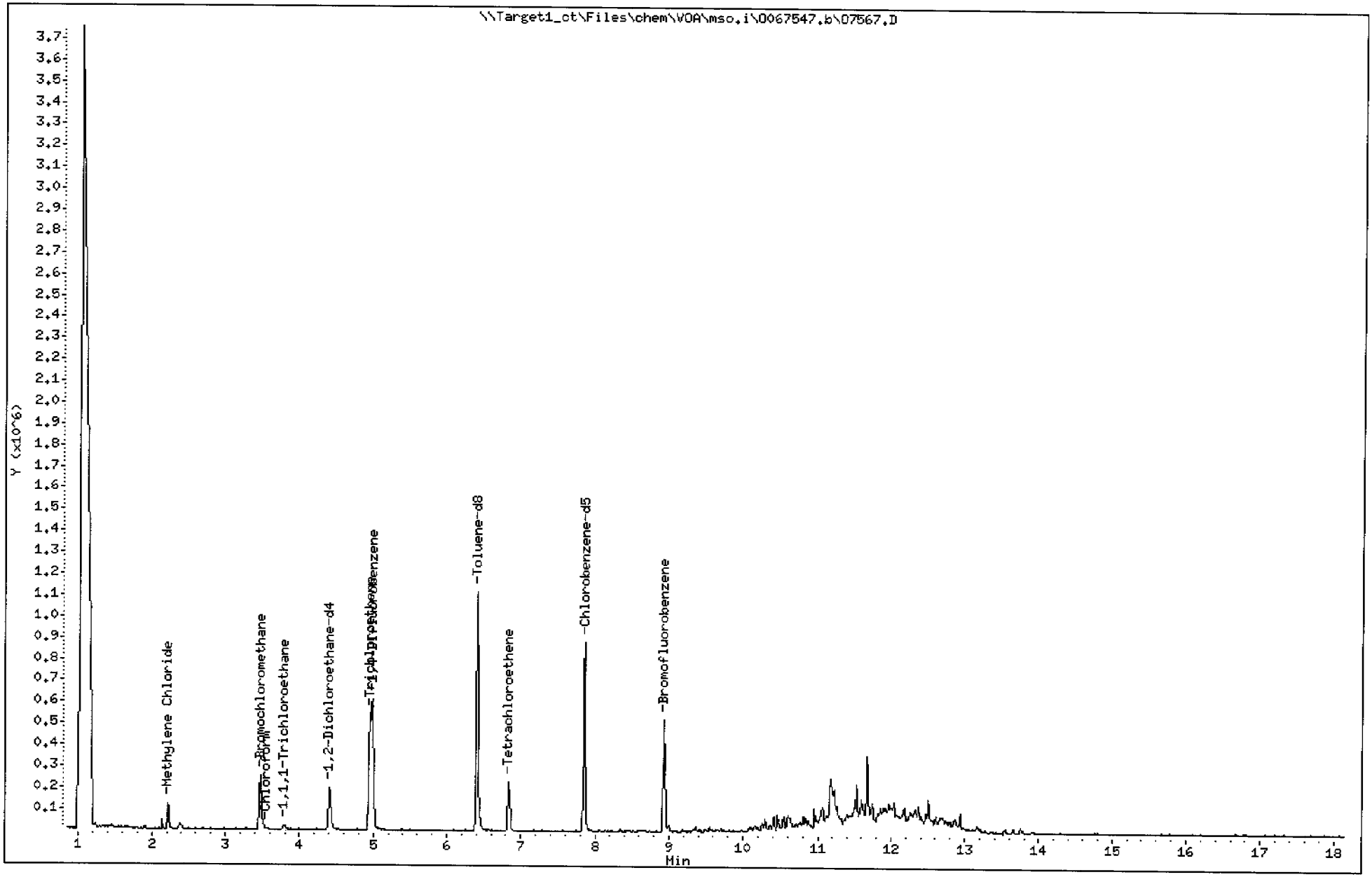
RT	AREA	CONCENTRATIONS ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Unknown Alkane				CAS #:			
11.678	682876	22.9248179	29	0		0	51
Unknown Alkane				CAS #:			
12.043	2367460	79.4780287	100	0		0	51
Unknown Cycloalkane				CAS #:			
12.378	397361	13.3398244	17	0		0	51
Unknown Alkylbenzene				CAS #:			
12.466	197198	6.62014600	8	0		0	51
Dodecane, 2,6,10-trimethyl-				CAS #: 3891-98-3			
12.506	452114	15.1779288	19	91	Nist98.l	112559	51
Unknown				CAS #:			
12.604	663711	22.2814616	28	0		0	51
Unknown Cycloalkane				CAS #:			
12.861	204781	6.87468918	9	0		0	51
Naphthalene, 2-methyl-				CAS #: 91-57-6			
12.940	263502	8.84603499	11	87	Nist98.l	123002	51

Data File: \\Target1_ct\Files\chem\VOA\mso.i\0067547.b\07567.D
Date : 11-AUG-2006 19:41
Client ID: SB-39(28-32)
Sample Info: 213443-1

Instrument: mso.i

Operator: D. HUMBERT
Column diameter: 0.53

Column phase: DB-624



Data File: \\Target1_ct\Files\chem\VOA\mso.i\0067547.b\07567.D

Date : 11-AUG-2006 19:41

Client ID: SB-39(28-32)

Instrument: mso.i

Sample Info: 213443-1

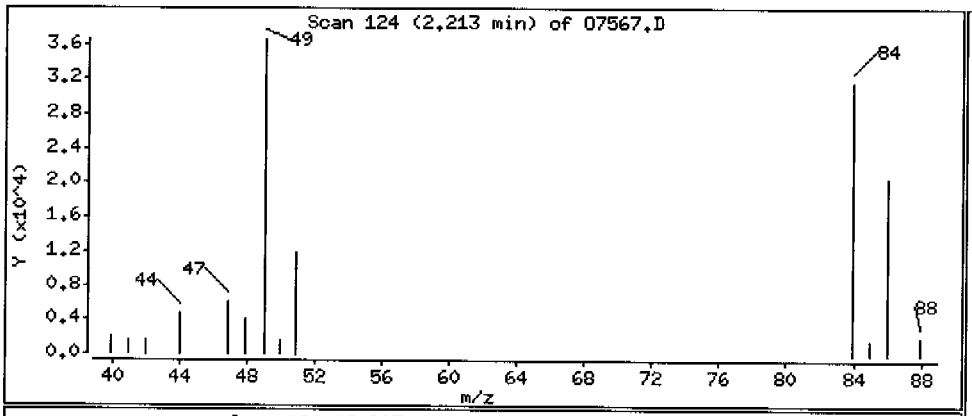
Operator: D. HUMBERT

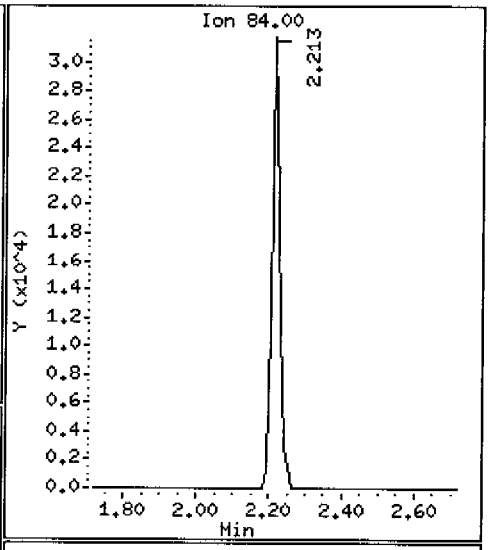
Column phase: DB-624

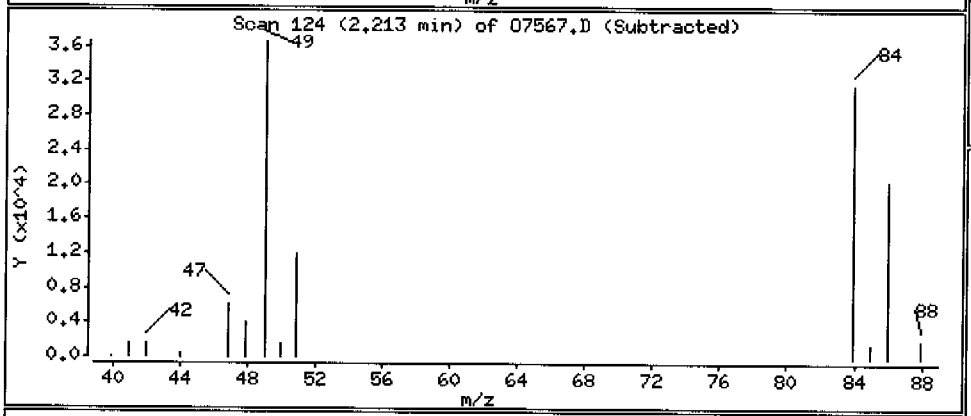
Column diameter: 0.53

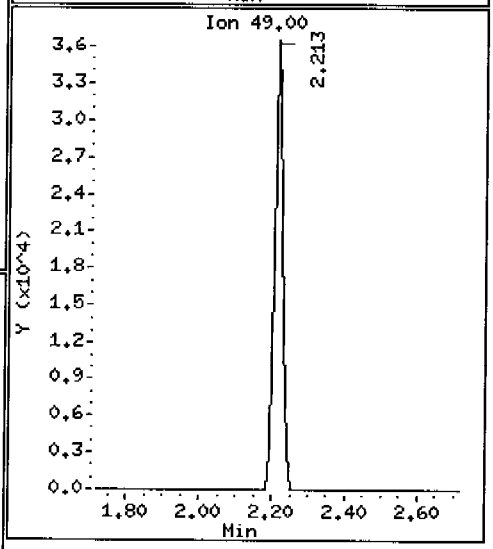
17 Methylene Chloride

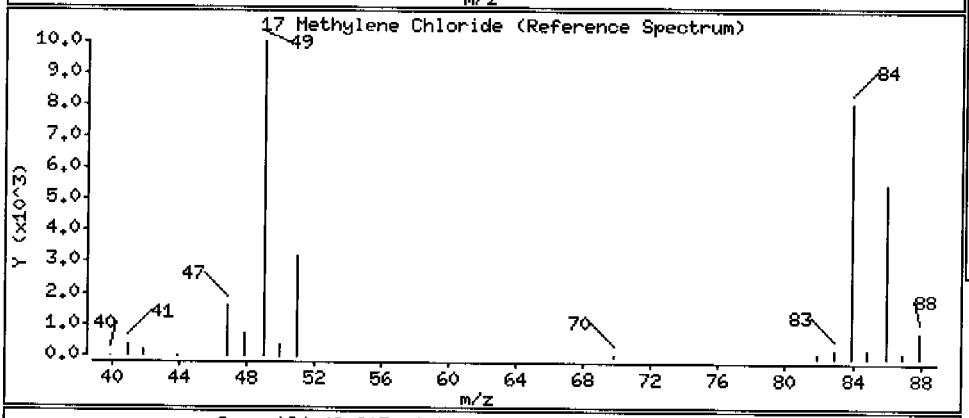
Concentration: 9 ug/Kg

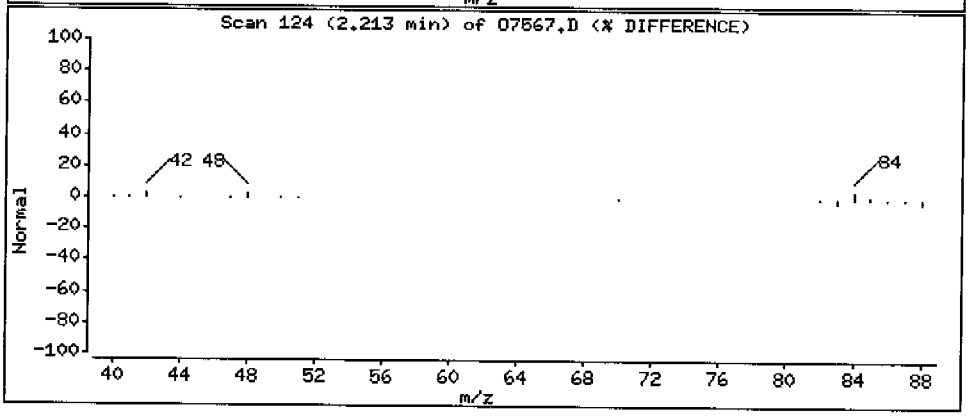












Data File: \\Target1_ct\Files\chem\VOA\mso.i\0067547.b\07567.D

Date : 11-AUG-2006 19:41

Client ID: SB-39(28-32)

Instrument: mso.i

Sample Info: 213443-1

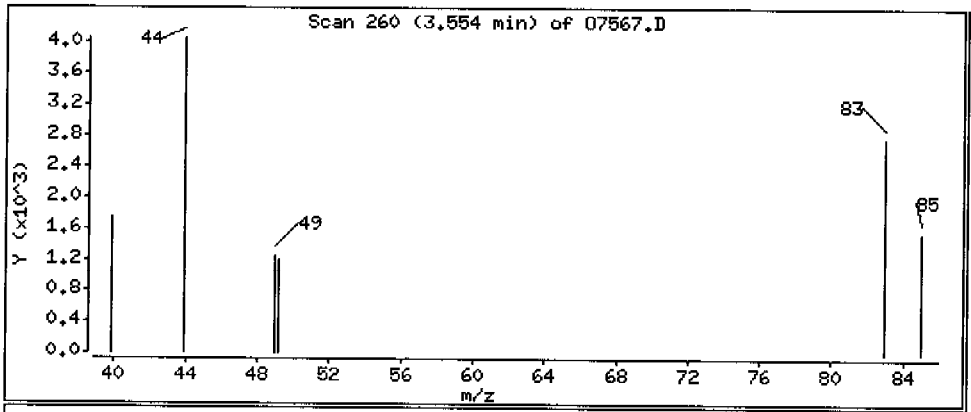
Operator: D. HUMBERT

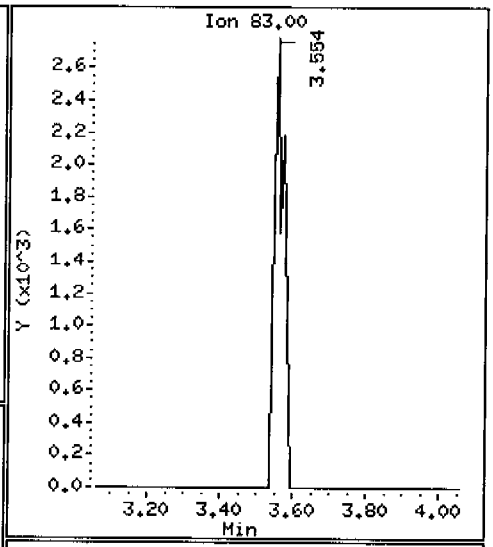
Column phase: DB-624

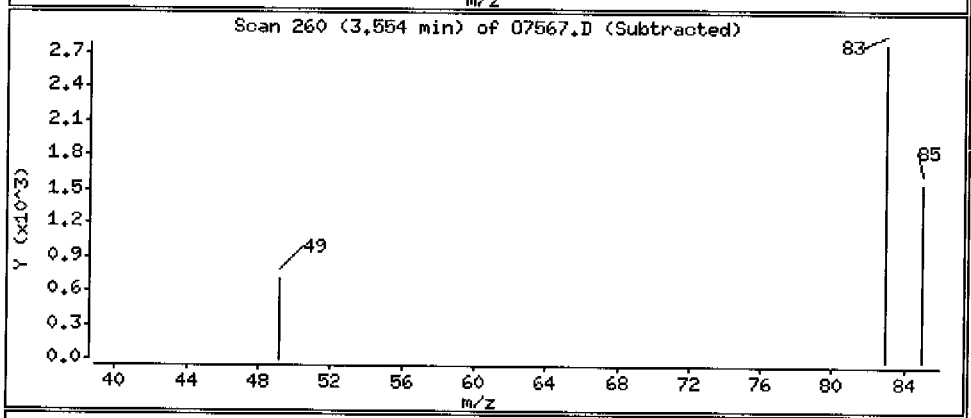
Column diameter: 0.53

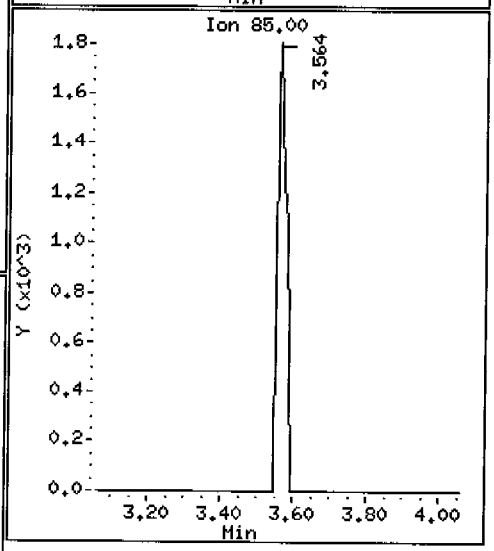
27 Chloroform

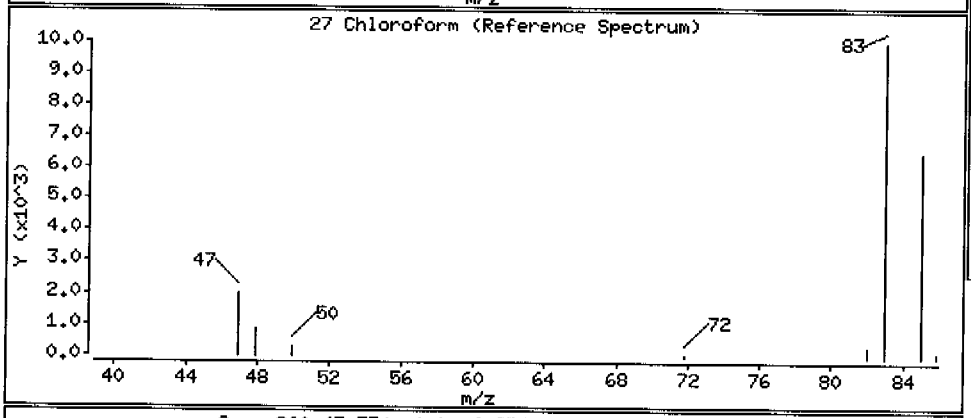
Concentration: 0.6 ug/Kg

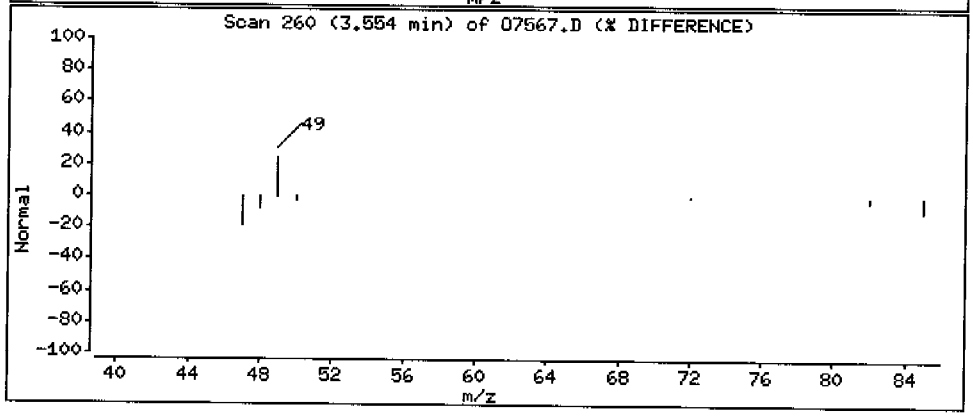












Data File: \\Target1_ct\Files\chem\VOA\mso.i\0067547.b\07567.D

Date : 11-AUG-2006 19:41

Client ID: SB-39(28-32)

Instrument: mso.i

Sample Info: 213443-1

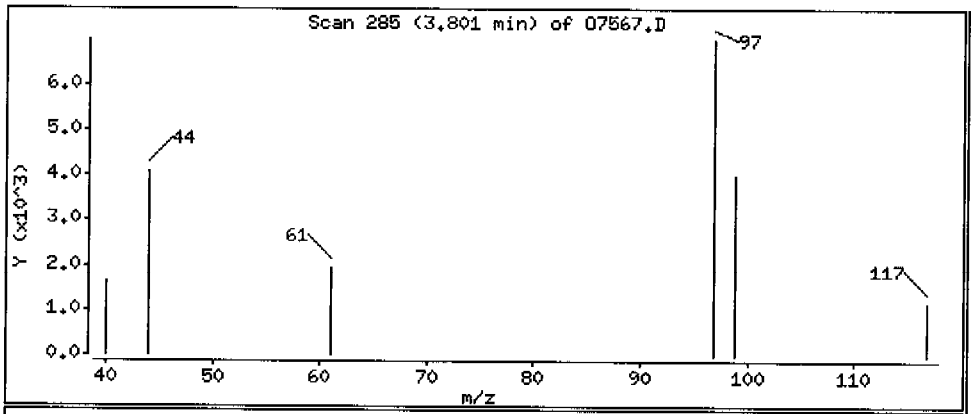
Operator: D. HUMBERT

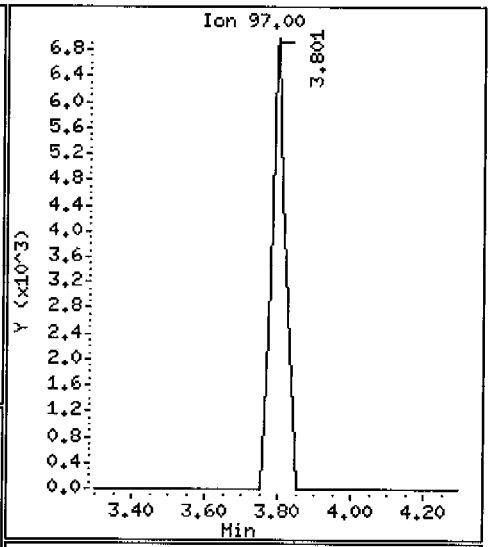
Column phase: DB-624

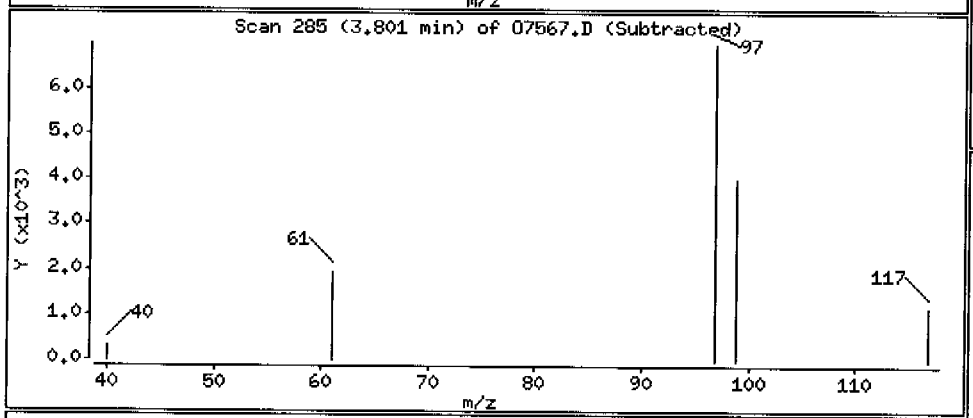
Column diameter: 0.53

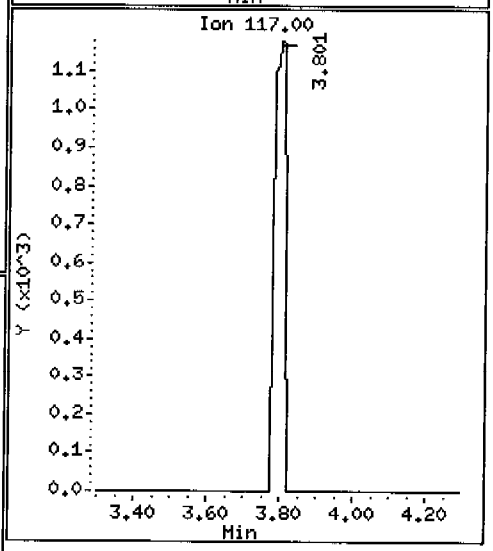
36 1,1,1-Trichloroethane

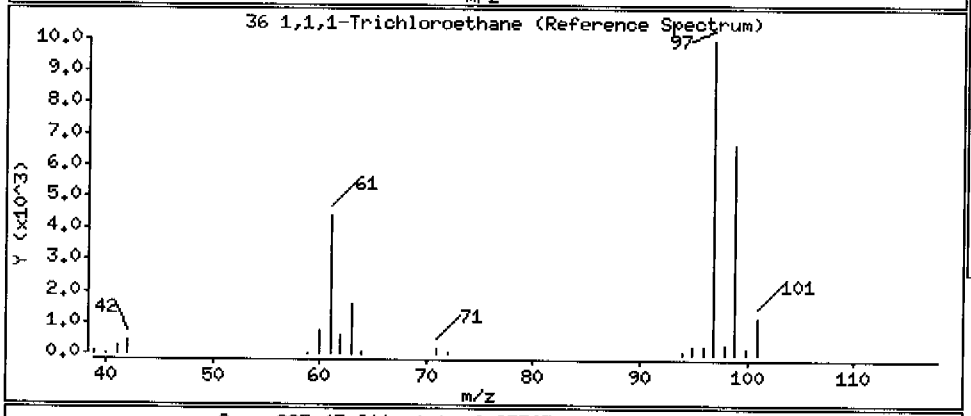
Concentration: 2 ug/Kg

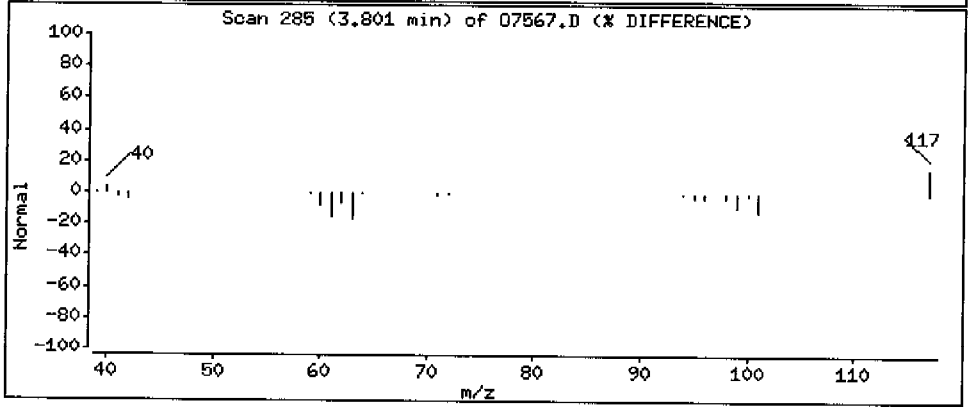












Data File: \\Target1_ct\Files\chem\VOA\mso.i\0067547.b\07567.D

Date : 11-AUG-2006 19:41

Client ID: SB-39(28-32)

Instrument: mso.i

Sample Info: 213443-1

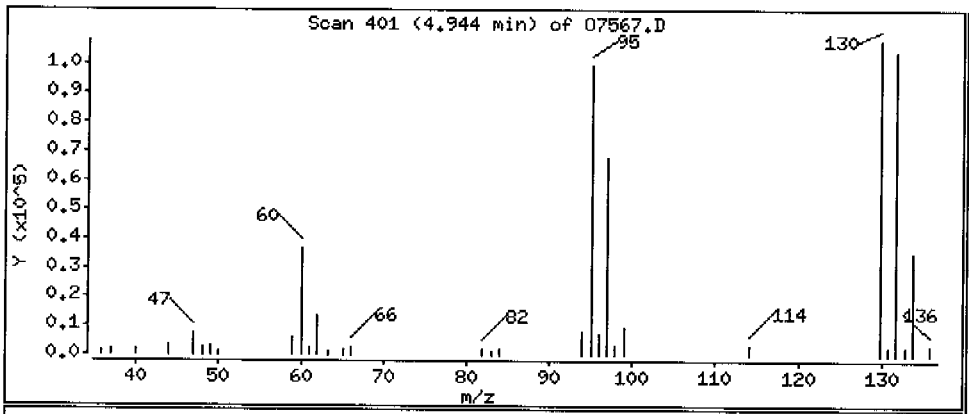
Operator: D. HUMBERT

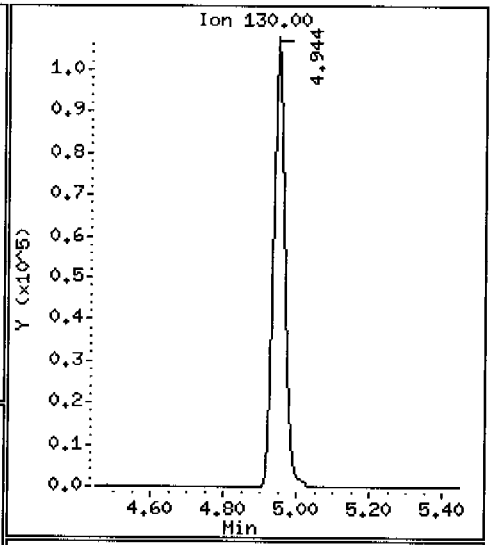
Column phase: DB-624

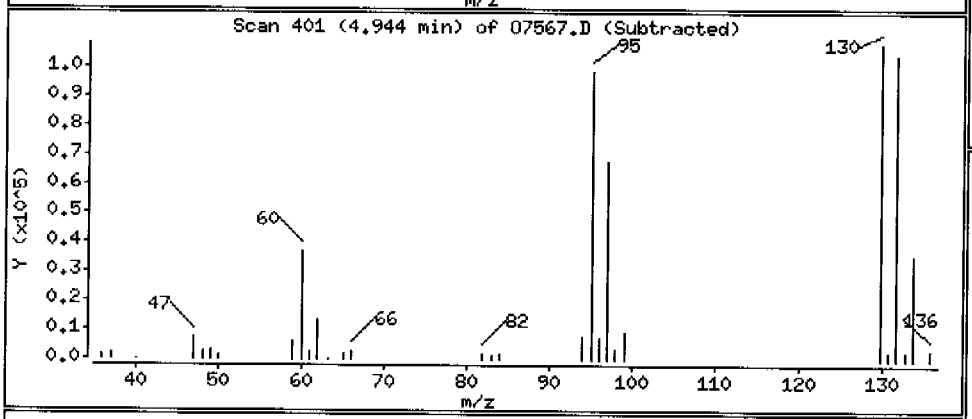
Column diameter: 0.53

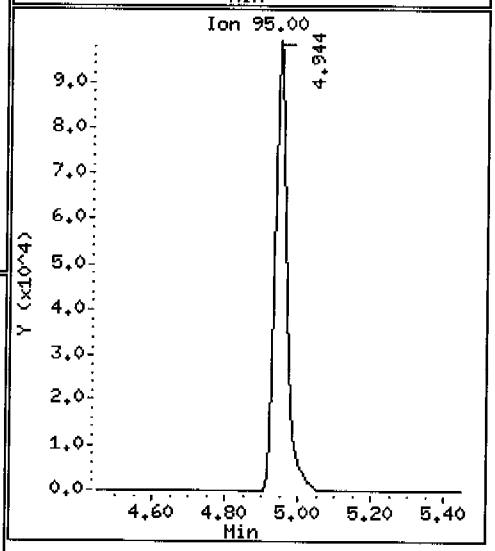
41 Trichloroethene

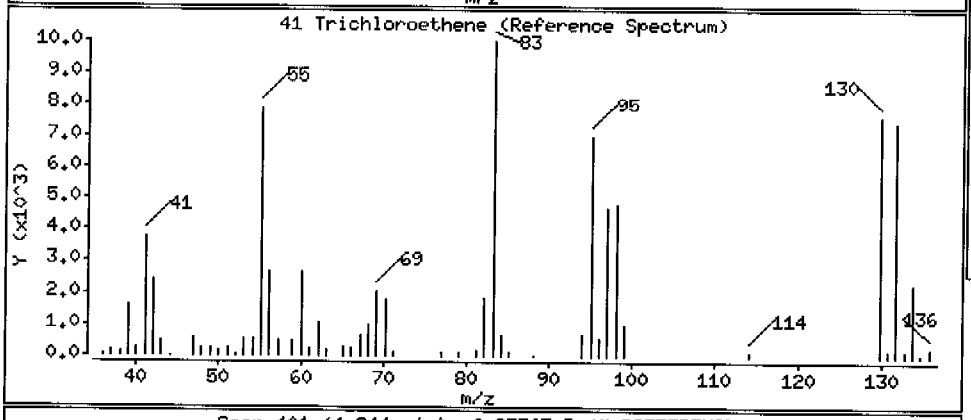
Concentration: 37 ug/Kg

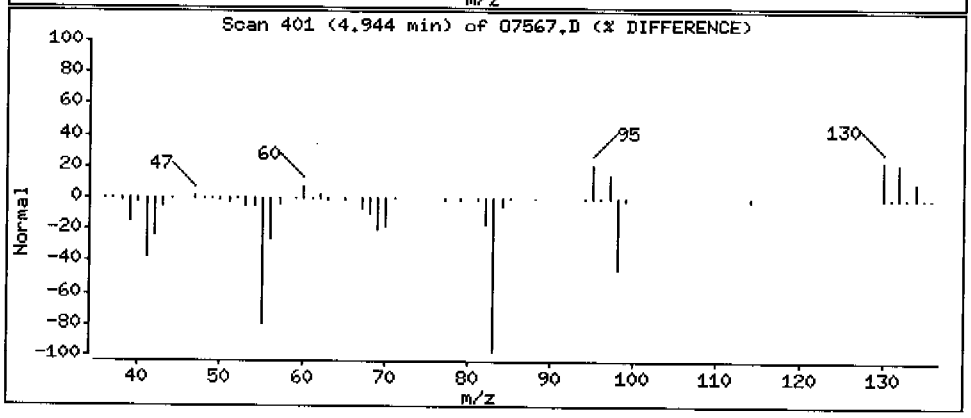












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Date : 11-AUG-2006 19:41

Client ID: SB-39(28-32)

Instrument: mso.i

Sample Info: 213443-1

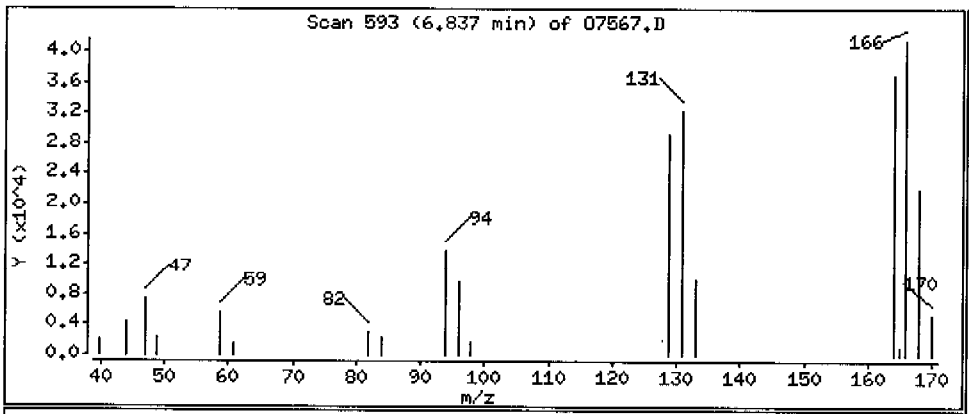
Operator: D. HUMBERT

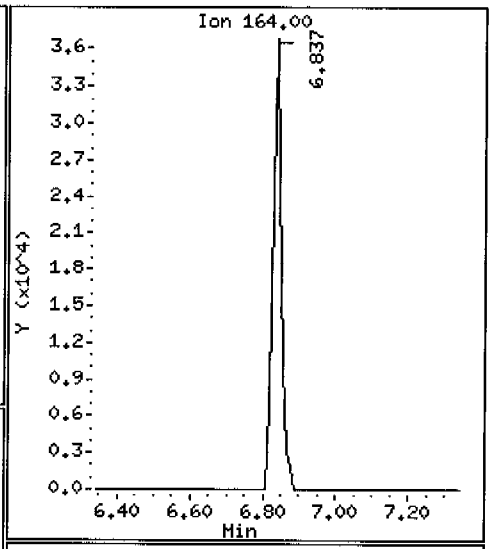
Column phase: DB-624

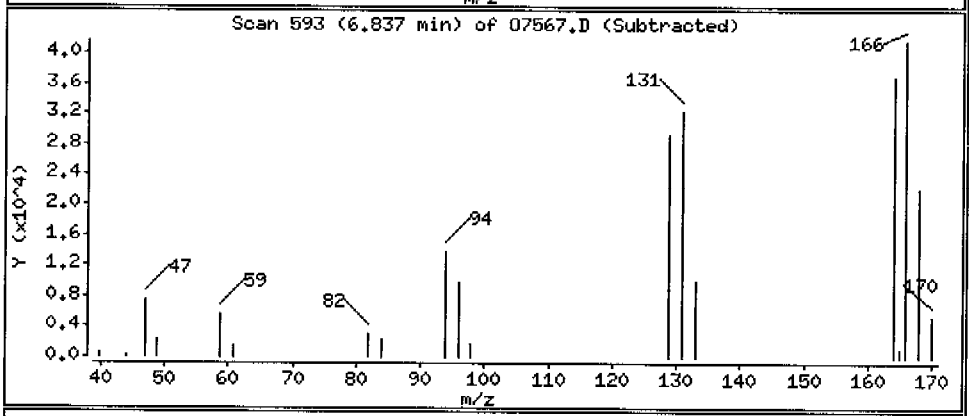
Column diameter: 0.53

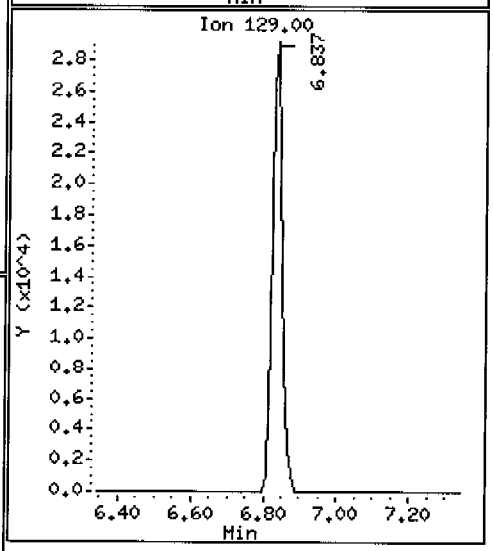
55 Tetrachloroethene

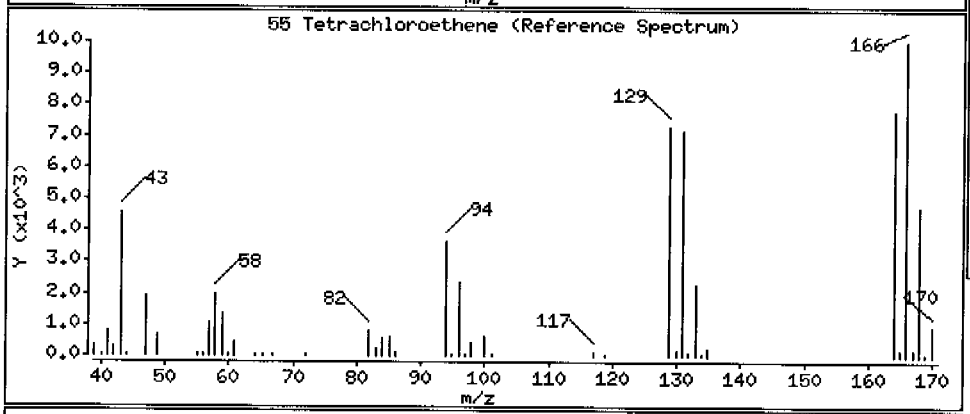
Concentration: 13 ug/Kg

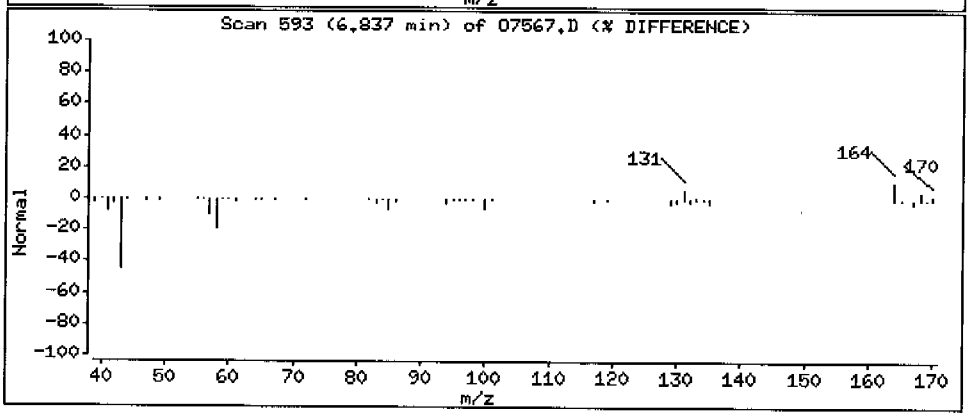












Data File: \\Target1_ct\Files\chem\VOA\mso.i\0067547.b\07567.D

Date : 11-AUG-2006 19:41

Client ID: SB-39(28-32)

Instrument: mso.i

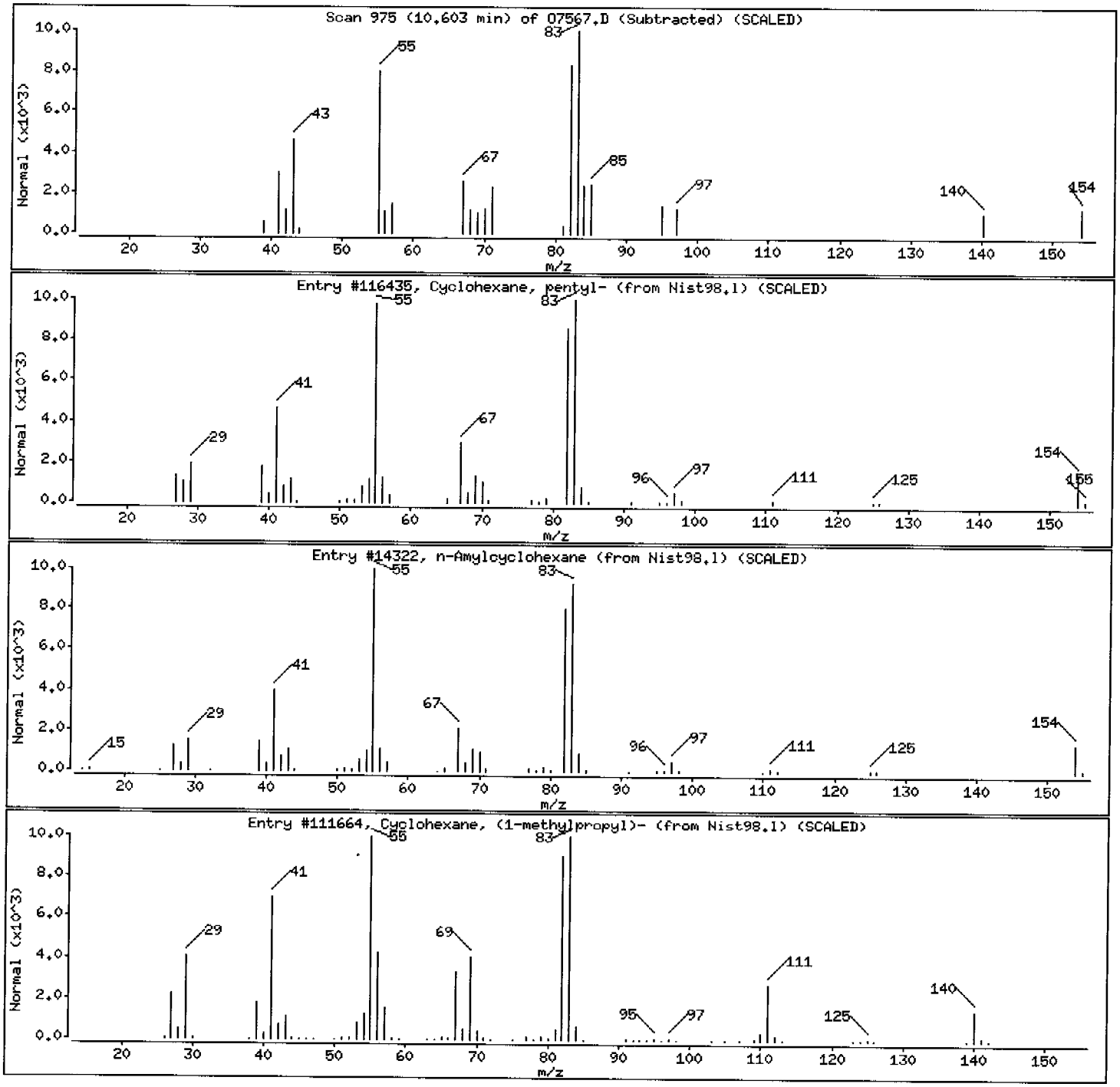
Sample Info: 213443-1

Operator: D. HUMBERT

Column phase: DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, pentyl-	4292-92-6	Nist98.l	116435	62	C11H22	154
n-Amylcyclohexane	29949-27-7	Nist98.l	14322	62	C11H22	154
Cyclohexane, (1-methylpropyl)-	7058-01-7	Nist98.l	111664	58	C10H20	140



Data File: \\Target1_ct\Files\chem\VOA\mso.i\0067547.b\07567.D

Date : 11-AUG-2006 19:41

Client ID: SB-39(28-32)

Instrument: mso.i

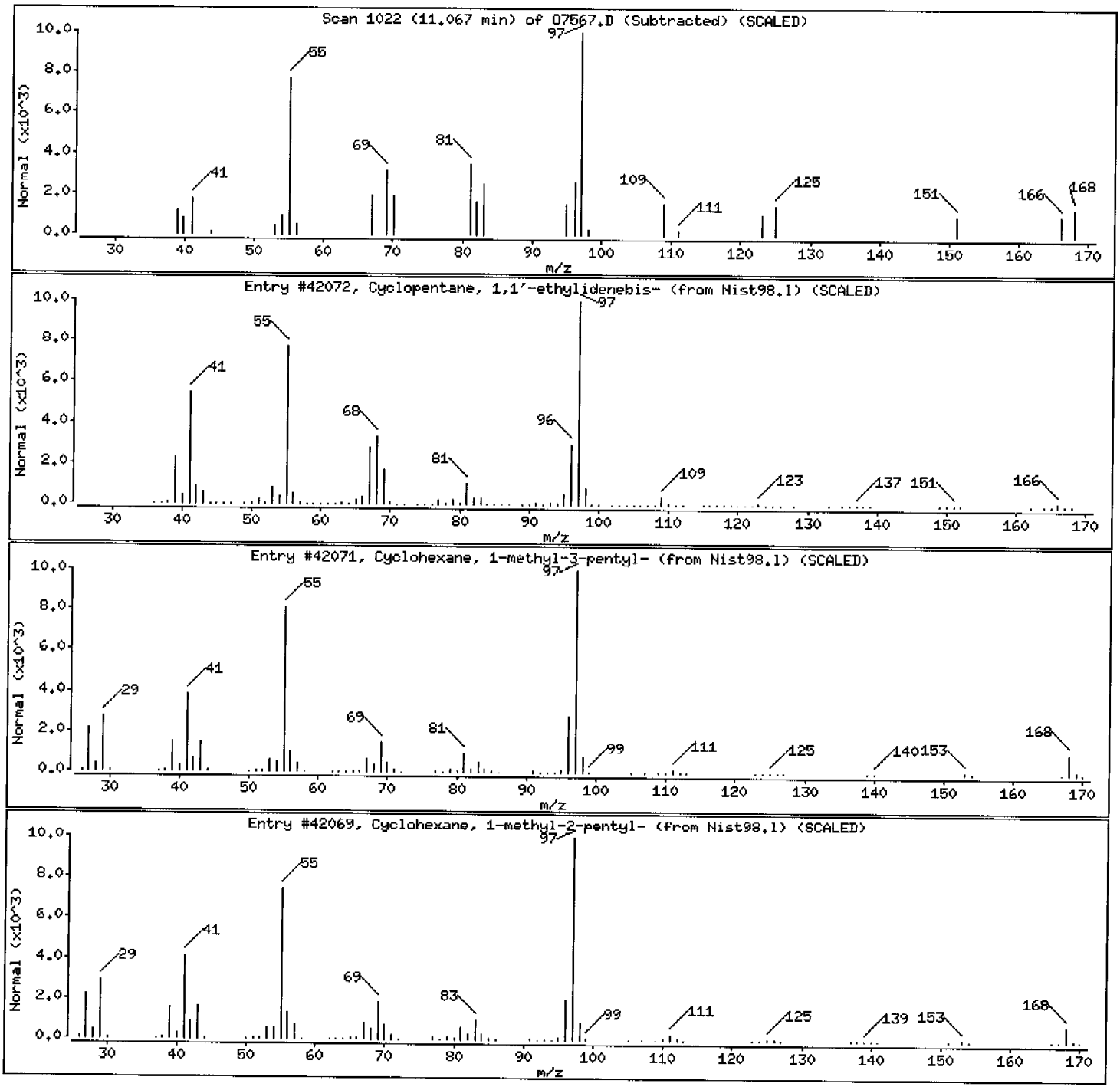
Sample Info: 213443-1

Operator: D. HUMBERT

Column phase: DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclopentane, 1,1'-ethylidenebis-	4413-21-2	Nist98.l	42072	47	C12H22	166
Cyclohexane, 1-methyl-3-pentyl-	54411-02-8	Nist98.l	42071	38	C12H24	168
Cyclohexane, 1-methyl-2-pentyl-	54411-01-7	Nist98.l	42069	38	C12H24	168



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Date : 11-AUG-2006 19:41

Client ID: SB-39(28-32)

Instrument: mso.i

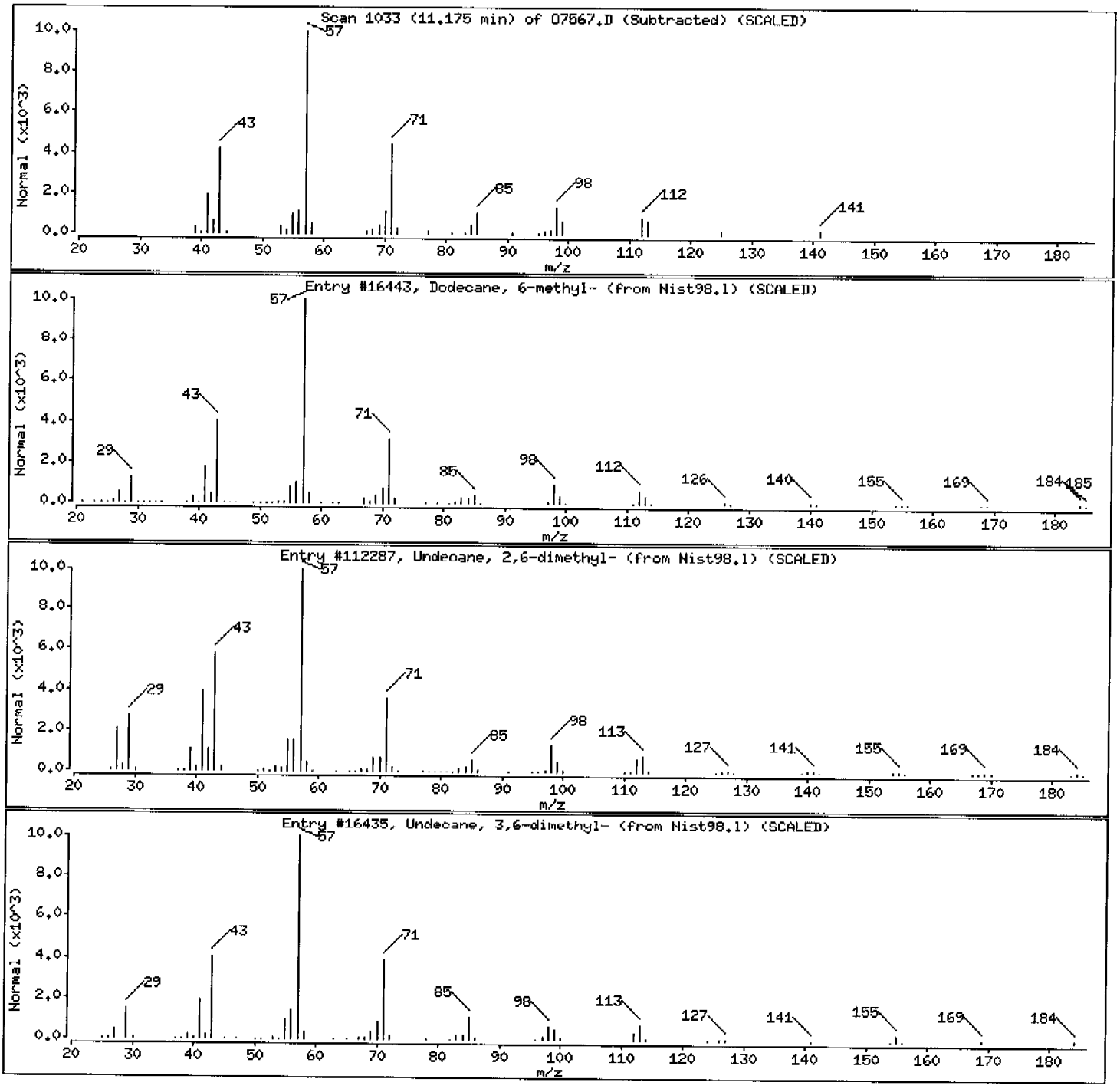
Sample Info: 213443-1

Operator: D. HUMBERT

Column phase: DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dodecane, 6-methyl-	6044-71-9	Nist98.l	16443	90	C13H28	184
Undecane, 2,6-dimethyl-	17301-23-4	Nist98.l	112287	83	C13H28	184
Undecane, 3,6-dimethyl-	17301-28-9	Nist98.l	16435	78	C13H28	184



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Date : 11-AUG-2006 19:41

Client ID: SB-39(28-32)

Instrument: mso.i

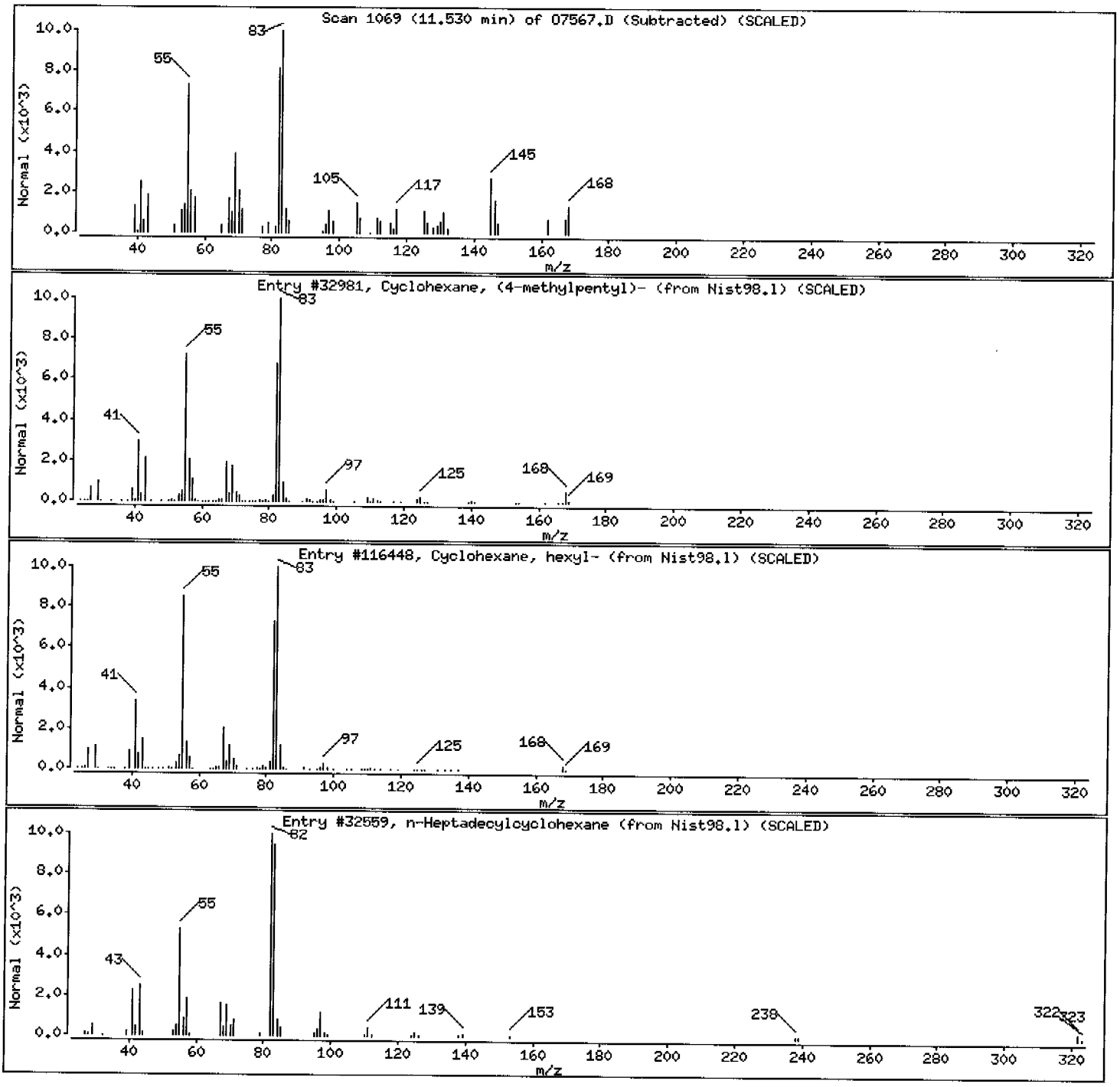
Sample Info: 213443-1

Operator: D. HUMBERT

Column phase: DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, (4-methylpentyl)-	61142-20-9	Nist98.l	32981	64	C12H24	168
Cyclohexane, hexyl-	4292-75-5	Nist98.l	116448	53	C12H24	168
n-Heptadecylcyclohexane	19781-73-8	Nist98.l	32559	53	C23H46	322



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Date : 11-AUG-2006 19:41

Client ID: SB-39(28-32)

Instrument: mso.i

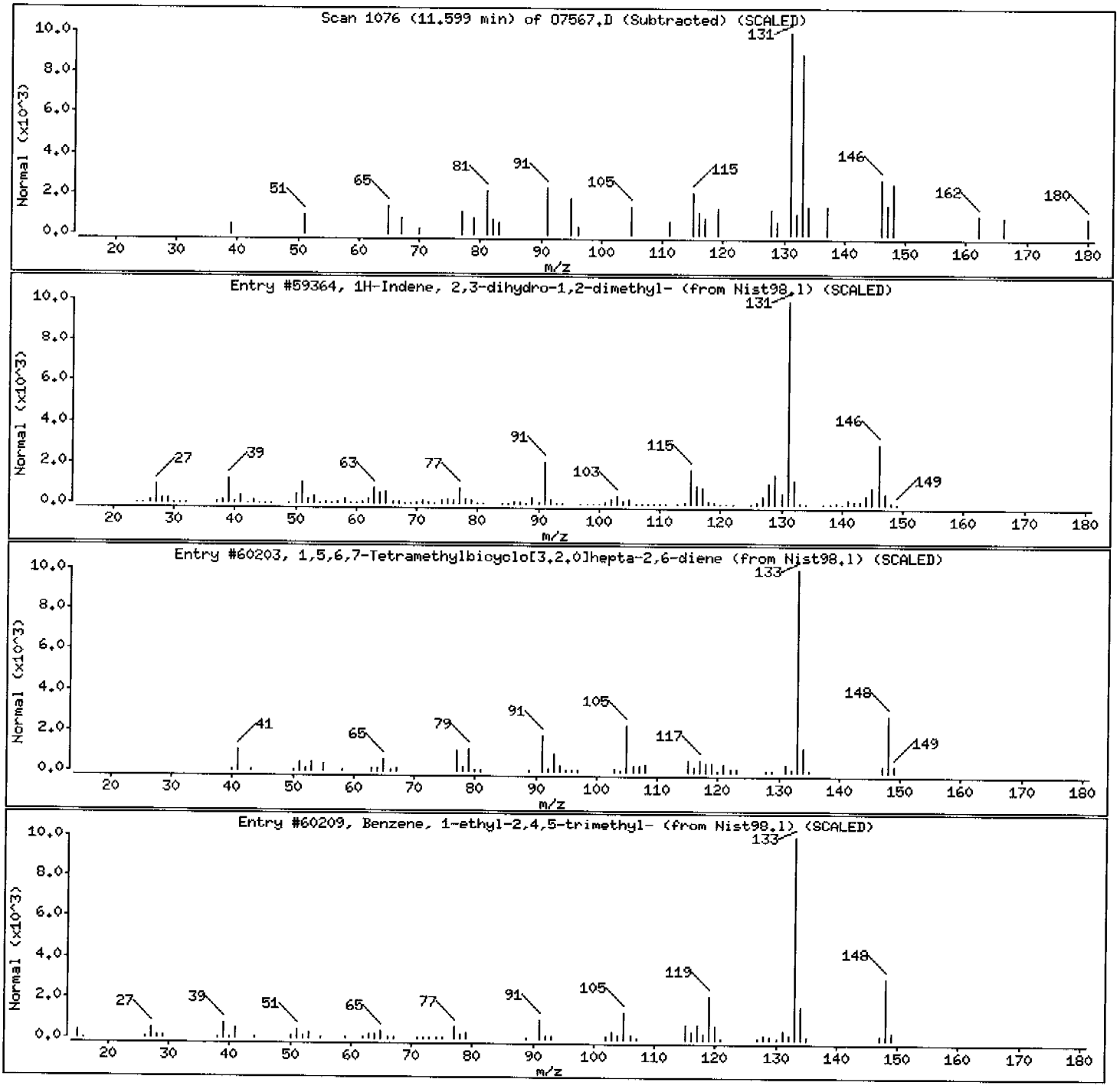
Sample Info: 213443-1

Operator: D. HUMBERT

Column phase: DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1H-Indene, 2,3-dihydro-1,2-dimethyl-	17057-82-8	Nist98.l	59364	41	C11H14	146
1,5,6,7-Tetramethylbicyclo[3.2.0]hepta-2	134329-46-7	Nist98.l	60203	38	C11H16	148
Benzene, 1-ethyl-2,4,5-trimethyl-	17851-27-3	Nist98.l	60209	38	C11H16	148



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Date : 11-AUG-2006 19:41

Client ID: SB-39(28-32)

Instrument: mso.i

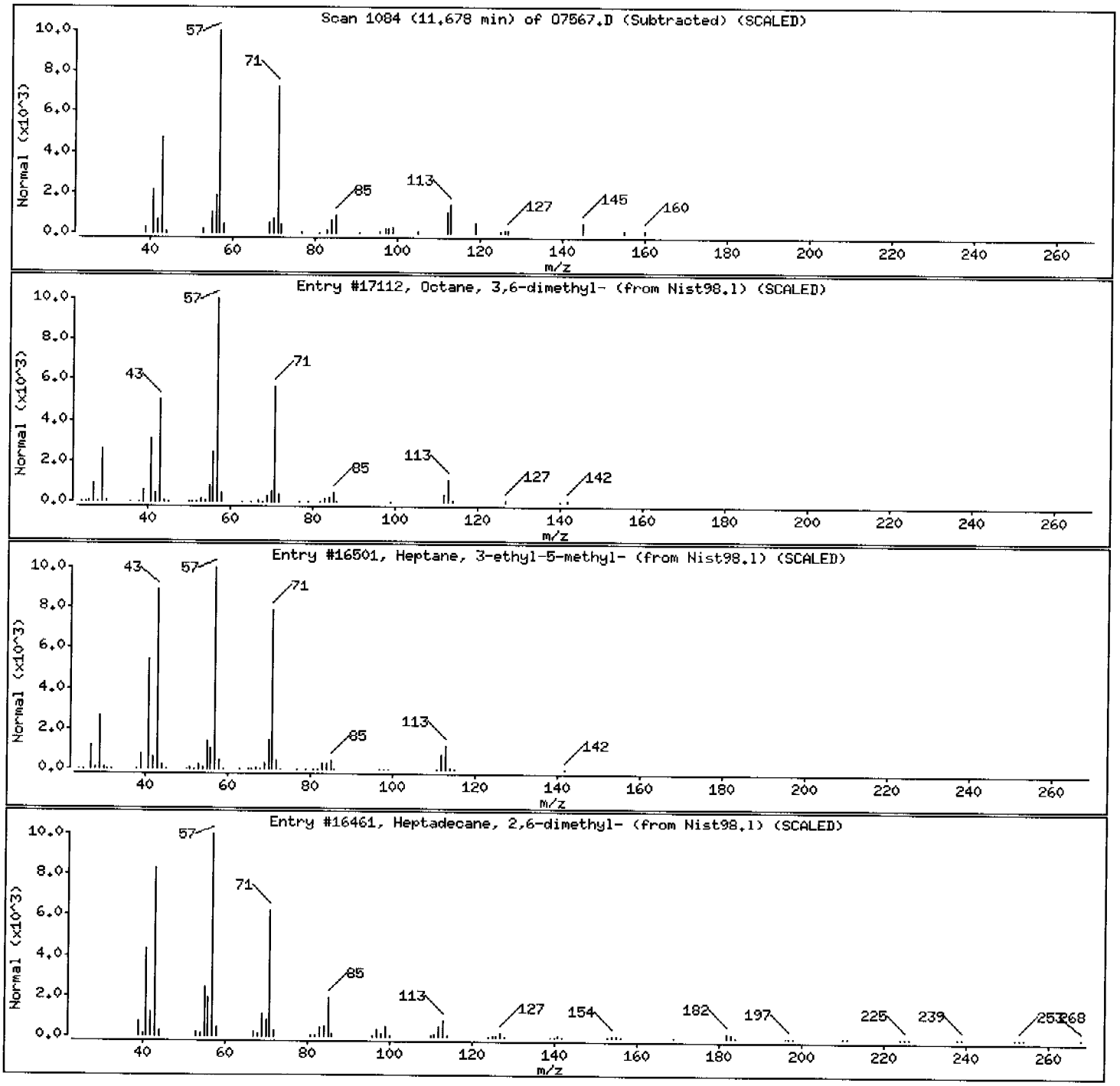
Sample Info: 213443-1

Operator: D. HUMBERT

Column phase: DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Octane, 3,6-dimethyl-	15869-94-0	Nist98.l	17112	72	C10H22	142
Heptane, 3-ethyl-5-methyl-	52896-90-9	Nist98.l	16501	64	C10H22	142
Heptadecane, 2,6-dimethyl-	54105-67-8	Nist98.l	16461	64	C19H40	268



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Date : 11-AUG-2006 19:41

Client ID: SB-39(28-32)

Instrument: mso.i

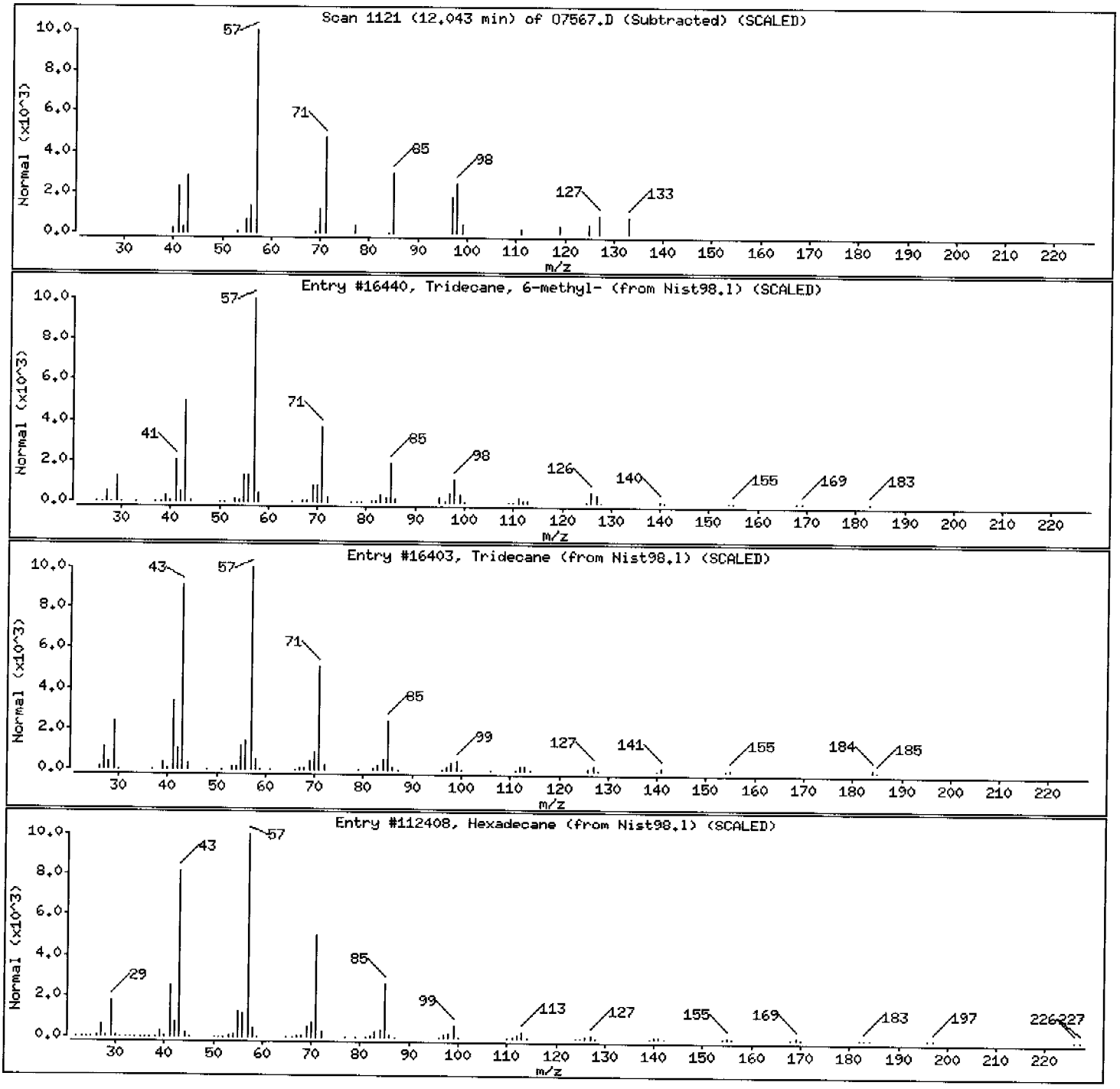
Sample Info: 213443-1

Operator: D. HUMBERT

Column phase: DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Tridecane, 6-methyl-	13287-21-3	Nist98.l	16440	59	C14H30	198
Tridecane	629-50-5	Nist98.l	16403	50	C13H28	184
Hexadecane	544-76-3	Nist98.l	112408	47	C16H34	226



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Date : 11-AUG-2006 19:41

Client ID: SB-39(28-32)

Instrument: mso.i

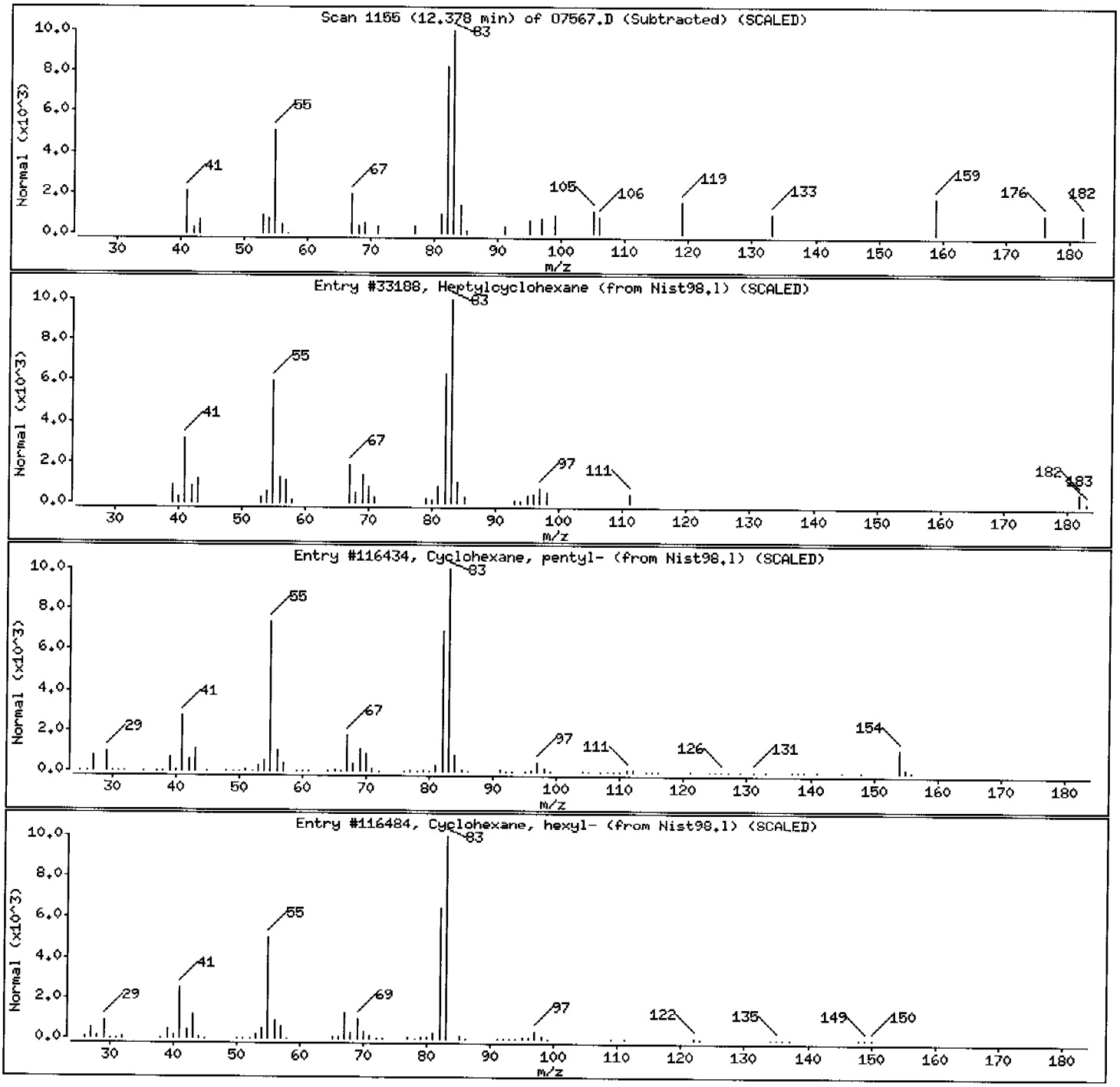
Sample Info: 213443-1

Operator: D. HUMBERT

Column phase: DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Heptylcyclohexane	5617-41-4	Nist98.l	33188	72	C13H26	182
Cyclohexane, pentyl-	4292-92-6	Nist98.l	116434	59	C11H22	154
Cyclohexane, hexyl-	4292-75-5	Nist98.l	116484	53	C12H24	168



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Date : 11-AUG-2006 19:41

Client ID: SB-39(28-32)

Instrument: mso.i

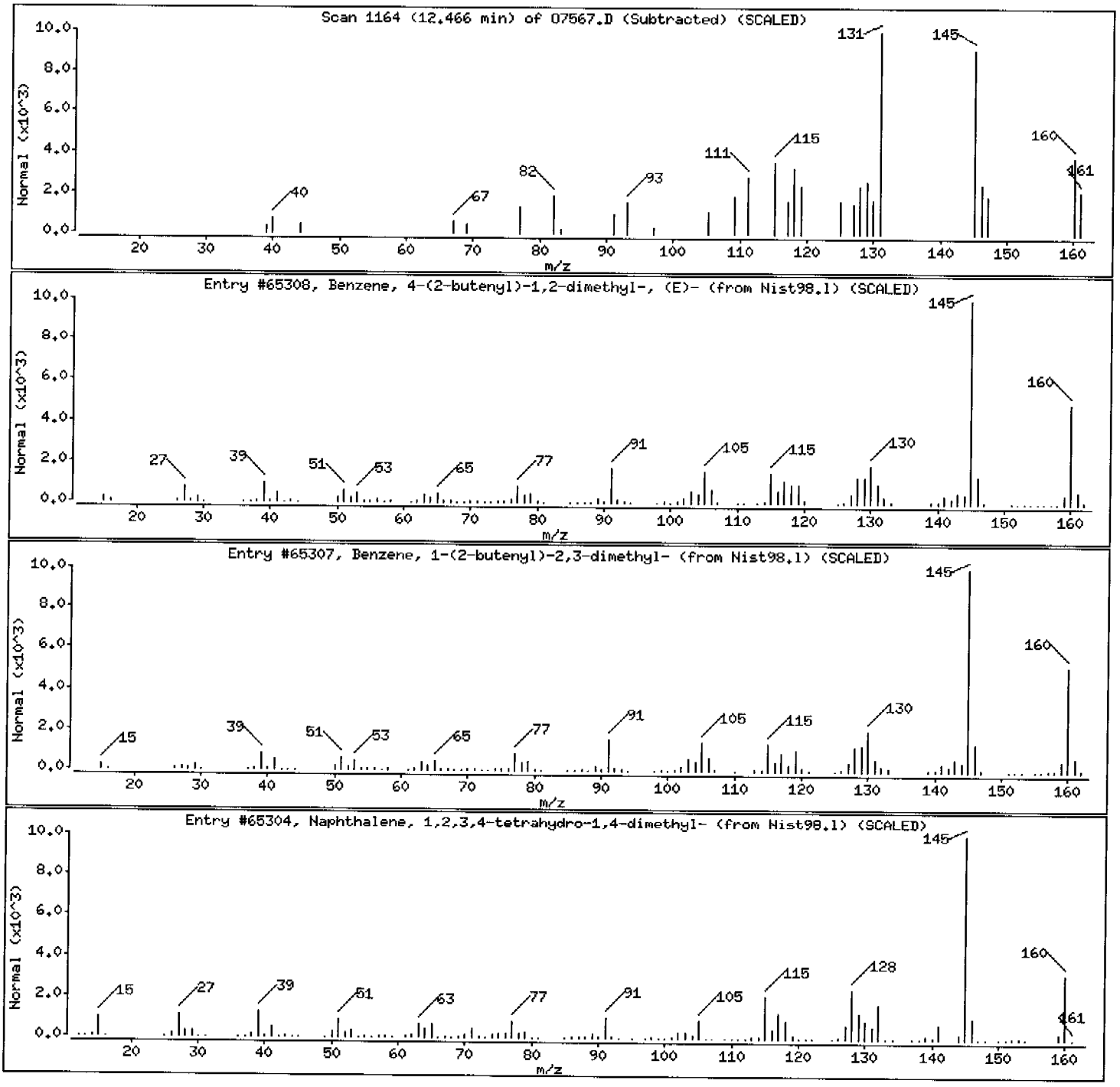
Sample Info: 213443-1

Operator: D. HUMBERT

Column phase: DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkylbenzene						
Benzene, 4-(2-butenyl)-1,2-dimethyl-, (E	54340-86-2	Nist98.l	65308	52	C12H16	160
Benzene, 1-(2-butenyl)-2,3-dimethyl-	54340-85-1	Nist98.l	65307	43	C12H16	160
Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	4175-54-6	Nist98.l	65304	38	C12H16	160



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Date : 11-AUG-2006 19:41

Client ID: SB-39(28-32)

Instrument: mso.i

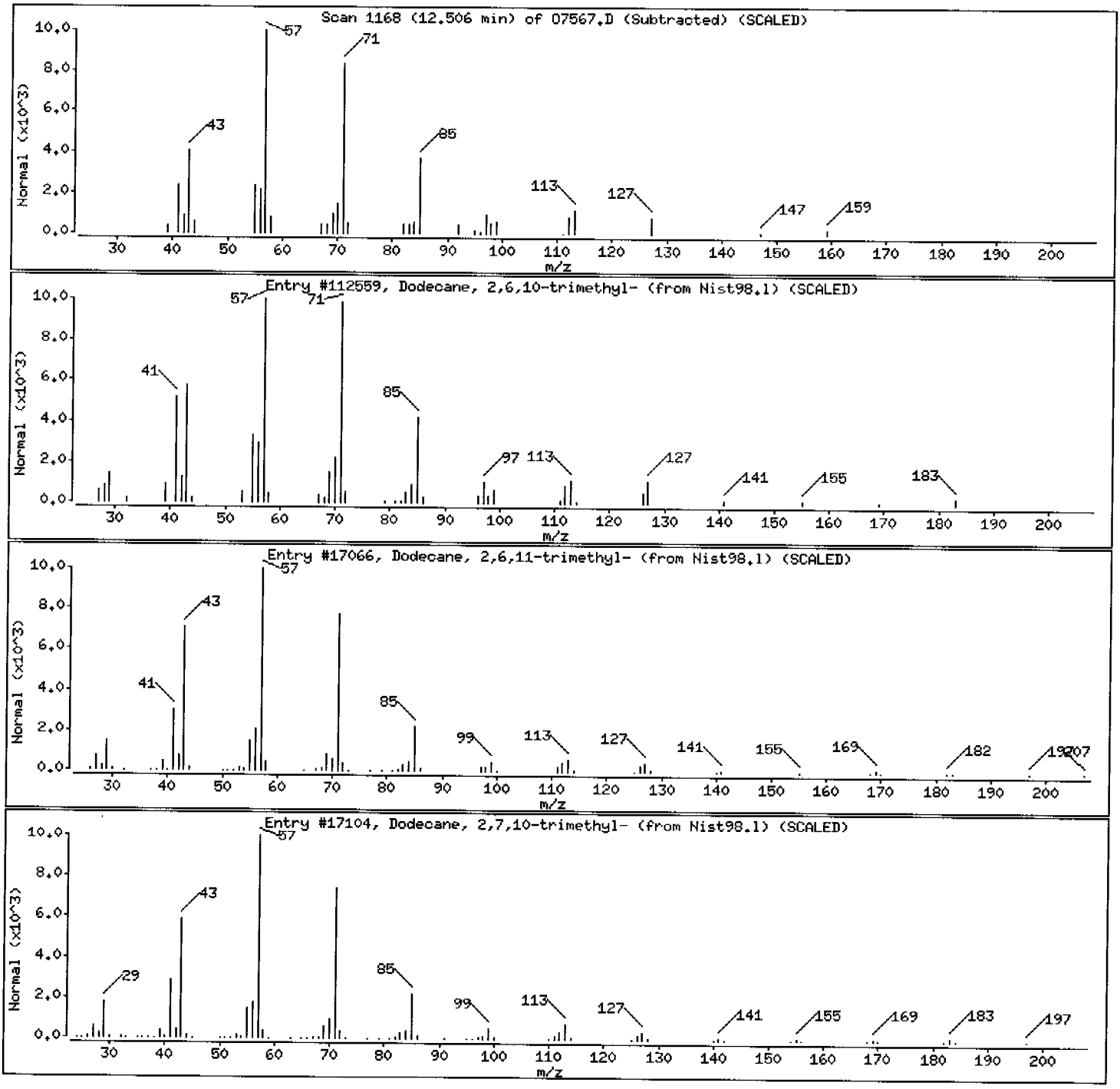
Sample Info: 213443-1

Operator: D. HUMBERT

Column phase: DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dodecane, 2,6,10-trimethyl-	3891-98-3	Nist98.l	112559	91	C15H32	212
Dodecane, 2,6,11-trimethyl-	31295-56-4	Nist98.l	17066	90	C15H32	212
Dodecane, 2,7,10-trimethyl-	74645-98-0	Nist98.l	17104	78	C15H32	212



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Date : 11-AUG-2006 19:41

Client ID: SB-39(28-32)

Instrument: mso.i

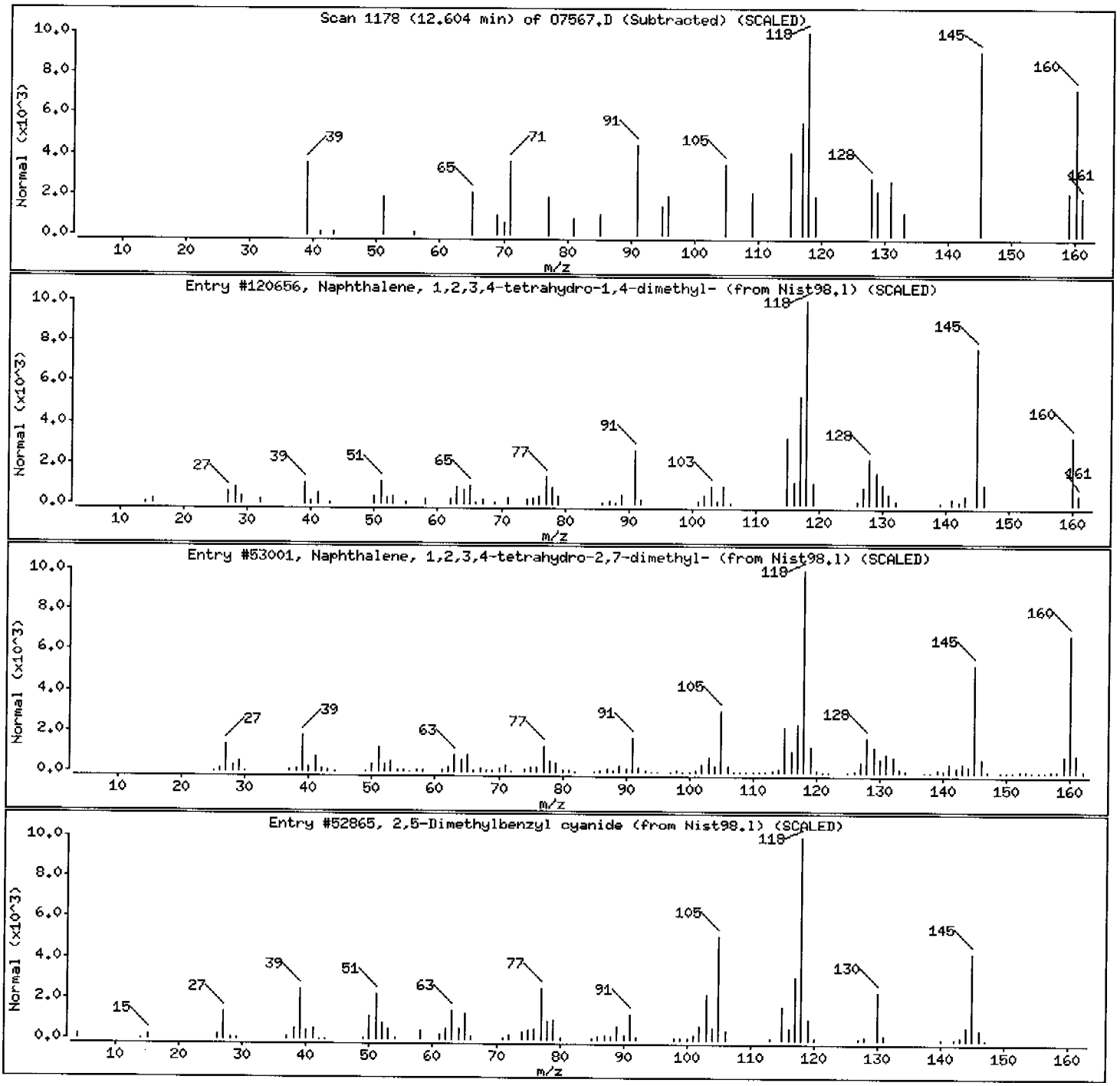
Sample Info: 213443-1

Operator: D. HUMBERT

Column phase: DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	4175-54-6	Nist98.l	120656	72	C12H16	160
Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13065-07-1	Nist98.l	53001	64	C12H16	160
2,5-Dimethylbenzyl cyanide	16213-85-7	Nist98.l	52865	38	C10H11N	145



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Date : 11-AUG-2006 19:41

Client ID: SB-39(28-32)

Instrument: mso.i

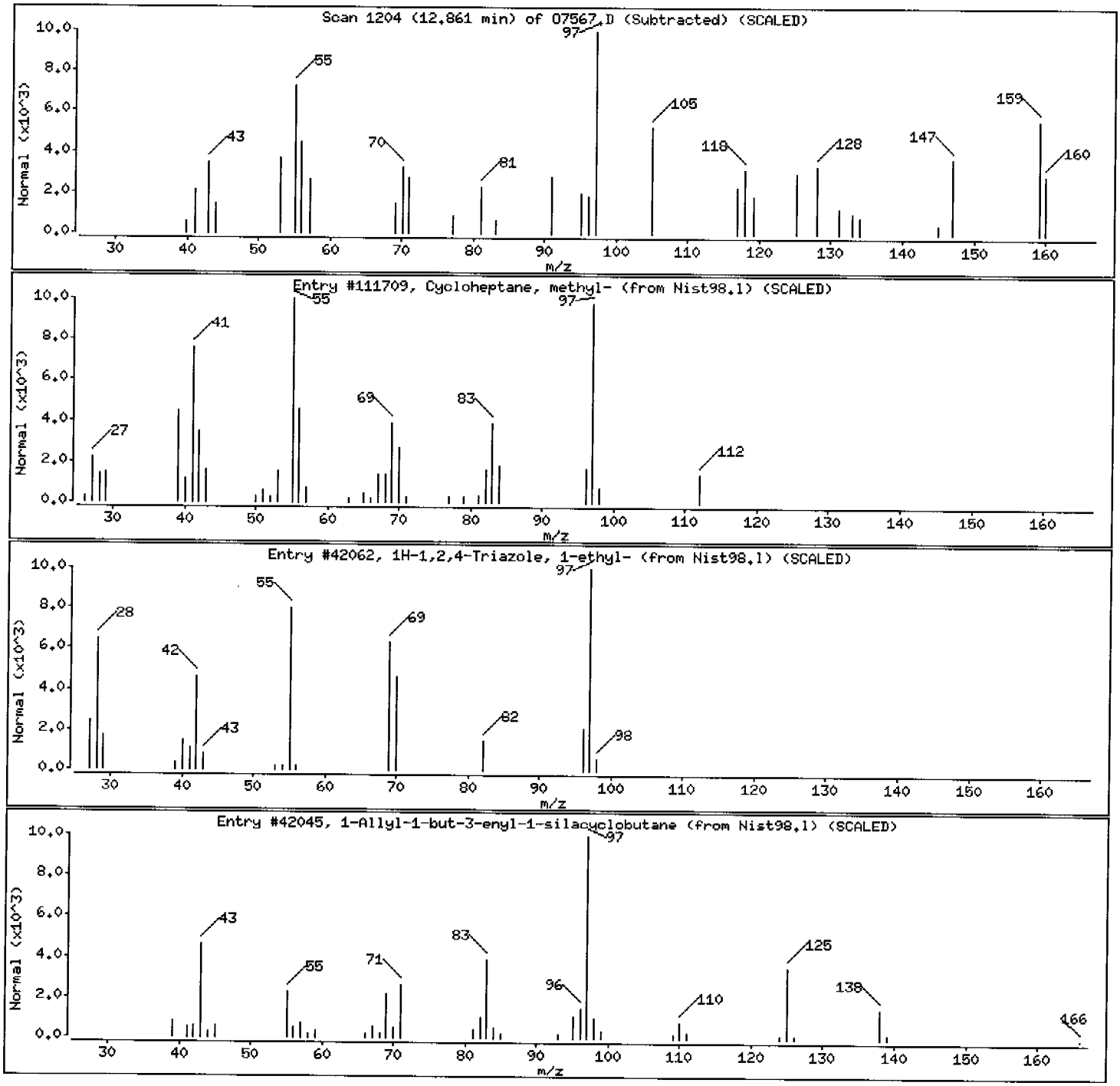
Sample Info: 213443-1

Operator: D. HUMBERT

Column phase: DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cycloheptane, methyl-	4126-78-7	Nist98.l	111709	16	C8H16	112
1H-1,2,4-Triazole, 1-ethyl-	16778-70-4	Nist98.l	42062	10	C4H7N3	97
1-Allyl-1-but-3-enyl-1-silacyclobutane	127597-51-7	Nist98.l	42045	10	C10H18Si	166



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Date : 11-AUG-2006 19:41

Client ID: SB-39(28-32)

Instrument: mso.i

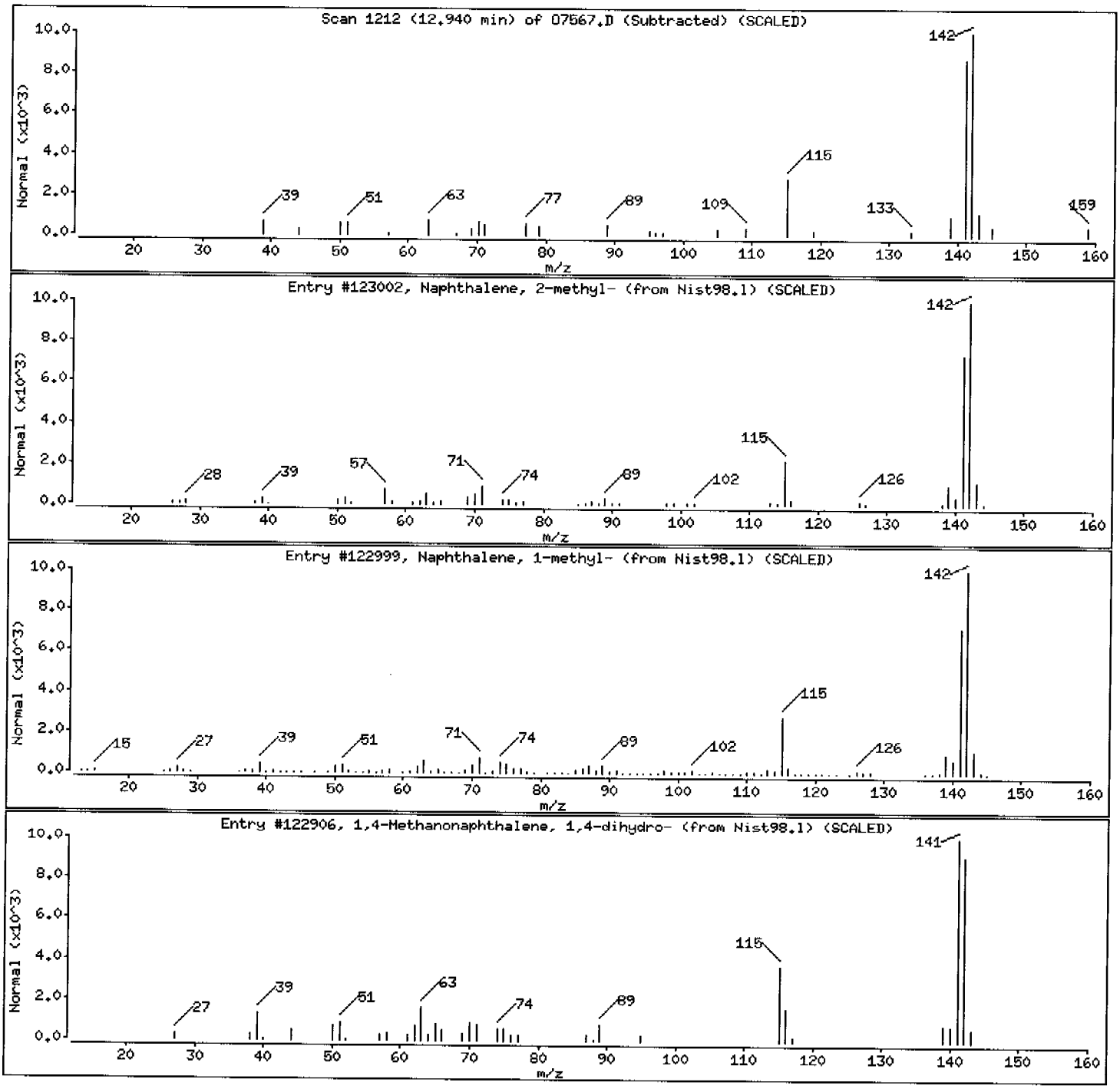
Sample Info: 213443-1

Operator: D. HUMBERT

Column phase: DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 2-methyl-	91-57-6	Nist98.l	123002	87	C11H10	142
Naphthalene, 1-methyl-	90-12-0	Nist98.l	122999	86	C11H10	142
1,4-Methanonaphthalene, 1,4-dihydro-	4453-90-1	Nist98.l	122906	86	C11H10	142



LABORATORY TEST RESULTS

Job Number: 213443

Date:08/22/2006

CUSTOMER: ERM

PROJECT: RABCO PRODUCTS

ATTN: Andy Coenen

Customer Sample ID: SB-40(4-5.5)
Date Sampled.....: 08/07/2006
Time Sampled.....: 16:15
Sample Matrix.....: Soil

Laboratory Sample ID: 213443-2
Date Received.....: 08/08/2006
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	82.6			0.10	0.10	1	%	69668		08/08/06 0000	rlm
	% Moisture, Solid	17.4			0.10	0.10	1	%	69668		08/08/06 0000	rlm
OLM04.2	CLP Volatile Organic Analysis											
	Chloromethane, Solid*	ND	U		1	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Bromomethane, Solid*	ND	U		2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Vinyl chloride, Solid*	ND	U		0.4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Chloroethane, Solid*	ND	U		1	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Methylene chloride, Solid*	12	J	B	2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Acetone, Solid*	27			6	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Carbon disulfide, Solid*	0.8	J		0.5	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,1-Dichloroethene, Solid*	ND	U		0.5	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,1-Dichloroethane, Solid*	ND	U		0.5	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Chloroform, Solid*	ND	U		0.1	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,2-Dichloroethane, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	2-Butanone (MEK), Solid*	ND	U		4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,1,1-Trichloroethane, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Carbon tetrachloride, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Bromodichloromethane, Solid*	ND	U		0.4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,2-Dichloropropane, Solid*	ND	U		0.7	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	cis-1,3-Dichloropropene, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Trichloroethene, Solid*	ND	U		0.5	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Dibromochloromethane, Solid*	ND	U		0.4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,1,2-Trichloroethane, Solid*	ND	U		0.7	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Benzene, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	trans-1,3-Dichloropropene, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Bromoform, Solid*	ND	U		0.4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	4-Methyl-2-pentanone (MIBK), Solid*	ND	U		0.7	12	1.00000	ug/Kg	70199		08/11/06 2007	pam

* In Description = Dry Wgt.

Job Number: 213443

LABORATORY TEST RESULTS

Date:08/22/2006

CUSTOMER: ERM

PROJECT: RAECO PRODUCTS

ATTN: Andy Coenen

Customer Sample ID: SB-40(4-5.5)
Date Sampled.....: 08/07/2006
Time Sampled.....: 16:15
Sample Matrix.....: Soil

Laboratory Sample ID: 213443-2
Date Received.....: 08/08/2006
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2-Hexanone, Solid*	ND	U		1	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Tetrachloroethene, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,1,2,2-Tetrachloroethane, Solid*	ND	U		0.4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Toluene, Solid*	ND	U	B	0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Chlorobenzene, Solid*	ND	U		0.4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Ethylbenzene, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Styrene, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Xylenes (total), Solid*	ND	U		0.4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	cis-1,2-Dichloroethene, Solid*	0.8	J		0.4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	trans-1,2-Dichloroethene, Solid*	ND	U		0.6	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Methyl-tert-butyl-ether (MTBE), Solid*	ND	U		0.4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Dichlorodifluoromethane, Solid*	ND	U		0.6	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Trichlorofluoromethane, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Trichlorotrifluoroethane, Solid*	ND	U		0.5	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Methyl acetate, Solid*	ND	U		3	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Cyclohexane, Solid*	ND	U		0.5	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Methyl cyclohexane, Solid*	ND	U		0.4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,2-Dibromoethane (EDB), Solid*	ND	U		0.5	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	Isopropylbenzene, Solid*	ND	U		0.1	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,3-Dichlorobenzene, Solid*	ND	U		0.4	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,4-Dichlorobenzene, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,2-Dichlorobenzene, Solid*	ND	U		0.2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,2-Dibromo-3-chloropropane, Solid*	ND	U		2	12	1.00000	ug/Kg	70199		08/11/06 2007	pam
	1,2,4-Trichlorobenzene, Solid*	ND	U		0.5	12	1.00000	ug/Kg	70199		08/11/06 2007	pam

* In Description = Dry Wgt.

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-40(4-5.5)

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Matrix: (soil/water) SOIL Lab Sample ID: 213443-2

Sample wt/vol: 5.0 (g/mL) G Lab File ID: O7568

Level: (low/med) LOW Date Received: 08/08/06

% Moisture: not dec. 17 Date Analyzed: 08/11/06

GC Column: DB-624 ID: 0.53 (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.	110-54-3	HEXANE	2.38	7	NJ
2.		UNKNOWN	12.48	10	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.					

STL-CT

Volatile Report CLP METHOD OLM 4.2

Data file : \\Target1_ct\Files\chem\VOA\mso.i\O067547.b\O7568.D
Lab Smp Id: 213443-2 Client Smp ID: SB-40(4-5.5)
Inj Date : 11-AUG-2006 20:07 MS Autotune Date: 28-FEB-2006 13:40
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : 213443-2
Misc Info : :S ;;; SB-40(4.5-5) ; CLP ; 1 ; LLS
Comment :
Method : \\TARGET1_CT\Files\chem\VOA\mso.i\O067547.b\OCLPS42.m
Meth Date : 21-Aug-2006 08:59 cheryl Quant Type: ISTD
Cal Date : 11-AUG-2006 10:00 Cal File: O7548.D
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: CONMSONT

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	17.400	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
*	1 Bromochloromethane	128	3.477	3.478	(1.000)	104015	50.0000	
	15 Carbon Disulfide	76	1.899	1.901	(0.546)	16771	0.64748	0.8
	17 Methylene Chloride	84	2.215	2.216	(0.637)	77551	9.56844	12
	18 Acetone	43	2.245	2.246	(0.646)	36935	22.2672	27
	26 cis-1,2-Dichloroethene	96	3.290	3.281	(0.946)	5649	0.65846	0.8
$	33 1,2-Dichloroethane-d4	65	4.404	4.405	(1.266)	164703	35.9618	44
*	34 1,4-Difluorobenzene	114	4.985	4.986	(1.000)	699202	50.0000	
*	51 Chlorobenzene-d5	117	7.854	7.855	(1.000)	586448	50.0000	
$	53 Toluene-d8	98	6.405	6.416	(0.815)	820629	34.4549	42(R)
$	72 Bromofluorobenzene	95	8.939	8.940	(1.138)	189095	24.2268	29(R)
M	73 1,2-Dichloroethene (total)	100				5649	0.65846	0.8

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

STL-CT

Volatile Report CLP METHOD OLM 4.2

Data file : \\Target1_ct\Files\chem\VOA\mso.i\O067547.b\O7568.D
Lab Smp Id: 213443-2 Client Smp ID: SB-40(4-5.5)
Inj Date : 11-AUG-2006 20:07 MS Autotune Date: 28-FEB-2006 13:40
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : 213443-2
Misc Info : :S ;;; SB-40(4.5-5) ; CLP ; 1 ; LLS
Comment :
Method : \\TARGET1_CT\Files\chem\VOA\mso.i\O067547.b\OCLPS42.m
Meth Date : 21-Aug-2006 08:59 cheryl Quant Type: ISTD
Cal Date : 11-AUG-2006 10:00 Cal File: O7548.D
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: CONMSONT

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	17.400	% Moisture (not decanted)

ISTD	RT	AREA	AMOUNT
* 1 Bromochloromethane	3.477	672664	50.000
* 51 Chlorobenzene-d5	7.855	1597285	50.000

	CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Hexane				CAS #: 110-54-3			
2.383	80358	5.97312581	7	83	Nist98.1	112279	1
Unknown Alkane				CAS #:			
10.852	207400	6.49225467	8	0		0	51
Unknown Cycloalkane				CAS #:			
11.069	175008	5.47830742	7	0		0	51
Unknown Alkane				CAS #:			
11.167	1085414	33.9768260	41	0		0	51
Unknown Alkane				CAS #:			
11.680	1481355	46.3710008	56	0		0	51

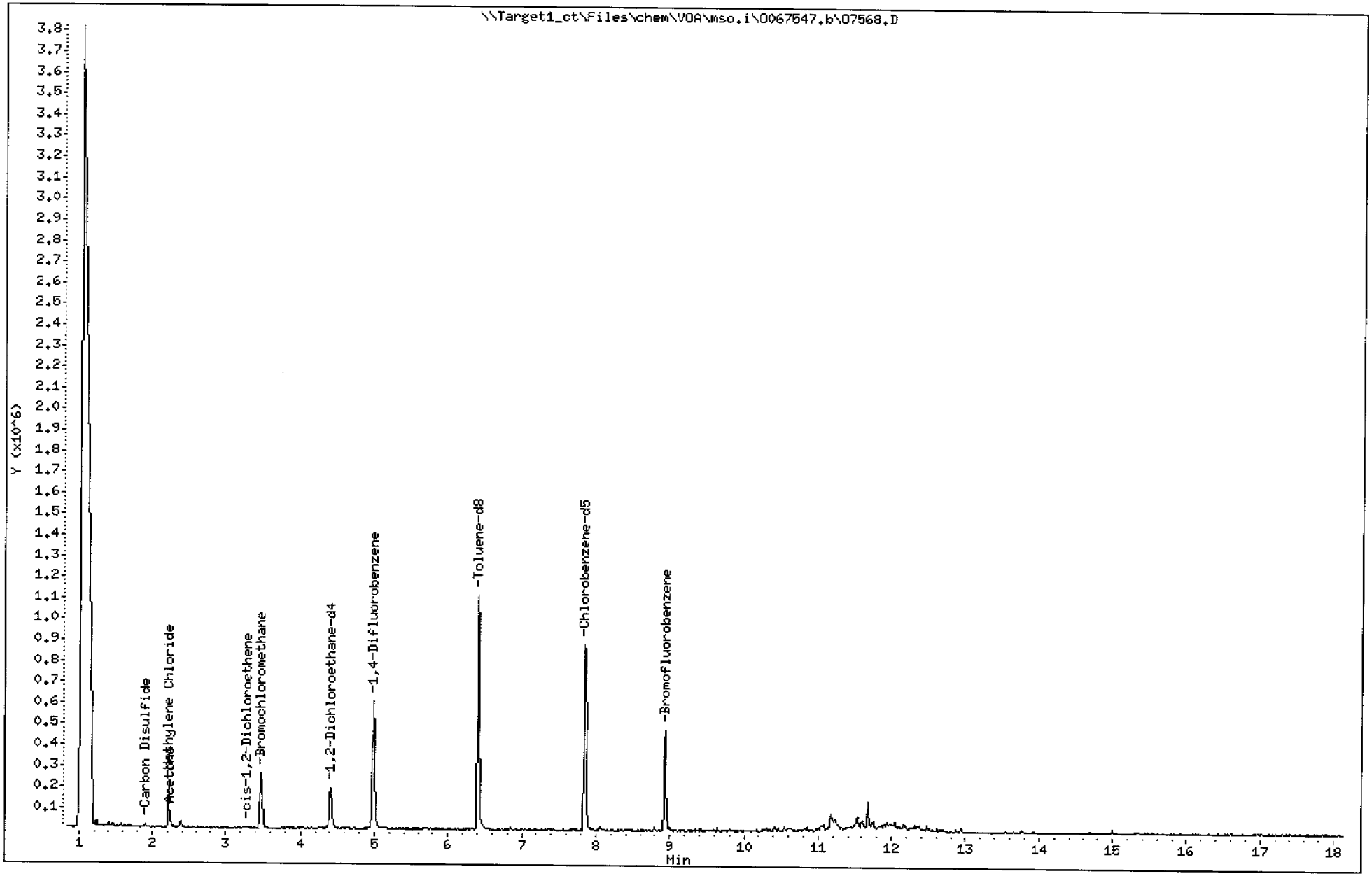
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Unknown					CAS #:		
12.478	258347	8.08707487	10	0		0	51

Data File: \\Target1_ct\Files\chem\VOA\mso.i\0067547.b\07568.D
Date : 11-AUG-2006 20:07
Client ID: SB-40(4-5.5)
Sample Info: 213443-2

Instrument: mso.i

Operator: D. HUMBERT
Column diameter: 0.53

Column phase: DB-624



STL CONNECTICUT

Data File: \\Target1_ot\Files\chem\VOA\mso.i\0067547.b\07568.D

Date : 11-AUG-2006 20:07

Client ID: SB-40(4-5.5)

Instrument: mso.i

Sample Info: 213443-2

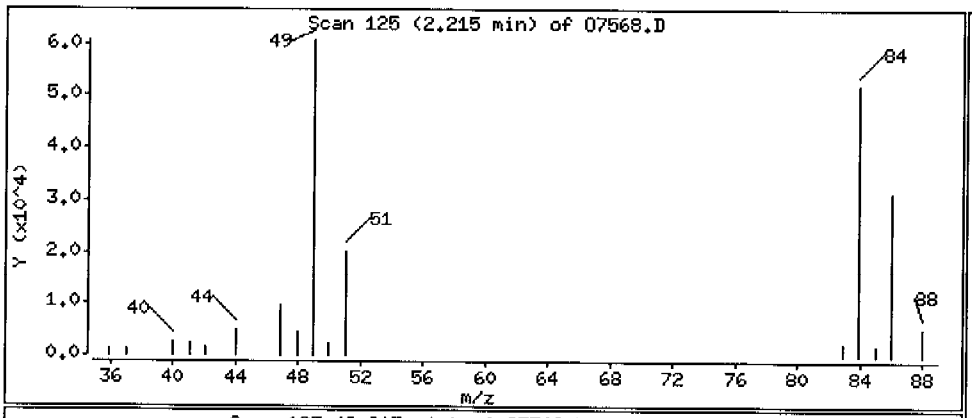
Operator: D. HUMBERT

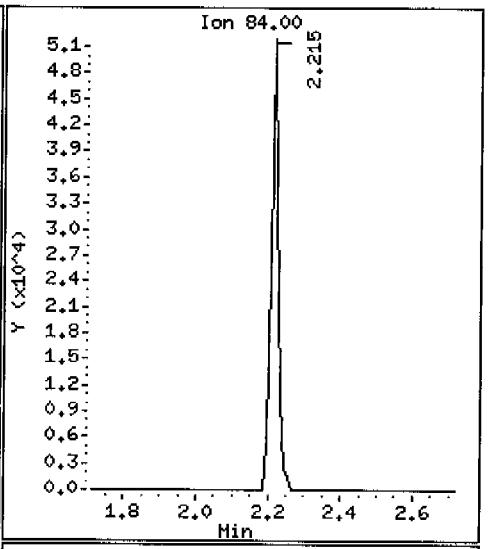
Column phase: DB-624

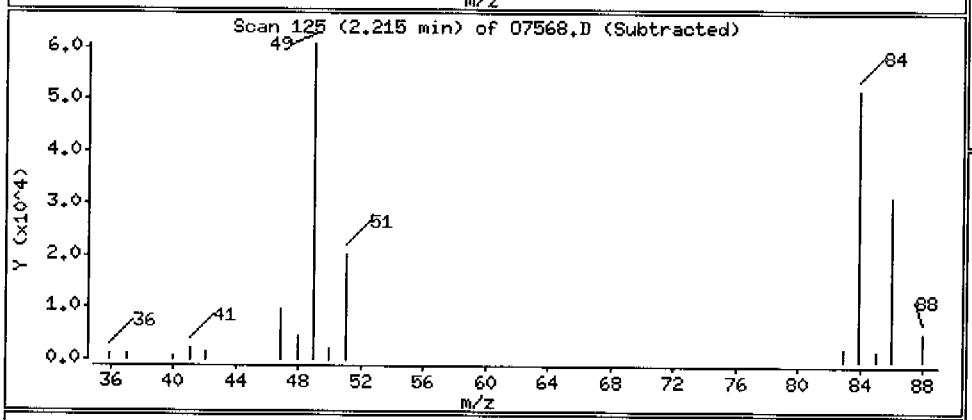
Column diameter: 0.53

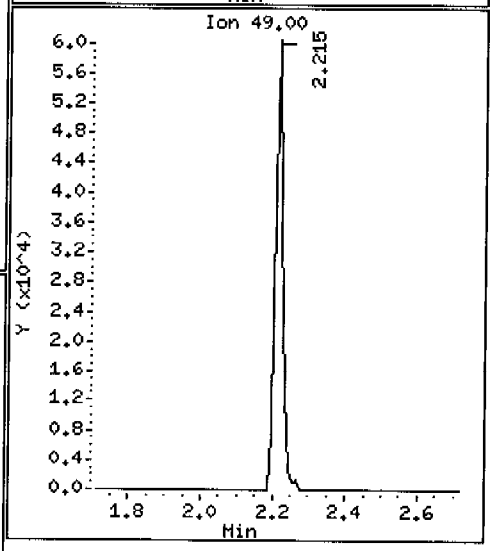
17 Methylene Chloride

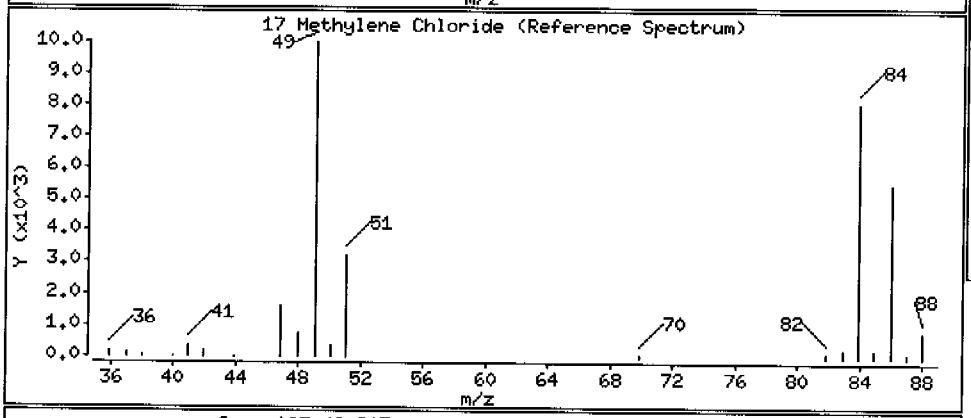
Concentration: 12 ug/Kg

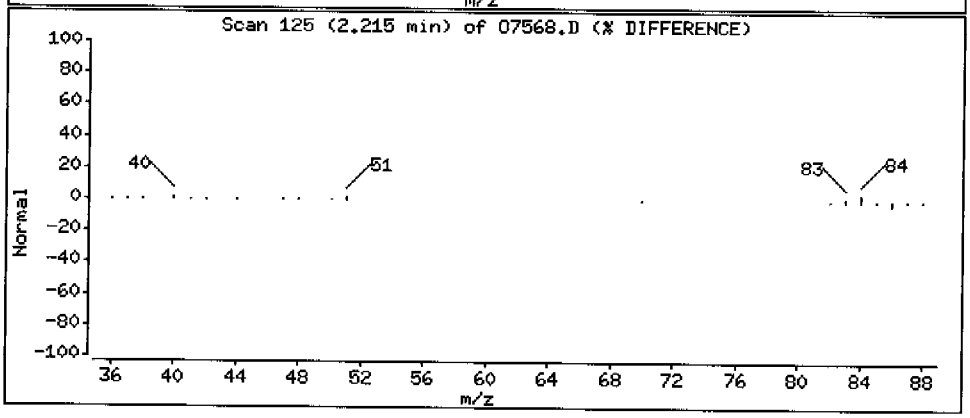












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Date : 11-AUG-2006 20:07

Client ID: SB-40(4-5.5)

Instrument: mso.i

Sample Info: 213443-2

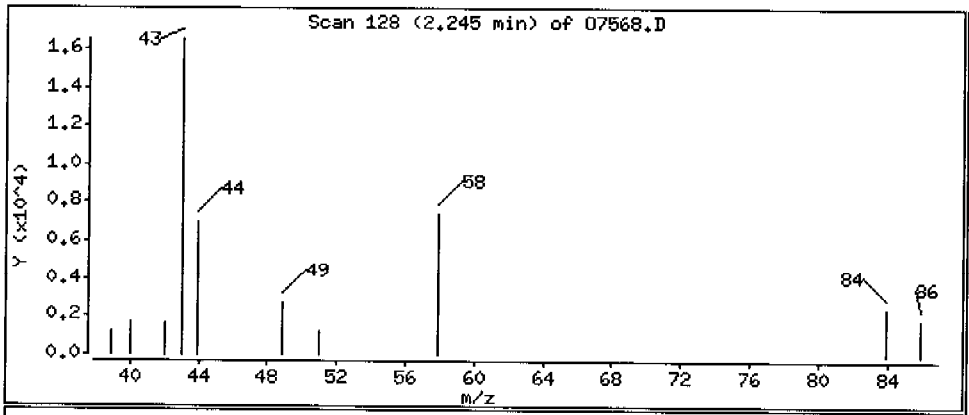
Operator: D. HUMBERT

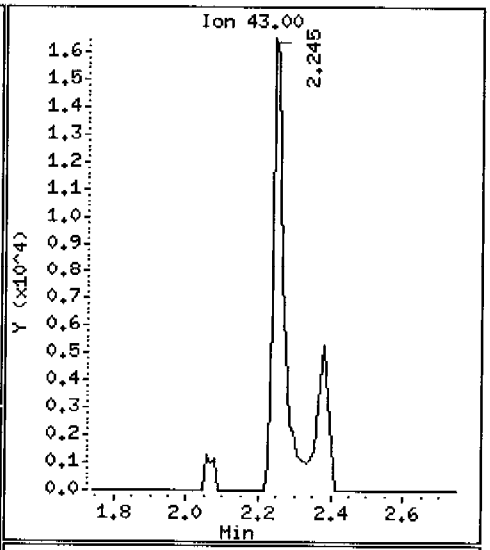
Column phase: DB-624

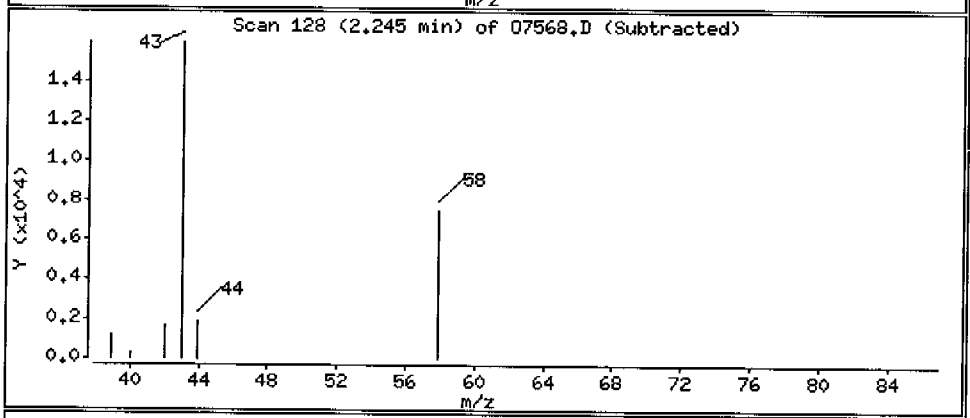
Column diameter: 0.53

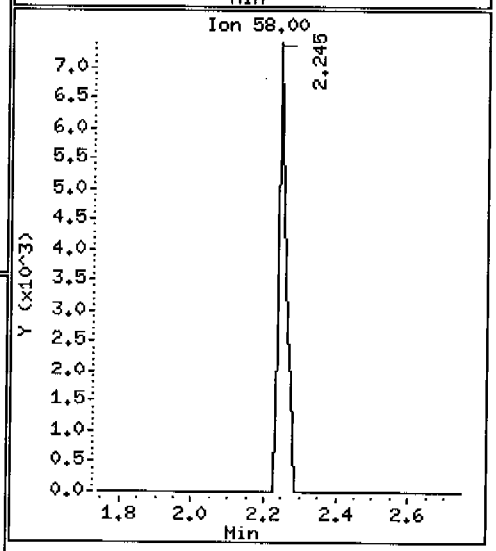
18 Acetone

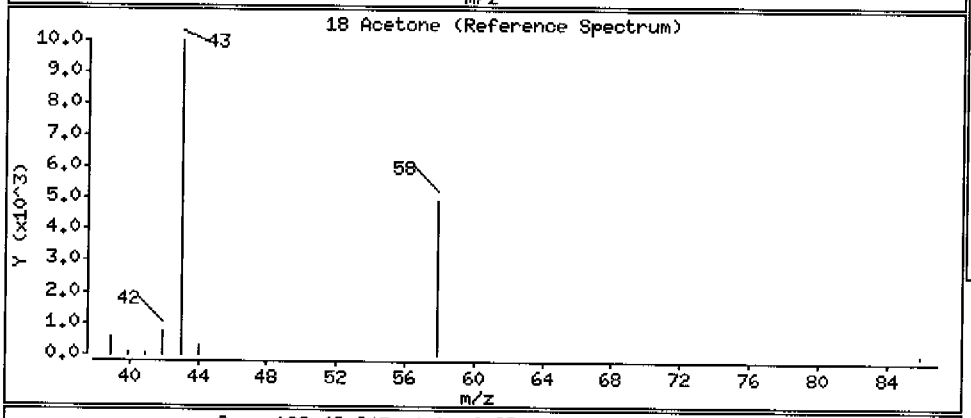
Concentration: 27 ug/Kg

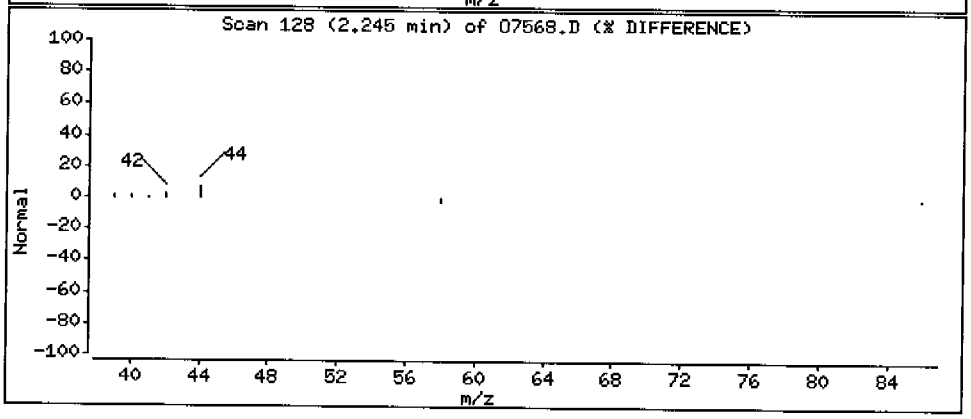












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Date : 11-AUG-2006 20:07

Client ID: SB-40(4-5.5)

Instrument: mso.i

Sample Info: 213443-2

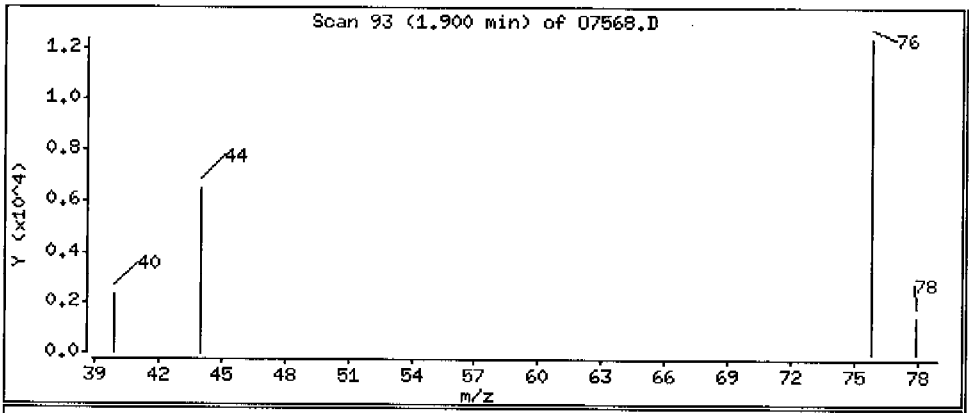
Operator: D. HUMBERT

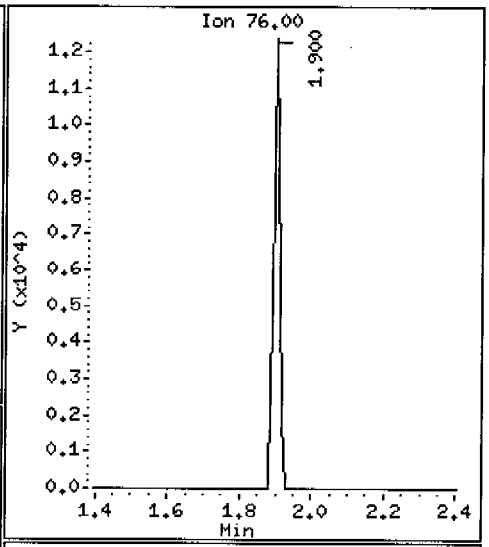
Column phase: DB-624

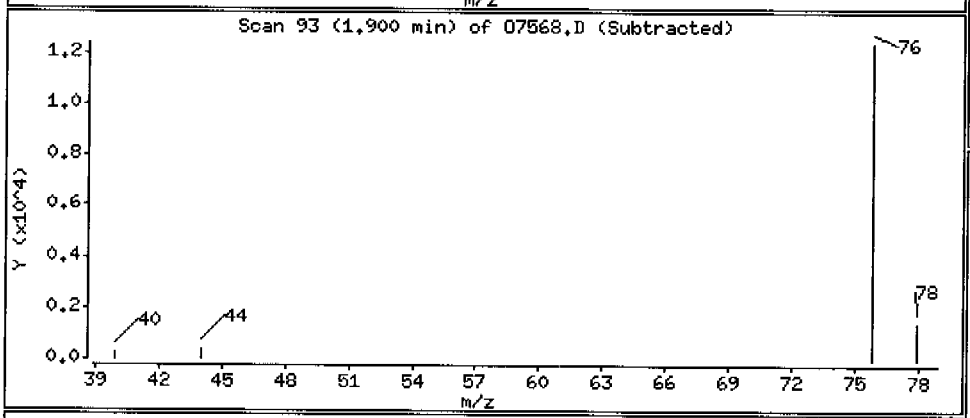
Column diameter: 0.53

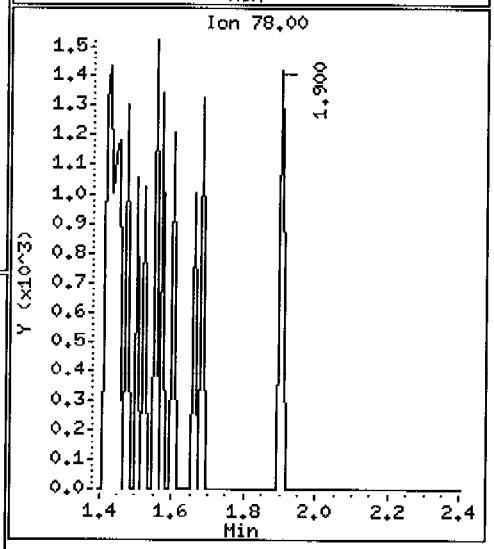
15 Carbon Disulfide

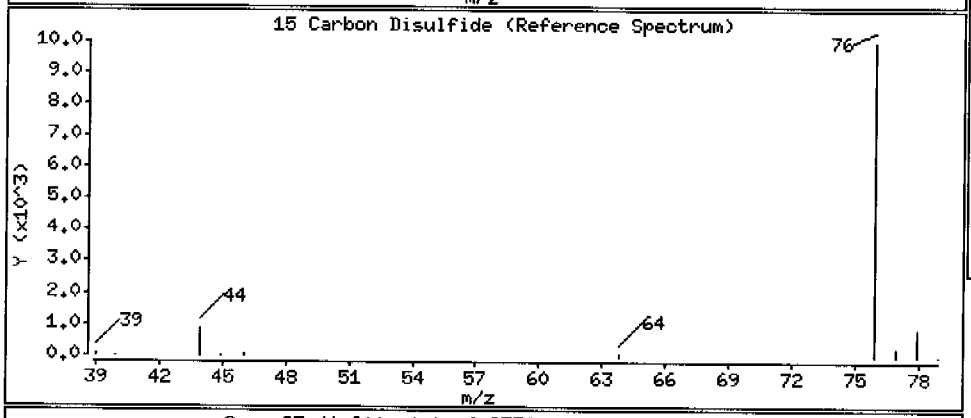
Concentration: 0.8 ug/Kg

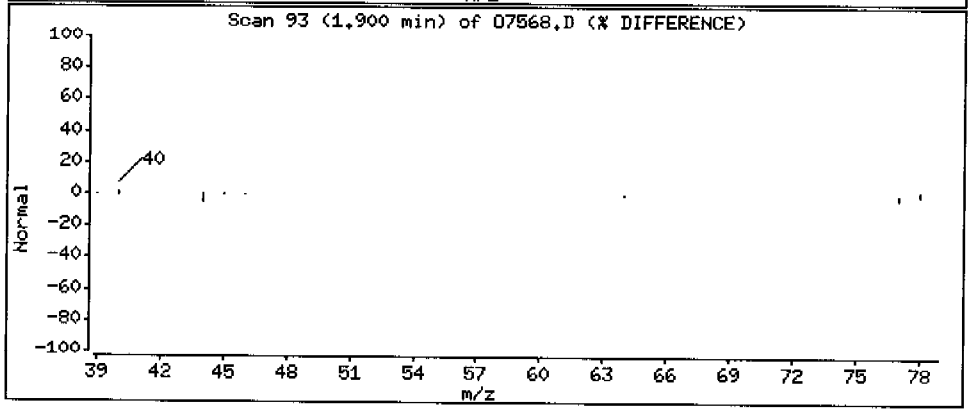












Data File: \\Target1_ct\Files\chem\VOA\mso.i\0067547.b\07568.D

Date : 11-AUG-2006 20:07

Client ID: SB-40(4-5.5)

Instrument: mso.i

Sample Info: 213443-2

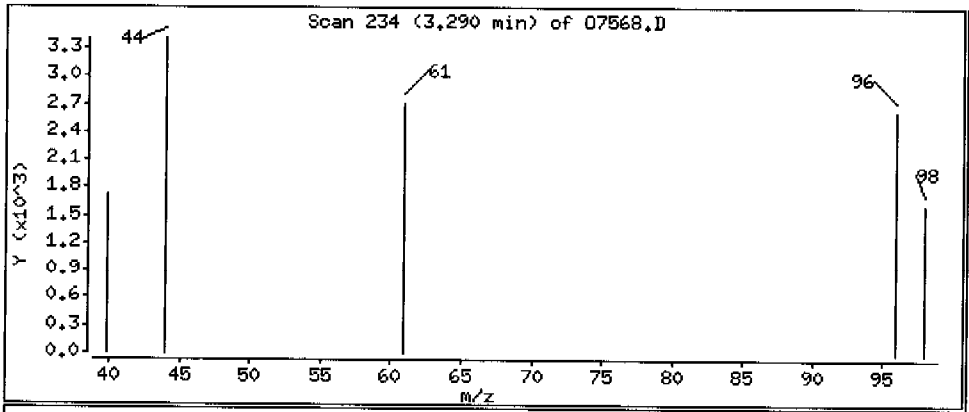
Operator: D. HUMBERT

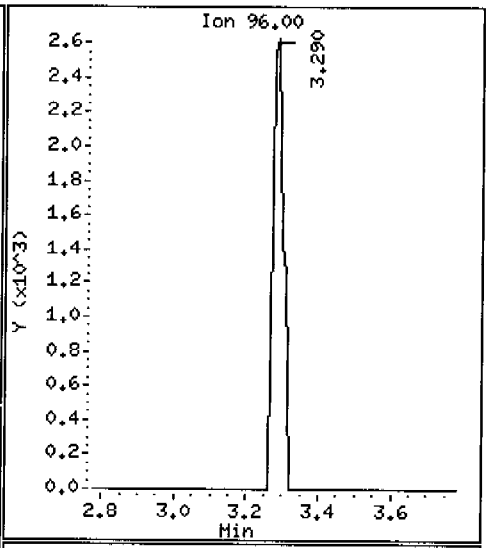
Column phase: DB-624

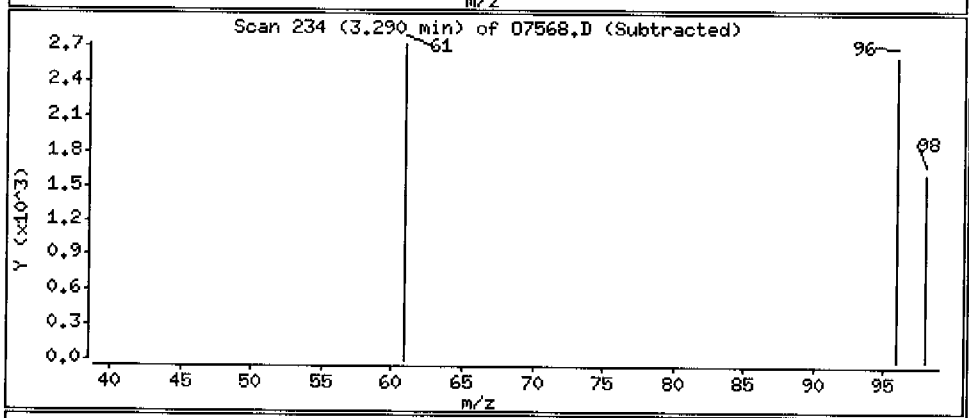
Column diameter: 0.53

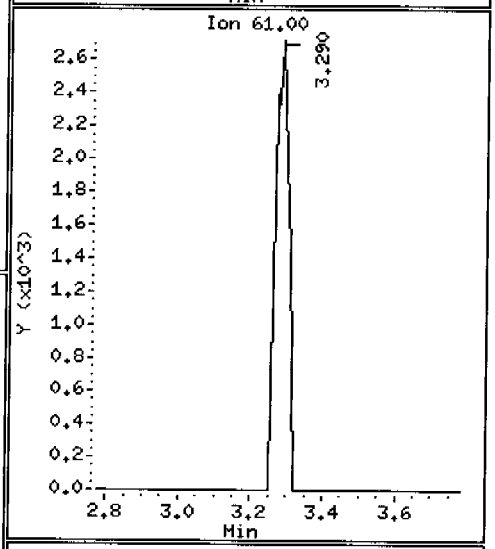
26 cis-1,2-Dichloroethene

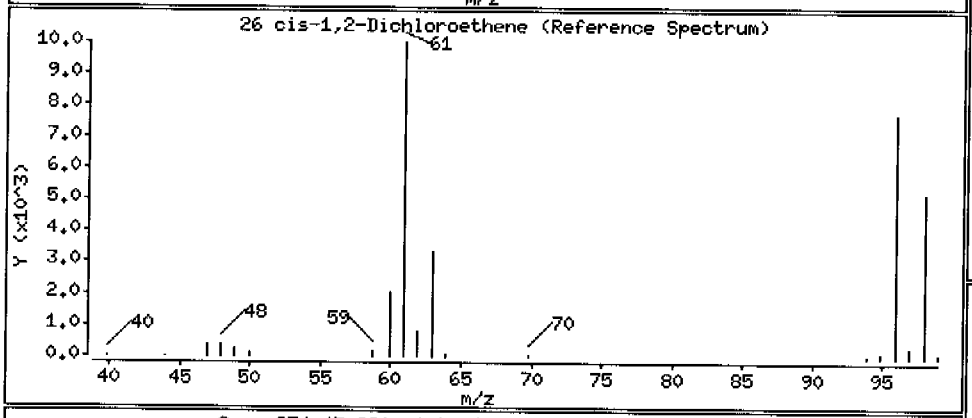
Concentration: 0.8 ug/Kg

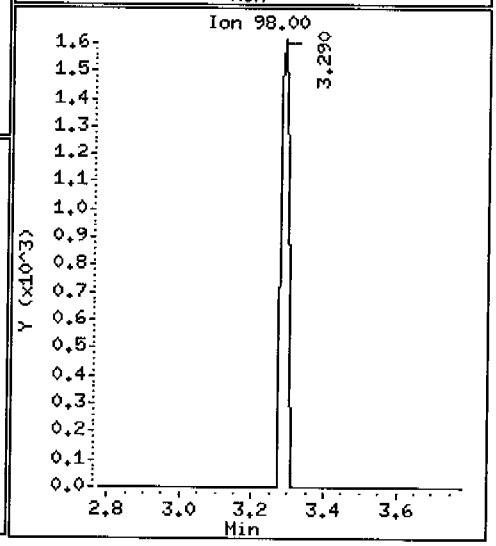


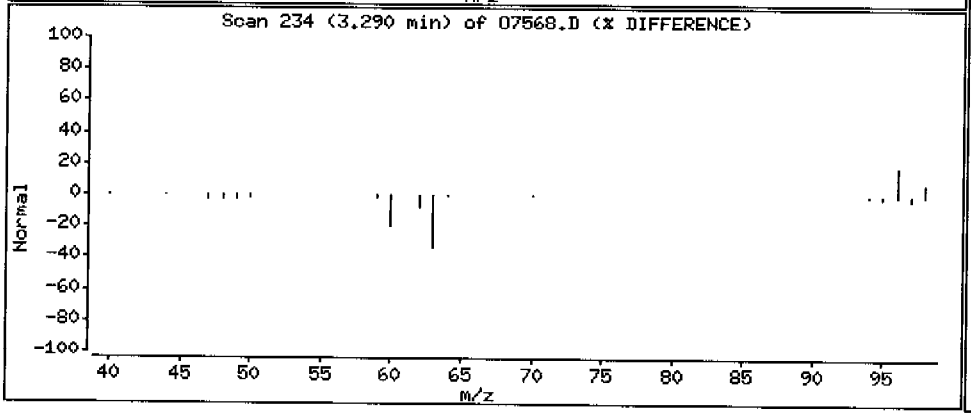












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Date : 11-AUG-2006 20:07

Client ID: SB-40(4-5.5)

Instrument: mso.i

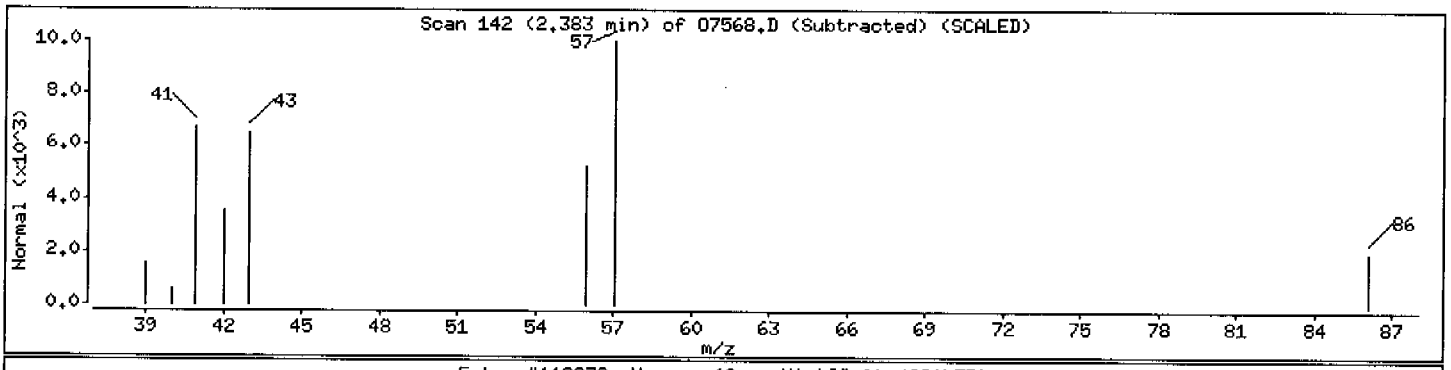
Sample Info: 213443-2

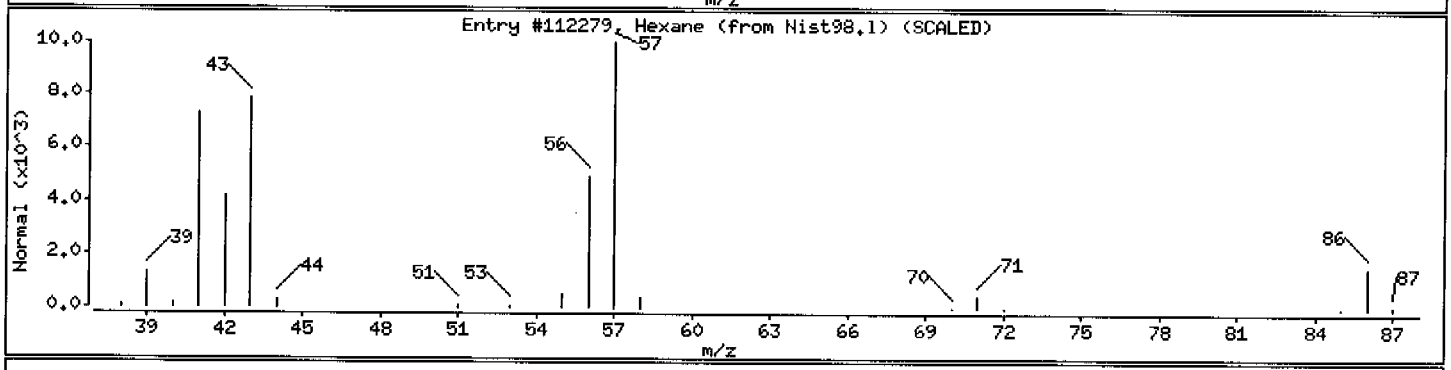
Operator: D. HUMBERT

Column phase: DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexane	110-54-3	Nist98.l	112279	83	C6H14	86





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Date : 11-AUG-2006 20:07

Client ID: SB-40(4-5.5)

Instrument: mso.i

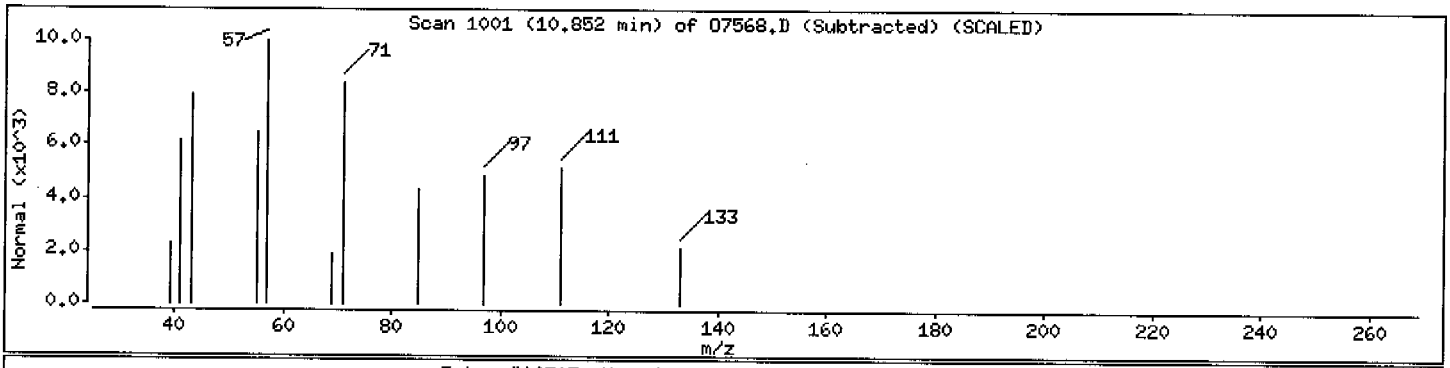
Sample Info: 213443-2

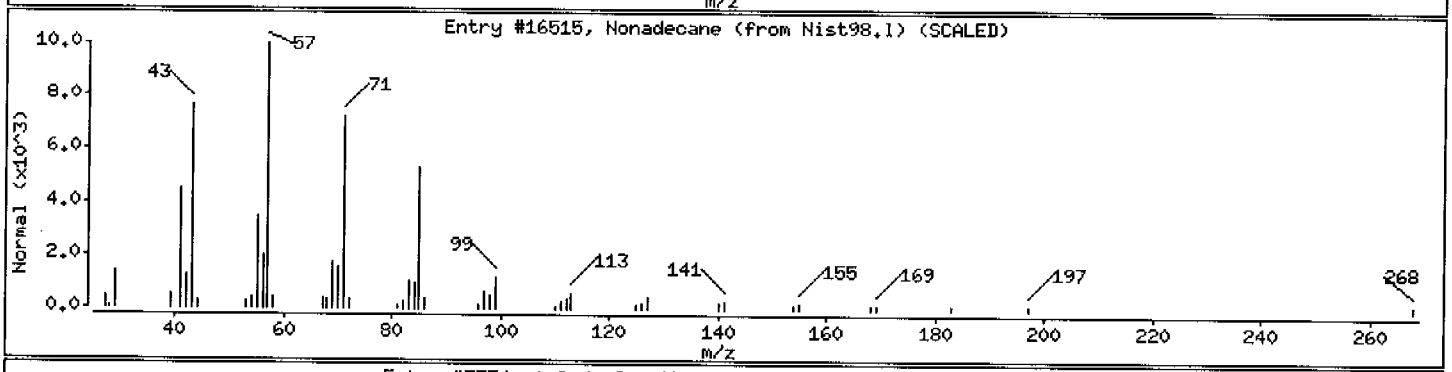
Operator: D. HUMBERT

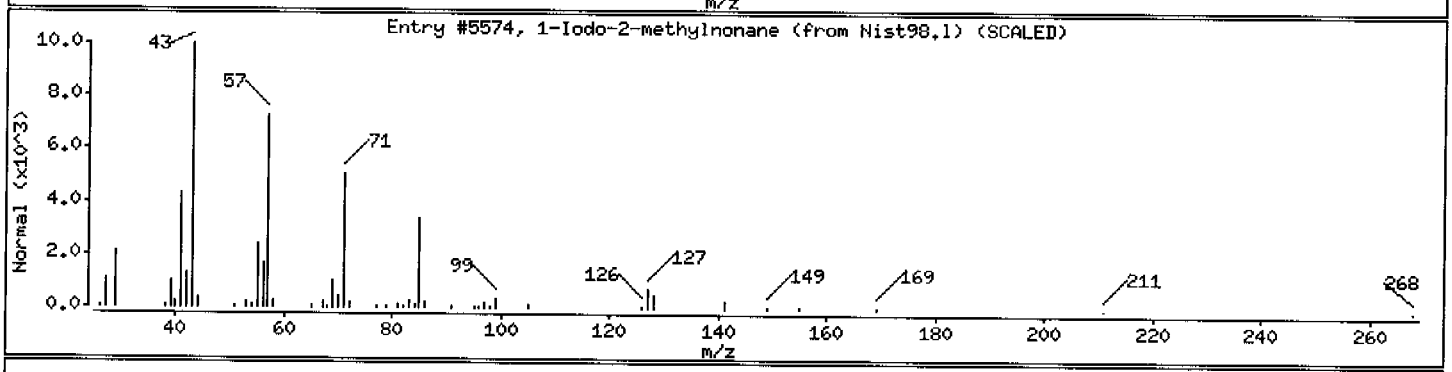
Column phase: DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Nonadecane	629-92-5	Nist98.l	16515	37	C19H40	268
1-Iodo-2-methylnonane	1000101-47-9	Nist98.l	5574	37	C10H21I	268







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Date : 11-AUG-2006 20:07

Client ID: SB-40(4-5.5)

Instrument: mso.i

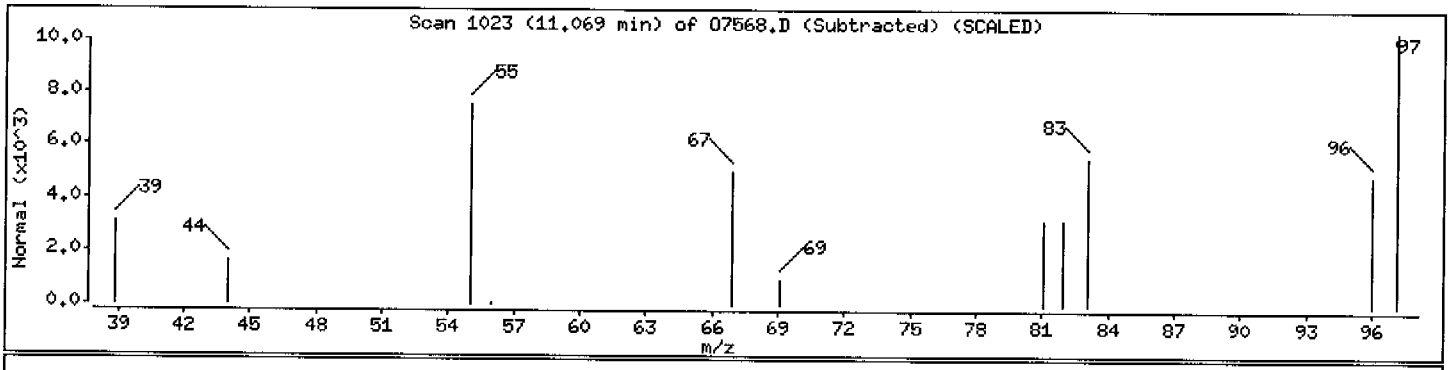
Sample Info: 213443-2

Operator: D. HUMBERT

Column phase: DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Unknown			0	0		0



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Date : 11-AUG-2006 20:07

Client ID: SB-40(4-5.5)

Instrument: mso.i

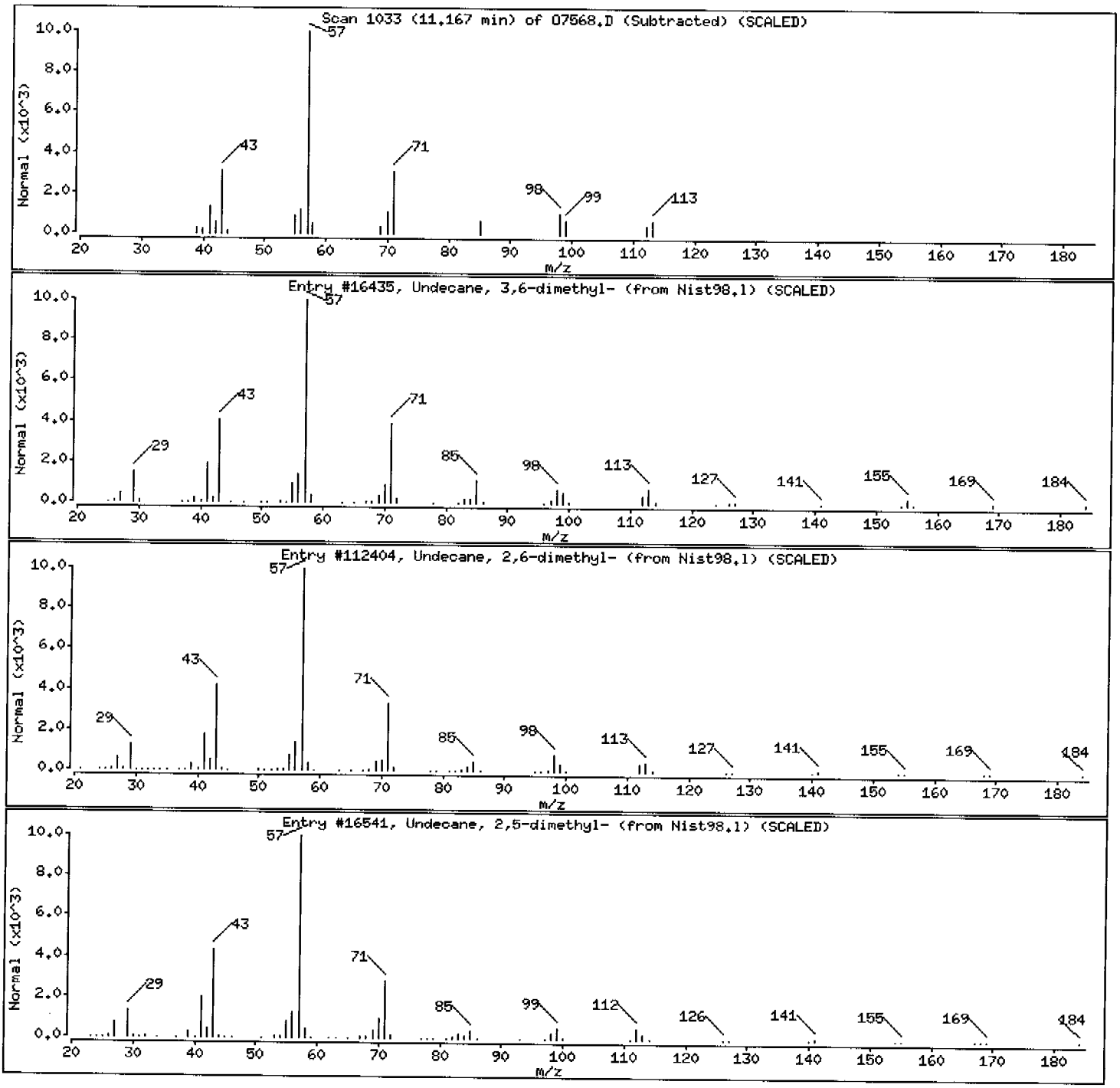
Sample Info: 213443-2

Operator: D. HUMBERT

Column phase: DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Undecane, 3,6-dimethyl-	17301-28-9	Nist98.l	16435	83	C13H28	184
Undecane, 2,6-dimethyl-	17301-23-4	Nist98.l	112404	78	C13H28	184
Undecane, 2,5-dimethyl-	17301-22-3	Nist98.l	16541	78	C13H28	184



Data File: \\Target1_ct\Files\chem\VOA\mso.i\0067547.b\07568.D

Date : 11-AUG-2006 20:07

Client ID: SB-40(4-5.5)

Instrument: mso.i

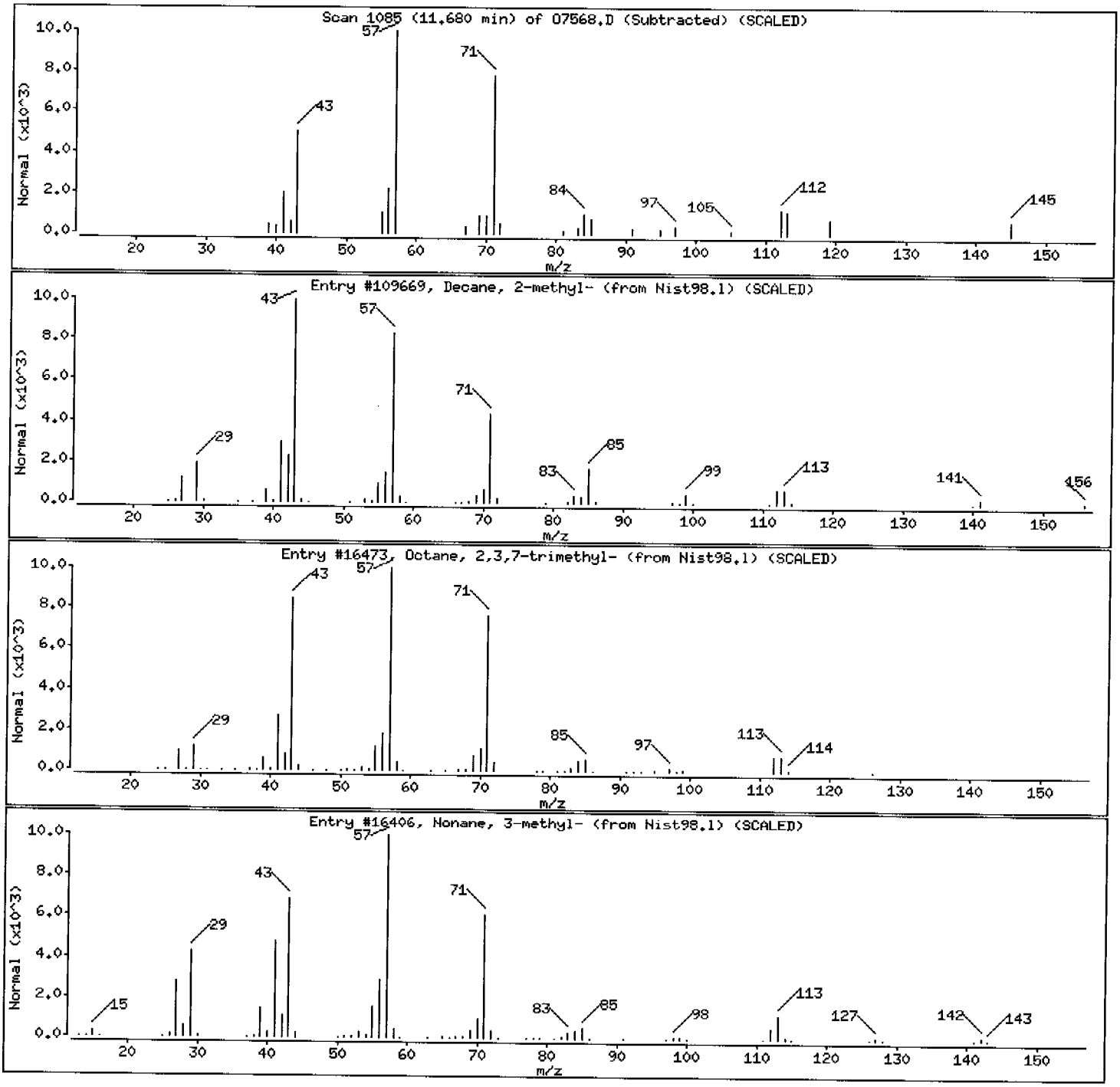
Sample Info: 213443-2

Operator: D. HUMBERT

Column phase: DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Decane, 2-methyl-	6975-98-0	Nist98.l	109669	78	C11H24	156
Octane, 2,3,7-trimethyl-	62016-34-6	Nist98.l	16473	72	C11H24	156
Nonane, 3-methyl-	5911-04-6	Nist98.l	16406	72	C10H22	142



Data File: \\Target1_ct\Files\chem\VOA\mso.i\0067547.b\07568.D

Date : 11-AUG-2006 20:07

Client ID: SB-40(4-5.5)

Instrument: mso.i

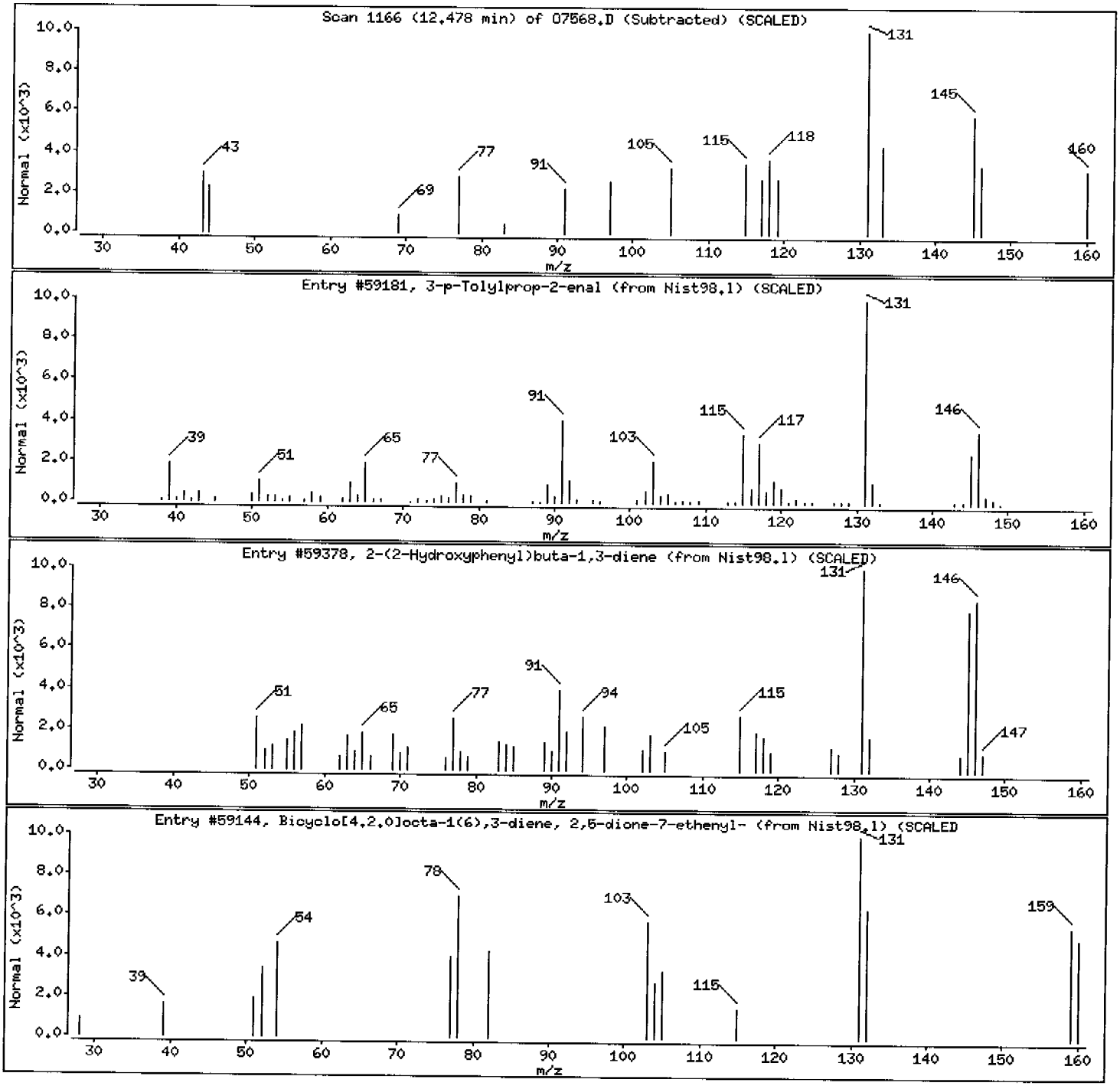
Sample Info: 213443-2

Operator: D. HUMBERT

Column phase: DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
3-p-Tolylprop-2-enal	1000202-14-8	Nist98.l	59181	43	C10H10O	146
2-(2-Hydroxyphenyl)buta-1,3-diene	1000245-56-3	Nist98.l	59378	23	C10H10O	146
Bicyclo[4.2.0]octa-1(6),3-diene, 2,5-dio	1000100-56-7	Nist98.l	59144	22	C10H8O2	160



6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Instrument ID: MSO Calibration Date(s): 08/10/06 08/10/06

Heated Purge: (Y/N) Y Calibration Time(s): 1640 1842

GC Column: DB-624 ID: 0.53 (mm)

LAB FILE ID: RRF10 =O7546 RRF20 =O7545
RRF50 =O7544 RRF100=O7543 RRF200=O7542

	COMPOUND	RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD	
	Dichlorodifluoromethane	2.570	2.060	2.097	2.288	2.105	2.224	9.6	
	Chloromethane	6.340	5.180	5.287	5.446	5.078	5.466	9.3	
*	Vinyl Chloride	5.380	4.375	4.374	4.711	4.454	4.659	9.2*	
*	Bromomethane	1.759	1.136	2.112	1.761	0.954	1.544	31.2*	<-
	Chloroethane	3.098	2.585	2.702	2.865	2.647	2.779	7.4	
	Trichlorofluoromethane	5.318	4.329	4.516	4.691	4.421	4.655	8.5	
	Trichlorotrifluoroethane	5.445	4.594	4.718	4.896	4.611	4.853	7.3	
*	Acrolein	0.335	0.312	0.343	0.317	0.324	0.326	3.8*	
*	1,1-Dichloroethene	4.939	4.043	4.248	4.337	4.168	4.347	8.0*	
	Acetone	1.196	0.890	0.792	0.733	0.719	0.866	22.7	
	Iodomethane	7.166	6.002	7.014	7.304	7.229	6.943	7.7	
	Carbon Disulfide	16.832	14.001	14.664	15.314	14.671	15.096	7.1	
*	tert-Butyl alcohol	0.140	0.119	0.127	0.096	0.124	0.121	13.2*	
	Methylene Chloride	5.351	4.126	4.051	3.947	3.814	4.258	14.6	
	Methyl tert-Butyl Ether	2.048	2.058	1.708	1.190	1.748	1.750	20.2	
	trans-1,2-Dichloroethene	5.548	4.461	4.838	5.027	4.810	4.937	8.1	
	Acrylonitrile	0.715	0.605	0.700	0.672	0.671	0.673	6.3	
*	1,1-Dichloroethane	9.624	7.819	8.057	8.133	7.960	8.319	8.9*	
	cis-1,2-Dichloroethene	5.285	4.320	4.585	4.691	4.551	4.686	7.7	
	2-Butanone	0.989	0.970	1.066	1.015	1.011	1.010	3.6	
	Tetrahydrofuran	0.498	0.477	0.572	0.544	0.528	0.524	7.2	
*	Chloroform	8.077	6.804	7.150	7.394	7.204	7.326	6.4*	
*	1,1,1-Trichloroethane	0.934	0.773	0.867	0.919	0.914	0.881	7.4*	
*	Carbon Tetrachloride	0.925	0.670	0.753	0.823	0.811	0.796	11.8*	
*	Benzene	2.668	2.205	2.436	2.611	2.578	2.500	7.4*	
*	1,2-Dichloroethane	3.436	2.818	2.952	2.970	2.937	3.023	7.9*	
	Vinyl Acetate	0.376	0.357	0.436	0.450	0.499	0.424	13.5	
*	Trichloroethene	0.757	0.644	0.695	0.780	0.781	0.731	8.2*	
	1,2-Dichloropropane	0.634	0.544	0.598	0.638	0.637	0.610	6.6	
	Methyl Methacrylate	0.225	0.201	0.227	0.224	0.229	0.221	5.1	
*	1,4-Dioxane	0.004	0.007	0.015	0.016	0.016	0.012	49.5*	
	Dibromomethane	1.912	1.612	1.718	1.708	1.667	1.723	6.6	
*	Bromodichloromethane	0.611	0.505	0.609	0.647	0.665	0.607	10.2*	
*	2-Chloroethylvinylether								*<-
*	cis-1,3-Dichloropropene	0.705	0.591	0.657	0.725	0.739	0.683	8.8*	
*	trans-1,3-Dichloropropene	0.502	0.436	0.499	0.539	0.553	0.506	9.0*	
*	1,1,2-Trichloroethane	0.373	0.288	0.333	0.339	0.347	0.336	9.2*	

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

FORM VI VOA

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Instrument ID: MSO Calibration Date(s): 08/10/06 08/10/06

Heated Purge: (Y/N) Y Calibration Time(s): 1640 1842

GC Column: DB-624 ID: 0.53 (mm)

LAB FILE ID: RRF10 =O7546 RRF20 =O7545
RRF50 =O7544 RRF100=O7543 RRF200=O7542

COMPOUND		RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD
4-Methyl-2-Pentanone		0.485	0.503	0.434	0.388	0.355	0.433	14.5
Toluene	*	3.418	2.935	3.018	3.046	3.318	3.147	6.6*
Ethyl Methacrylate		0.664	0.598	0.593	0.567	0.560	0.596	6.9
Tetrachloroethene	*	0.634	0.558	0.619	0.661	0.736	0.642	10.1*
2-Hexanone		0.369	0.385	0.296	0.285	0.249	0.317	18.3
Dibromochloromethane	*	0.417	0.349	0.414	0.441	0.453	0.415	9.8*
1,2-Dibromoethane		0.411	0.352	0.407	0.393	0.426	0.398	7.1
Chlorobenzene	*	1.975	1.613	1.739	1.775	1.901	1.801	7.9*
Ethylbenzene	*	1.097	0.909	1.005	1.031	1.101	1.029	7.6*
Xylene (total)mp	*	1.338	1.123	1.227	1.289	1.370	1.269	7.7*
Xylene (total)o	*	1.248	1.020	1.117	1.163	1.228	1.155	7.9*
Styrene	*	1.822	1.585	1.671	1.732	1.885	1.739	6.8*
Bromoform	*	0.214	0.179	0.216	0.234	0.247	0.218	11.8*
Isopropylbenzene		3.371	2.818	3.065	3.191	3.420	3.173	7.7
1,1,2,2-Tetrachloroethane	*	0.507	0.423	0.488	0.474	0.516	0.482	7.6*
1,2,3-Trichloropropane		0.124	0.107	0.116	0.107	0.118	0.114	6.5
1,3-Dichlorobenzene	*	1.313	1.111	1.172	1.185	1.294	1.215	7.1*
1,4-Dichlorobenzene	*	1.299	1.112	1.161	1.136	1.236	1.189	6.5*
1,2-Dichlorobenzene	*	1.109	0.975	1.052	0.996	1.068	1.040	5.2*
1,2-Dibromo-3-chloropropane		0.060	0.060	0.056	0.050	0.054	0.056	8.1
1,2,4-Trichlorobenzene	*	0.610	0.558	0.562	0.539	0.577	0.569	4.7*
Xylene (total)	*	1.308	1.089	1.191	1.247	1.323	1.232	7.7*
1,2-Dichloroethene (total)		5.416	4.390	4.711	4.859	4.680	4.811	7.9
Methyl Cyclohexane		1.395	1.126	1.238	1.366	1.353	1.296	8.6
Cyclohexane		1.484	1.217	1.318	1.475	1.447	1.388	8.4
Methyl Acetate		2.003	1.414	1.551	1.435	1.491	1.579	15.4
Freon 141		6.707	5.689	5.751	6.114	5.764	6.005	7.1
Chlorodifluoromethane		11.911	9.355	9.332	9.768	9.284	9.930	11.3
Freon 152a		2.806	2.098	2.207	2.317	2.116	2.309	12.6
Freon 123		7.798	6.490	6.693	6.856	6.532	6.874	7.8
Freon 115		0.148	0.121	0.117	0.134	0.113	0.127	11.3
1,2-Dichloroethane-d4		2.698	2.528	2.384	2.394	2.269	2.455	6.7
Toluene-d8		2.229	2.143	2.271	2.401	2.496	2.308	6.1
Bromofluorobenzene	*	0.759	0.687	0.718	0.713	0.758	0.727	4.3*

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

FORM VI VOA

STL-CT

Volatile Report CLP METHOD OLM 4.2

Data file : \\TARGET1_CT\Files\chem\VOA\mso.i\O067532.b\O7542.D
Lab Smp Id: VSTD200OG Client Smp ID: VSTD200OG
Inj Date : 10-AUG-2006 16:40 MS Autotune Date: 28-FEB-2006 13:40
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : VSTD200OG
Misc Info : :S ;;; VSTD200OG ; CLP ; 1 ; LLS
Comment :
Method : \\TARGET1_CT\Files\chem\VOA\mso.i\O067532.b\OCLPS42.m
Meth Date : 11-Aug-2006 10:59 dave Quant Type: ISTD
Cal Date : 10-AUG-2006 17:51 Cal File: O7544.D
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: CONMSONT

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

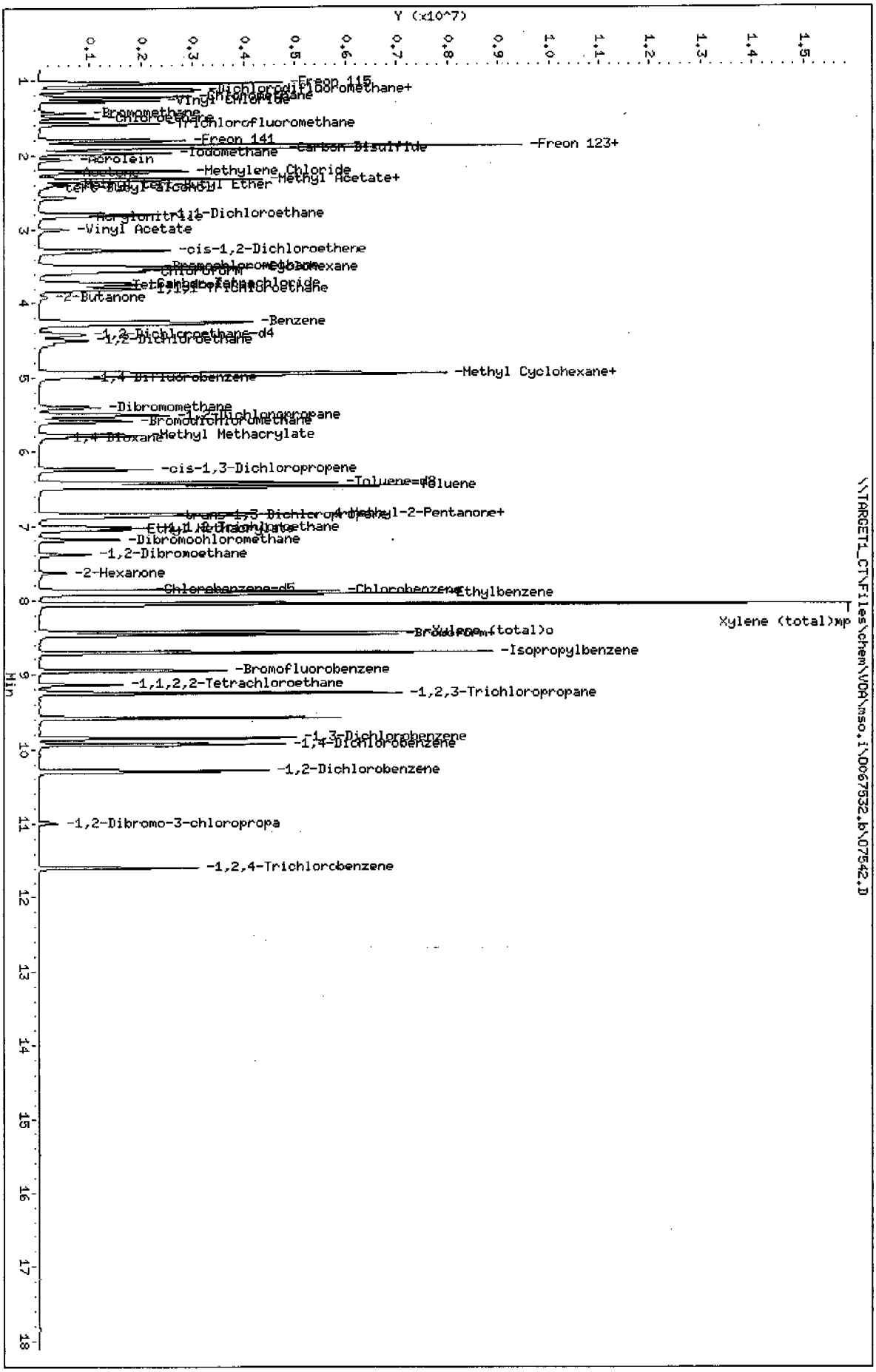
Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Bromochloromethane	128	3.487	3.481	(1.000)	81132	50.0000	
2	Freon 115	119	1.042	1.036	(0.299)	36602	200.000	180
3	Dichlorodifluoromethane	85	1.121	1.115	(0.322)	683114	200.000	190
4	Freon 152a	65	1.121	1.115	(0.322)	686764	200.000	180
5	Chlorodifluoromethane	51	1.131	1.135	(0.324)	3012933	200.000	190
6	Chloromethane	50	1.220	1.224	(0.350)	1647892	200.000	180
7	Vinyl Chloride	62	1.269	1.263	(0.364)	1445400	200.000	190
8	Bromomethane	94	1.436	1.431	(0.412)	309768	200.000	120(M)
9	Chloroethane	64	1.505	1.500	(0.432)	859145	200.000	190
10	Trichlorofluoromethane	101	1.584	1.578	(0.454)	1434690	200.000	190
11	Freon 141	81	1.801	1.805	(0.517)	1870669	200.000	190
12	Freon 123	83	1.870	1.874	(0.536)	2119939	200.000	190
13	Trichlorotrifluoroethane	101	1.880	1.884	(0.539)	1496444	200.000	190
14	1,1-Dichloroethene	96	1.870	1.874	(0.536)	1352824	200.000	190
15	Carbon Disulfide	76	1.910	1.904	(0.548)	4761198	200.000	190
16	Iodomethane	142	1.969	1.963	(0.565)	2346009	200.000	210(A)
17	Methylene Chloride	84	2.225	2.219	(0.638)	1237746	200.000	180
18	Acetone	43	2.245	2.259	(0.644)	233266	200.000	170
19	Methyl Acetate	43	2.324	2.328	(0.666)	483849	200.000	190
20	trans-1,2-Dichloroethene	96	2.334	2.338	(0.669)	1560955	200.000	190

			QUANT SIG					AMOUNTS	
								CAL-AMT	ON-COL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	21	Methyl tert-Butyl Ether	73	2.403	2.407	(0.689)	567145	200.000	200
	22	Acrolein	56	2.058	2.062	(0.590)	526373	1000.00	990
	23	tert-Butyl alcohol	59	2.442	2.446	(0.700)	201463	1000.00	1000(A)
	24	Acrylonitrile	53	2.826	2.840	(0.811)	435285	400.000	400
	25	1,1-Dichloroethane	63	2.797	2.801	(0.802)	2583348	200.000	190
	26	cis-1,2-Dichloroethene	96	3.280	3.284	(0.941)	1476834	200.000	190
	27	Chloroform	83	3.566	3.560	(1.023)	2337850	200.000	200
	28	Tetrahydrofuran	42	3.753	3.787	(1.076)	342856	400.000	400(A)
	29	2-Butanone	43	3.921	3.984	(1.124)	328044	200.000	600(AH)
	30	1,2-Dichloroethane	62	4.493	4.507	(1.288)	953267	200.000	190
	31	Dibromomethane	93	5.400	5.414	(1.548)	541016	200.000	190
	32	1,4-Dioxane	58	5.804	5.818	(1.664)	51949	2000.00	2700(A)
$	33	1,2-Dichloroethane-d4	65	4.414	4.418	(1.266)	736263	200.000	180
*	34	1,4-Difluorobenzene	114	4.995	4.990	(1.000)	524520	50.0000	
	35	Vinyl Acetate	43	2.994	3.018	(0.599)	1046707	200.000	240(A)
	36	1,1,1-Trichloroethane	97	3.802	3.797	(0.761)	1917251	200.000	210(A)
	37	Carbon Tetrachloride	117	3.733	3.728	(0.747)	1701243	200.000	200(A)
	38	Benzene	78	4.256	4.260	(0.852)	5407896	200.000	210(A)
	39	Cyclohexane	56	3.507	3.501	(0.702)	3035472	200.000	210(A)
	40	Methyl Cyclohexane	83	4.946	4.950	(0.990)	2839140	200.000	210(A)
	41	Trichloroethene	130	4.956	4.960	(0.992)	1639196	200.000	210(A)
	42	1,2-Dichloropropane	63	5.508	5.512	(1.103)	1337439	200.000	210(A)
	43	Bromodichloromethane	83	5.587	5.591	(1.118)	1395315	200.000	220(A)
	44	Methyl Methacrylate	69	5.774	5.788	(1.156)	959579	400.000	410(A)
	46	cis-1,3-Dichloropropene	75	6.238	6.242	(1.249)	1549898	200.000	220(A)
	47	trans-1,3-Dichloropropene	75	6.869	6.873	(1.375)	1161104	200.000	220(A)
	48	1,1,2-Trichloroethane	97	7.016	7.020	(1.405)	727694	200.000	210(A)
	49	Dibromochloromethane	129	7.184	7.178	(1.438)	950524	200.000	220(A)
	50	Bromoform	173	8.476	8.480	(1.697)	518442	200.000	230(A)
*	51	Chlorobenzene-d5	117	7.854	7.858	(1.000)	424557	50.0000	
	52	Toluene	91	6.464	6.468	(0.823)	5634979	200.000	210(A)
$	53	Toluene-d8	98	6.415	6.419	(0.817)	4238042	200.000	220(A)
	54	4-Methyl-2-Pentanone	43	6.839	6.853	(0.871)	602768	200.000	160
	55	Tetrachloroethene	164	6.839	6.843	(0.871)	1250560	200.000	230(A)
	56	Ethyl Methacrylate	69	7.046	7.060	(0.897)	951640	200.000	190
	57	1,2-Dibromoethane	107	7.381	7.385	(0.940)	723742	200.000	210(A)
	58	2-Hexanone	43	7.618	7.642	(0.970)	422218	200.000	160
	59	Chlorobenzene	112	7.874	7.868	(1.002)	3228555	200.000	210(A)
	60	Ethylbenzene	106	7.914	7.908	(1.008)	1869160	200.000	210(A)
	61	Xylene (total)mp	106	8.042	8.046	(1.024)	4654643	400.000	430(A)
	62	Xylene (total)o	106	8.416	8.420	(1.072)	2085618	200.000	210(A)
	63	Styrene	104	8.466	8.470	(1.078)	3201920	200.000	220(A)
	64	Isopropylbenzene	105	8.702	8.696	(1.108)	5808224	200.000	220(A)
	65	1,1,2,2-Tetrachloroethane	83	9.126	9.130	(1.162)	876392	200.000	210(A)
	66	1,2,3-Trichloropropane	110	9.235	9.239	(1.176)	200606	200.000	210(A)
	67	1,3-Dichlorobenzene	146	9.846	9.850	(1.254)	2197599	200.000	210(A)
	68	1,4-Dichlorobenzene	146	9.925	9.929	(1.264)	2098637	200.000	210(A)
	69	1,2-Dichlorobenzene	146	10.290	10.294	(1.310)	1814098	200.000	200(A)
	70	1,2-Dibromo-3-chloropropane	75	10.989	10.984	(1.399)	92176	200.000	190
	71	1,2,4-Trichlorobenzene	180	11.591	11.595	(1.476)	980550	200.000	200(A)
$	72	Bromofluorobenzene	95	8.939	8.943	(1.138)	1287518	200.000	210(A)
M	73	1,2-Dichloroethene (total)	100				3037789	400.000	390
M	74	Xylene (total)	100				6740261	600.000	640

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.



Data File: \\TARGET1_CT\Files\chem\VOA\mso.i\D0067532.b\07542.D
Date : 10-AUG-2006 16:40
Client ID: VSTD200QG
Sample Info: VSTD200QG
Column phase: DB-624

Instrument: mso.i
Operator: D. HUMBERT
Column diameter: 0.53

STL-CT

Volatile Report CLP METHOD OLM 4.2

Data file : \\TARGET1_CT\Files\chem\VOA\mso.i\0067532.b\07543.D
Lab Smp Id: VSTD100OH
Inj Date : 10-AUG-2006 17:26 MS Autotune Date: 28-FEB-2006 13:40
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : VSTD100OH
Misc Info : :S ;;; VSTD100OH ; CLP ; 1 ; LLS
Comment :
Method : \\TARGET1_CT\Files\chem\VOA\mso.i\0067532.b\OCLPS42.m
Meth Date : 11-Aug-2006 10:59 dave Quant Type: ISTD
Cal Date : 10-AUG-2006 17:51 Cal File: 07544.D
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: CONMSONT

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
* 1	Bromochloromethane	128	3.492	3.481	(1.000)	77258	50.0000	
2	Freon 115	119	1.037	1.036	(0.297)	20743	100.000	100
3	Dichlorodifluoromethane	85	1.116	1.115	(0.320)	353578	100.000	100
4	Freon 152a	65	1.116	1.115	(0.320)	358073	100.000	100
5	Chlorodifluoromethane	51	1.116	1.135	(0.320)	1509291	100.000	98
6	Chloromethane	50	1.224	1.224	(0.351)	841573	100.000	100
7	Vinyl Chloride	62	1.264	1.263	(0.362)	727893	100.000	100
8	Bromomethane	94	1.431	1.431	(0.410)	272146	100.000	110
9	Chloroethane	64	1.510	1.500	(0.433)	442695	100.000	100
10	Trichlorofluoromethane	101	1.579	1.578	(0.452)	724904	100.000	100
11	Freon 141	81	1.806	1.805	(0.517)	944773	100.000	100
12	Freon 123	83	1.875	1.874	(0.537)	1059371	100.000	100
13	Trichlorotrifluoroethane	101	1.885	1.884	(0.540)	756534	100.000	100
14	1,1-Dichloroethene	96	1.875	1.874	(0.537)	670097	100.000	100
15	Carbon Disulfide	76	1.904	1.904	(0.545)	2366246	100.000	100
16	Iodomethane	142	1.964	1.963	(0.562)	1128541	100.000	100
17	Methylene Chloride	84	2.220	2.219	(0.636)	609877	100.000	93
18	Acetone	43	2.250	2.259	(0.644)	113333	100.000	85
19	Methyl Acetate	43	2.328	2.328	(0.667)	221676	100.000	91
20	trans-1,2-Dichloroethene	96	2.338	2.338	(0.670)	776739	100.000	100

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	21 Methyl tert-Butyl Ether	73	2.407	2.407	(0.689)	183888	100.000	68
	22 Acrolein	56	2.062	2.062	(0.591)	245055	500.000	480
	23 tert-Butyl alcohol	59	2.447	2.446	(0.701)	74327	500.000	400
	24 Acrylonitrile	53	2.831	2.840	(0.811)	207538	200.000	200
	25 1,1-Dichloroethane	63	2.802	2.801	(0.802)	1256644	100.000	98
	26 cis-1,2-Dichloroethene	96	3.285	3.284	(0.941)	724862	100.000	100
	27 Chloroform	83	3.561	3.560	(1.020)	1142513	100.000	100
	28 Tetrahydrofuran	42	3.758	3.787	(1.076)	168261	200.000	210
	29 2-Butanone	43	3.925	3.984	(1.124)	156836	100.000	200(AH)
	30 1,2-Dichloroethane	62	4.497	4.507	(1.288)	458945	100.000	98
	31 Dibromomethane	93	5.404	5.414	(1.548)	263890	100.000	99
	32 1,4-Dioxane	58	5.799	5.818	(1.661)	24795	1000.00	1400
$	33 1,2-Dichloroethane-d4	65	4.418	4.418	(1.265)	369890	100.000	98
*	34 1,4-Difluorobenzene	114	5.000	4.990	(1.000)	514344	50.0000	
	35 Vinyl Acetate	43	2.999	3.018	(0.600)	463211	100.000	110
	36 1,1,1-Trichloroethane	97	3.807	3.797	(0.761)	945032	100.000	100
	37 Carbon Tetrachloride	117	3.738	3.728	(0.748)	846289	100.000	100
	38 Benzene	78	4.261	4.260	(0.852)	2685571	100.000	100
	39 Cyclohexane	56	3.511	3.501	(0.702)	1517709	100.000	110
	40 Methyl Cyclohexane	83	4.951	4.950	(0.990)	1404880	100.000	100
	41 Trichloroethene	130	4.961	4.960	(0.992)	801985	100.000	110
	42 1,2-Dichloropropane	63	5.513	5.512	(1.103)	655797	100.000	100
	43 Bromodichloromethane	83	5.592	5.591	(1.118)	666023	100.000	110
	44 Methyl Methacrylate	69	5.779	5.788	(1.156)	460398	200.000	200
	46 cis-1,3-Dichloropropene	75	6.232	6.242	(1.246)	746194	100.000	110
	47 trans-1,3-Dichloropropene	75	6.873	6.873	(1.375)	554579	100.000	110
	48 1,1,2-Trichloroethane	97	7.021	7.020	(1.404)	348529	100.000	100
	49 Dibromochloromethane	129	7.179	7.178	(1.436)	453976	100.000	110
	50 Bromoform	173	8.480	8.480	(1.696)	240261	100.000	110
*	51 Chlorobenzene-d5	117	7.859	7.858	(1.000)	443785	50.0000	
	52 Toluene	91	6.469	6.468	(0.823)	2703110	100.000	97
$	53 Toluene-d8	98	6.420	6.419	(0.817)	2130811	100.000	100
	54 4-Methyl-2-Pentanone	43	6.844	6.853	(0.871)	344335	100.000	90
	55 Tetrachloroethene	164	6.844	6.843	(0.871)	586396	100.000	100
	56 Ethyl Methacrylate	69	7.051	7.060	(0.897)	503467	100.000	95
	57 1,2-Dibromoethane	107	7.386	7.385	(0.940)	349159	100.000	99
	58 2-Hexanone	43	7.623	7.642	(0.970)	253114	100.000	90
	59 Chlorobenzene	112	7.869	7.868	(1.001)	1575782	100.000	98
	60 Ethylbenzene	106	7.908	7.908	(1.006)	915090	100.000	100
	61 Xylene (total)mp	106	8.046	8.046	(1.024)	2288159	200.000	200
	62 Xylene (total)o	106	8.421	8.420	(1.071)	1032209	100.000	100
	63 Styrene	104	8.470	8.470	(1.078)	1537691	100.000	100
	64 Isopropylbenzene	105	8.707	8.696	(1.108)	2832166	100.000	100
	65 1,1,2,2-Tetrachloroethane	83	9.131	9.130	(1.162)	420733	100.000	98
	66 1,2,3-Trichloropropane	110	9.239	9.239	(1.176)	94628	100.000	93
	67 1,3-Dichlorobenzene	146	9.851	9.850	(1.253)	1051727	100.000	98
	68 1,4-Dichlorobenzene	146	9.929	9.929	(1.263)	1008695	100.000	96
	69 1,2-Dichlorobenzene	146	10.294	10.294	(1.310)	883974	100.000	96
	70 1,2-Dibromo-3-chloropropane	75	10.984	10.984	(1.398)	44070	100.000	88
	71 1,2,4-Trichlorobenzene	180	11.586	11.595	(1.474)	478527	100.000	95
$	72 Bromofluorobenzene	95	8.944	8.943	(1.138)	633172	100.000	98
M	73 1,2-Dichloroethene (total)	100				1501601	200.000	200
M	74 Xylene (total)	100				3320368	300.000	300

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: \\TARGET1_CT\Files\chem\VOA\mso.i\0067532.b\07543.D
Date : 10-AUG-2006 17:26
Client ID:
Sample Info: WSTD1000CH
Column phase: DB-624
Instrument: mso.i
Operator: D. HUMBERT
Column diameter: 0.53
Page 4
Y (x10^6)
Min
\\TARGET1_CT\Files\chem\VOA\mso.i\0067532.b\07543.D
-Freon 115
-Dichlorodifluoromethane+
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Freon 141
-Freon 123+
-Carbon Disulfide
-Iodomethane
-Acrolein
-Methylene Chloride
-Acetone
-Methyl Acetate+
-Methyl tert-butyl Ether
-Acrylonitrile
-1,1-Dichloroethane
-Vinyl Acetate
-cis-1,2-Dichloroethene
-Bromochloromethane
-Cyclohexane
-Chloroform
-Tetrachloride
-1,1,1-Trichloroethane
-2-Butanone
-Benzene
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Methyl Cyclohexane+
-1,4-Difluorobenzene
-Dibromomethane
-1,2-Dichloropropane
-Bromodichloromethane
-1,4-Dioxane
-Methyl Methacrylate
-cis-1,3-Dichloropropene
-Toluene-d8
-Toluene
-trans-1,3-Dichloropropene
-4-Methyl-2-Pentanone+
-Ethyl Methacrylate
-Dibromochloromethane
-1,2-Dibromoethane
-2-Hexanone
-Chlorobenzene-d5
-Ethylbenzene
Xylene (total)mp
-Xylene (total)o
-Bromoform
-Isopropylbenzene
-Bromofluorobenzene
-1,1,2,2-Tetrachloroethane
-1,2,3-Trichloropropane
-1,3-Dichlorobenzene
-1,4-Dichlorobenzene
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene

STL-CT

Volatile Report CLP METHOD OLM 4.2

Data file : \\TARGET1_CT\Files\chem\VOA\mso.i\O067532.b\O7544.D
Lab Smp Id: VSTD050OI
Inj Date : 10-AUG-2006 17:51 MS Autotune Date: 28-FEB-2006 13:40
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : VSTD050OI
Misc Info : :S ;;; VSTD050OI ; CLP ; 1 ; LLS
Comment :
Method : \\TARGET1_CT\Files\chem\VOA\mso.i\O067532.b\OCLPS42.m
Meth Date : 11-Aug-2006 10:59 dave Quant Type: ISTD
Cal Date : 10-AUG-2006 17:51 Cal File: O7544.D
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: CONMSONT

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

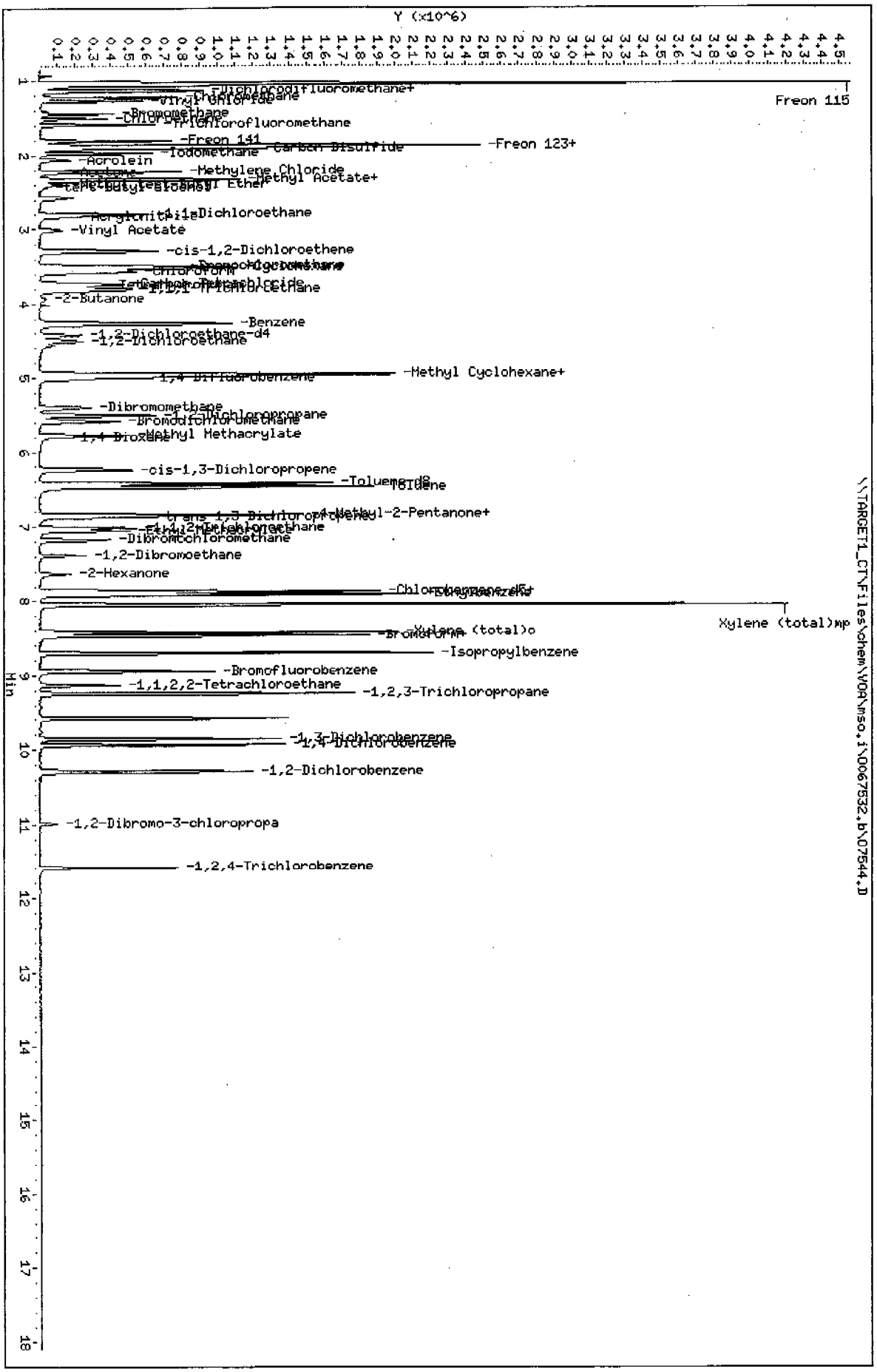
Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
* 1	Bromochloromethane	128	3.487	3.481	(1.000)	82299	50.0000	
2	Freon 115	119	1.042	1.036	(0.299)	9668	50.0000	46
3	Dichlorodifluoromethane	85	1.121	1.115	(0.322)	172581	50.0000	47
4	Freon 152a	65	1.121	1.115	(0.322)	181619	50.0000	48
5	Chlorodifluoromethane	51	1.131	1.135	(0.324)	768013	50.0000	47
6	Chloromethane	50	1.219	1.224	(0.350)	435119	50.0000	48
7	Vinyl Chloride	62	1.269	1.263	(0.364)	359948	50.0000	47
8	Bromomethane	94	1.436	1.431	(0.412)	173814	50.0000	68
9	Chloroethane	64	1.505	1.500	(0.432)	222342	50.0000	49
10	Trichlorofluoromethane	101	1.584	1.578	(0.454)	371705	50.0000	48
11	Freon 141	81	1.801	1.805	(0.517)	473300	50.0000	48
12	Freon 123	83	1.870	1.874	(0.536)	550819	50.0000	49
13	Trichlorotrifluoroethane	101	1.880	1.884	(0.539)	388281	50.0000	49
14	1,1-Dichloroethene	96	1.870	1.874	(0.536)	349629	50.0000	49
15	Carbon Disulfide	76	1.910	1.904	(0.548)	1206881	50.0000	48
16	Iodomethane	142	1.969	1.963	(0.565)	577237	50.0000	50
17	Methylene Chloride	84	2.225	2.219	(0.638)	333414	50.0000	48
18	Acetone	43	2.245	2.259	(0.644)	65172	50.0000	46
19	Methyl Acetate	43	2.324	2.328	(0.666)	127632	50.0000	49
20	trans-1,2-Dichloroethene	96	2.333	2.338	(0.669)	398144	50.0000	49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Methyl tert-Butyl Ether	73	2.403	2.407	(0.689)	140529	50.0000	49
	22 Acrolein	56	2.067	2.062	(0.593)	140984	250.000	260
	23 tert-Butyl alcohol	59	2.442	2.446	(0.700)	52171	250.000	260
	24 Acrylonitrile	53	2.826	2.840	(0.811)	115273	100.000	100
	25 1,1-Dichloroethane	63	2.797	2.801	(0.802)	663119	50.0000	48
	26 cis-1,2-Dichloroethene	96	3.280	3.284	(0.941)	377313	50.0000	49
	27 Chloroform	83	3.556	3.560	(1.020)	588423	50.0000	49
	28 Tetrahydrofuran	42	3.753	3.787	(1.076)	94167	100.000	110
	29 2-Butanone	43	3.931	3.984	(1.127)	87767	50.0000	80(H)
	30 1,2-Dichloroethane	62	4.493	4.507	(1.288)	242993	50.0000	49
	31 Dibromomethane	93	5.400	5.414	(1.548)	141418	50.0000	50
	32 1,4-Dioxane	58	5.804	5.818	(1.664)	12655	500.000	660
$	33 1,2-Dichloroethane-d4	65	4.414	4.418	(1.266)	196212	50.0000	48
*	34 1,4-Difluorobenzene	114	4.995	4.990	(1.000)	573435	50.0000	
	35 Vinyl Acetate	43	3.004	3.018	(0.601)	249822	50.0000	51
	36 1,1,1-Trichloroethane	97	3.802	3.797	(0.761)	497210	50.0000	49
	37 Carbon Tetrachloride	117	3.733	3.728	(0.747)	431929	50.0000	47
	38 Benzene	78	4.256	4.260	(0.852)	1396771	50.0000	49
	39 Cyclohexane	56	3.507	3.501	(0.702)	755861	50.0000	47
	40 Methyl Cyclohexane	83	4.946	4.950	(0.990)	709966	50.0000	48
	41 Trichloroethene	130	4.956	4.960	(0.992)	398796	50.0000	48
	42 1,2-Dichloropropane	63	5.508	5.512	(1.103)	343247	50.0000	49
	43 Bromodichloromethane	83	5.587	5.591	(1.118)	349135	50.0000	50
	44 Methyl Methacrylate	69	5.774	5.788	(1.156)	260454	100.000	100
	46 cis-1,3-Dichloropropene	75	6.238	6.242	(1.249)	376933	50.0000	48
	47 trans-1,3-Dichloropropene	75	6.868	6.873	(1.375)	286426	50.0000	49
	48 1,1,2-Trichloroethane	97	7.016	7.020	(1.405)	191113	50.0000	50
	49 Dibromochloromethane	129	7.174	7.178	(1.436)	237147	50.0000	50
	50 Bromoform	173	8.475	8.480	(1.697)	124173	50.0000	50
*	51 Chlorobenzene-d5	117	7.854	7.858	(1.000)	480816	50.0000	
	52 Toluene	91	6.464	6.468	(0.823)	1450973	50.0000	48
$	53 Toluene-d8	98	6.415	6.419	(0.817)	1091811	50.0000	49
	54 4-Methyl-2-Pentanone	43	6.839	6.853	(0.871)	208796	50.0000	50
	55 Tetrachloroethene	164	6.839	6.843	(0.871)	297486	50.0000	48
	56 Ethyl Methacrylate	69	7.046	7.060	(0.897)	285277	50.0000	50
	57 1,2-Dibromoethane	107	7.381	7.385	(0.940)	195779	50.0000	51
	58 2-Hexanone	43	7.628	7.642	(0.971)	142526	50.0000	47
	59 Chlorobenzene	112	7.874	7.868	(1.002)	836274	50.0000	48
	60 Ethylbenzene	106	7.904	7.908	(1.006)	483371	50.0000	49
	61 Xylene (total)mp	106	8.042	8.046	(1.024)	1180333	100.000	97
	62 Xylene (total)o	106	8.416	8.420	(1.072)	537304	50.0000	48
	63 Styrene	104	8.466	8.470	(1.078)	803382	50.0000	48
	64 Isopropylbenzene	105	8.702	8.696	(1.108)	1473889	50.0000	48
	65 1,1,2,2-Tetrachloroethane	83	9.126	9.130	(1.162)	234917	50.0000	51
	66 1,2,3-Trichloropropane	110	9.235	9.239	(1.176)	55651	50.0000	51
	67 1,3-Dichlorobenzene	146	9.846	9.850	(1.254)	563559	50.0000	48
	68 1,4-Dichlorobenzene	146	9.925	9.929	(1.264)	558195	50.0000	49
	69 1,2-Dichlorobenzene	146	10.289	10.294	(1.310)	505747	50.0000	50
	70 1,2-Dibromo-3-chloropropane	75	10.980	10.984	(1.398)	27201	50.0000	50
	71 1,2,4-Trichlorobenzene	180	11.591	11.595	(1.476)	270052	50.0000	49
$	72 Bromofluorobenzene	95	8.939	8.943	(1.138)	345422	50.0000	49
M	73 1,2-Dichloroethene (total)	100				775457	100.000	98
M	74 Xylene (total)	100				1717637	150.000	140

QC Flag Legend

H - Operator selected an alternate compound hit.



Data File: \\TARGET1_CT\Files\chem\VOA\mso.i\00G7532.b\07544.D
Date : 10-AUG-2006 17:51
Client ID:
Sample Info: VSTD050OI
Column phase: DB-624

Instrument: mso.i
Operator: D. HUMBERT
Column diameter: 0.53

STL-CT

Volatile Report CLP METHOD OLM 4.2

Data file : \\TARGET1_CT\Files\chem\VOA\mso.i\0067532.b\07545.D
Lab Smp Id: VSTD0200J
Inj Date : 10-AUG-2006 18:17 MS Autotune Date: 28-FEB-2006 13:40
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : VSTD0200J
Misc Info : :S ;;; VSTD0200J ; CLP ; 1 ; LLS
Comment :
Method : \\TARGET1_CT\Files\chem\VOA\mso.i\0067532.b\OCLPS42.m
Meth Date : 11-Aug-2006 10:59 dave Quant Type: ISTD
Cal Date : 10-AUG-2006 17:51 Cal File: 07544.D
Als bottle: 8 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: CONMSONT

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
*	1 Bromochloromethane	128	3.486	3.481	(1.000)	82026	50.0000	
	2 Freon 115	119	1.041	1.036	(0.299)	3977	20.0000	19(T)
	3 Dichlorodifluoromethane	85	1.120	1.115	(0.321)	67592	20.0000	18
	4 Freon 152a	65	1.120	1.115	(0.321)	68848	20.0000	18
	5 Chlorodifluoromethane	51	1.130	1.135	(0.324)	306952	20.0000	19
	6 Chloromethane	50	1.219	1.224	(0.350)	169966	20.0000	19
	7 Vinyl Chloride	62	1.268	1.263	(0.364)	143540	20.0000	19
	8 Bromomethane	94	1.435	1.431	(0.412)	37274	20.0000	15(M)
	9 Chloroethane	64	1.504	1.500	(0.432)	84806	20.0000	18
	10 Trichlorofluoromethane	101	1.583	1.578	(0.454)	142039	20.0000	18
	11 Freon 141	81	1.800	1.805	(0.516)	186668	20.0000	19
	12 Freon 123	83	1.869	1.874	(0.536)	212943	20.0000	19
	13 Trichlorotrifluoroethane	101	1.879	1.884	(0.539)	150740	20.0000	19
	14 1,1-Dichloroethene	96	1.869	1.874	(0.536)	132668	20.0000	19
	15 Carbon Disulfide	76	1.909	1.904	(0.548)	459368	20.0000	18
	16 Iodomethane	142	1.968	1.963	(0.565)	196941	20.0000	17
	17 Methylene Chloride	84	2.224	2.219	(0.638)	135375	20.0000	19
	18 Acetone	43	2.254	2.259	(0.647)	29199	20.0000	20
	19 Methyl Acetate	43	2.333	2.328	(0.669)	46396	20.0000	18
	20 trans-1,2-Dichloroethene	96	2.333	2.338	(0.669)	146364	20.0000	18

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	21	Methyl tert-Butyl Ether	73	2.402	2.407	(0.689)	67539	20.0000	24
	22	Acrolein	56	2.066	2.062	(0.593)	51266	100.000	96
	23	tert-Butyl alcohol	59	2.451	2.446	(0.703)	19482	100.000	98 (M)
	24	Acrylonitrile	53	2.835	2.840	(0.813)	39719	40.0000	36
	25	1,1-Dichloroethane	63	2.796	2.801	(0.802)	256539	20.0000	19
	26	cis-1,2-Dichloroethene	96	3.279	3.284	(0.941)	141725	20.0000	18
	27	Chloroform	83	3.565	3.560	(1.023)	223240	20.0000	18
	28	Tetrahydrofuran	42	3.772	3.787	(1.082)	31326	40.0000	36
	29	2-Butanone	43	3.969	3.984	(1.139)	31835	20.0000	23 (H)
	30	1,2-Dichloroethane	62	4.502	4.507	(1.291)	92471	20.0000	19
	31	Dibromomethane	93	5.409	5.414	(1.551)	52897	20.0000	19
	32	1,4-Dioxane	58	5.803	5.818	(1.664)	2209	200.000	120
$	33	1,2-Dichloroethane-d4	65	4.423	4.418	(1.269)	82955	20.0000	21
*	34	1,4-Difluorobenzene	114	4.994	4.990	(1.000)	600891	50.0000	
	35	Vinyl Acetate	43	3.013	3.018	(0.603)	85919	20.0000	17
	36	1,1,1-Trichloroethane	97	3.802	3.797	(0.761)	185889	20.0000	18
	37	Carbon Tetrachloride	117	3.733	3.728	(0.747)	160983	20.0000	17
	38	Benzene	78	4.255	4.260	(0.852)	530038	20.0000	18
	39	Cyclohexane	56	3.506	3.501	(0.702)	292543	20.0000	18
	40	Methyl Cyclohexane	83	4.945	4.950	(0.990)	270755	20.0000	17
	41	Trichloroethene	130	4.955	4.960	(0.992)	154788	20.0000	18
	42	1,2-Dichloropropane	63	5.507	5.512	(1.103)	130778	20.0000	18
	43	Bromodichloromethane	83	5.586	5.591	(1.118)	121428	20.0000	17
	44	Methyl Methacrylate	69	5.783	5.788	(1.158)	96794	40.0000	36
	46	cis-1,3-Dichloropropene	75	6.237	6.242	(1.249)	142051	20.0000	17
	47	trans-1,3-Dichloropropene	75	6.868	6.873	(1.375)	104837	20.0000	17
	48	1,1,2-Trichloroethane	97	7.015	7.020	(1.405)	69155	20.0000	17
	49	Dibromochloromethane	129	7.183	7.178	(1.438)	83801	20.0000	17
	50	Bromoform	173	8.475	8.480	(1.697)	42956	20.0000	16
*	51	Chlorobenzene-d5	117	7.853	7.858	(1.000)	499881	50.0000	
	52	Toluene	91	6.463	6.468	(0.823)	586881	20.0000	19
$	53	Toluene-d8	98	6.414	6.419	(0.817)	428467	20.0000	18
	54	4-Methyl-2-Pentanone	43	6.848	6.853	(0.872)	100506	20.0000	23
	55	Tetrachloroethene	164	6.838	6.843	(0.871)	111650	20.0000	17
	56	Ethyl Methacrylate	69	7.055	7.060	(0.898)	119677	20.0000	20
	57	1,2-Dibromoethane	107	7.380	7.385	(0.940)	70430	20.0000	18
	58	2-Hexanone	43	7.637	7.642	(0.972)	76939	20.0000	24
	59	Chlorobenzene	112	7.873	7.868	(1.002)	322584	20.0000	18
	60	Ethylbenzene	106	7.903	7.908	(1.006)	181735	20.0000	18
	61	Xylene (total)mp	106	8.041	8.046	(1.024)	449215	40.0000	35
	62	Xylene (total)o	106	8.415	8.420	(1.072)	203998	20.0000	18
	63	Styrene	104	8.465	8.470	(1.078)	317006	20.0000	18
	64	Isopropylbenzene	105	8.701	8.696	(1.108)	563428	20.0000	18
	65	1,1,2,2-Tetrachloroethane	83	9.125	9.130	(1.162)	84594	20.0000	18
	66	1,2,3-Trichloropropane	110	9.234	9.239	(1.176)	21441	20.0000	19
	67	1,3-Dichlorobenzene	146	9.845	9.850	(1.254)	222170	20.0000	18
	68	1,4-Dichlorobenzene	146	9.924	9.929	(1.264)	222347	20.0000	19
	69	1,2-Dichlorobenzene	146	10.289	10.294	(1.310)	194945	20.0000	19
	70	1,2-Dibromo-3-chloropropane	75	10.979	10.984	(1.398)	12102	20.0000	22
	71	1,2,4-Trichlorobenzene	180	11.590	11.595	(1.476)	111621	20.0000	20
$	72	Bromofluorobenzene	95	8.938	8.943	(1.138)	137445	20.0000	19
M	73	1,2-Dichloroethene (total)	100				288089	40.0000	36
M	74	Xylene (total)	100				653213	60.0000	53

QC Flag Legend

T - Target compound detected outside RT window.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\TARGET1_CT\Files\chem\VOA\mso.i\0067532.b\07545.D

Date : 10-AUG-2006 18:17

Client ID:

Sample Info: VSTD020OJ

Instrument: mso.i

Operator: D. HUMBERT

Column phase: DB-624

Column diameter: 0.53

\\TARGET1_CT\Files\chem\VOA\mso.i\0067532.b\07545.D

Page 4

STL-CT

Volatile Report CLP METHOD OLM 4.2

Data file : \\TARGET1_CT\Files\chem\VOA\mso.i\O067532.b\O7546.D
Lab Smp Id: VSTD010OK
Inj Date : 10-AUG-2006 18:42 MS Autotune Date: 28-FEB-2006 13:40
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : VSTD010OK
Misc Info : :S ;;; VSTD010OK ; CLP ; 1 ; LLS
Comment :
Method : \\TARGET1_CT\Files\chem\VOA\mso.i\O067532.b\OCLPS42.m
Meth Date : 11-Aug-2006 10:59 dave Quant Type: ISTD
Cal Date : 10-AUG-2006 17:51 Cal File: O7544.D
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: CONMSONT

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Bromochloromethane	128	3.481	3.481	(1.000)	80953	50.0000	
2	Freon 115	119	1.036	1.036	(0.298)	2398	10.0000	12(T)
3	Dichlorodifluoromethane	85	1.115	1.115	(0.320)	41605	10.0000	12
4	Freon 152a	65	1.115	1.115	(0.320)	45434	10.0000	12
5	Chlorodifluoromethane	51	1.135	1.135	(0.326)	192841	10.0000	12
6	Chloromethane	50	1.224	1.224	(0.352)	102650	10.0000	12
7	Vinyl Chloride	62	1.263	1.263	(0.363)	87110	10.0000	12
8	Bromomethane	94	1.431	1.431	(0.411)	28480	10.0000	11
9	Chloroethane	64	1.500	1.500	(0.431)	50157	10.0000	11
10	Trichlorofluoromethane	101	1.578	1.578	(0.454)	86110	10.0000	11
11	Freon 141	81	1.805	1.805	(0.519)	108588	10.0000	11
12	Freon 123	83	1.874	1.874	(0.538)	126250	10.0000	11
13	Trichlorotrifluoroethane	101	1.884	1.884	(0.541)	88157	10.0000	11
14	1,1-Dichloroethene	96	1.874	1.874	(0.538)	79965	10.0000	11
15	Carbon Disulfide	76	1.904	1.904	(0.547)	272514	10.0000	11
16	Iodomethane	142	1.963	1.963	(0.564)	116023	10.0000	10
17	Methylene Chloride	84	2.219	2.219	(0.638)	86635	10.0000	12
18	Acetone	43	2.259	2.259	(0.649)	19359	10.0000	14
19	Methyl Acetate	43	2.328	2.328	(0.669)	32431	10.0000	13
20	trans-1,2-Dichloroethene	96	2.338	2.338	(0.672)	89824	10.0000	11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Methyl tert-Butyl Ether	73	2.407	2.407	(0.691)	33153	10.0000	12
	22 Acrolein	56	2.062	2.062	(0.592)	27115	50.0000	51
	23 tert-Butyl alcohol	59	2.446	2.446	(0.703)	11327	50.0000	58
	24 Acrylonitrile	53	2.840	2.840	(0.816)	23167	20.0000	21
	25 1,1-Dichloroethane	63	2.801	2.801	(0.805)	155823	10.0000	12
	26 cis-1,2-Dichloroethene	96	3.284	3.284	(0.943)	85571	10.0000	11
	27 Chloroform	83	3.560	3.560	(1.023)	130774	10.0000	11
	28 Tetrahydrofuran	42	3.787	3.787	(1.088)	16113	20.0000	19
	29 2-Butanone	43	3.984	3.984	(1.144)	16013	10.0000	10(M)
	30 1,2-Dichloroethane	62	4.507	4.507	(1.294)	55627	10.0000	11
	31 Dibromomethane	93	5.414	5.414	(1.555)	30954	10.0000	11
	32 1,4-Dioxane	58	5.818	5.818	(1.671)	667	100.000	35(M)
$	33 1,2-Dichloroethane-d4	65	4.418	4.418	(1.269)	43682	10.0000	11
*	34 1,4-Difluorobenzene	114	4.990	4.990	(1.000)	597362	50.0000	
	35 Vinyl Acetate	43	3.018	3.018	(0.605)	44941	10.0000	9
	36 1,1,1-Trichloroethane	97	3.797	3.797	(0.761)	111649	10.0000	11
	37 Carbon Tetrachloride	117	3.728	3.728	(0.747)	110549	10.0000	12
	38 Benzene	78	4.260	4.260	(0.854)	318761	10.0000	11
	39 Cyclohexane	56	3.501	3.501	(0.702)	177298	10.0000	11
	40 Methyl Cyclohexane	83	4.950	4.950	(0.992)	166631	10.0000	11
	41 Trichloroethene	130	4.960	4.960	(0.994)	90435	10.0000	10
	42 1,2-Dichloropropane	63	5.512	5.512	(1.105)	75781	10.0000	10
	43 Bromodichloromethane	83	5.591	5.591	(1.121)	73054	10.0000	10
	44 Methyl Methacrylate	69	5.788	5.788	(1.160)	53835	20.0000	20
	46 cis-1,3-Dichloropropene	75	6.242	6.242	(1.251)	84255	10.0000	10
	47 trans-1,3-Dichloropropene	75	6.873	6.873	(1.377)	59964	10.0000	10
	48 1,1,2-Trichloroethane	97	7.020	7.020	(1.407)	44553	10.0000	11
	49 Dibromochloromethane	129	7.178	7.178	(1.439)	49792	10.0000	10
	50 Bromoform	173	8.480	8.480	(1.699)	25561	10.0000	10
*	51 Chlorobenzene-d5	117	7.858	7.858	(1.000)	509773	50.0000	
	52 Toluene	91	6.468	6.468	(0.823)	348536	10.0000	11
$	53 Toluene-d8	98	6.419	6.419	(0.817)	227267	10.0000	10
	54 4-Methyl-2-Pentanone	43	6.853	6.853	(0.872)	49453	10.0000	11
	55 Tetrachloroethene	164	6.843	6.843	(0.871)	64612	10.0000	10
	56 Ethyl Methacrylate	69	7.060	7.060	(0.898)	67671	10.0000	11
	57 1,2-Dibromoethane	107	7.385	7.385	(0.940)	41883	10.0000	10
	58 2-Hexanone	43	7.642	7.642	(0.972)	37585	10.0000	12
	59 Chlorobenzene	112	7.868	7.868	(1.001)	201353	10.0000	11
	60 Ethylbenzene	106	7.908	7.908	(1.006)	111815	10.0000	11
	61 Xylene (total)mp	106	8.046	8.046	(1.024)	272764	20.0000	21
	62 Xylene (total)o	106	8.420	8.420	(1.072)	127221	10.0000	11
	63 Styrene	104	8.470	8.470	(1.078)	185772	10.0000	10
	64 Isopropylbenzene	105	8.696	8.696	(1.107)	343733	10.0000	11
	65 1,1,2,2-Tetrachloroethane	83	9.130	9.130	(1.162)	51693	10.0000	10
	66 1,2,3-Trichloropropane	110	9.239	9.239	(1.176)	12640	10.0000	11
	67 1,3-Dichlorobenzene	146	9.850	9.850	(1.253)	133873	10.0000	11
	68 1,4-Dichlorobenzene	146	9.929	9.929	(1.263)	132401	10.0000	11
	69 1,2-Dichlorobenzene	146	10.294	10.294	(1.310)	113103	10.0000	11
	70 1,2-Dibromo-3-chloropropane	75	10.984	10.984	(1.398)	6157	10.0000	11
	71 1,2,4-Trichlorobenzene	180	11.595	11.595	(1.475)	62235	10.0000	11
$	72 Bromofluorobenzene	95	8.943	8.943	(1.138)	77415	10.0000	10
M	73 1,2-Dichloroethene (total)	100				175395	20.0000	22
M	74 Xylene (total)	100				399985	30.0000	32

QC Flag Legend

T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: \\TARGET1_CT\Files\chem\VOA\mso.i\00675J2.b\07546.D
Date : 10-AUG-2006 18:42
Client ID:
Sample Info: VSTD0100K
Column phase: DB-624
Instrument: mso.i
Operator: D. HUMBERT
Column diameter: 0.53
Page 4
Y (x10^6)
Freon 115
-Vinyl Chloride
-Bromomethane
-Trichlorofluoromethane
-Acrolein
-Methylene Chloride
-Acrylonitrile
-1,1-Dichloroethane
-Vinyl Acetate
-cis-1,2-Dichloroethene
-Chloroform
-Carbon Tetrachloride
-2-Butanone
-Benzene
-1,2-Dichloroethane-d4
-1,4-Difluorobenzene
-Dibromomethane
-Bromodichloromethane
-1,4-Dioxane
-cis-1,3-Dichloropropene
-Toluene-d8
-Toluene
-Dibromochloromethane
-1,2-Dibromoethane
-2-Hexanone
-Chlorobenzene-d5
-Xylene (total)mp
-Bromoform
-Isopropylbenzene
-Bromofluorobenzene
-1,1,2,2-Tetrachloroethane
-1,2,3-Trichloropropane
-1,3-Dichlorobenzene
-1,4-Dichlorobenzene
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene
\\TARGET1_CT\Files\chem\VOA\mso.i\00675J2.b\07546.D
Min

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Instrument ID: MSO Calibration Date: 08/11/06 Time: 1000

Lab File ID: O7548 Init. Calib. Date(s): 08/10/06 08/10/06

Heated Purge: (Y/N) Y Init. Calib. Times: 1640 1842

GC Column: DB-624 ID: 0.53 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D	
Dichlorodifluoromethane	2.224	1.809	0.01	18.7	100	
Chloromethane	5.466	4.643	0.01	15.0	100	
Vinyl Chloride	4.659	3.822	0.1	18.0	25.0	
Bromomethane	1.544	2.046	0.1	32.5	25.0	<-
Chloroethane	2.779	2.300	0.01	17.2	100	
Trichlorofluoromethane	4.655	3.718	0.01	20.1	100	
Trichlorotrifluoroethane	4.853	3.704	0.01	23.7	100	
Acrolein	0.326	0.307	0.001	5.8	100	
1,1-Dichloroethene	4.347	3.594	0.1	17.3	25.0	
Acetone	0.866	0.797	0.01	8.0	100	
Iodomethane	6.943	6.135	0.01	11.6	100	
Carbon Disulfide	15.096	12.451	0.01	17.5	100	
tert-Butyl alcohol	0.121	0.122	0.001	0.8	100	
Methylene Chloride	4.258	3.896	0.01	8.5	100	
Methyl tert-Butyl Ether	1.750	1.744	0.01	0.3	100	
trans-1,2-Dichloroethene	4.937	4.289	0.01	13.1	100	
Acrylonitrile	0.673	0.654	0.01	2.8	100	
1,1-Dichloroethane	8.319	7.108	0.2	14.6	25.0	
cis-1,2-Dichloroethene	4.686	4.124	0.01	12.0	100	
2-Butanone	1.010	0.945	0.01	6.4	100	
Tetrahydrofuran	0.524	0.502	0.01	4.2	100	
Chloroform	7.326	6.473	0.2	11.6	25.0	
1,1,1-Trichloroethane	0.881	0.761	0.1	13.6	25.0	
Carbon Tetrachloride	0.796	0.742	0.1	6.8	25.0	
Benzene	2.500	2.212	0.5	11.5	25.0	
1,2-Dichloroethane	3.023	2.762	0.1	8.6	25.0	
Vinyl Acetate	0.424	0.437	0.01	3.1	100	
Trichloroethene	0.731	0.653	0.3	10.7	25.0	
1,2-Dichloropropane	0.610	0.554	0.01	9.2	100	
Methyl Methacrylate	0.221	0.200	0.01	9.5	100	
1,4-Dioxane	0.012	0.015	0.001	25.0	100	
Dibromomethane	1.723	1.576	0.01	8.5	100	
Bromodichloromethane	0.607	0.584	0.2	3.8	25.0	
2-Chloroethylvinylether			0.001		100	<-
cis-1,3-Dichloropropene	0.683	0.650	0.2	4.8	25.0	
trans-1,3-Dichloropropene	0.506	0.498	0.1	1.6	25.0	
1,1,2-Trichloroethane	0.336	0.320	0.1	4.8	25.0	

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Instrument ID: MSO Calibration Date: 08/11/06 Time: 1000

Lab File ID: O7548 Init. Calib. Date(s): 08/10/06 08/10/06

Heated Purge: (Y/N) Y Init. Calib. Times: 1640 1842

GC Column: DB-624 ID: 0.53 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D	
4-Methyl-2-Pentanone	0.433	0.295	0.01	31.9	100	
Toluene	3.147	2.687	0.4	14.6	25.0	
Ethyl Methacrylate	0.596	0.461	0.01	22.6	100	
Tetrachloroethene	0.642	0.567	0.2	11.7	25.0	
2-Hexanone	0.317	0.186	0.01	41.3	100	
Dibromochloromethane	0.415	0.405	0.1	2.4	25.0	
1,2-Dibromoethane	0.398	0.374	0.01	6.0	100	
Chlorobenzene	1.801	1.584	0.5	12.0	25.0	
Ethylbenzene	1.029	0.908	0.1	11.8	25.0	
Xylene (total)mp	1.269	1.098	0.3	13.5	25.0	
Xylene (total)o	1.155	1.001	0.3	13.3	25.0	
Styrene	1.739	1.482	0.3	14.8	25.0	
Bromoform	0.218	0.217	0.1	0.4	25.0	
Isopropylbenzene	3.173	2.699	0.01	14.9	100	
1,1,2,2-Tetrachloroethane	0.482	0.448	0.3	7.0	25.0	
1,2,3-Trichloropropane	0.114	0.097	0.01	14.9	100	
1,3-Dichlorobenzene	1.215	1.014	0.6	16.5	25.0	
1,4-Dichlorobenzene	1.189	1.000	0.5	15.9	25.0	
1,2-Dichlorobenzene	1.040	0.859	0.4	17.4	25.0	
1,2-Dibromo-3-chloropropane	0.056	0.038	0.01	32.1	100	
1,2,4-Trichlorobenzene	0.569	0.399	0.2	29.9	25.0	<-
Xylene (total)	1.232	1.065	0.3	13.6	25.0	
1,2-Dichloroethene (total)	4.811	4.207	0.01	12.6	100	
Methyl Cyclohexane	1.296	1.083	0.01	16.4	100	
Cyclohexane	1.388	1.138	0.01	18.0	100	
Methyl Acetate	1.579	1.497	0.01	5.2	100	
Freon 141	6.005	4.926	0.01	18.0	100	
Chlorodifluoromethane	9.930	8.354	0.01	15.9	100	
Freon 152a	2.309	1.906	0.01	17.4	100	
Freon 123	6.874	5.462	0.01	20.5	100	
Freon 115	0.127	0.108	0.01	15.0	100	
1,2-Dichloroethane-d4	2.455	2.202	0.01	10.3	100	
Toluene-d8	2.308	2.031	0.01	12.0	100	
Bromofluorobenzene	0.727	0.665	0.2	8.5	25.0	

FORM VII VOA

STL-CT

Volatile Report CLP METHOD OLM 4.2

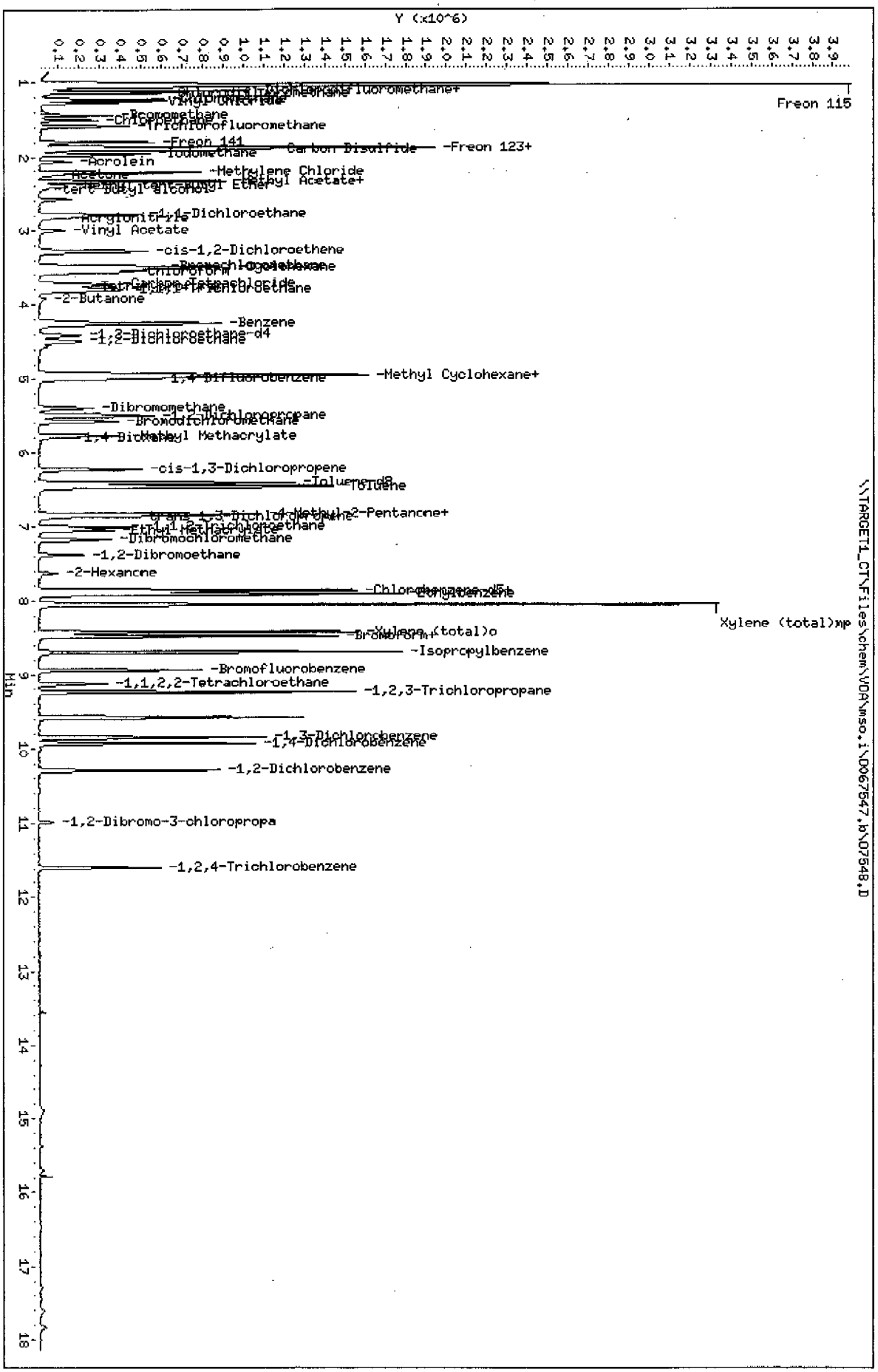
Data file : \\TARGET1_CT\Files\chem\VOA\mso.i\O067547.b\O7548.D
Lab Smp Id: VSTD050OL Client Smp ID: VSTD050OL
Inj Date : 11-AUG-2006 10:00 MS Autotune Date: 28-FEB-2006 13:40
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : VSTD050OL
Misc Info : :S ;;; VSTD050OL ; CLP ; 1 ; LLS
Comment :
Method : \\TARGET1_CT\Files\chem\VOA\mso.i\O067547.b\OCLPS42.m
Meth Date : 11-Aug-2006 11:00 ctvoa Quant Type: ISTD
Cal Date : 11-AUG-2006 10:00 Cal File: O7548.D
Als bottle: 9 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: CONMSONT

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
* 1	Bromochloromethane	128	3.478	3.478	(1.000)	78169	50.0000	
2	Freon 115	119	1.033	1.033	(0.297)	8487	50.0000	43
3	Dichlorodifluoromethane	85	1.112	1.112	(0.320)	141416	50.0000	41
4	Freon 152a	65	1.112	1.112	(0.320)	148987	50.0000	41
5	Chlorodifluoromethane	51	1.132	1.132	(0.325)	653034	50.0000	42
6	Chloromethane	50	1.220	1.220	(0.351)	362949	50.0000	42
7	Vinyl Chloride	62	1.260	1.260	(0.362)	298765	50.0000	41
8	Bromomethane	94	1.437	1.437	(0.413)	159958	50.0000	66
9	Chloroethane	64	1.506	1.506	(0.433)	179771	50.0000	41
10	Trichlorofluoromethane	101	1.575	1.575	(0.453)	290599	50.0000	40
11	Freon 141	81	1.802	1.802	(0.518)	385086	50.0000	41
12	Freon 123	83	1.861	1.861	(0.535)	426972	50.0000	40
13	Trichlorotrifluoroethane	101	1.881	1.881	(0.541)	289516	50.0000	38
14	1,1-Dichloroethene	96	1.871	1.871	(0.538)	280957	50.0000	41
15	Carbon Disulfide	76	1.901	1.901	(0.547)	973301	50.0000	41
16	Iodomethane	142	1.960	1.960	(0.564)	479554	50.0000	44
17	Methylene Chloride	84	2.216	2.216	(0.637)	304550	50.0000	46
18	Acetone	43	2.246	2.246	(0.646)	62328	50.0000	46
19	Methyl Acetate	43	2.325	2.325	(0.668)	117047	50.0000	47
20	trans-1,2-Dichloroethene	96	2.334	2.334	(0.671)	335292	50.0000	43

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	21 Methyl tert-Butyl Ether	73	2.394	2.394	(0.688)	136314	50.0000	50
	22 Acrolein	56	2.058	2.058	(0.592)	120082	250.000	240
	23 tert-Butyl alcohol	59	2.443	2.443	(0.702)	47766	250.000	250
	24 Acrylonitrile	53	2.827	2.827	(0.813)	102263	100.000	97
	25 1,1-Dichloroethane	63	2.788	2.788	(0.802)	555605	50.0000	43
	26 cis-1,2-Dichloroethene	96	3.281	3.281	(0.943)	322371	50.0000	44
	27 Chloroform	83	3.557	3.557	(1.023)	505965	50.0000	44
	28 Tetrahydrofuran	42	3.754	3.754	(1.079)	78426	100.000	96
	29 2-Butanone	43	3.922	3.922	(1.128)	73851	50.0000	47
	30 1,2-Dichloroethane	62	4.484	4.484	(1.289)	215884	50.0000	46
	31 Dibromomethane	93	5.400	5.400	(1.553)	123211	50.0000	46
	32 1,4-Dioxane	58	5.795	5.795	(1.666)	11668	500.000	640
$	33 1,2-Dichloroethane-d4	65	4.405	4.405	(1.266)	172096	50.0000	45
*	34 1,4-Difluorobenzene	114	4.986	4.986	(1.000)	521203	50.0000	
	35 Vinyl Acetate	43	2.995	2.995	(0.601)	227837	50.0000	52
	36 1,1,1-Trichloroethane	97	3.793	3.793	(0.761)	396790	50.0000	43
	37 Carbon Tetrachloride	117	3.724	3.724	(0.747)	386972	50.0000	47
	38 Benzene	78	4.247	4.247	(0.852)	1152848	50.0000	44
	39 Cyclohexane	56	3.498	3.498	(0.701)	592969	50.0000	41
	40 Methyl Cyclohexane	83	4.937	4.937	(0.990)	564584	50.0000	42
	41 Trichloroethene	130	4.947	4.947	(0.992)	340409	50.0000	45
	42 1,2-Dichloropropane	63	5.499	5.499	(1.103)	288980	50.0000	45
	43 Bromodichloromethane	83	5.578	5.578	(1.119)	304594	50.0000	48
	44 Methyl Methacrylate	69	5.775	5.775	(1.158)	208990	100.000	91
	46 cis-1,3-Dichloropropene	75	6.229	6.229	(1.249)	338797	50.0000	48
	47 trans-1,3-Dichloropropene	75	6.869	6.869	(1.378)	259588	50.0000	49
	48 1,1,2-Trichloroethane	97	7.007	7.007	(1.405)	166851	50.0000	48
	49 Dibromochloromethane	129	7.175	7.175	(1.439)	211216	50.0000	49
	50 Bromoform	173	8.476	8.476	(1.700)	113191	50.0000	50
*	51 Chlorobenzene-d5	117	7.855	7.855	(1.000)	446782	50.0000	
	52 Toluene	91	6.465	6.465	(0.823)	1200387	50.0000	43
$	53 Toluene-d8	98	6.416	6.416	(0.817)	907262	50.0000	44
	54 4-Methyl-2-Pentanone	43	6.840	6.840	(0.871)	131943	50.0000	34
	55 Tetrachloroethene	164	6.840	6.840	(0.871)	253346	50.0000	44
	56 Ethyl Methacrylate	69	7.047	7.047	(0.897)	206041	50.0000	39
	57 1,2-Dibromoethane	107	7.382	7.382	(0.940)	167172	50.0000	47
	58 2-Hexanone	43	7.628	7.628	(0.971)	83061	50.0000	29
	59 Chlorobenzene	112	7.865	7.865	(1.001)	707650	50.0000	44
	60 Ethylbenzene	106	7.905	7.905	(1.006)	405744	50.0000	44
	61 Xylene (total)mp	106	8.033	8.033	(1.023)	980756	100.000	86
	62 Xylene (total)o	106	8.417	8.417	(1.072)	447311	50.0000	43
	63 Styrene	104	8.466	8.466	(1.078)	661963	50.0000	42
	64 Isopropylbenzene	105	8.693	8.693	(1.107)	1205860	50.0000	42
	65 1,1,2,2-Tetrachloroethane	83	9.127	9.127	(1.162)	200409	50.0000	46
	66 1,2,3-Trichloropropane	110	9.226	9.226	(1.174)	43389	50.0000	42
	67 1,3-Dichlorobenzene	146	9.847	9.847	(1.254)	453298	50.0000	42
	68 1,4-Dichlorobenzene	146	9.926	9.926	(1.264)	446692	50.0000	42
	69 1,2-Dichlorobenzene	146	10.280	10.280	(1.309)	383619	50.0000	41
	70 1,2-Dibromo-3-chloropropane	75	10.980	10.980	(1.398)	17127	50.0000	34
	71 1,2,4-Trichlorobenzene	180	11.582	11.582	(1.474)	178455	50.0000	35
$	72 Bromofluorobenzene	95	8.940	8.940	(1.138)	297317	50.0000	46
M	73 1,2-Dichloroethene (total)	100				657663	100.000	87
M	74 Xylene (total)	100				1428067	150.000	130



Data File: \\TARGET1_CT\Files\chem\VOA\mso.i\0067547.b\07548.D
Date : 11-AUG-2006 10:00
Client ID: VSTD050OL
Sample Info: VSTD050OL
Column phase: DB-624
Instrument: mso.i
Operator: D. HUMBERT
Column diameter: 0.53

Data File: \\TARGET1_CT\Files\chem\VOA\mso.i\0067532.b\OB268.D

Date : 10-AUG-2006 16:14

Client ID: BFB

Instrument: mso.i

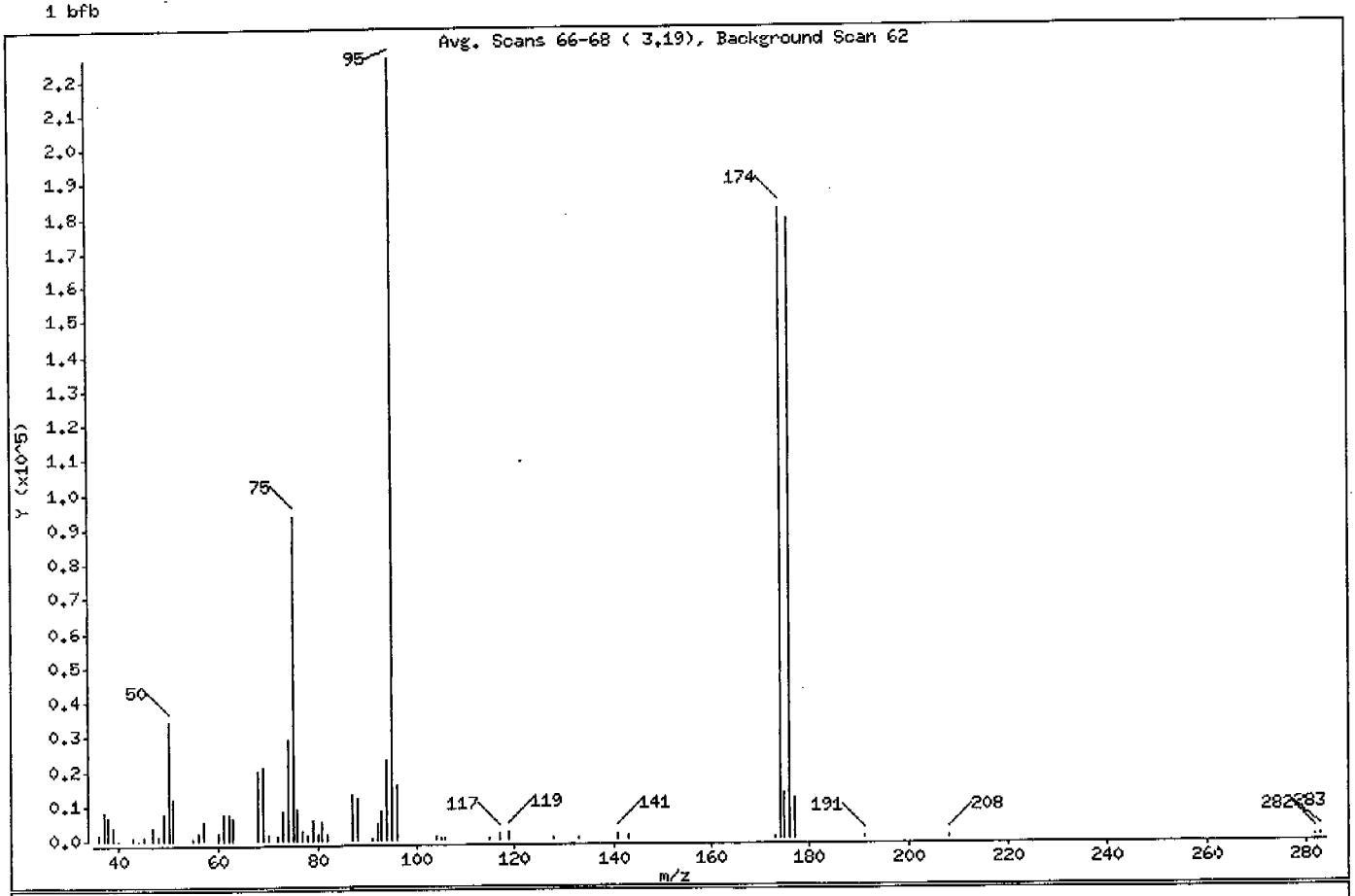
Sample Info: 50ng 4-BFB

Operator: D. HUMBERT

Column phase: RTX-624

Column diameter: 0.25

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.28
75	30.00 - 60.00% of mass 95	41.32
96	5.00 - 9.00% of mass 95	6.97
173	Less than 2.00% of mass 174	0.15 (0.19)
174	50.00 - 100.00% of mass 95	80.43
175	5.00 - 9.00% of mass 174	5.68 (7.06)
176	95.00 - 101.00% of mass 174	79.07 (98.31)
177	5.00 - 9.00% of mass 176	4.99 (6.32)

Data File: \\TARGET1_CT\Files\chem\VOA\mso.i\0067532.b\0B268.D

Date : 10-AUG-2006 16:14

Client ID: BFB

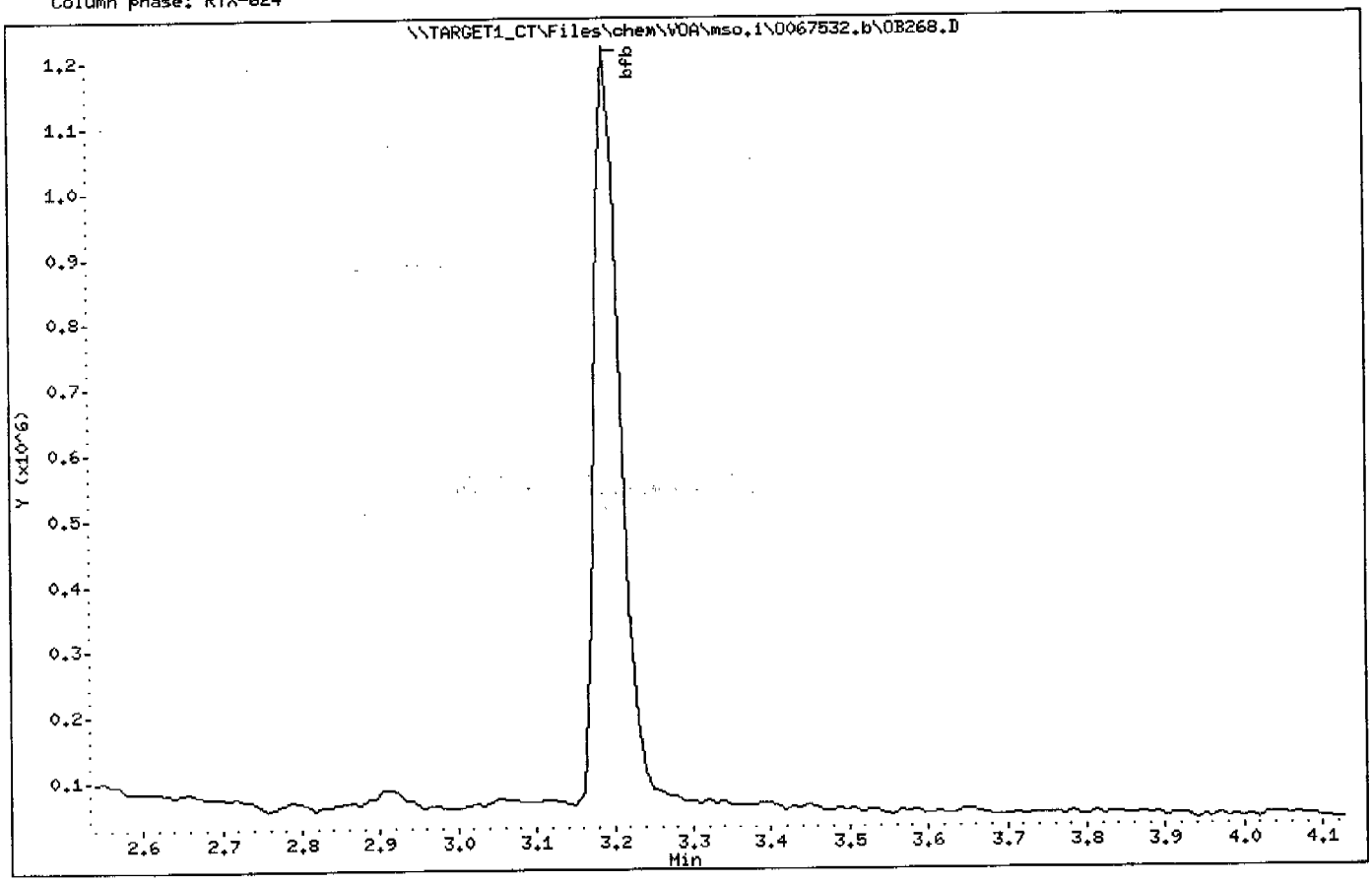
Instrument: mso.i

Sample Info: 50ng 4-BFB

Operator: D. HUMBERT

Column phase: RTX-624

Column diameter: 0.25



Data File: \\TARGET1_CT\Files\chem\VOA\mso.i\0067532.b\OB268.D

Date : 10-AUG-2006 16:14

Client ID: BFB

Instrument: mso.i

Sample Info: 50ng 4-BFB

Operator: D. HUMBERT

Column phase: RTX-624

Column diameter: 0.25

Data File: OB268.D

Spectrum: Avg. Scans 66-68 (3.19), Background Scan 62

Location of Maximum: 95.00

Number of points: 61

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1307	60.00	2055	81.00	4981	128.00	335
37.00	8325	61.00	7047	82.00	1632	133.00	377
38.00	7013	62.00	7378	87.00	12780	141.00	1617
39.00	3549	63.00	6011	88.00	11924	143.00	1146
40.00	77	68.00	19672	91.00	452	173.00	338
43.00	883	69.00	20528	92.00	4637	174.00	181760
44.00	64	70.00	1782	93.00	8426	175.00	12825
45.00	1141	72.00	921	94.00	22944	176.00	178688
47.00	3671	73.00	8267	95.00	225984	177.00	11287
48.00	1157	74.00	29288	96.00	15747	191.00	316
49.00	7720	75.00	93384	104.00	805	208.00	289
50.00	34528	76.00	8685	105.00	343	282.00	45
51.00	12006	77.00	2444	106.00	369	283.00	351
55.00	380	78.00	1672	115.00	759		
56.00	2237	79.00	5477	117.00	1366		
57.00	5209	80.00	1476	119.00	1832		

Data File: \\TARGET1_CT\Files\chem\VOA\mso.i\0067547.b\0B269.D

Date : 11-AUG-2006 09:30

Client ID: BFB

Instrument: mso.i

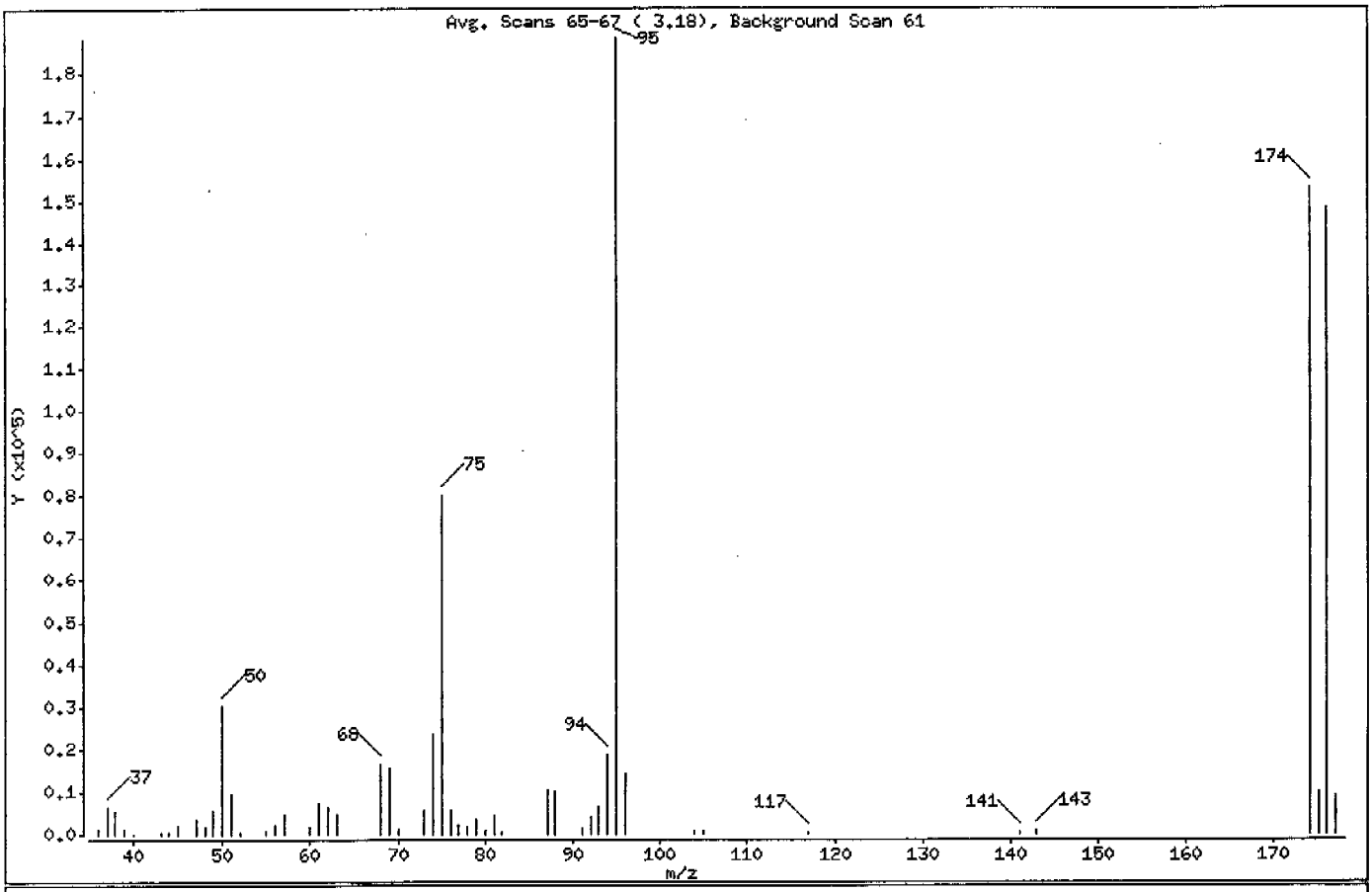
Sample Info: 50ng 4-BFB

Operator: D. HUMBERT

Column phase: RTX-624

Column diameter: 0.25

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.19
75	30.00 - 60.00% of mass 95	42.61
96	5.00 - 9.00% of mass 95	7.57
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	81.05
175	5.00 - 9.00% of mass 174	5.35 (6.61)
176	95.00 - 101.00% of mass 174	78.70 (97.11)
177	5.00 - 9.00% of mass 176	4.84 (6.15)

Data File: \\TARGET1_CT\Files\chem\VOA\mso.i\0067547.b\0B269.D

Date : 11-AUG-2006 09:30

Client ID: BFB

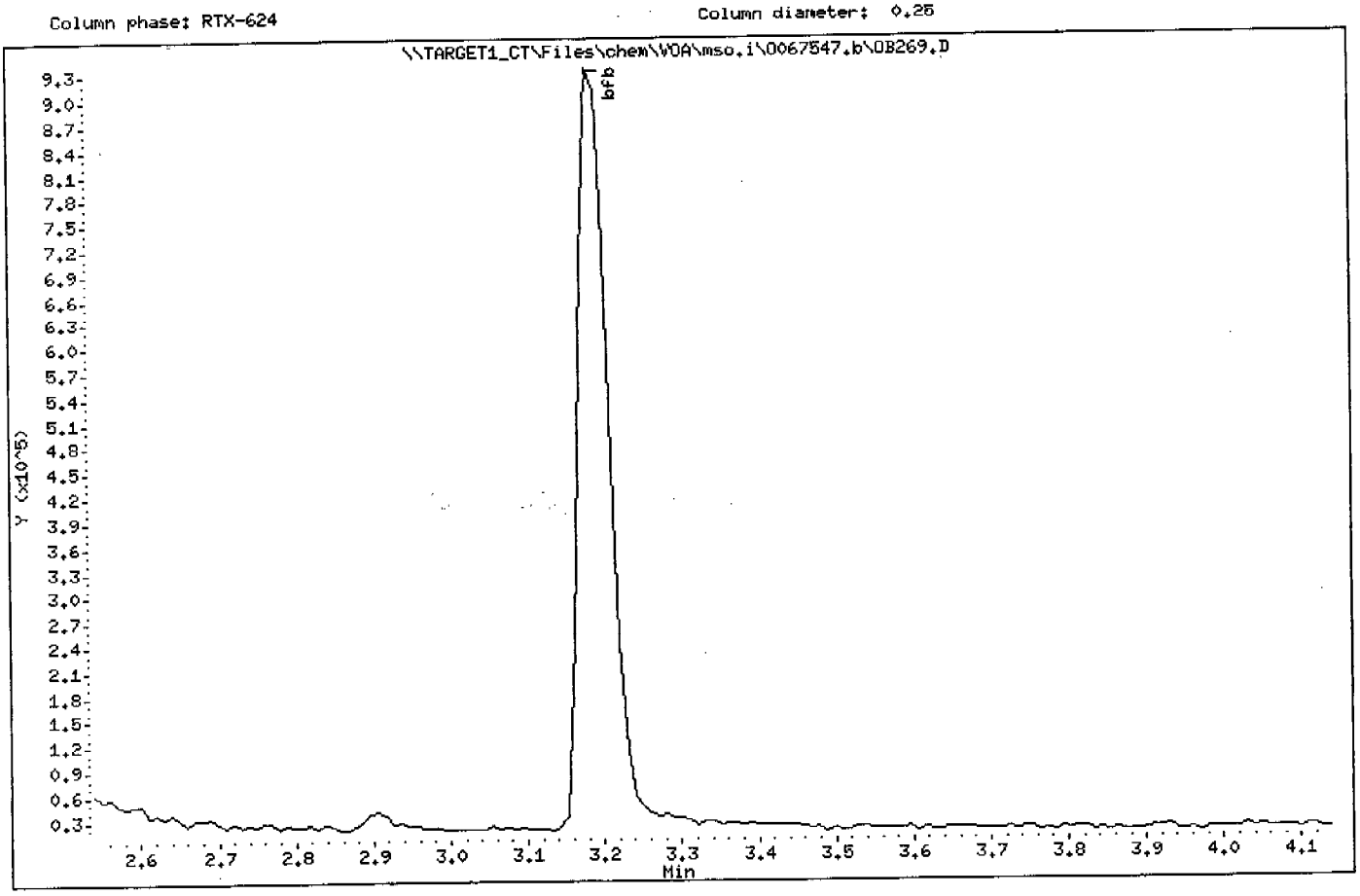
Instrument: mso.i

Sample Info: 50ng 4-BFB

Operator: D. HUMBERT

Column phase: RTX-624

Column diameter: 0.25



V06HWRK001

Data File: \\TARGET1_CT\Files\chem\VOA\mso.i\0067547.b\0B269.D

Date : 11-AUG-2006 09:30

Client ID: BFB

Instrument: mso.i

Sample Info: 50ng 4-BFB

Operator: D. HUMBERT

Column phase: RTX-624

Column diameter: 0.25

Data File: 0B269.D

Spectrum: Avg. Scans 65-67 (3.18), Background Scan 61

Location of Maximum: 95.00

Number of points: 51

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1388	52.00	458	75.00	80280	94.00	18432
37.00	6665	55.00	716	76.00	5774	95.00	188416
38.00	5574	56.00	2355	77.00	2134	96.00	14272
39.00	1196	57.00	4713	78.00	1681	104.00	790
40.00	27	60.00	1668	79.00	3575	105.00	981
43.00	431	61.00	7511	80.00	806	117.00	371
44.00	509	62.00	6551	81.00	4209	141.00	446
45.00	2062	63.00	4697	82.00	403	143.00	861
47.00	3278	68.00	16432	87.00	10460	174.00	152704
48.00	1531	69.00	15418	88.00	10150	175.00	10088
49.00	5698	70.00	1491	91.00	1289	176.00	148288
50.00	30496	73.00	5810	92.00	3819	177.00	9126
51.00	9627	74.00	23296	93.00	6441		

QUALITY CONTROL RESULTS

Job Number.: 213443 | Report Date.: 08/22/2006

CUSTOMER: ERM | PROJECT: RAECO PRODUCTS | ATTN: Andy Coenen

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		69937 -001		08/11/2006	1153

Test Method.....: OLM04.2
Method Description.: CLP Volatile Organic Analysis
Equipment Code....: MSO
Batch.....: 70199
Analyst...: pam

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Chloromethane, Solid	ug/Kg	1.20	U							
Bromomethane, Solid	ug/Kg	1.60	U							
Vinyl chloride, Solid	ug/Kg	0.30	U							
Chloroethane, Solid	ug/Kg	1.10	U							
Methylene chloride, Solid	ug/Kg	4.10	J							B
Acetone, Solid	ug/Kg	4.70	U							
Carbon disulfide, Solid	ug/Kg	0.40	U							
1,1-Dichloroethene, Solid	ug/Kg	0.40	U							
1,1-Dichloroethane, Solid	ug/Kg	0.40	U							
Chloroform, Solid	ug/Kg	0.10	U							
1,2-Dichloroethane, Solid	ug/Kg	0.20	U							
2-Butanone (MEK), Solid	ug/Kg	3.20	U							
1,1,1-Trichloroethane, Solid	ug/Kg	0.20	U							
Carbon tetrachloride, Solid	ug/Kg	0.20	U							
Bromodichloromethane, Solid	ug/Kg	0.30	U							
1,2-Dichloropropane, Solid	ug/Kg	0.60	U							
cis-1,3-Dichloropropene, Solid	ug/Kg	0.20	U							
Trichloroethene, Solid	ug/Kg	0.40	U							
Dibromochloromethane, Solid	ug/Kg	0.30	U							
1,1,2-Trichloroethane, Solid	ug/Kg	0.60	U							
Benzene, Solid	ug/Kg	0.20	U							
trans-1,3-Dichloropropene, Solid	ug/Kg	0.20	U							
Bromoform, Solid	ug/Kg	0.30	U							
4-Methyl-2-pentanone (MIBK), Solid	ug/Kg	0.60	U							
2-Hexanone, Solid	ug/Kg	1.10	U							
Tetrachloroethene, Solid	ug/Kg	0.20	U							
1,1,2,2-Tetrachloroethane, Solid	ug/Kg	0.30	U							
Toluene, Solid	ug/Kg	0.90	J							B
Chlorobenzene, Solid	ug/Kg	0.30	U							
Ethylbenzene, Solid	ug/Kg	0.20	U							
Styrene, Solid	ug/Kg	0.20	U							
Xylenes (total), Solid	ug/Kg	0.30	U							
cis-1,2-Dichloroethene, Solid	ug/Kg	0.30	U							
trans-1,2-Dichloroethene, Solid	ug/Kg	0.50	U							
Methyl-tert-butyl-ether (MTBE), Solid	ug/Kg	0.30	U							
Dichlorodifluoromethane, Solid	ug/Kg	0.50	U							
Trichlorofluoromethane, Solid	ug/Kg	0.20	U							
Trichlorotrifluoroethane, Solid	ug/Kg	0.40	U							
Methyl acetate, Solid	ug/Kg	2.60	U							
Cyclohexane, Solid	ug/Kg	0.40	U							
Methyl cyclohexane, Solid	ug/Kg	0.30	U							
1,2-Dibromoethane (EDB), Solid	ug/Kg	0.40	U							
Isopropylbenzene, Solid	ug/Kg	0.10	U							
1,3-Dichlorobenzene, Solid	ug/Kg	0.30	U							
1,4-Dichlorobenzene, Solid	ug/Kg	0.20	U							
1,2-Dichlorobenzene, Solid	ug/Kg	0.20	U							
1,2-Dibromo-3-chloropropane, Solid	ug/Kg	1.30	U							
1,2,4-Trichlorobenzene, Solid	ug/Kg	0.40	U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

69937-1MB

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Matrix: (soil/water) SOIL Lab Sample ID: 69937-1MB

Sample wt/vol: 5.0 (g/mL) G Lab File ID: O7551

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

% Moisture: not dec. _____ Date Analyzed: 08/11/06

GC Column: DB-624 ID: 0.53 (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.					
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17.					
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19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

FORM I VOA-TIC

STL-CT

Volatile Report CLP METHOD OLM 4.2

Data file : \\TARGET1_CT\Files\chem\VOA\mso.i\0067547.b\07551.D
Lab Smp Id: MB Client Smp ID: MB
Inj Date : 11-AUG-2006 11:53 MS Autotune Date: 28-FEB-2006 13:40
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : MB
Misc Info : :SMB ;;; VBLKOL ; CLP ; 1 ; LLS
Comment :
Method : \\TARGET1_CT\Files\chem\VOA\mso.i\0067547.b\OCLPS42.m
Meth Date : 11-Aug-2006 17:07 dave Quant Type: ISTD
Cal Date : 11-AUG-2006 10:00 Cal File: 07548.D
Als bottle: 10 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: CONMSONT

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
*	1 Bromochloromethane	128	3.481	3.478	(1.000)	77110	50.0000	
	17 Methylene Chloride	84	2.219	2.216	(0.637)	24649	4.10240	4
$	33 1,2-Dichloroethane-d4	65	4.407	4.405	(1.266)	167887	49.4472	49
*	34 1,4-Difluorobenzene	114	4.989	4.986	(1.000)	517337	50.0000	
*	51 Chlorobenzene-d5	117	7.848	7.855	(1.000)	442285	50.0000	
	52 Toluene	91	6.468	6.465	(0.824)	21413	0.90099	0.9
$	53 Toluene-d8	98	6.409	6.416	(0.817)	912335	50.7908	51
$	72 Bromofluorobenzene	95	8.932	8.940	(1.138)	278402	47.2951	47

STL-CT

Volatile Report CLP METHOD OLM 4.2

Data file : \\TARGET1_CT\Files\chem\VOA\mso.i\O067547.b\O7551.D
Lab Smp Id: MB Client Smp ID: MB
Inj Date : 11-AUG-2006 11:53 MS Autotune Date: 28-FEB-2006 13:40
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : MB
Misc Info : :SMB ;;; VBLKOL ; CLP ; 1 ; LLS
Comment :
Method : \\TARGET1_CT\Files\chem\VOA\mso.i\O067547.b\OCLPS42.m
Meth Date : 11-Aug-2006 17:07 dave Quant Type: ISTD
Cal Date : 11-AUG-2006 10:00 Cal File: O7548.D
Als bottle: 10 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: CONMSONT

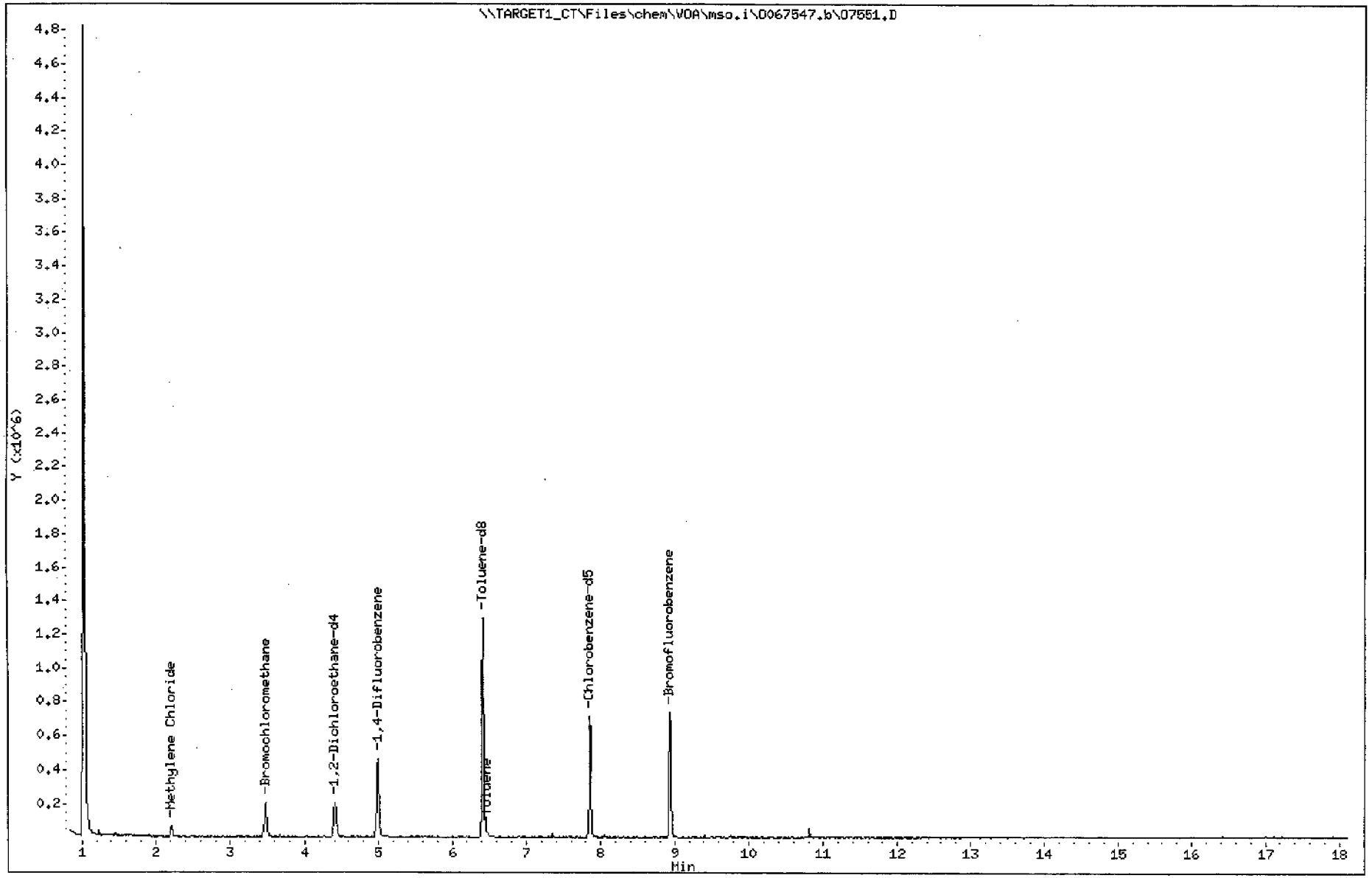
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\TARGET1_CT\Files\chem\VOA\mso.i\0067547.b\07551.D
Date : 11-AUG-2006 11:53
Client ID: MB
Sample Info: MB

Instrument: mso.i

Operator: D. HUMBERT
Column diameter: 0.53

Column phase: DB-624



Data File: \\TARGET1_CT\Files\chem\VOA\mso.i\0067547.b\07551.D

Date : 11-AUG-2006 11:53

Client ID: MB

Instrument: mso.i

Sample Info: MB

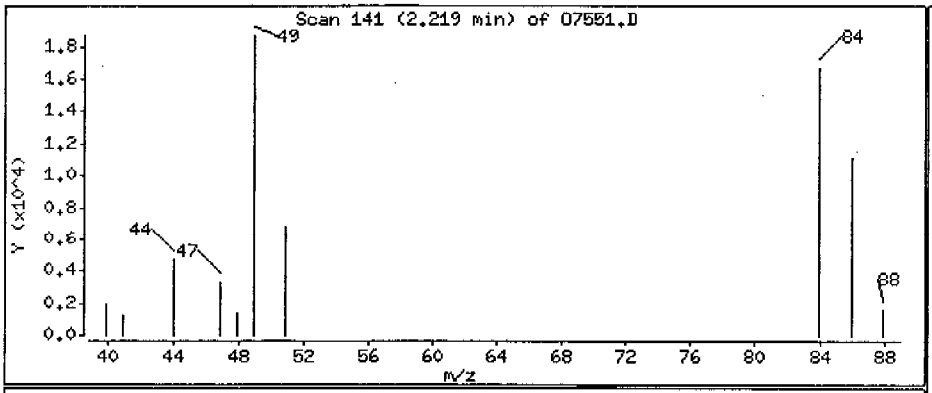
Operator: D. HUMBERT

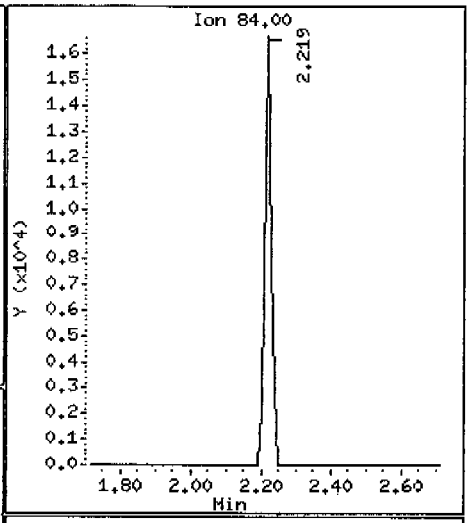
Column phase: DB-624

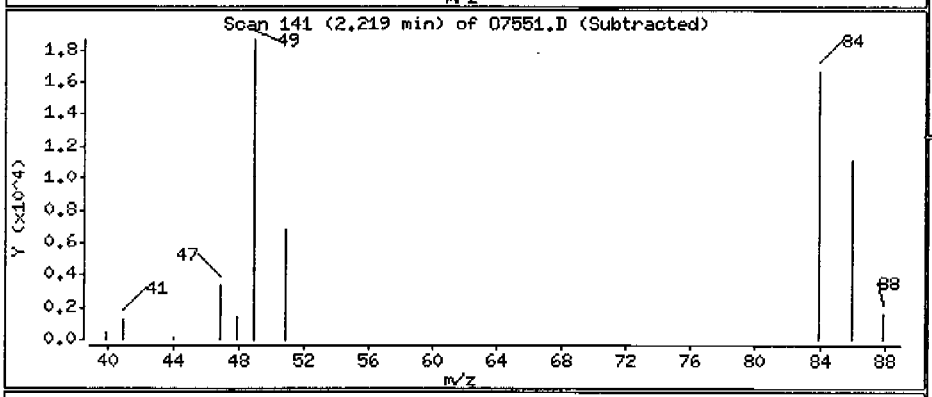
Column diameter: 0.53

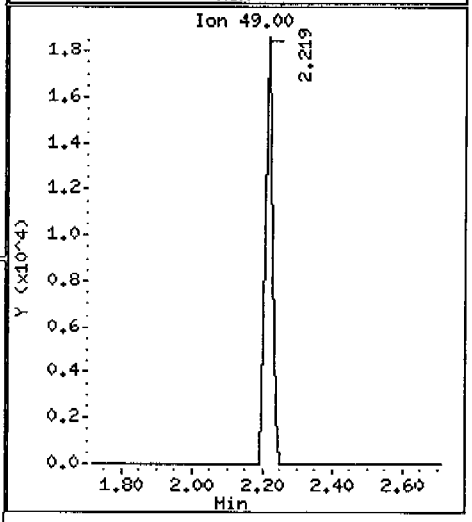
17 Methylene Chloride

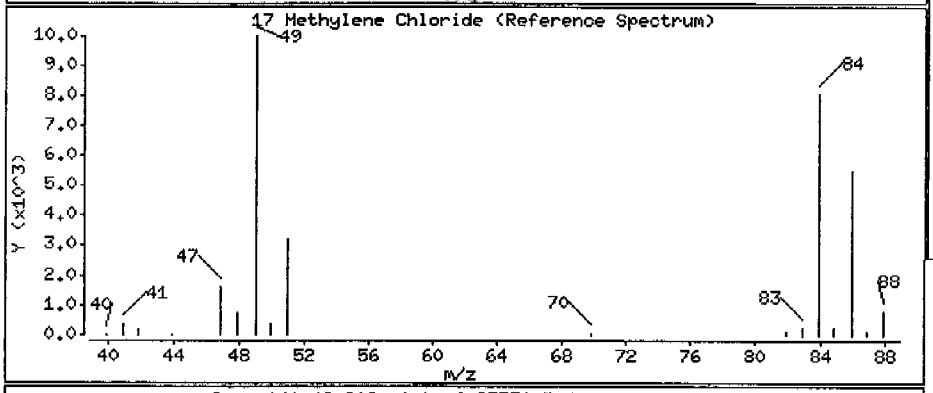
Concentration: 4 ug/Kg

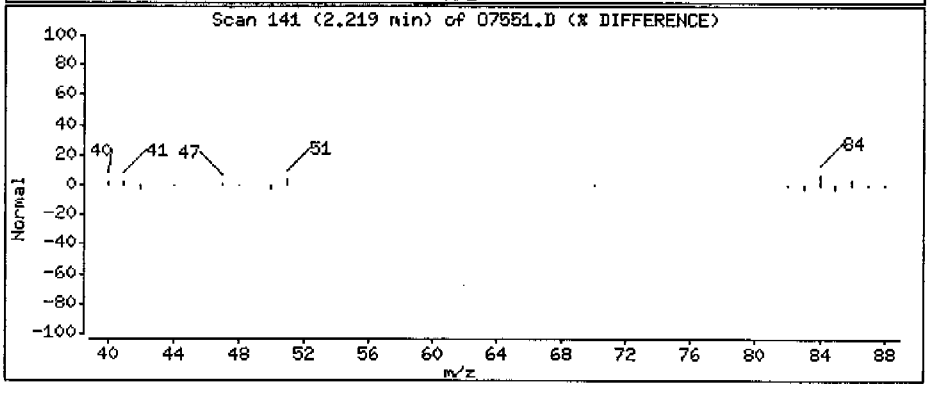












Data File: \\TARGET1_CT\Files\chem\VOA\mso.i\0067547.b\07551.D

Date : 11-AUG-2006 11:53

Client ID: MB

Instrument: mso.i

Sample Info: MB

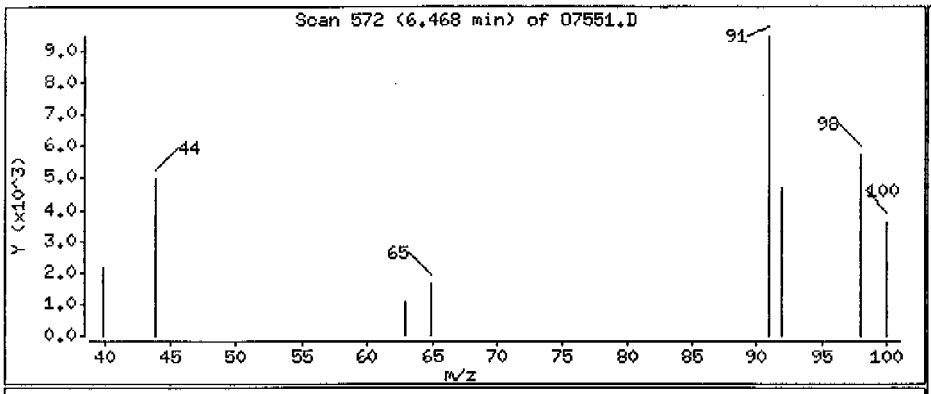
Operator: D. HUMBERT

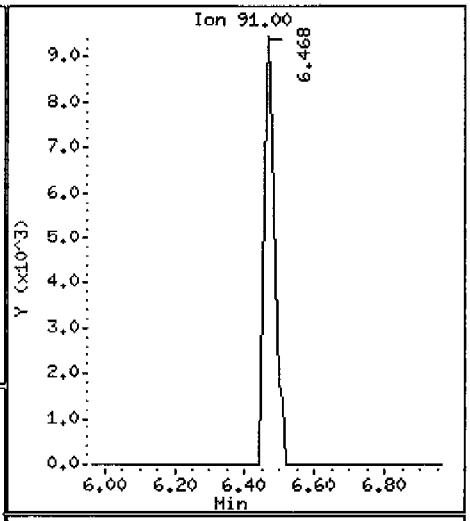
Column phase: DB-624

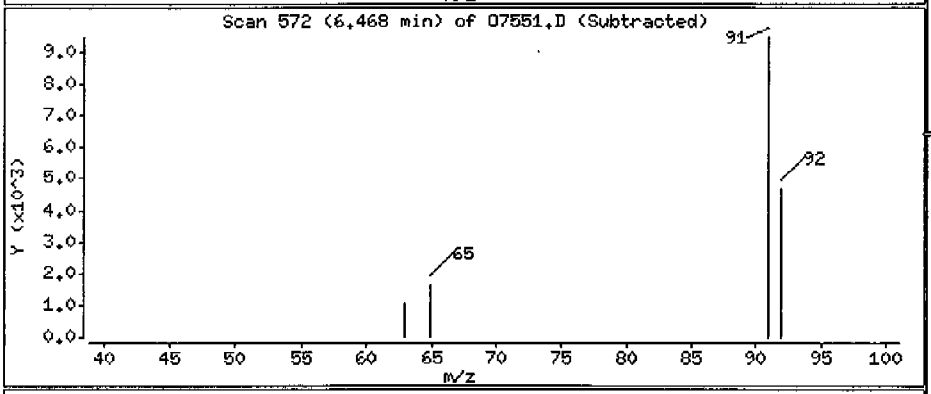
Column diameter: 0.53

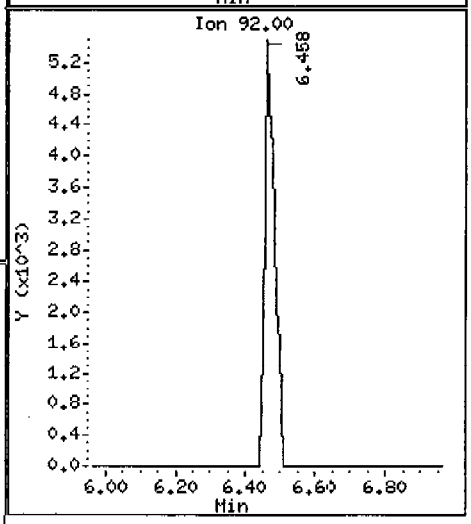
52 Toluene

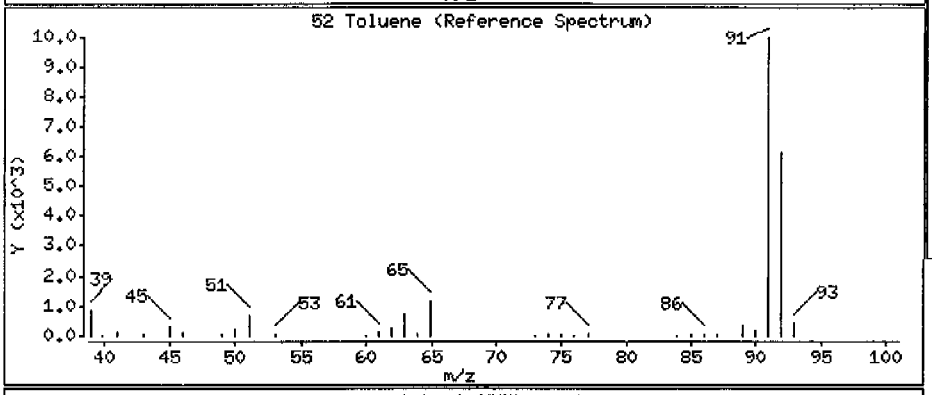
Concentration: 0.9 ug/Kg

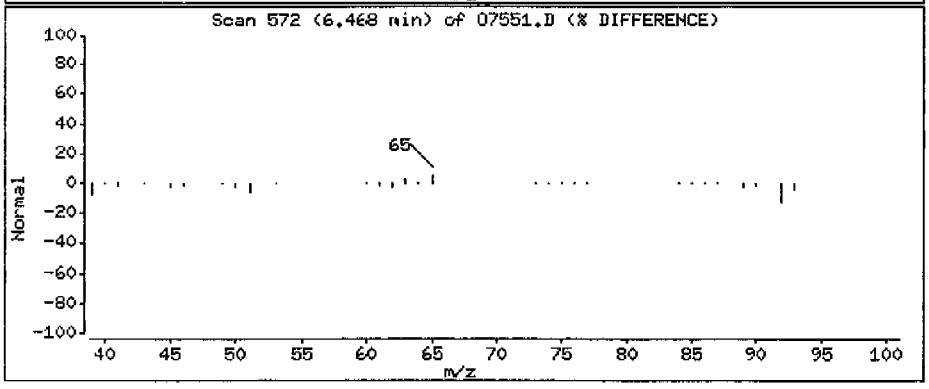












SURROGATE RECOVERIES REPORT

Job Number.: 213443 Report Date.: 08/28/2006

CUSTOMER: ERM PROJECT: RAECO PRODUCTS ATTN: Andy Coenen

Method.....: CLP BNA Extractable Organics Method Code...: CLPBNA Prep Batch....: 70223
Batch(s).....: 70505 Test Matrix...: Solid Equipment Code: MSZ

Lab ID	DT	Sample ID	Date	12DCBD	246TBP	2FLUBP	2FLUPH	CHRPHD	NITRD5	PHEND5
LCS-70223-2			08/23/2006	81	93	88	90	88	84	87
MB-70223-1			08/23/2006	90	95	97	103	101	94	101
213443- 1		SB-39(28-32)	08/24/2006	38	66	72	68	70	69	76
213443- 2		SB-40(4-5.5)	08/24/2006	32	85	99	76	82	63	93

Test	Test Description	Limits
12DCBD	1,2-Dichlorobenzene-d4 (surr)	20 - 130
246TBP	2,4,6-Tribromophenol (surr)	19 - 122
2FLUBP	2-Fluorobiphenyl (surr)	30 - 115
2FLUPH	2-Fluorophenol (surr)	25 - 121
CHRPHD	2-Chlorophenol-d4 (surr)	20 - 130
NITRD5	Nitrobenzene-d5 (surr)	23 - 120
PHEND5	Phenol-d5 (surr)	24 - 113

Lab ID	DT	Sample ID	Date	TERD14
LCS-70223-2			08/23/2006	121
MB-70223-1			08/23/2006	110
213443- 1		SB-39(28-32)	08/24/2006	118
213443- 2		SB-40(4-5.5)	08/24/2006	58

Test	Test Description	Limits
TERD14	Terphenyl-d14 (surr)	18 - 137

QUALITY CONTROL RESULTS

Job Number.: 213443 — Report Date.: 08/28/2006

CUSTOMER: ERM — PROJECT: RAECO PRODUCTS — ATTN: Andy Coenen

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	E06HSPK001	70223 -002		08/23/2006	1552

Test Method.....: OLM04.2 — Equipment Code....: MSZ — Analyst...: jdw
Method Description.: CLP BNA Extractable Organics — Batch.....: 70505

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Phenol, Solid	ug/Kg	1177.45		1333.00	33.00 U	88	%	46-110	
Bis(2-chloroethyl)ether, Solid	ug/Kg	1184.15		1333.00	33.00 U	89	%	43-106	
2-Chlorophenol, Solid	ug/Kg	1226.59		1333.00	33.00 U	92	%	46-110	
2-Methylphenol, Solid	ug/Kg	1204.50		1333.00	33.00 U	90	%	42-113	
2,2-oxybis (1-chloropropane), Solid	ug/Kg	1143.24		1333.00	33.00 U	86	%	45-115	
4-Methylphenol, Solid	ug/Kg	2402.34		2667.00	33.00 U	90	%	45-117	
n-Nitroso-di-n-propylamine, Solid	ug/Kg	1194.61		1333.00	33.00 U	90	%	42-112	
Hexachloroethane, Solid	ug/Kg	1035.94		1333.00	33.00 U	78	%	34-106	
Nitrobenzene, Solid	ug/Kg	1162.23		1333.00	33.00 U	87	%	45-108	
Isophorone, Solid	ug/Kg	1201.43		1333.00	33.00 U	90	%	48-109	
2-Nitrophenol, Solid	ug/Kg	1190.31		1333.00	33.00 U	89	%	37-111	
2,4-Dimethylphenol, Solid	ug/Kg	1032.32		1333.00	33.00 U	77	%	36-114	
Bis(2-chloroethoxy)methane, Solid	ug/Kg	1208.29		1333.00	33.00 U	91	%	45-108	
2,4-Dichlorophenol, Solid	ug/Kg	1210.29		1333.00	33.00 U	91	%	45-113	
Naphthalene, Solid	ug/Kg	1177.73		1333.00	33.00 U	88	%	45-109	
4-Chloroaniline, Solid	ug/Kg	798.89		1333.00	33.00 U	60	%	18-78	
Hexachlorobutadiene, Solid	ug/Kg	1114.54		1333.00	33.00 U	84	%	40-109	
4-Chloro-3-methylphenol, Solid	ug/Kg	1267.01		1333.00	33.00 U	95	%	46-120	
2-Methylnaphthalene, Solid	ug/Kg	1154.46		1333.00	33.00 U	87	%	42-109	
Hexachlorocyclopentadiene, Solid	ug/Kg	1098.78		1333.00	33.00 U	82	%	5-106	
2,4,6-Trichlorophenol, Solid	ug/Kg	1263.98		1333.00	33.00 U	95	%	38-114	
2,4,5-Trichlorophenol, Solid	ug/Kg	1210.79		1333.00	83.00 U	91	%	45-117	
2-Chloronaphthalene, Solid	ug/Kg	1221.00		1333.00	33.00 U	92	%	46-111	
2-Nitroaniline, Solid	ug/Kg	1301.66		1333.00	83.00 U	98	%	49-122	
Dimethyl phthalate, Solid	ug/Kg	1317.30		1333.00	33.00 U	99	%	50-120	
Acenaphthylene, Solid	ug/Kg	1229.97		1333.00	33.00 U	92	%	49-117	
2,6-Dinitrotoluene, Solid	ug/Kg	1334.78		1333.00	33.00 U	100	%	51-126	
3-Nitroaniline, Solid	ug/Kg	950.11		1333.00	83.00 U	71	%	37-107	
Acenaphthene, Solid	ug/Kg	1233.25		1333.00	33.00 U	92	%	47-116	
2,4-Dinitrophenol, Solid	ug/Kg	1122.66		1333.00	83.00 U	84	%	10-36	*
4-Nitrophenol, Solid	ug/Kg	1331.02		1333.00	83.00 U	100	%	39-130	
Dibenzofuran, Solid	ug/Kg	1194.64		1333.00	33.00 U	90	%	49-117	
2,4-Dinitrotoluene, Solid	ug/Kg	1365.37		1333.00	33.00 U	102	%	51-127	
Diethyl phthalate, Solid	ug/Kg	1363.41		1333.00	33.00 U	102	%	49-126	
4-Chlorophenyl phenyl ether, Solid	ug/Kg	1244.11		1333.00	33.00 U	93	%	49-118	
Fluorene, Solid	ug/Kg	1247.60		1333.00	33.00 U	94	%	50-119	
4-Nitroaniline, Solid	ug/Kg	1172.21		1333.00	83.00 U	88	%	45-141	
4,6-Dinitro-2-methylphenol, Solid	ug/Kg	1486.46		1333.00	83.00 U	111	%	10-89	*
n-Nitrosodiphenylamine, Solid	ug/Kg	1435.11		1333.00	33.00 U	108	%	51-124	
4-Bromophenyl phenyl ether, Solid	ug/Kg	1392.32		1333.00	33.00 U	104	%	51-120	
Hexachlorobenzene, Solid	ug/Kg	1356.21		1333.00	33.00 U	102	%	51-122	
Pentachlorophenol, Solid	ug/Kg	947.40		1333.00	83.00 U	71	%	10-116	
Phenanthrene, Solid	ug/Kg	1406.80		1333.00	33.00 U	106	%	50-125	
Anthracene, Solid	ug/Kg	1377.33		1333.00	33.00 U	103	%	48-128	
Carbazole, Solid	ug/Kg	1310.63		1333.00	33.00 U	98	%	50-138	
Di-n-butyl phthalate, Solid	ug/Kg	1452.65		1333.00	33.00 U	109	%	51-130	
Fluoranthene, Solid	ug/Kg	1361.48		1333.00	33.00 U	102	%	48-131	
Pyrene, Solid	ug/Kg	1648.47		1333.00	33.00 U	124	%	49-131	
Butyl benzyl phthalate, Solid	ug/Kg	1635.00		1333.00	33.00 U	123	%	51-132	
3,3-Dichlorobenzidine, Solid	ug/Kg	987.00		1333.00	33.00 U	74	%	22-97	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 213443 Report Date.: 08/28/2006

CUSTOMER: ERM PROJECT: RAECO PRODUCTS ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	E06HSPK001	70223 -002		08/23/2006	1552

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Benzo(a)anthracene, Solid	ug/Kg	1543.00		1333.00	33.00	U 116	%	49-129	
Chrysene, Solid	ug/Kg	1542.06		1333.00	33.00	U 116	%	51-129	
Bis(2-ethylhexyl)phthalate, Solid	ug/Kg	1620.53		1333.00	99.60	J 122	%	51-134	
Di-n-octyl phthalate, Solid	ug/Kg	1698.11		1333.00	33.00	U 127	%	45-140	
Benzo(b)fluoranthene, Solid	ug/Kg	1659.91		1333.00	33.00	U 124	%	42-134	
Benzo(k)fluoranthene, Solid	ug/Kg	1544.85		1333.00	33.00	U 116	%	47-134	
Benzo(a)pyrene, Solid	ug/Kg	1557.06		1333.00	33.00	U 117	%	49-131	
Indeno(1,2,3-cd)pyrene, Solid	ug/Kg	1520.66		1333.00	33.00	U 114	%	42-127	
Dibenzo(a,h)anthracene, Solid	ug/Kg	1562.47		1333.00	33.00	U 117	%	42-127	
Benzo(ghi)perylene, Solid	ug/Kg	1485.19		1333.00	33.00	U 111	%	43-124	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

70223-1MB

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Lab File ID: Z6940 Lab Sample ID: 70223-1MB

Instrument ID: MSZ Date Extracted: 08/14/06

Matrix: (soil/water) SOIL Date Analyzed: 08/23/06

Level: (low/med) LOW Time Analyzed: 1525

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	70223-2LCS	70223-2LCS	Z6941	08/23/06
02	SB-39(28-32)	213443-1	Z6971	08/24/06
03	SB-40(4-5.5)	213443-2	Z6972	08/24/06
04				
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COMMENTS:

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Lab File ID: ZS6907 DFTPP Injection Date: 08/22/06

Instrument ID: MSZ DFTPP Injection Time: 1318

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	45.7
68	Less than 2.0% of mass 69	0.5 (1.1)1
69	Less than 100.0% of mass 198	46.0
70	Less than 2.0% of mass 69	0.2 (0.4)1
127	40.0 - 60.0% of mass 198	51.4
197	Less than 1.0% of mass 198	0.5
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	25.6
365	1.0 - 100.0% of mass 198	3.1
441	Present, but less than mass 443	11.7
442	40.0 - 110.0% of mass 198	81.5
443	17.0 - 23.0% of mass 442	15.0 (18.4)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	SSTD20A1	SSTD20A1	Z6909	08/22/06	1414
02	SSTD50A1	SSTD50A1	Z6910	08/22/06	1441
03	SSTD80A1	SSTD80A1	Z6911	08/22/06	1507
04	SSTD120A1	SSTD120A1	Z6912	08/22/06	1534
05	SSTD160A1	SSTD160A1	Z6913	08/22/06	1600
06					
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Lab File ID: ZS6937 DFTPP Injection Date: 08/23/06

Instrument ID: MSZ DFTPP Injection Time: 1410

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	47.9
68	Less than 2.0% of mass 69	0.8 (1.6)1
69	Less than 100.0% of mass 198	48.7
70	Less than 2.0% of mass 69	0.3 (0.5)1
127	40.0 - 60.0% of mass 198	51.3
197	Less than 1.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	25.3
365	1.0 - 100.0% of mass 198	3.2
441	Present, but less than mass 443	11.4
442	40.0 - 110.0% of mass 198	78.0
443	17.0 - 23.0% of mass 442	15.3 (19.6)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	SSTD50A2	SSTD50A2	Z6939	08/23/06	1458
02	70223-1MB	70223-1MB	Z6940	08/23/06	1525
03	70223-2LCS	70223-2LCS	Z6941	08/23/06	1552
04					
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Lab File ID: ZS6966 DFTPP Injection Date: 08/24/06

Instrument ID: MSZ DFTPP Injection Time: 1308

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	44.5
68	Less than 2.0% of mass 69	0.6 (1.3)1
69	Less than 100.0% of mass 198	45.6
70	Less than 2.0% of mass 69	0.2 (0.5)1
127	40.0 - 60.0% of mass 198	49.7
197	Less than 1.0% of mass 198	0.7
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	25.2
365	1.0 - 100.0% of mass 198	2.9
441	Present, but less than mass 443	11.3
442	40.0 - 110.0% of mass 198	81.5
443	17.0 - 23.0% of mass 442	15.1 (18.5)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	SSTD50A3	SSTD50A3	Z6967	08/24/06	1323
02	SB-39(28-32)	213443-1	Z6971	08/24/06	1509
03	SB-40(4-5.5)	213443-2	Z6972	08/24/06	1536
04					
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8B
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Lab File ID (Standard): Z6939 Date Analyzed: 08/23/06

Instrument ID: MSZ Time Analyzed: 1458

		IS1(NPT) AREA	#	RT	#	IS2(ANT) AREA	#	RT	#	IS3(PHN) AREA	#	RT	#
	12 HOUR STD	1682839		4.21		1019003		6.03		1854100		7.56	
	UPPER LIMIT	3365678		4.71		2038006		6.53		3708200		8.06	
	LOWER LIMIT	841420		3.71		509502		5.53		927050		7.06	
	EPA SAMPLE NO.												
01	70223-1MB	2191327		4.20		1371684		6.03		2551006		7.56	
02	70223-2LCS	2359700		4.21		1406280		6.04		2350104		7.56	
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IS1 (NPT) = Naphthalene-d8
IS2 (ANT) = Acenaphthene-d10
IS3 (PHN) = Phenanthrene-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 internal standard area values with an asterisk.
* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Lab File ID (Standard): Z6939 Date Analyzed: 08/23/06

Instrument ID: MSZ Time Analyzed: 1458

		IS4 (CRY) AREA #	RT #	IS5 (PRY) AREA #	RT #	IS6 (DCB) AREA #	RT #
	12 HOUR STD	1504594	10.56	1052759	13.05	397963	2.95
	UPPER LIMIT	3009188	11.06	2105518	13.55	795926	3.45
	LOWER LIMIT	752297	10.06	526380	12.55	198982	2.45
	EPA SAMPLE NO.						
01	70223-1MB	2281515	10.56	1710165	13.05	492522	2.96
02	70223-2LCS	1576339	10.56	969983	13.05	543062	2.96
03							
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22							

IS4 (CRY) = Chrysene-d12
IS5 (PRY) = Perylene-d12
IS6 (DCB) = 1,4-Dichlorobenzene-d4

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 internal standard area values with an asterisk.
* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Lab File ID (Standard): Z6967 Date Analyzed: 08/24/06

Instrument ID: MSZ Time Analyzed: 1323

		IS1(NPT) AREA	#	RT	#	IS2(ANT) AREA	#	RT	#	IS3(PHN) AREA	#	RT	#
	12 HOUR STD	1585252		4.17		947708		5.99		1686035		7.52	
	UPPER LIMIT	3170504		4.67		1895416		6.49		3372070		8.02	
	LOWER LIMIT	792626		3.67		473854		5.49		843018		7.02	
	EPA SAMPLE NO.												
01	SB-39(28-32)	2235418		4.17		1311192		5.99		1905907		7.52	
02	SB-40(4-5.5)	1717209		4.17		812213		5.99		1098480		7.52	
03													
04													
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22													

IS1 (NPT) = Naphthalene-d8
IS2 (ANT) = Acenaphthene-d10
IS3 (PHN) = Phenanthrene-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 internal standard area values with an asterisk.
* Values outside of QC limits.

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Lab File ID (Standard): Z6967 Date Analyzed: 08/24/06

Instrument ID: MSZ Time Analyzed: 1323

		IS4(CRY) AREA #	RT #	IS5(PRY) AREA #	RT #	IS6(DCB) AREA #	RT #
	12 HOUR STD	1291357	10.51	906459	12.97	377917	2.92
	UPPER LIMIT	2582714	11.01	1812918	13.47	755834	3.42
	LOWER LIMIT	645679	10.01	453230	12.47	188959	2.42
	EPA SAMPLE NO.						
01	SB-39(28-32)	1144537	10.51	2011171*	12.99	522344	2.92
02	SB-40(4-5.5)	2051755	10.52	2650920*	13.05	437267	2.92
03							
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22							

IS4 (CRY) = Chrysene-d12
IS5 (PRY) = Perylene-d12
IS6 (DCB) = 1,4-Dichlorobenzene-d4

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 internal standard area values with an asterisk.
* Values outside of QC limits.

LABORATORY TEST RESULTS

Job Number: 213443 Date:08/28/2006

CUSTOMER: ERM PROJECT: RAECO PRODUCTS ATTN: Andy Coenen

Customer Sample ID: SB-39(28-32)
Date Sampled.....: 08/07/2006
Time Sampled.....: 16:04
Sample Matrix.....: Soil

Laboratory Sample ID: 213443-1
Date Received.....: 08/08/2006
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	78.6			0.10	0.10	1	%	69668		08/08/06 0000	rlm
	% Moisture, Solid	21.4			0.10	0.10	1	%	69668		08/08/06 0000	rlm
OLM04.2	CLP BNA Extractable Organics											
	Phenol, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Bis(2-chloroethyl)ether, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2-Chlorophenol, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2-Methylphenol, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2,2-oxybis (1-chloropropane), Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	4-Methylphenol, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	n-Nitroso-di-n-propylamine, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Hexachloroethane, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Nitrobenzene, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Isophorone, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2-Nitrophenol, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2,4-Dimethylphenol, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Bis(2-chloroethoxy)methane, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2,4-Dichlorophenol, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Naphthalene, Solid*	48	J		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	4-Chloroaniline, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Hexachlorobutadiene, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	4-Chloro-3-methylphenol, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2-Methylnaphthalene, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Hexachlorocyclopentadiene, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2,4,6-Trichlorophenol, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2,4,5-Trichlorophenol, Solid*	ND	U		110	1100	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2-Chloronaphthalene, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2-Nitroaniline, Solid*	ND	U		110	1100	1.00000	ug/Kg	70505		08/24/06 1509	jdw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 213443

Date:08/28/2006

CUSTOMER: ERM

PROJECT: RAECO PRODUCTS

ATTN: Andy Coenen

Customer Sample ID: SB-39(28-32)
Date Sampled.....: 08/07/2006
Time Sampled.....: 16:04
Sample Matrix.....: Soil

Laboratory Sample ID: 213443-1
Date Received.....: 08/08/2006
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dimethyl phthalate, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Acenaphthylene, Solid*	140	J		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2,6-Dinitrotoluene, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	3-Nitroaniline, Solid*	ND	U		110	1100	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Acenaphthene, Solid*	88	J		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2,4-Dinitrophenol, Solid*	ND	U		110	1100	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	4-Nitrophenol, Solid*	ND	U		110	1100	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Dibenzofuran, Solid*	70	J		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	2,4-Dinitrotoluene, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Diethyl phthalate, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	4-Chlorophenyl phenyl ether, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Fluorene, Solid*	130	J	M	42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	4-Nitroaniline, Solid*	ND	U		110	1100	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	4,6-Dinitro-2-methylphenol, Solid*	ND	U		110	1100	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	n-Nitrosodiphenylamine, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	4-Bromophenyl phenyl ether, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Hexachlorobenzene, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Pentachlorophenol, Solid*	ND	U		110	1100	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Phenanthrene, Solid*	1600			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Anthracene, Solid*	450			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Carbazole, Solid*	70	J		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Di-n-butyl phthalate, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Fluoranthene, Solid*	2200			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Pyrene, Solid*	2300			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Butyl benzyl phthalate, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	3,3-Dichlorobenzidine, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Benzo(a)anthracene, Solid*	1800			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Chrysene, Solid*	1600			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Bis(2-ethylhexyl)phthalate, Solid*	140	J	HB	42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 213443

Date:08/28/2006

CUSTOMER: ERM

PROJECT: RABCO PRODUCTS

ATTN: Andy Coenen

Customer Sample ID: SB-39(28-32)
Date Sampled.....: 08/07/2006
Time Sampled.....: 16:04
Sample Matrix.....: Soil

Laboratory Sample ID: 213443-1
Date Received.....: 08/08/2006
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Di-n-octyl phthalate, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Benzo(b)fluoranthene, Solid*	1100			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Benzo(k)fluoranthene, Solid*	1000			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Benzo(a)pyrene, Solid*	1600			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Indeno(1,2,3-cd)pyrene, Solid*	1900			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Dibenzo(a,h)anthracene, Solid*	570			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Benzo(ghi)perylene, Solid*	1400			42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Benzaldehyde, Solid*	51	J		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Acetophenone, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Caprolactam, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	1,1'-Biphenyl, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw
	Atrazine, Solid*	ND	U		42	420	1.00000	ug/Kg	70505		08/24/06 1509	jdw

* In Description = Dry Wgt.

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SB-39(28-32)

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Matrix: (soil/water) SOIL Lab Sample ID: 213443-1

Sample wt/vol: 30.1 (g/mL) G Lab File ID: Z6971

Level: (low/med) LOW Date Received: 08/08/06

% Moisture: 21 Decanted: (Y/N) N Date Extracted:08/14/06

Concentrated Extract Volume: 500(uL) Date Analyzed: 08/24/06

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: ___ Extraction: (Type) CONT

Number TICs found: 30

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	2.57	410	J
2.	832-69-9	PHENANTHRENE, 1-METHYL-	8.05	360	NJ
3.	613-12-7	ANTHRACENE, 2-METHYL-	8.08	270	NJ
4.		UNKNOWN	8.17	450	J
5.		UNKNOWN	8.72	330	J
6.	33543-31-6	FLUORANTHENE, 2-METHYL-	9.28	370	NJ
7.	2381-21-7	PYRENE, 1-METHYL-	9.39	690	NJ
8.	243-17-4	11H-BENZO[B]FLUORENE	9.47	270	NJ
9.	3353-12-6	PYRENE, 4-METHYL-	9.51	480	NJ
10.	2381-21-7	PYRENE, 1-METHYL-	9.65	230	NJ
11.	64401-21-4	PYRENE, 1,3-DIMETHYL-	9.91	330	NJ
12.	82-05-3	7H-BENZ[DE]ANTHRACEN-7-ONE	10.01	260	NJ
13.	25732-74-5	3,4-DIHYDROCYCLOPENTA(CD)PY	10.20	240	NJ
14.	239-01-0	11H-BENZO[A]CARBAZOLE	10.78	260	NJ
15.	1705-84-6	TRIPHENYLENE, 2-METHYL-	11.13	450	NJ
16.		UNKNOWN	11.29	290	J
17.		UNKNOWN	11.38	280	J
18.		UNKNOWN PAH	12.46	460	J
19.		UNKNOWN	12.65	260	J
20.	192-97-2	BENZO[E]PYRENE	12.78	900	NJ
21.	198-55-0	PERYLENE	13.04	470	NJ
22.	220-97-3	11H-INDENO[2,1-A]PHENANTHRE	13.33	240	NJ
23.		UNKNOWN	14.78	420	J
24.		UNKNOWN PAH	14.95	710	J
25.		UNKNOWN PAH	15.42	480	J
26.	215-58-7	BENZO[B]TRIPHENYLENE	15.49	530	NJ
27.		UNKNOWN PAH	15.96	400	J
28.		UNKNOWN	16.62	240	J
29.	192-65-4	1,2:4,5-DIBENZOPYRENE	18.17	1100	NJ
30.	191-30-0	1,2:3,4-DIBENZOPYRENE	18.35	380	NJ

STL-CT

Semivolatile REPORT OLM Compounds

Data file : \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D
Lab Smp Id: 213443-1 Client Smp ID: SB-39(28-32)
Inj Date : 24-AUG-2006 15:09
Operator : m.eastman Inst ID: msz.i
Smp Info : 213443-1
Misc Info : :S ; ;0.500
Comment :
Method : \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Mszclp.m
Meth Date : 28-Aug-2006 09:23 cheryl Quant Type: ISTD
Cal Date : 24-AUG-2006 13:23 Cal File: Z6967.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: olm42.sub
Target Version: 4.10
Processing Host: CONSVOA

Concentration Formula:
Amt * DF * Uf * Vt*G/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	ng unit correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
G	2.000	GPC Factor
Ws	30.100	Weight of sample extracted (g)
Vi	2.000	Volume Injected
M	21.400	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
*	1 1,4-Dichlorobenzene-d4	152	2.923	2.917	(1.000)	522344	20.0000	
$	2 2-Fluorophenol	112	1.841	1.823	(0.630)	1655362	50.6372	2100
$	3 Phenol-d5	99	2.671	2.665	(0.914)	2477222	56.9867	2400
	128 Benzaldehyde	77	2.529	2.523	(0.865)	9237	1.19824	51
$	157 2-Chlorophenol-d4	132	2.747	2.747	(0.940)	1790134	52.1328	2200
$	158 1,2-Dichlorobenzene-d4	152	3.100	3.100	(1.060)	419768	19.1085	810
	92 Acetophenone	105	3.329	3.335	(1.139)	9985	0.20370	9
	19 4-Methylphenol	108	3.370	3.370	(1.153)	7738	0.21812	9
*	20 Naphthalene-d8	136	4.165	4.170	(1.000)	2235418	20.0000	
$	21 Nitrobenzene-d5	82	3.476	3.476	(0.835)	1385588	34.3918	1500
	30 Naphthalene	128	4.182	4.188	(1.004)	125163	1.14540	48
	34 2-Methylnaphthalene	142	4.894	4.900	(1.175)	46353	0.63965	27
*	35 Acenaphthene-d10	164	5.988	5.994	(1.000)	1311192	20.0000	
	130 1,1'-Biphenyl	154	5.388	5.394	(0.900)	22427	0.26284	11
$	40 2-Fluorobiphenyl	172	5.306	5.311	(0.886)	2756650	36.0491	1500
	43 Acenaphthylene	152	5.829	5.829	(0.973)	370776	3.41985	140
	46 Acenaphthene	153	6.017	6.023	(1.005)	139711	2.08965	88

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	49 Dibenzofuran	168	6.188	6.194	(1.033)	158317	1.65656	70
	52 Fluorene	166	6.547	6.553	(1.093)	231628	3.00896	130(M)
$	56 2,4,6-Tribromophenol	330	6.823	6.829	(1.139)	583384	49.5905	2100
*	57 Phenanthrene-d10	188	7.517	7.523	(1.000)	1905907	20.0000	
	64 Phenanthrene	178	7.541	7.547	(1.003)	3504690	38.9418	1600
	65 Carbazole	167	7.770	7.776	(2.658)	164963	1.65296	70
	66 Anthracene	178	7.588	7.588	(1.009)	971085	10.6752	450
	68 Fluoranthene	202	8.794	8.794	(1.170)	4752408	51.9877	2200
*	70 Chrysene-d12	240	10.505	10.505	(1.000)	1144537	20.0000	
	72 Pyrene	202	9.023	9.023	(0.859)	3952043	55.0694	2300
$	73 Terphenyl-d14	244	9.217	9.211	(0.877)	2868131	59.2171	2500
	76 Benzo(a)anthracene	228	10.488	10.482	(0.998)	2287734	41.9525	1800
	77 Chrysene	228	10.541	10.540	(1.003)	1938880	37.4381	1600
	78 Bis(2-Ethylhexyl)phthalate	149	10.670	10.670	(1.016)	123335	3.33499	140(H)
*	79 Perylene-d12	264	12.988	12.970	(1.000)	2011171	20.0000	
	81 Benzo(b)fluoranthene	252	12.276	12.264	(0.945)	2624550	25.0332	1100
	82 Benzo(k)fluoranthene	252	12.317	12.305	(0.948)	2830639	24.5256	1000
	83 Benzo(a)pyrene	252	12.882	12.858	(0.992)	3572005	36.9728	1600
	84 Indeno(1,2,3-cd)pyrene	276	15.176	15.128	(1.168)	4148303	45.2357	1900
	85 Dibenzo(a,h)anthracene	278	15.211	15.187	(1.171)	1234842	13.4907	570
	86 Benzo(g,h,i)perylene	276	15.705	15.658	(1.209)	3316761	33.4557	1400

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

STL-CT

Semivolatile REPORT OLM Compounds

Data file : \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D
Lab Smp Id: 213443-1 Client Smp ID: SB-39(28-32)
Inj Date : 24-AUG-2006 15:09
Operator : m.eastman Inst ID: msz.i
Smp Info : 213443-1
Misc Info : :S ; ;0.500
Comment :
Method : \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Mszclp.m
Meth Date : 28-Aug-2006 09:23 cheryl Quant Type: ISTD
Cal Date : 24-AUG-2006 13:23 Cal File: Z6967.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: olm42.sub
Target Version: 4.10
Processing Host: CONSVOA

Concentration Formula: Amt * DF * Uf * Vt*G/(Ws *Vi* ((100 - M)/100))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	ng unit correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
G	2.000	GPC Factor
Ws	30.100	Weight of sample extracted (g)
Vi	2.000	Volume Injected
M	21.400	% Moisture

	ISTD	RT	AREA	AMOUNT
* 1	1,4-Dichlorobenzene-d4	2.924	3381321	20.000
* 57	Phenanthrene-d10	7.518	5243076	20.000
* 70	Chrysene-d12	10.506	3990892	20.000
* 79	Perylene-d12	12.988	5982046	20.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
2.565	1624651	9.60956178	410	0		0	1
Phenanthrene, 1-methyl-				CAS #: 832-69-9			
8.053	2215033	8.44936269	360	96	Nist98.l	125857	57(L)

RT	AREA	CONCENTRATIONS ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Anthracene, 2-methyl-				CAS #: 613-12-7			
8.082	1693579	6.46024864	270	98	Nist98.l	125846	57
Unknown				CAS #:			
8.171	2782079	10.6123915	450	0		0	57
Unknown				CAS #:			
8.724	2035878	7.76596480	330	0		0	57(M)
Fluoranthene, 2-methyl-				CAS #: 33543-31-6			
9.276	1740329	8.72150403	370	94	Nist98.l	86794	70(M)
Pyrene, 1-methyl-				CAS #: 2381-21-7			
9.394	3278924	16.4320315	690	90	Nist98.l	86803	70(ML)
11H-Benzo[b]fluorene				CAS #: 243-17-4			
9.471	1261370	6.32124436	270	93	Nist98.l	126770	70(M)
Pyrene, 4-methyl-				CAS #: 3353-12-6			
9.512	2249625	11.2737941	480	95	Nist98.l	126767	70(M)
Pyrene, 1-methyl-				CAS #: 2381-21-7			
9.653	1102194	5.52354367	230	89	Nist98.l	126764	70(M)
Pyrene, 1,3-dimethyl-				CAS #: 64401-21-4			
9.912	1549753	7.76644762	330	86	Nist98.l	89649	70(M)
7H-Benz[de]anthracen-7-one				CAS #: 82-05-3			
10.012	1226065	6.14431357	260	91	Nist98.l	127136	70(M)
3,4-Dihydrocyclopenta(cd)py				CAS #: 25732-74-5			
10.200	1111188	5.56861955	240	96	Nist98.l	89291	70(M)
11H-Benzo[a]carbazole				CAS #: 239-01-0			
10.782	1204419	6.03583892	260	95	Nist98.l	87027	70(M)
Triphenylene, 2-methyl-				CAS #: 1705-84-6			
11.129	2118394	10.6161405	450	98	Nist98.l	91731	70(M)
Unknown				CAS #:			
11.288	1361035	6.82070314	290	0		0	70
Unknown				CAS #:			
11.382	1308843	6.55914735	280	0		0	70
Unknown PAH				CAS #:			
12.465	3254156	10.8797406	460	0		0	79
Unknown				CAS #:			
12.653	1834777	6.13427770	260	0		0	79
Benzo[e]pyrene				CAS #: 192-97-2			
12.782	6398445	21.3921619	900	91	Nist98.l	127650	79

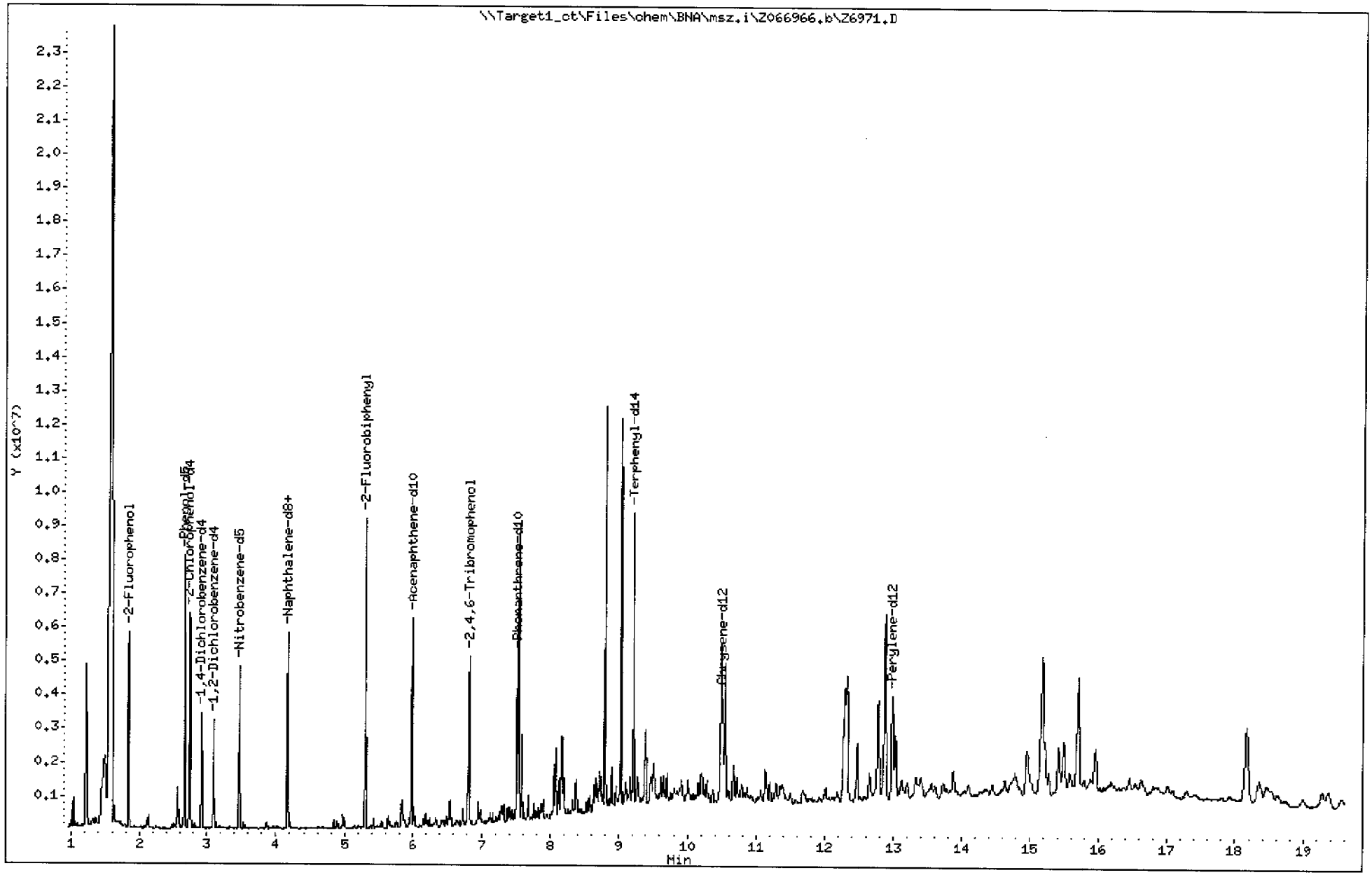
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Perylene				CAS #: 198-55-0			
13.035	3313111	11.0768471	470	98	Nist98.l	127651	79
11H-Indeno[2,1-a]phenanthre				CAS #: 220-97-3			
13.329	1681066	5.62037048	240	93	Nist98.l	95367	79
Unknown				CAS #:			
14.776	3005386	10.0480182	420	0		0	79
Unknown PAH				CAS #:			
14.953	5034950	16.8335358	710	0		0	79
Unknown PAH				CAS #:			
15.417	3374075	11.2806728	480	0		0	79
Benzo[b]triphenylene				CAS #: 215-58-7			
15.494	3724489	12.4522242	530	94	Nist98.l	128086	79
Unknown PAH				CAS #:			
15.964	2806345	9.38255758	400	0		0	79
Unknown				CAS #:			
16.617	1729122	5.78103764	240	0		0	79
1,2:4,5-Dibenzopyrene				CAS #: 192-65-4			
18.170	7806948	26.1012600	1100	97	Nist98.l	128472	79
1,2:3,4-Dibenzopyrene				CAS #: 191-30-0			
18.352	2705491	9.04536832	380	98	Nist98.l	99781	79

QC Flag Legend

M - Compound response manually integrated.
L - Operator selected an alternate library search match.

Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D
Date : 24-AUG-2006 15:09
Client ID: SB-39(28-32)
Sample Info: 213443-1
Volume Injected (uL): 2.0
Column phase: RTX-5

Instrument: msz.i
Operator: m.eastman
Column diameter: 0.25



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0

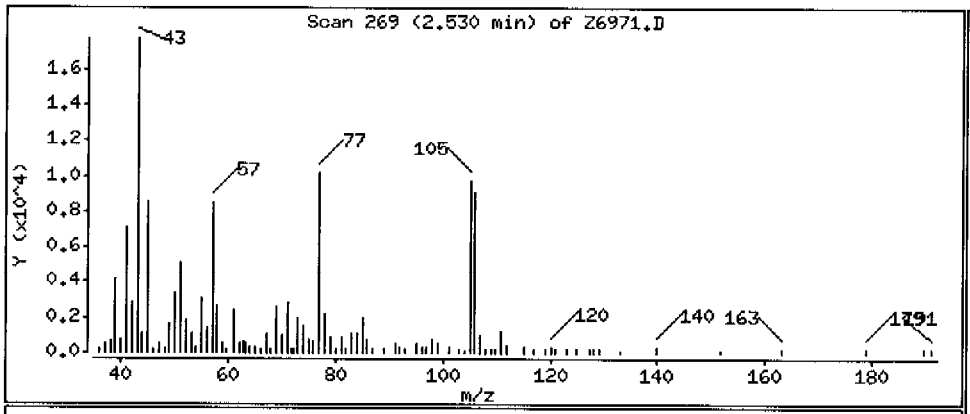
Operator: m.eastman

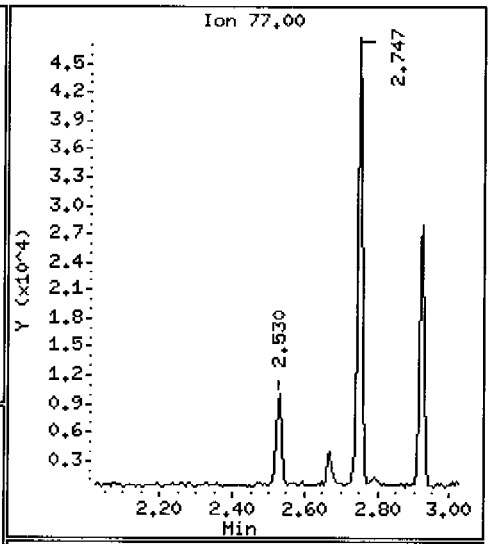
Column phase: RTX-5

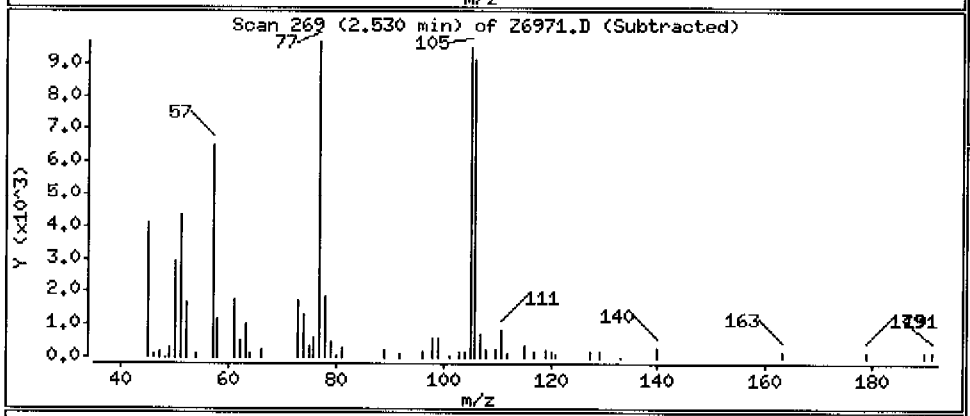
Column diameter: 0.25

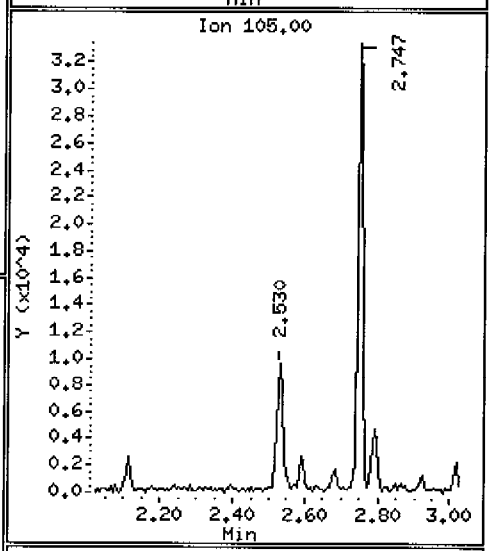
128 Benzaldehyde

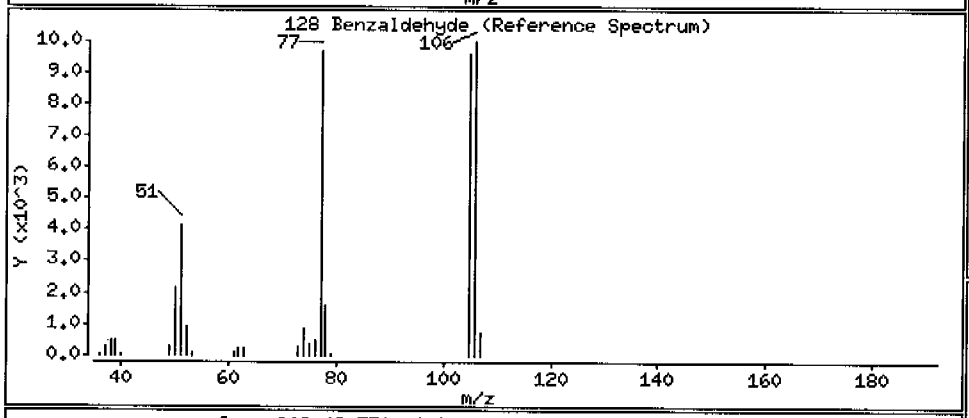
Concentration: 51 ug/Kg

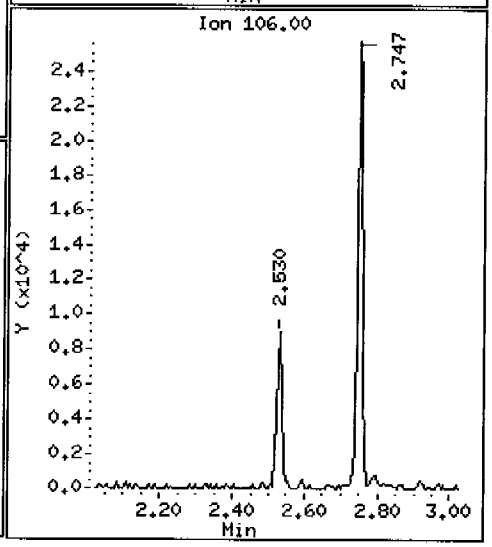


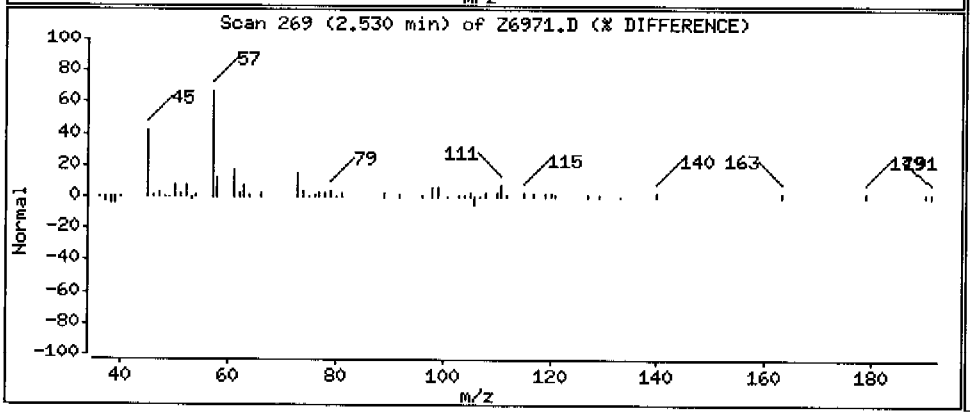












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0

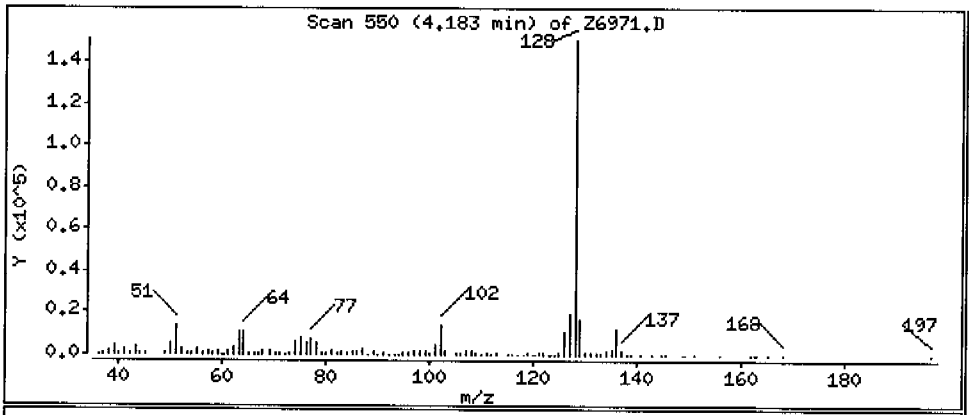
Operator: m.eastman

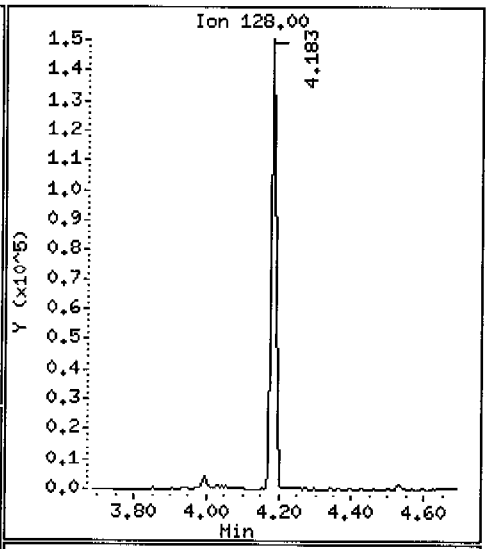
Column phase: RTX-5

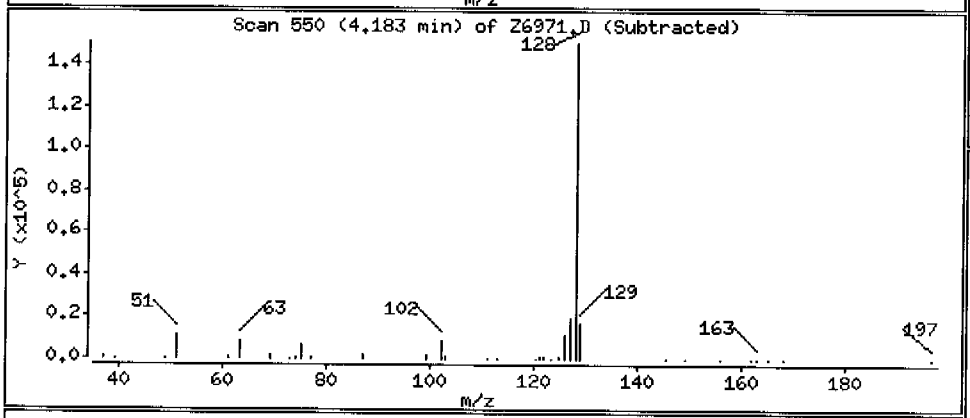
Column diameter: 0.25

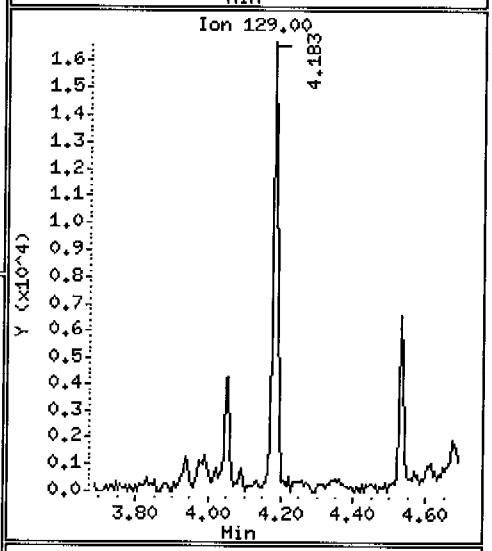
30 Naphthalene

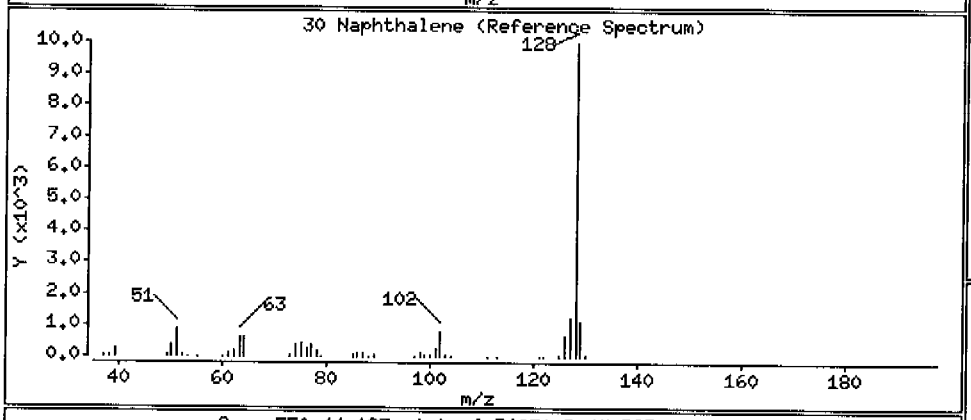
Concentration: 48 ug/Kg

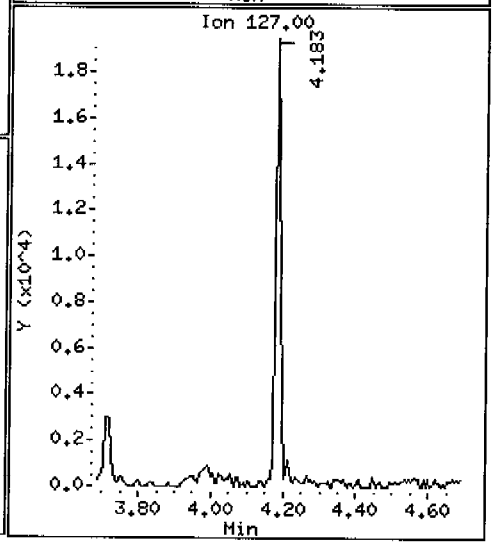


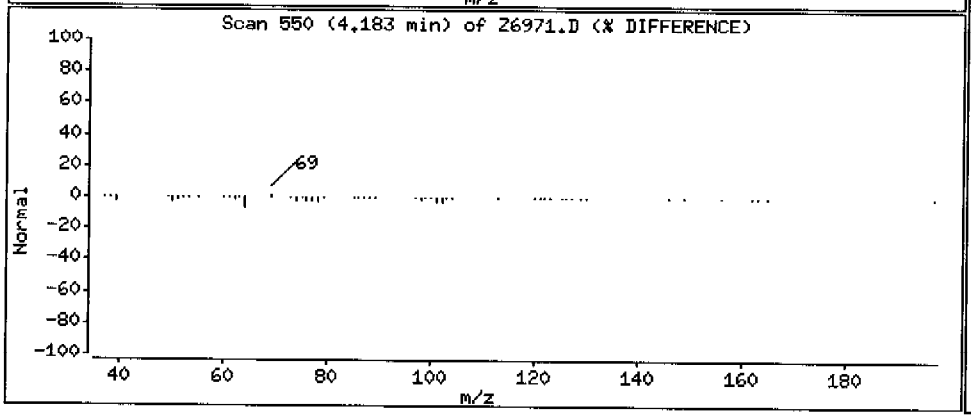












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0

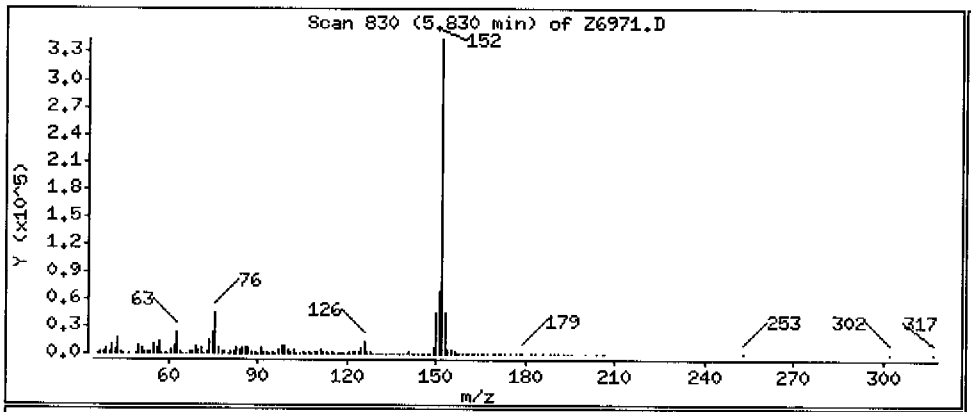
Operator: m.eastman

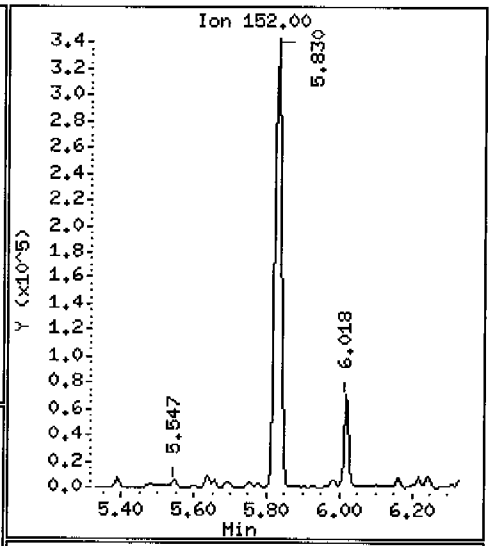
Column phase: RTX-5

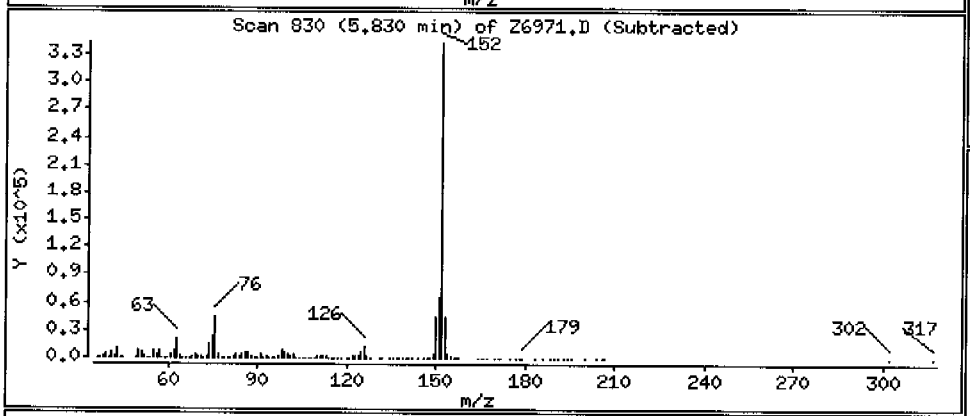
Column diameter: 0.25

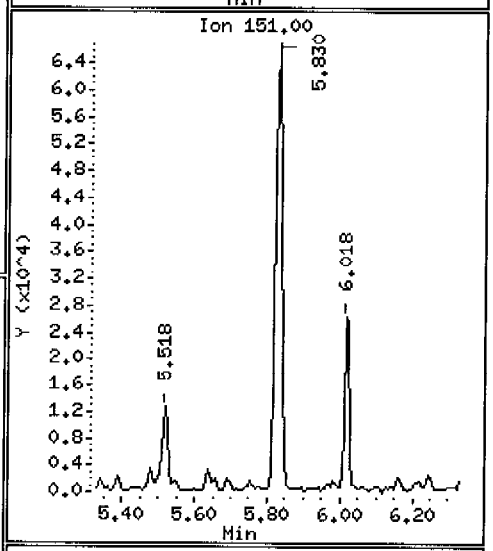
43 Acenaphthylene

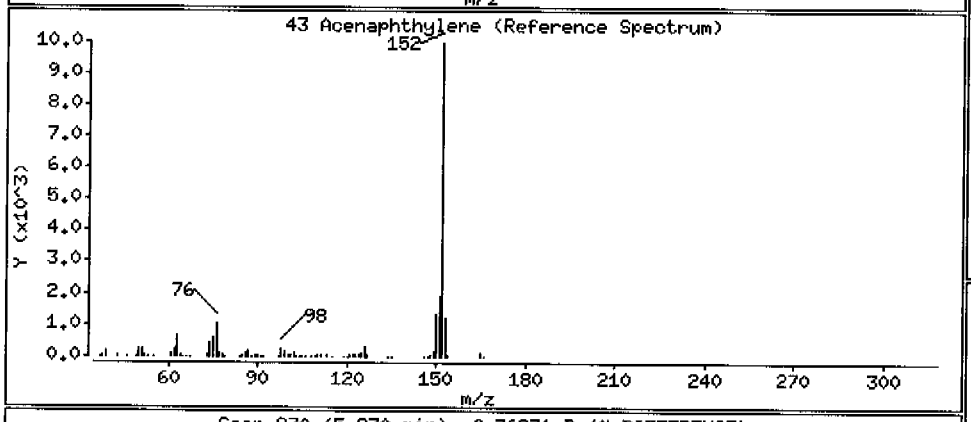
Concentration: 140 ug/Kg

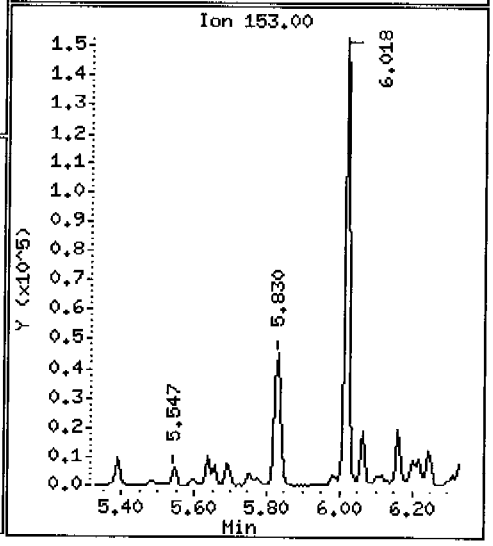


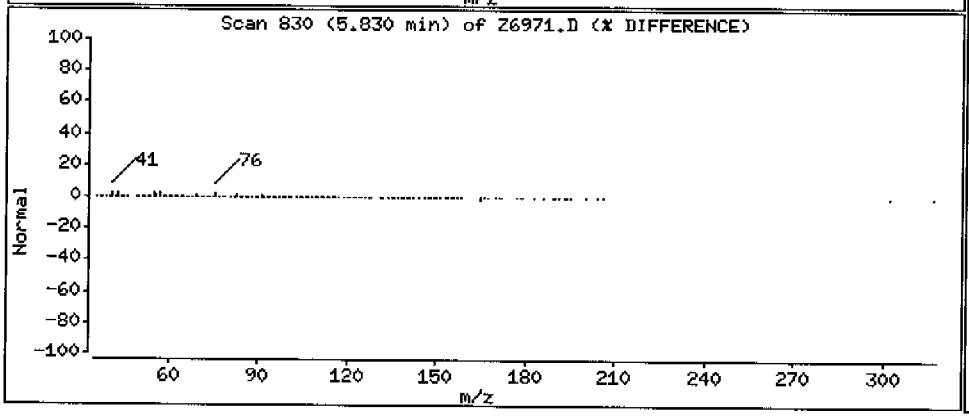












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0

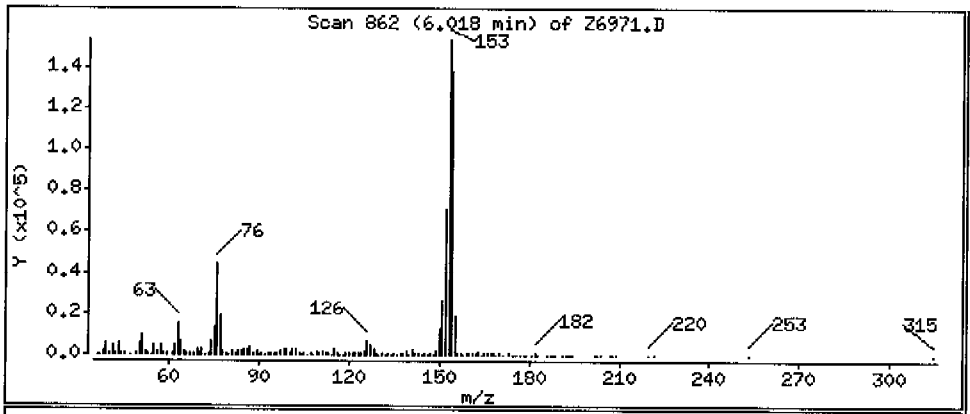
Operator: m.eastman

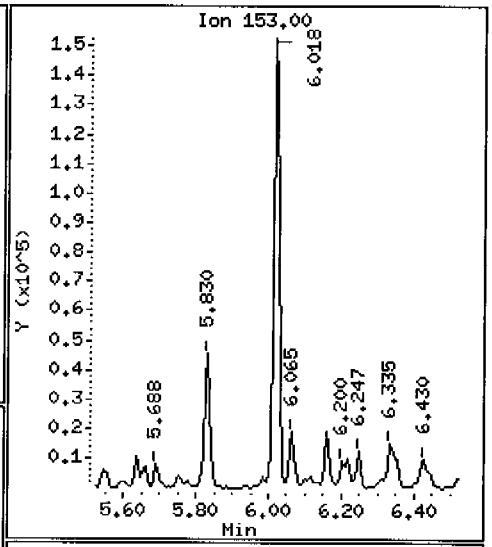
Column phase: RTX-5

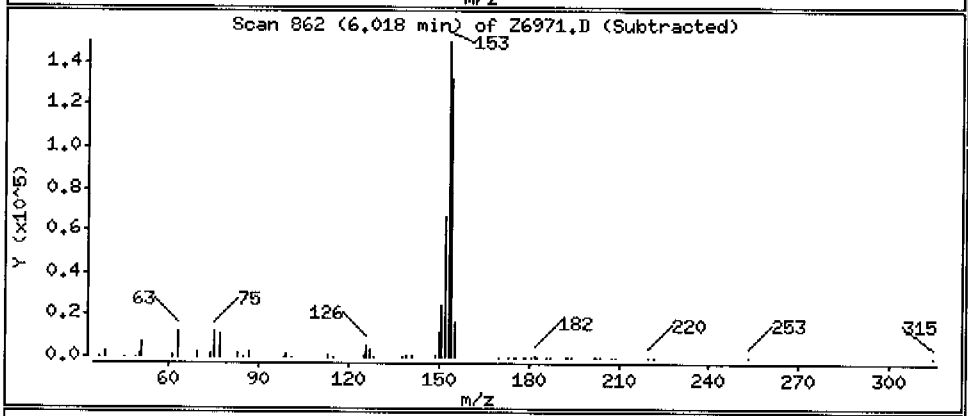
Column diameter: 0.25

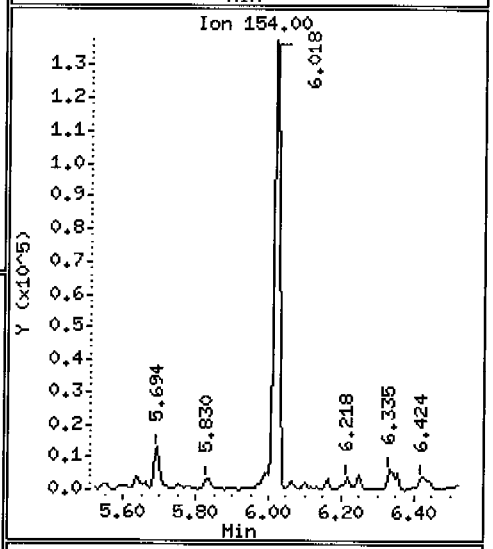
46 Acenaphthene

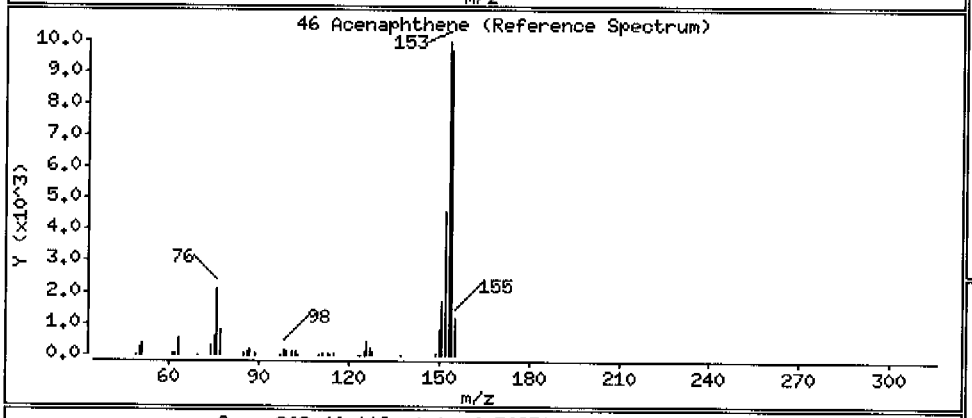
Concentration: 88 ug/Kg

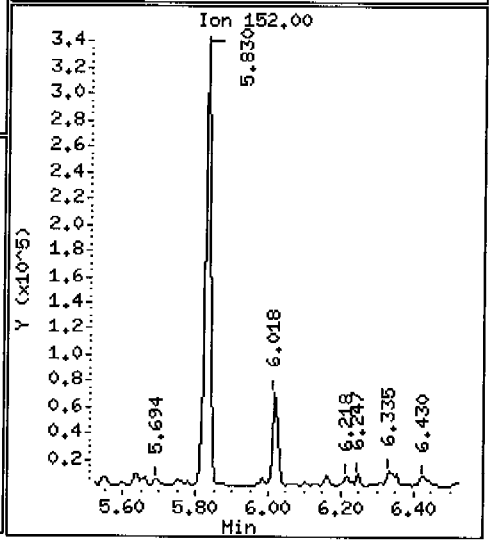


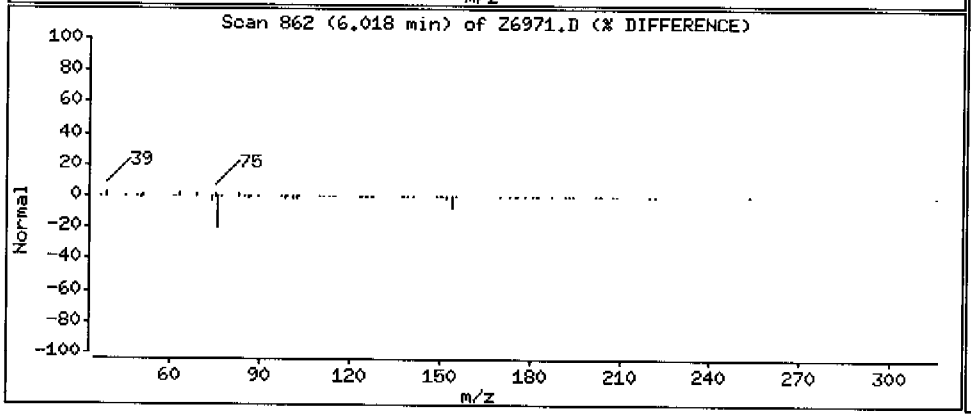












Data File: \\Target1_ot\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0

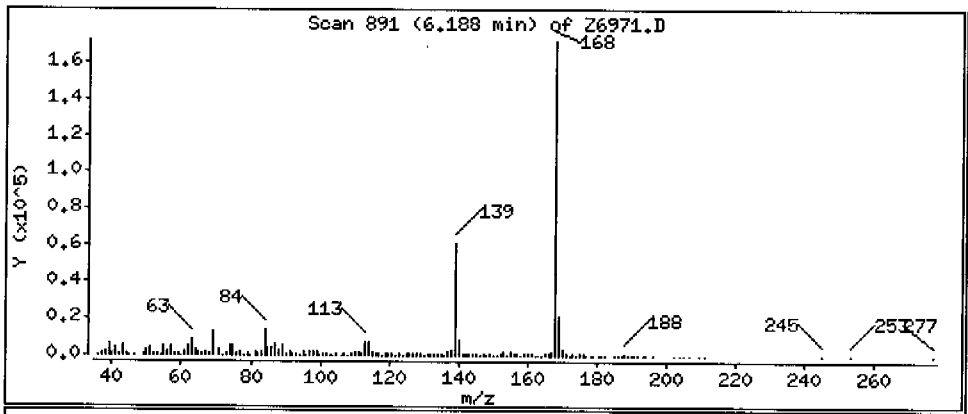
Operator: m.eastman

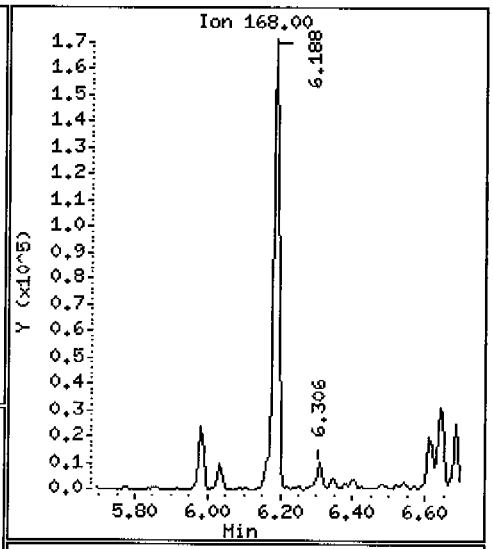
Column phase: RTX-5

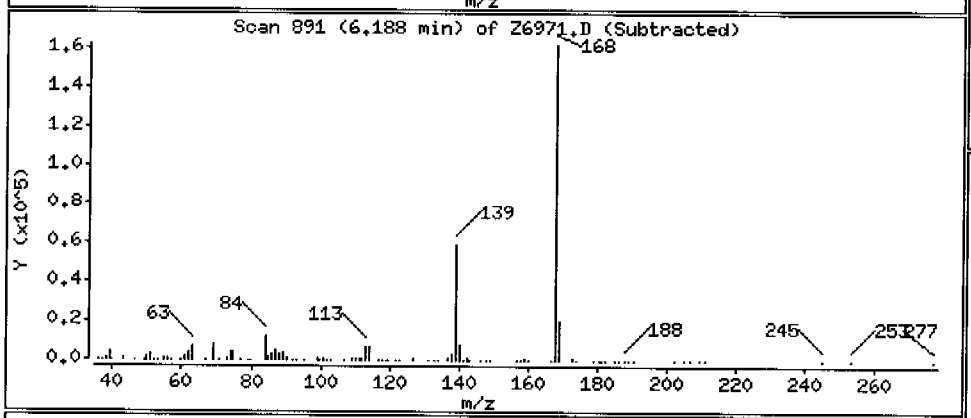
Column diameter: 0.25

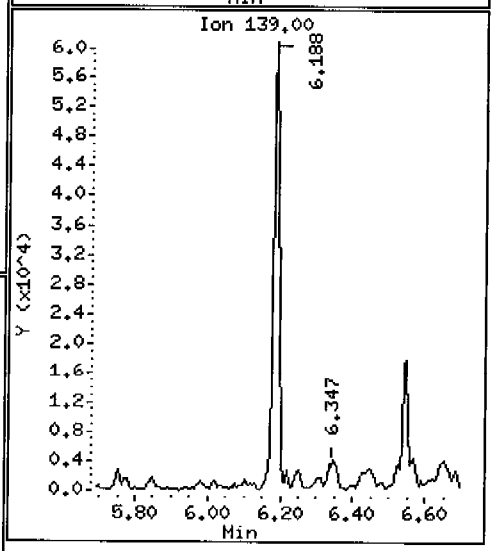
49 Dibenzofuran

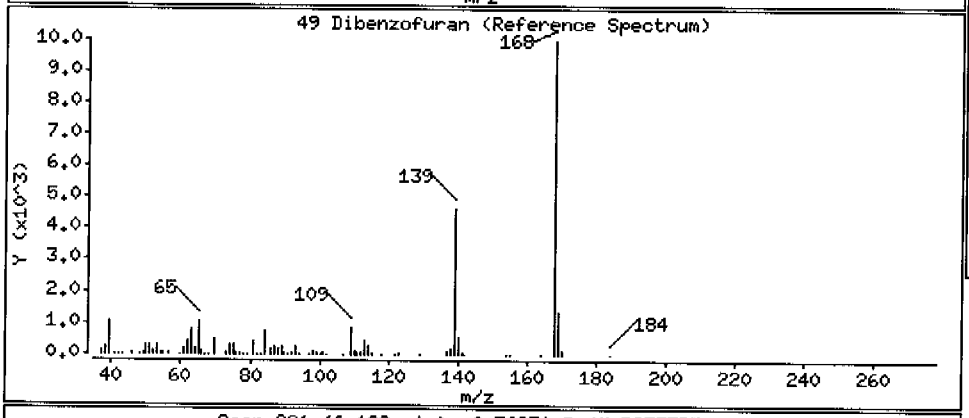
Concentration: 70 ug/Kg

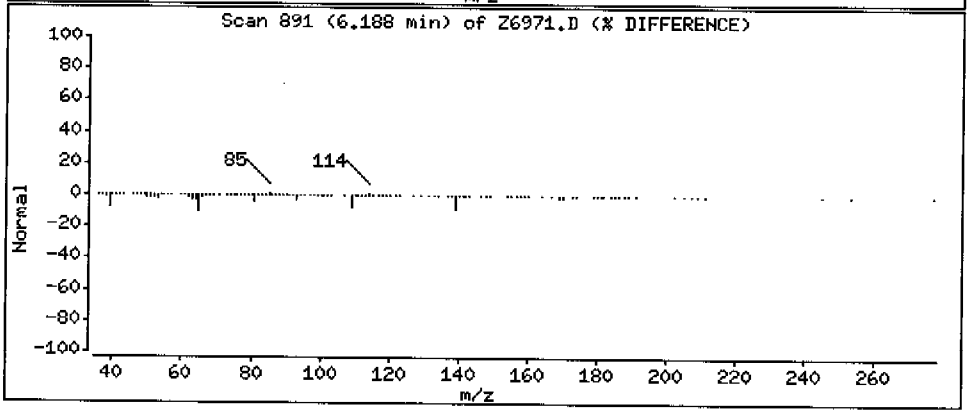












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0

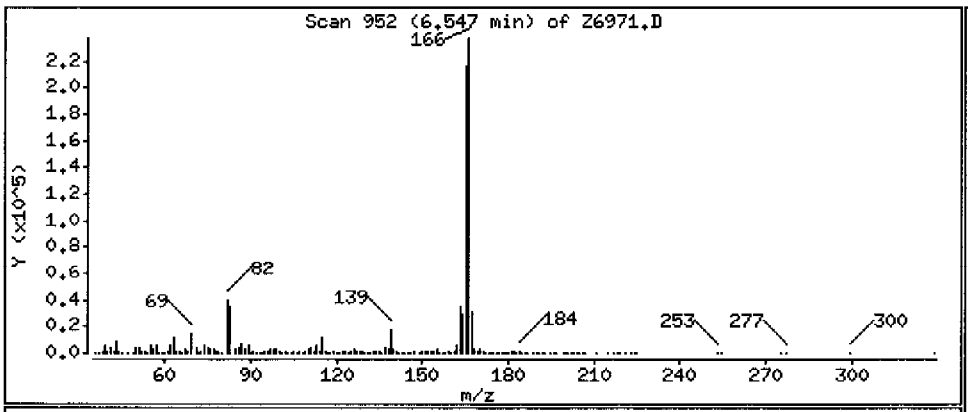
Operator: m.eastman

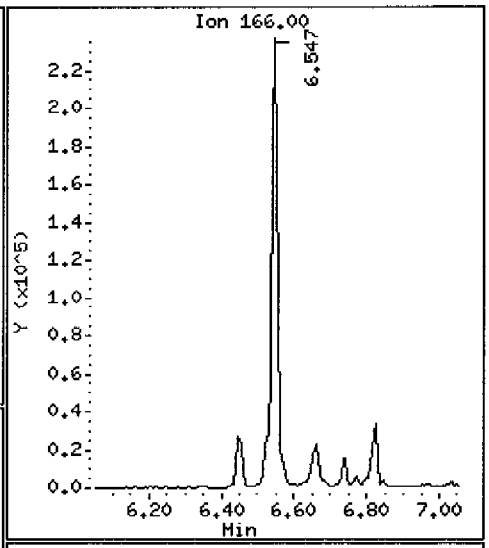
Column phase: RTX-5

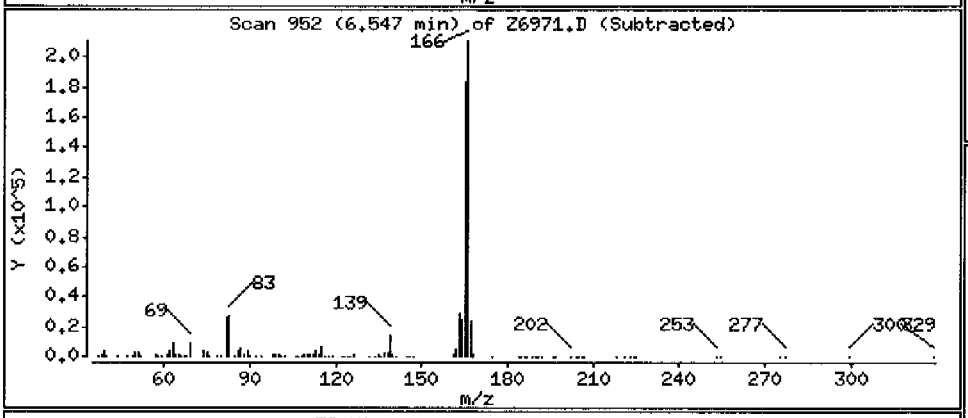
Column diameter: 0.25

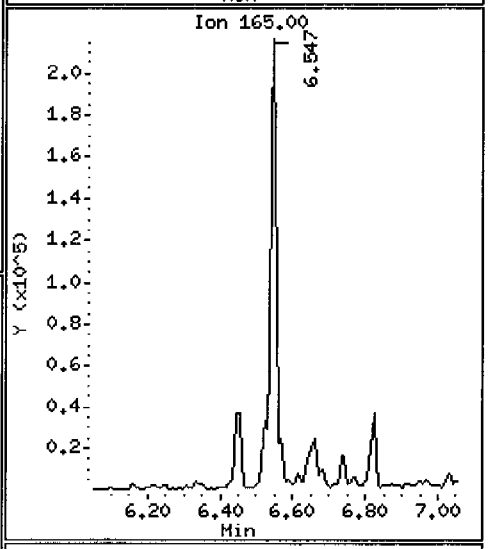
52 Fluorene

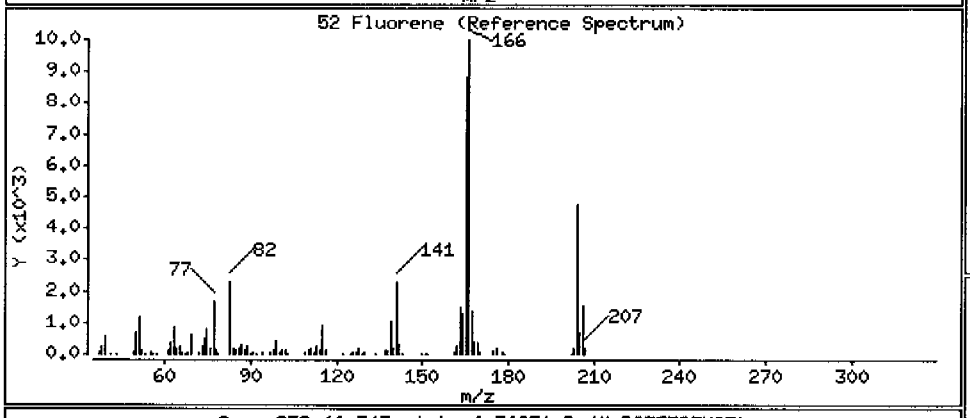
Concentration: 130 ug/Kg

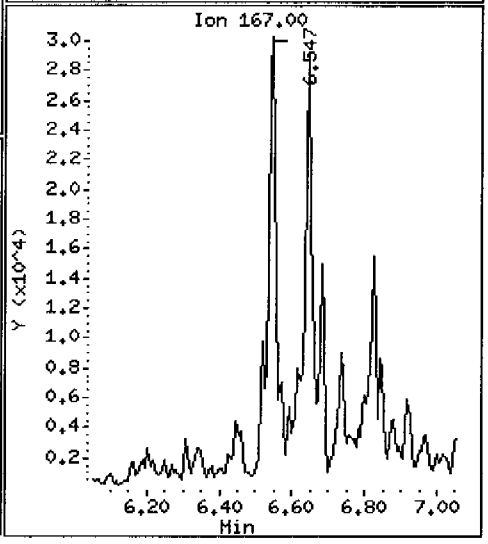


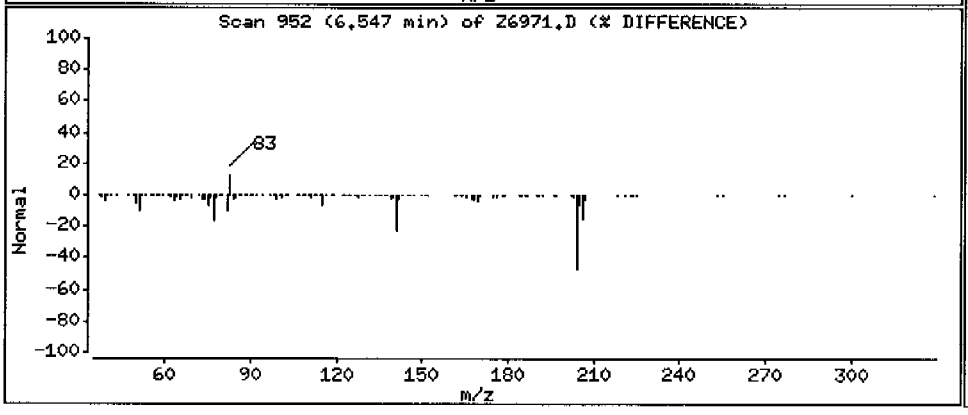












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0

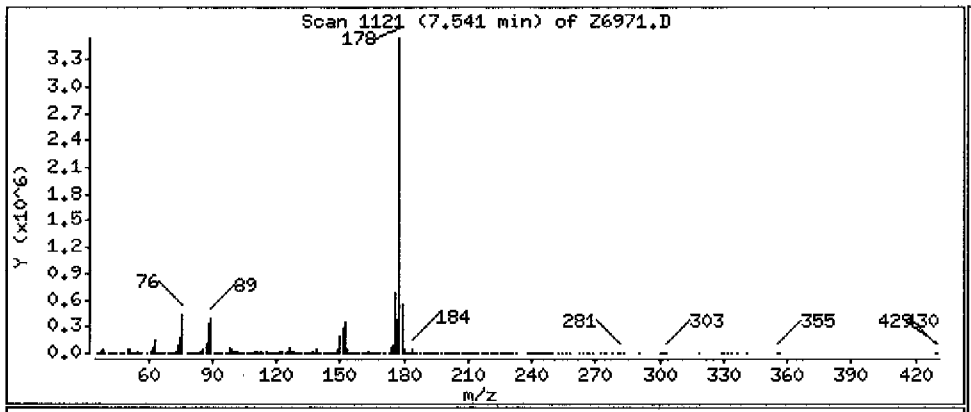
Operator: m.eastman

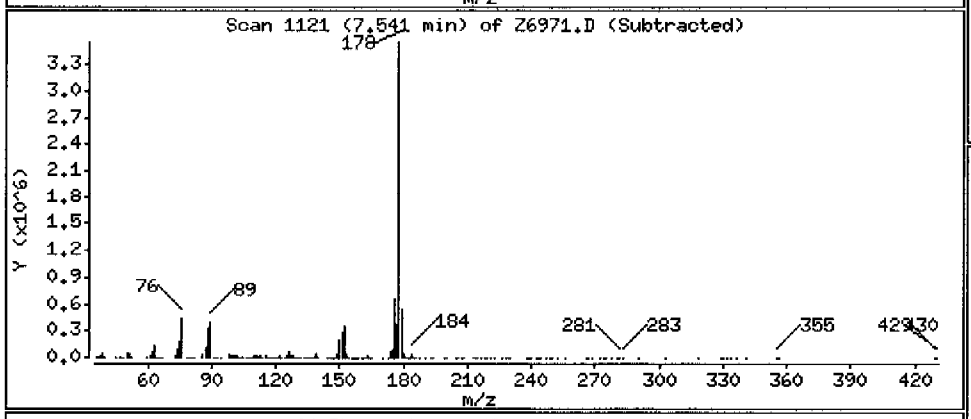
Column phase: RTX-5

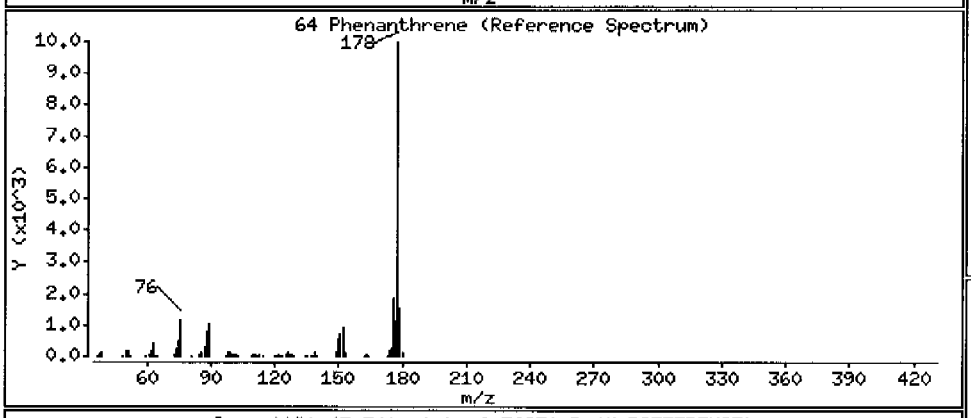
Column diameter: 0.25

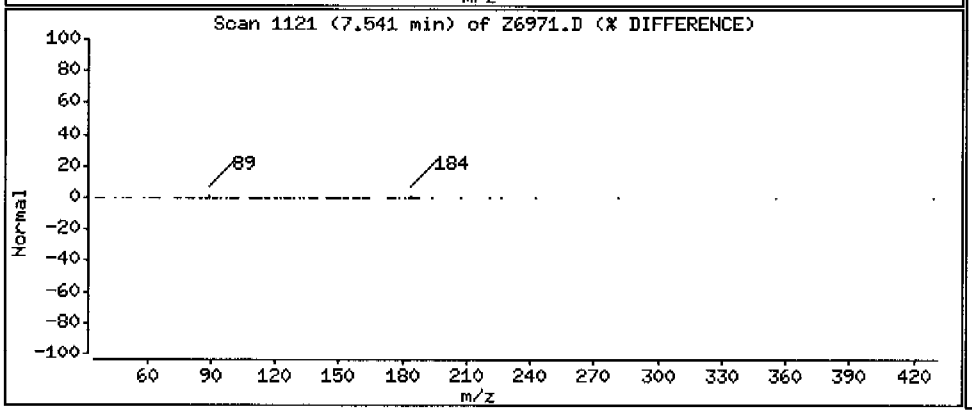
64 Phenanthrene

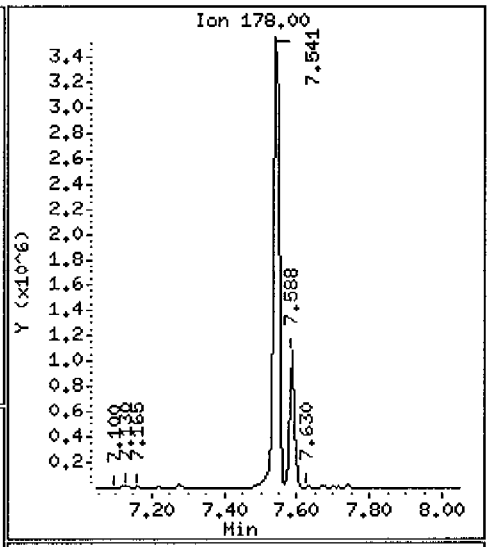
Concentration: 1600 ug/Kg

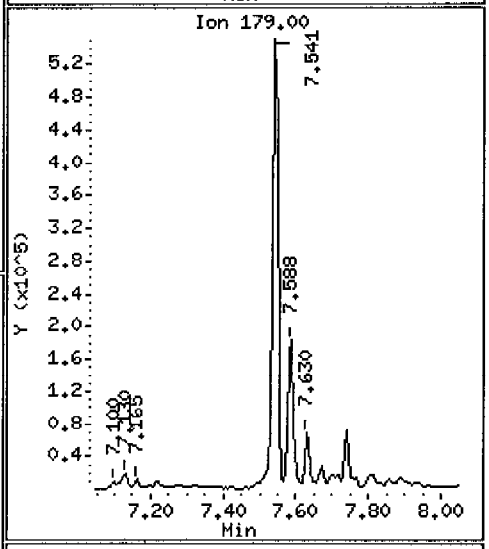


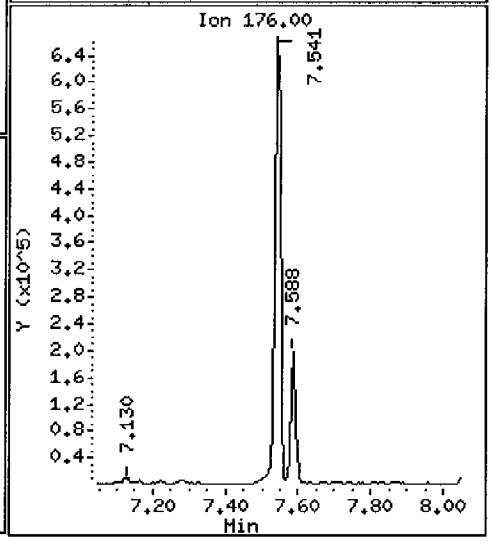












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0

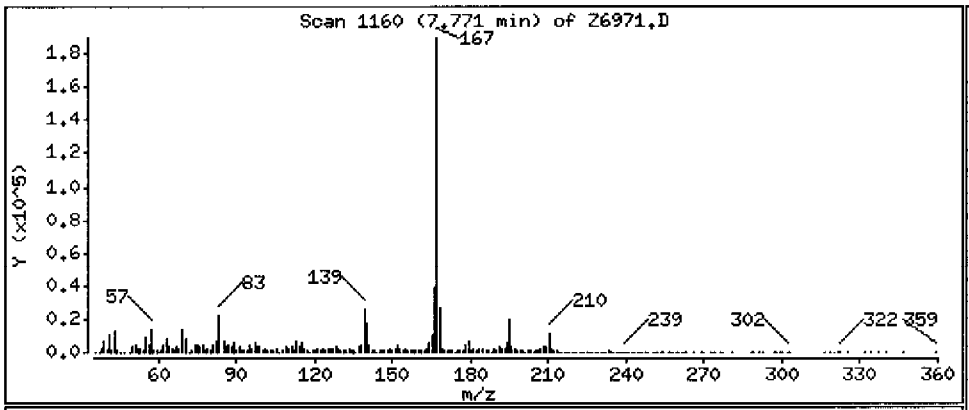
Operator: m.eastman

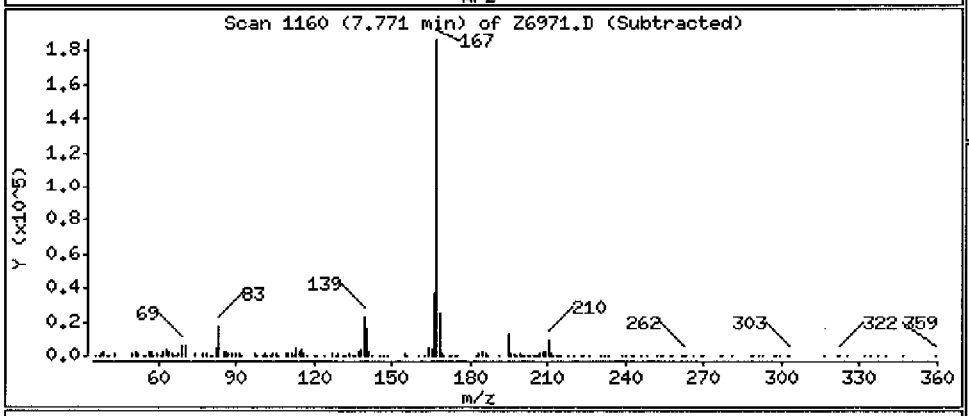
Column phase: RTX-5

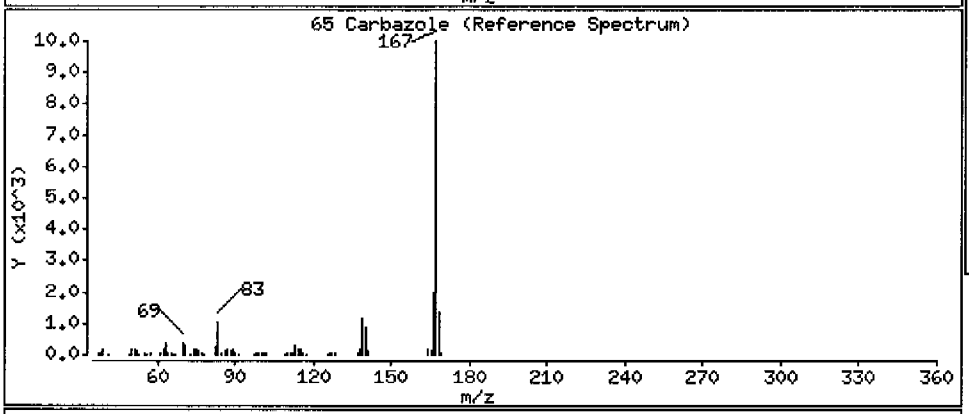
Column diameter: 0.25

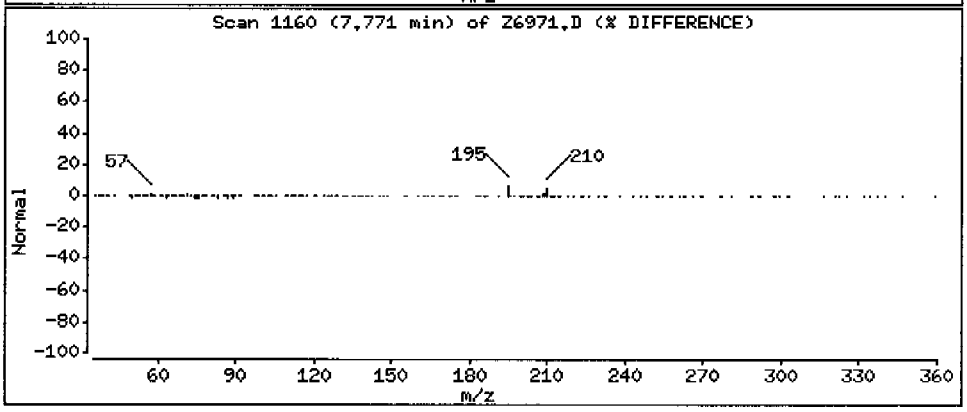
65 Carbazole

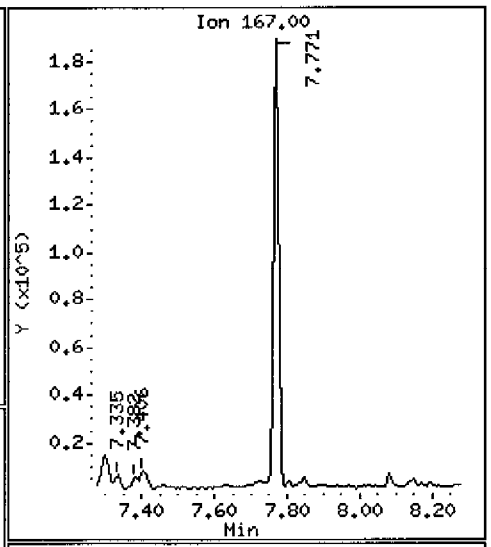
Concentration: 70 ug/Kg

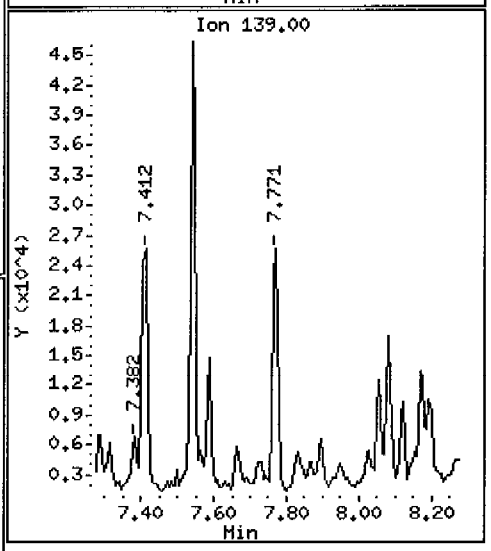












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0

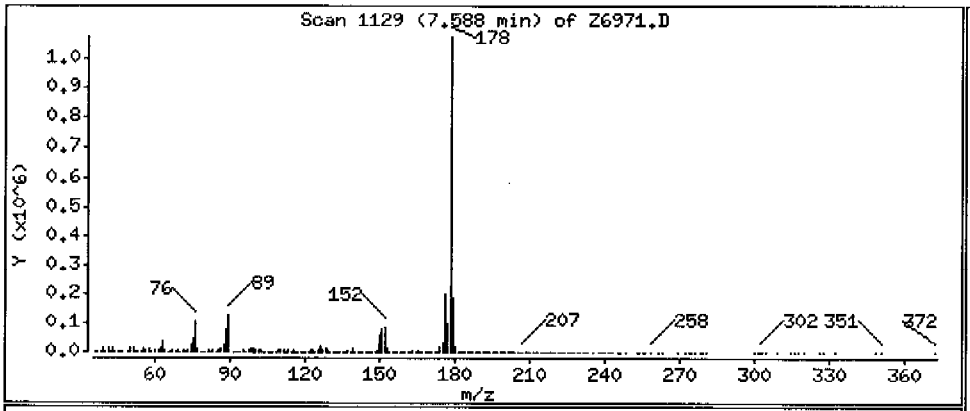
Operator: m.eastman

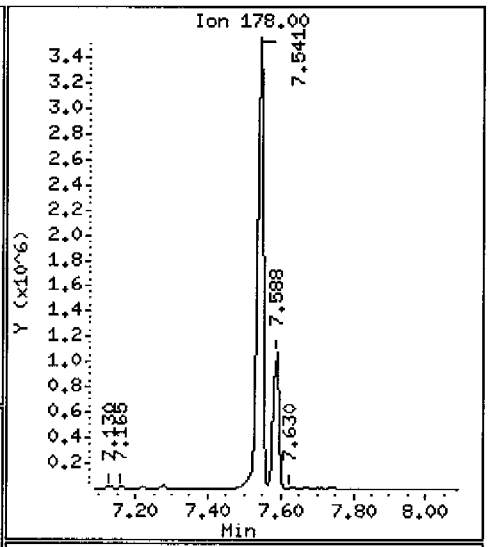
Column phase: RTX-5

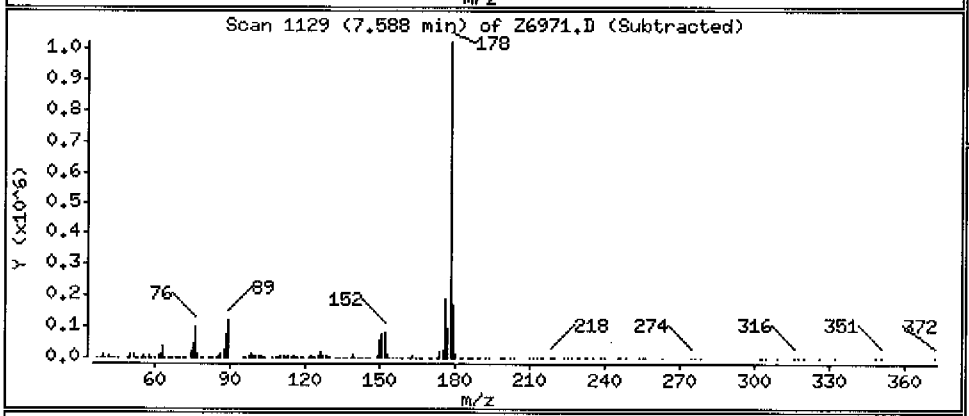
Column diameter: 0.25

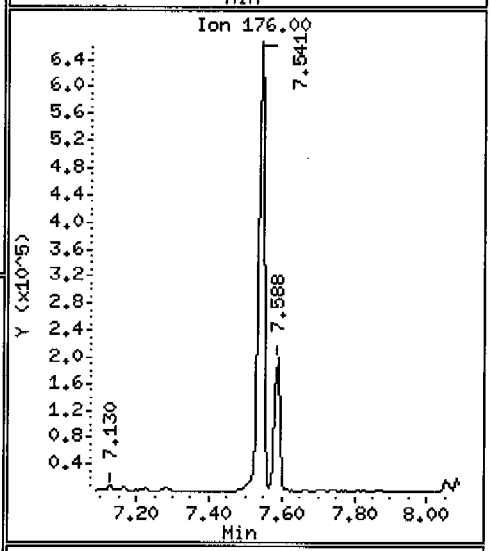
66 Anthracene

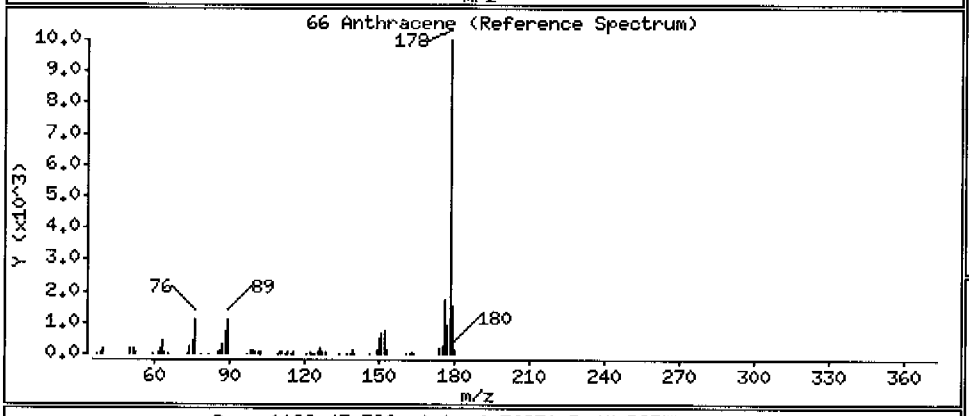
Concentration: 450 ug/Kg

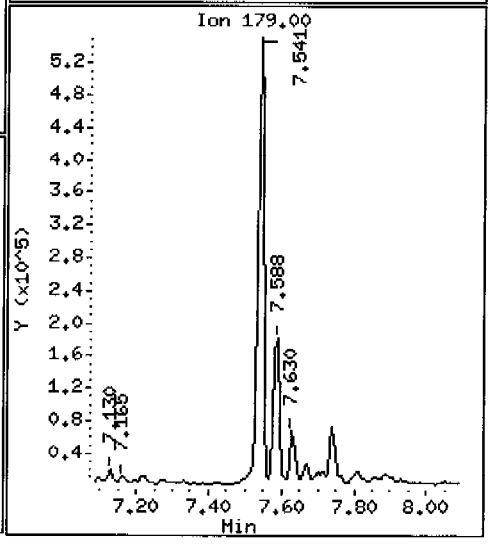


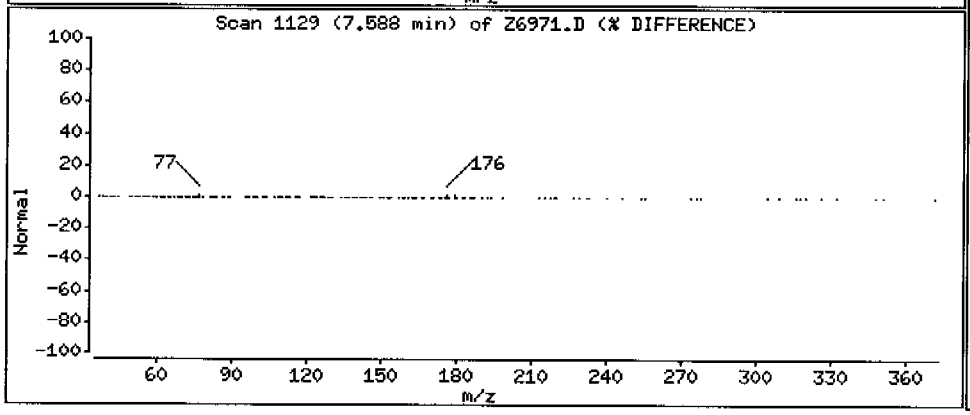












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0

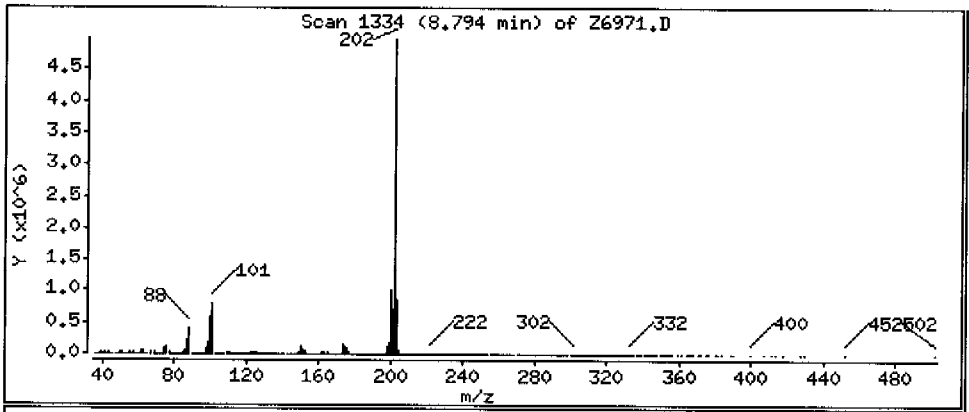
Operator: m.eastman

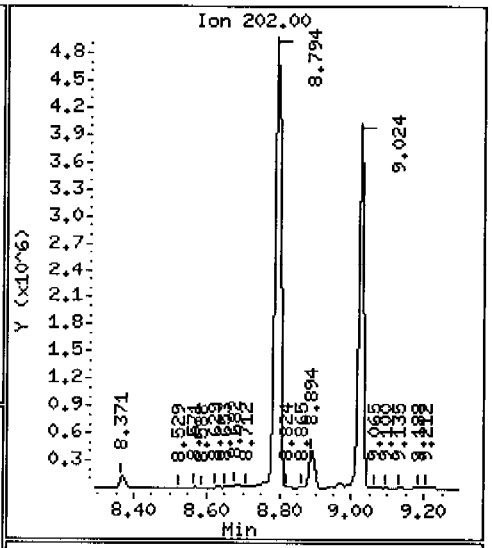
Column phase: RTX-5

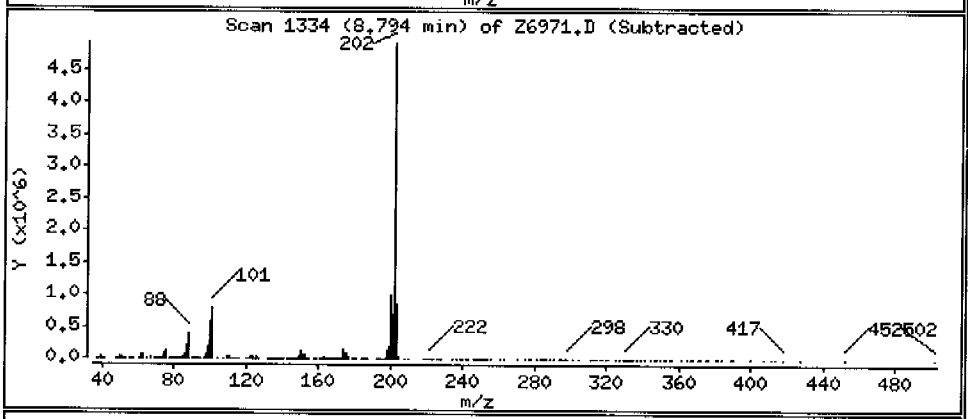
Column diameter: 0.25

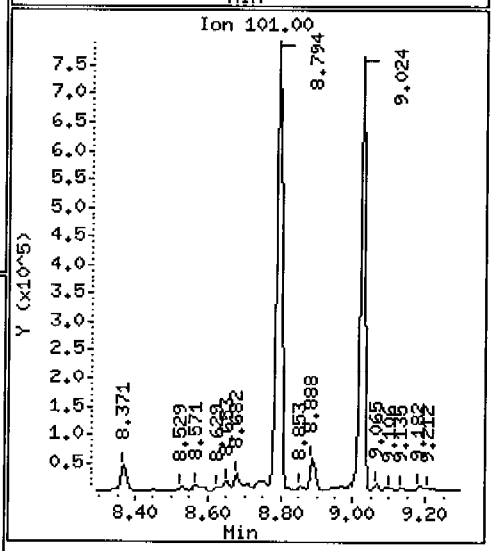
68 Fluoranthene

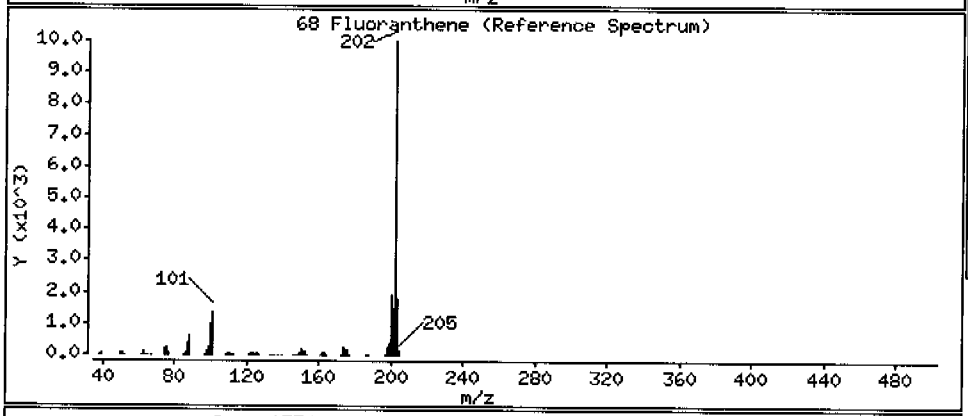
Concentration: 2200 ug/Kg

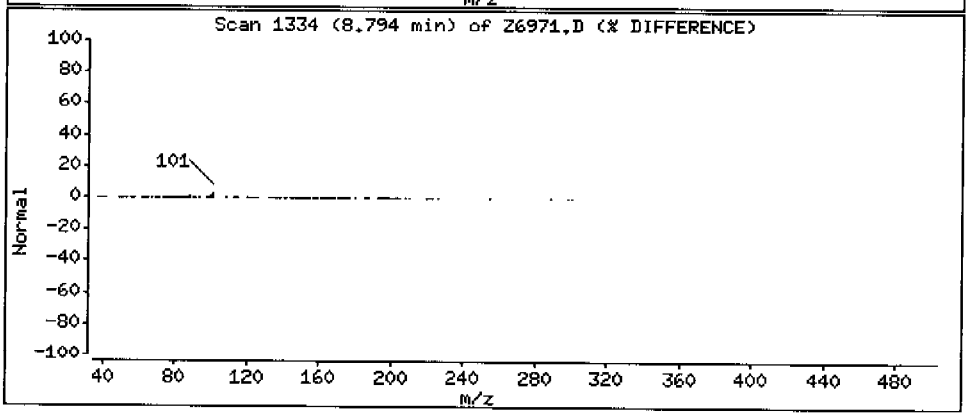












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0

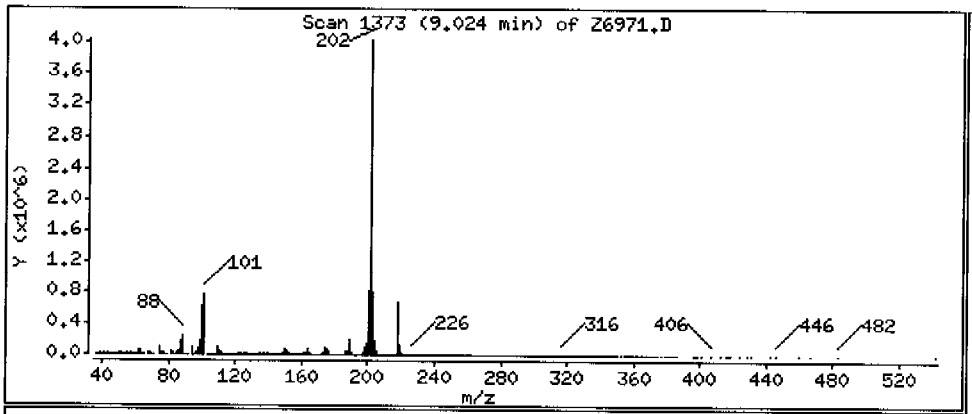
Operator: m.eastman

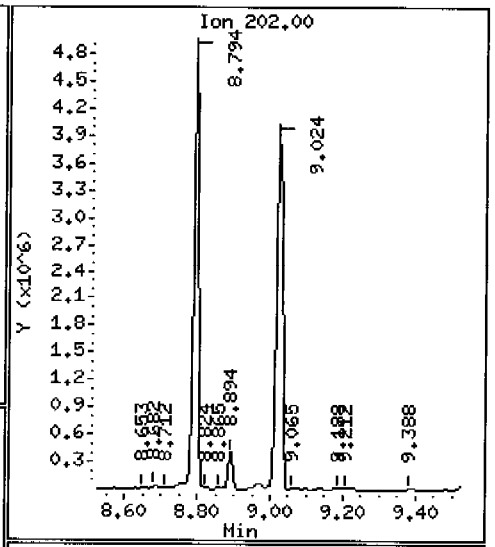
Column phase: RTX-5

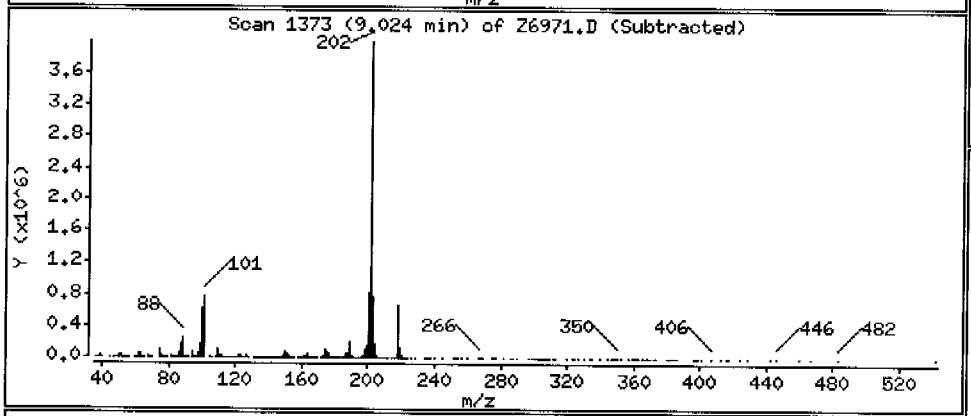
Column diameter: 0.25

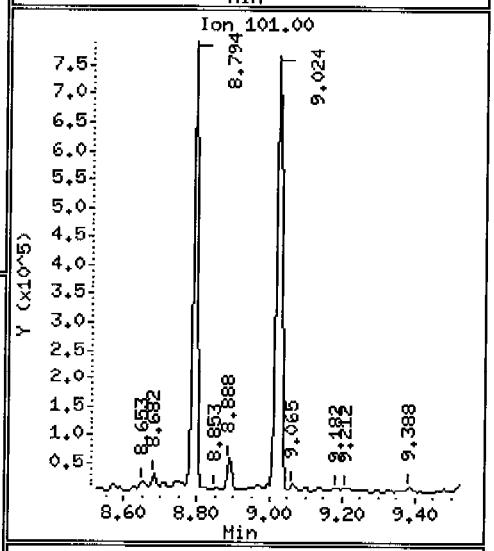
72 Pyrene

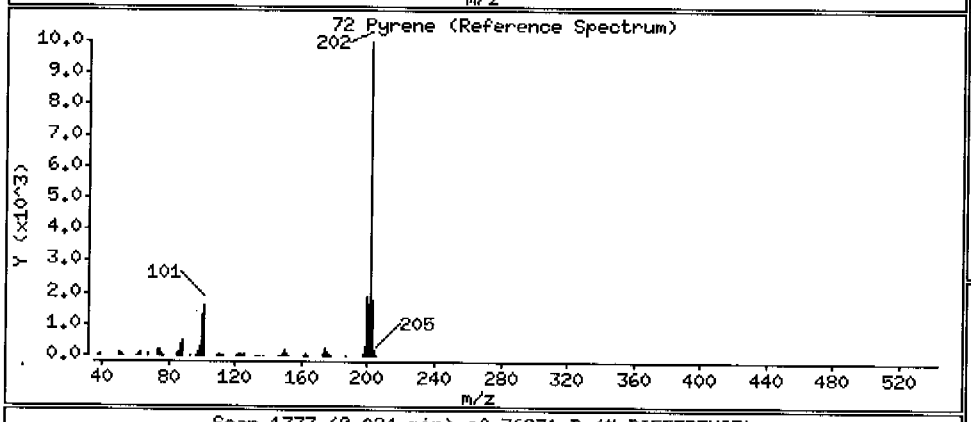
Concentration: 2300 ug/Kg

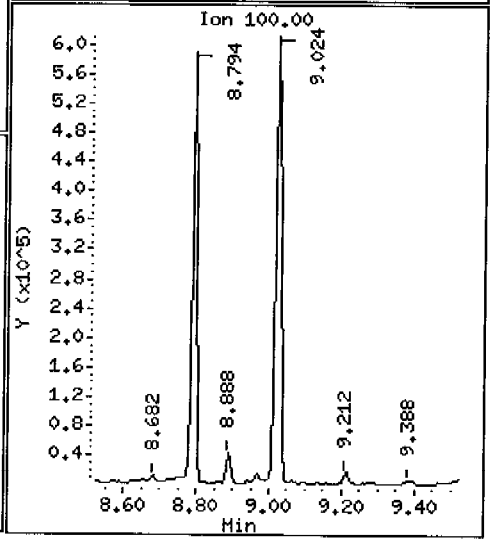


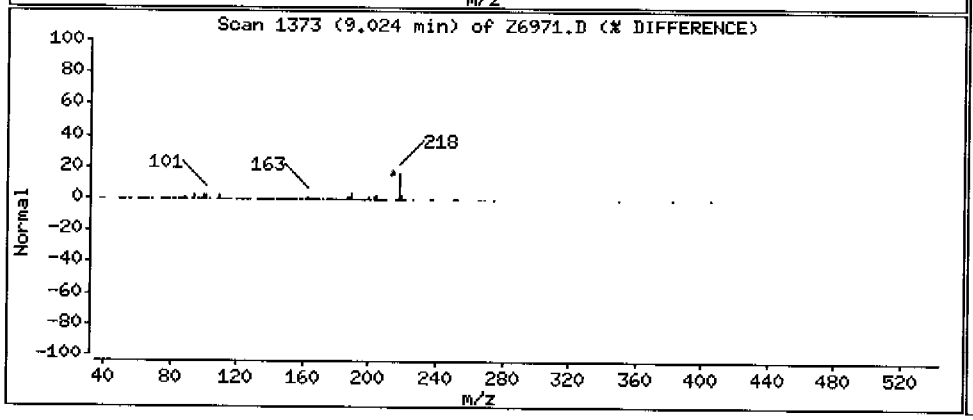












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0

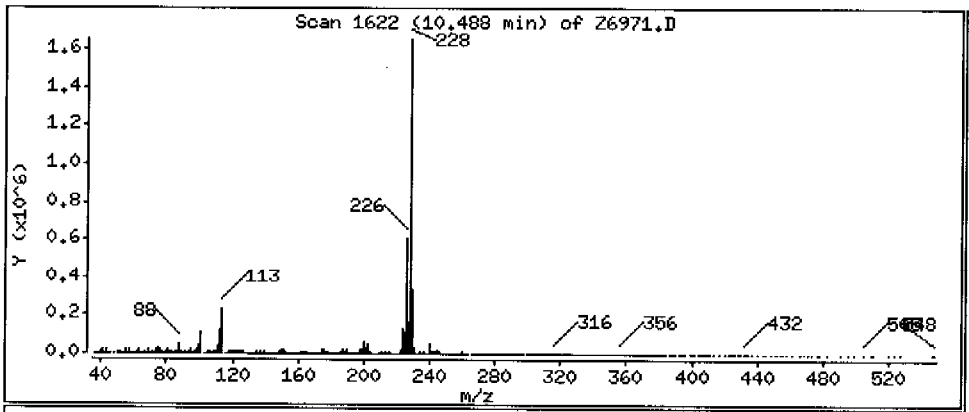
Operator: m.eastman

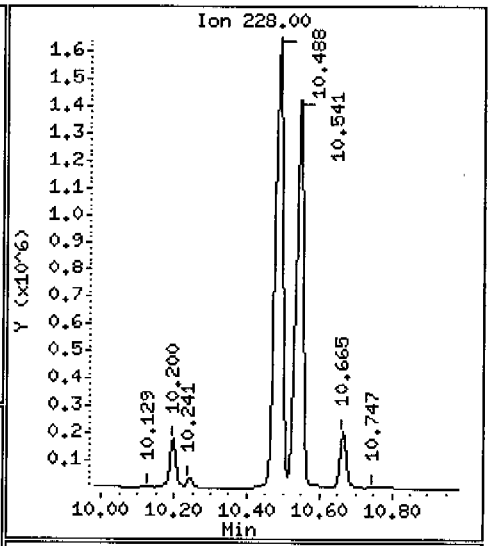
Column phase: RTX-5

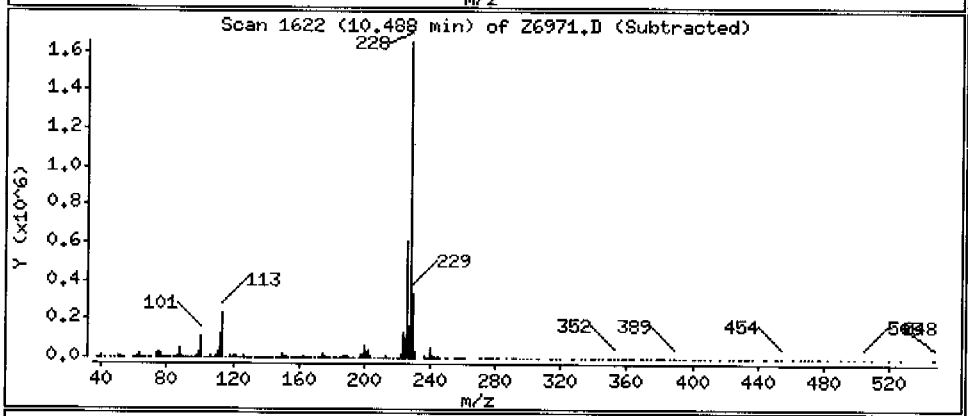
Column diameter: 0.25

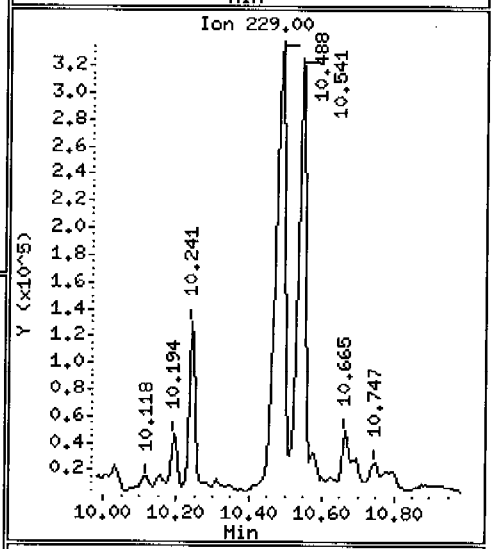
76 Benzo(a)anthracene

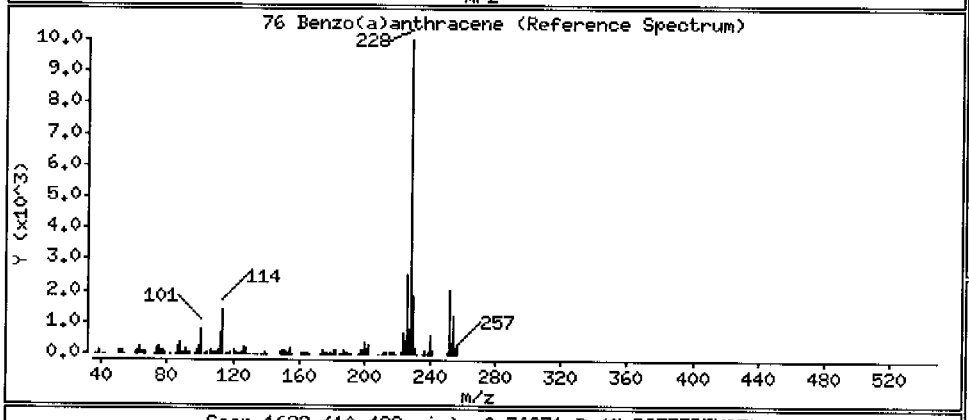
Concentration: 1800 ug/Kg

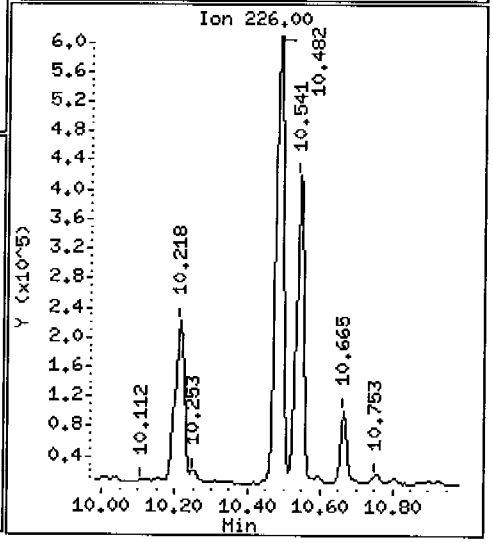


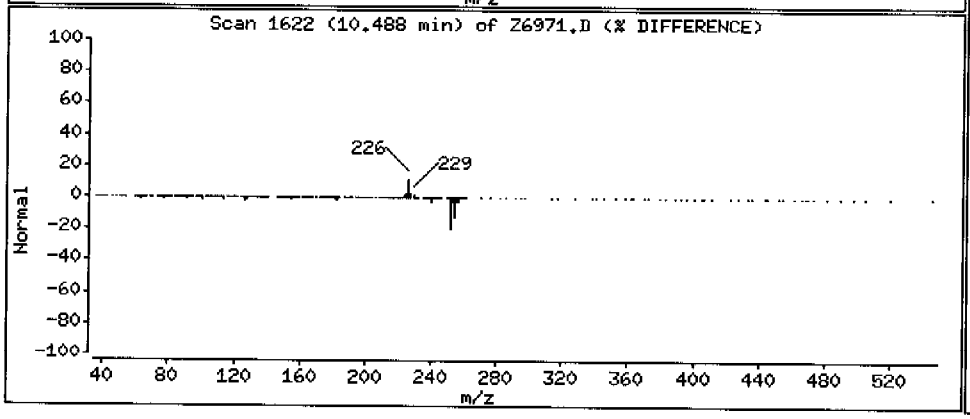












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0

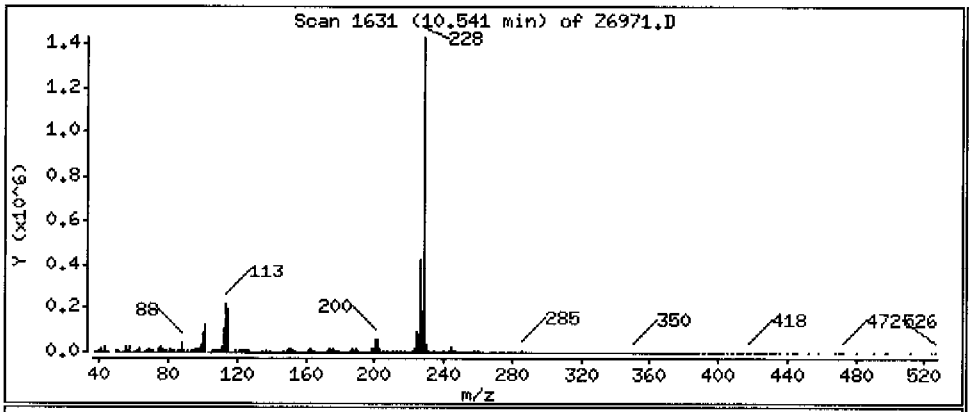
Operator: m.eastman

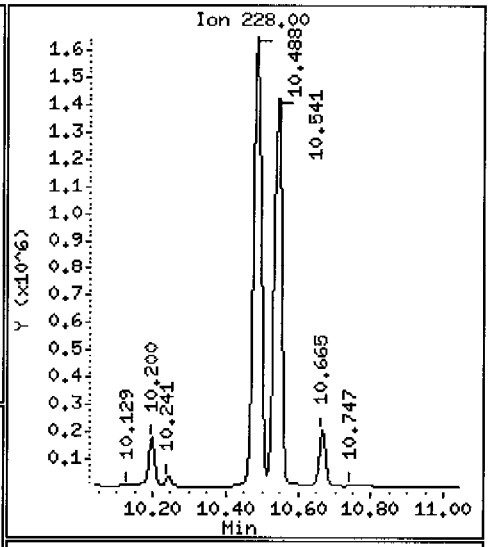
Column phase: RTX-5

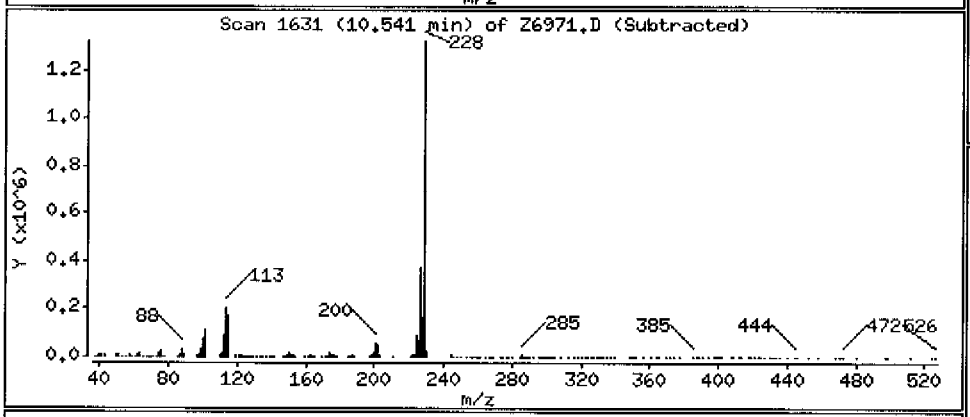
Column diameter: 0.25

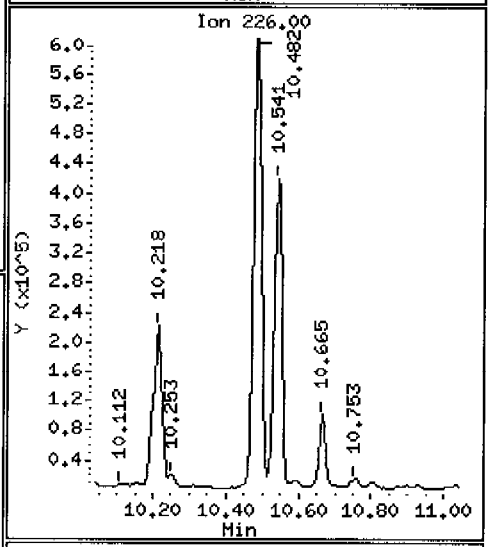
77 Chrysene

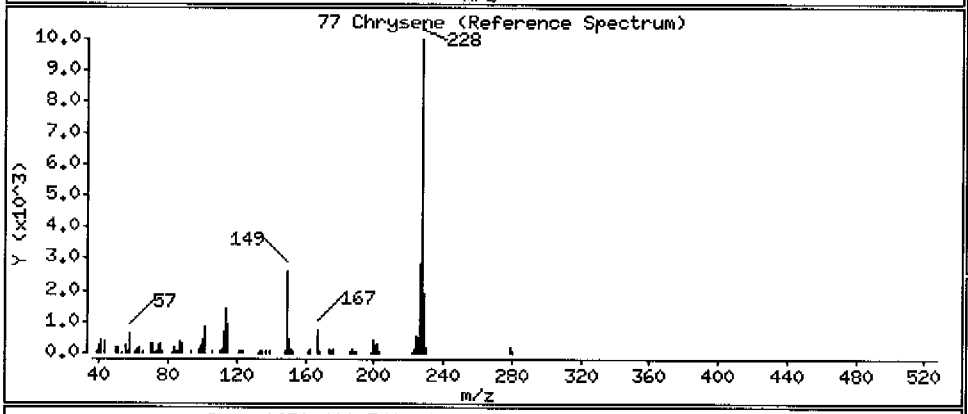
Concentration: 1600 ug/Kg

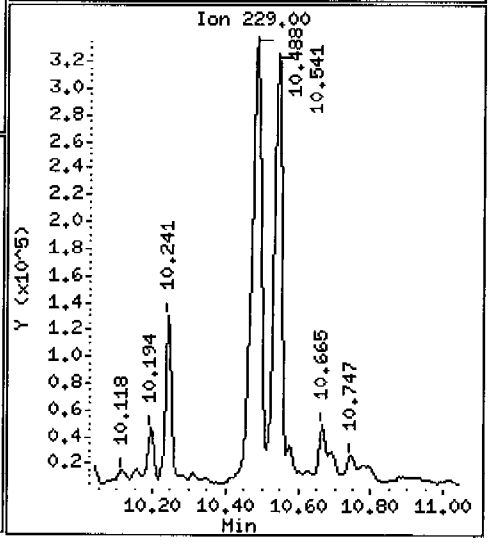


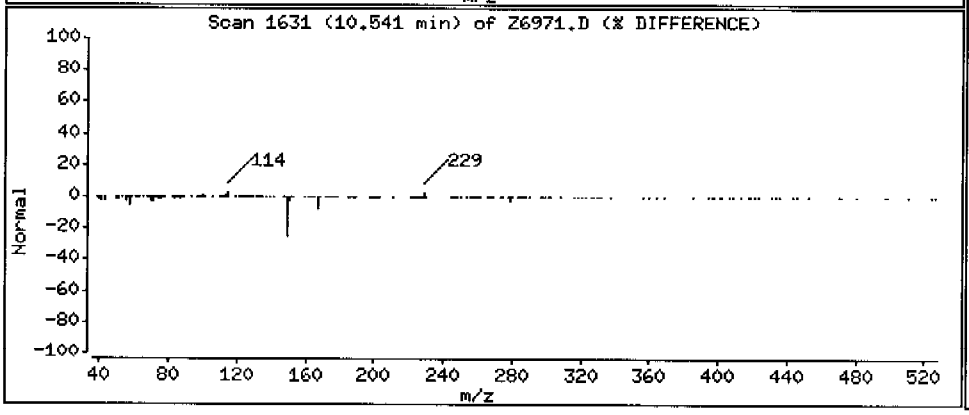












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0

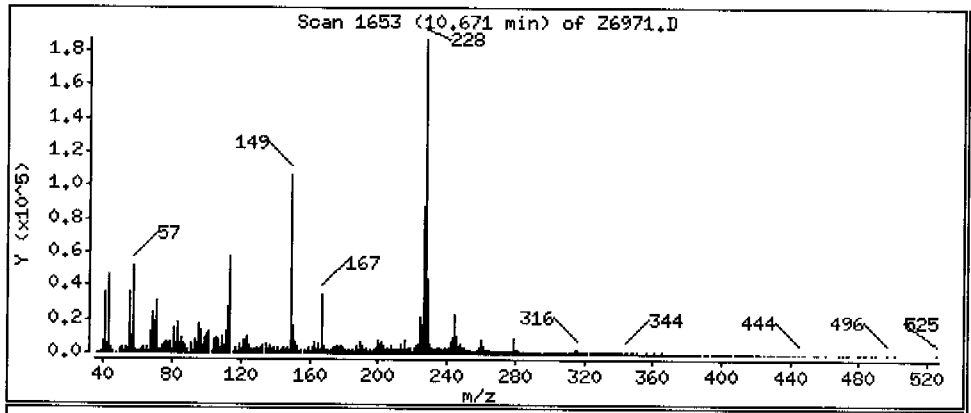
Operator: m.eastman

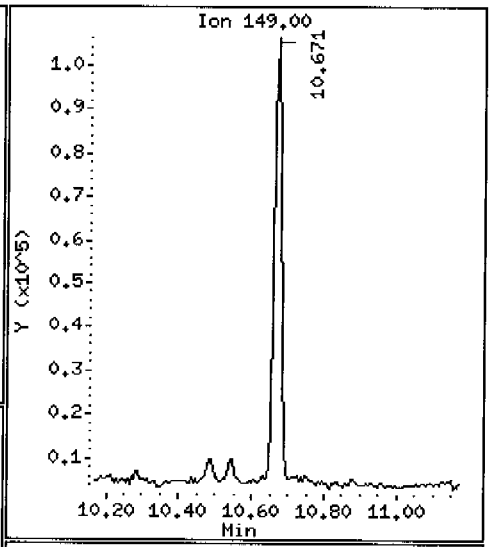
Column phase: RTX-5

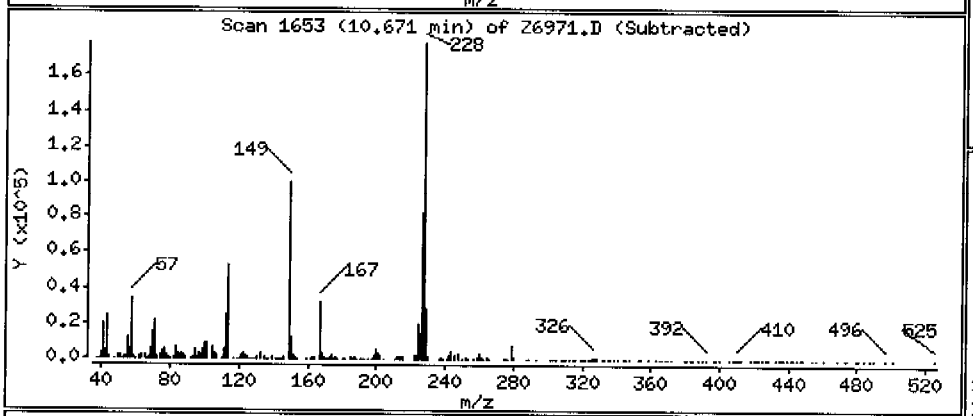
Column diameter: 0.25

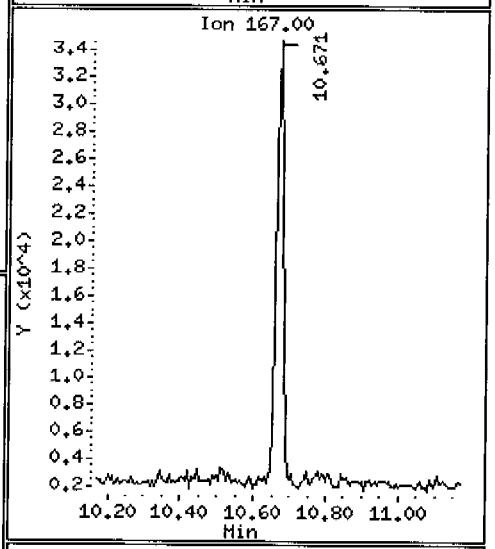
78 Bis(2-Ethylhexyl)phthalate

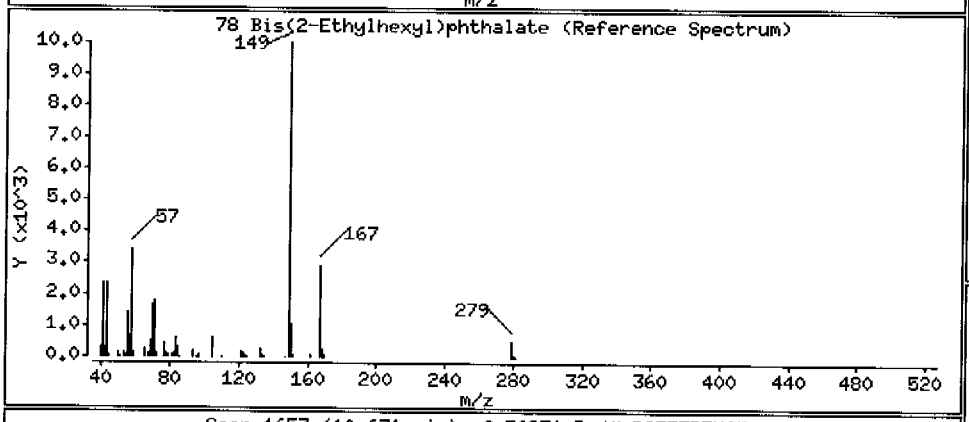
Concentration: 140 ug/Kg

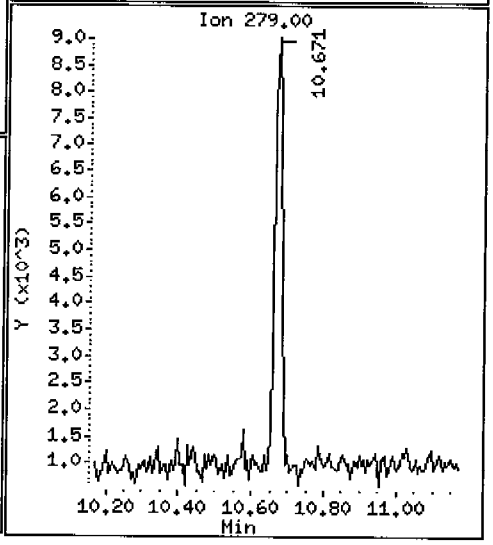


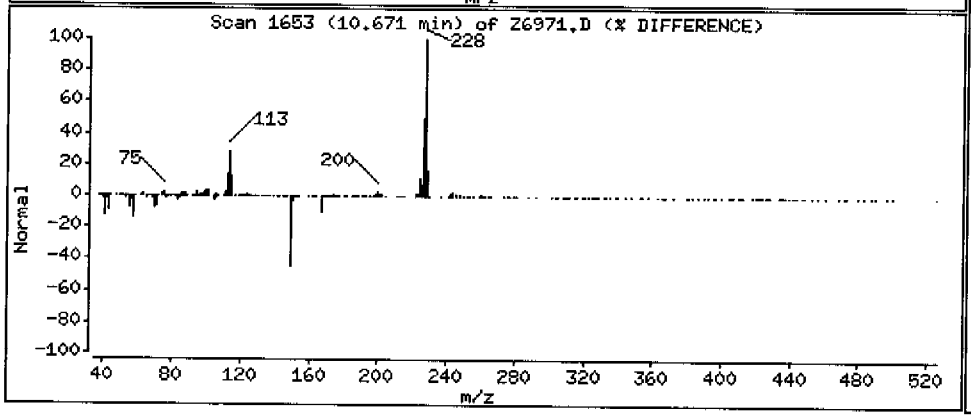












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0

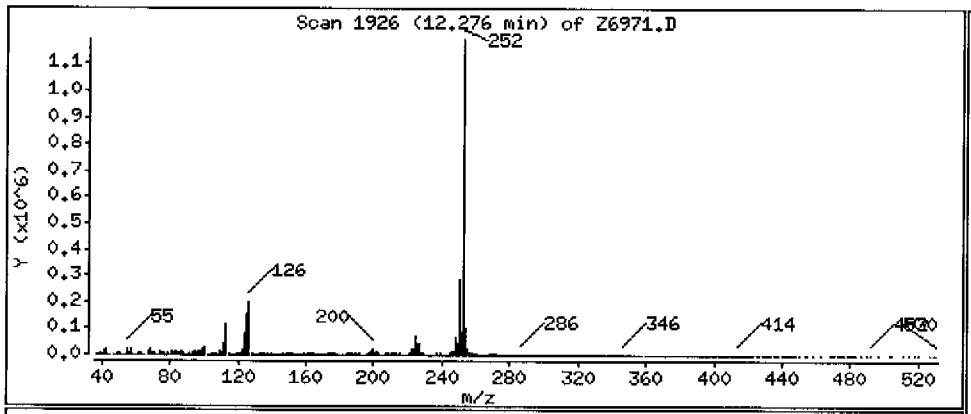
Operator: m.eastman

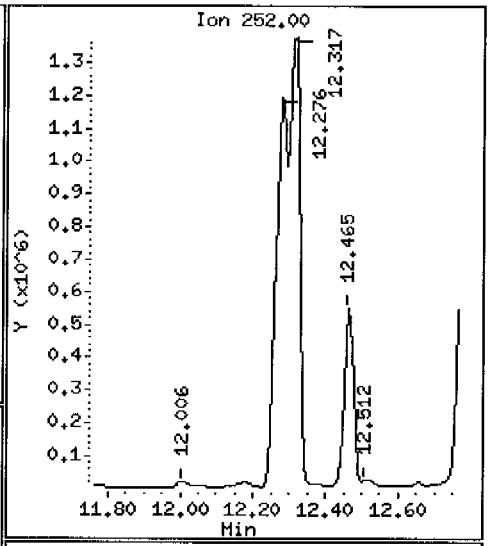
Column phase: RTX-5

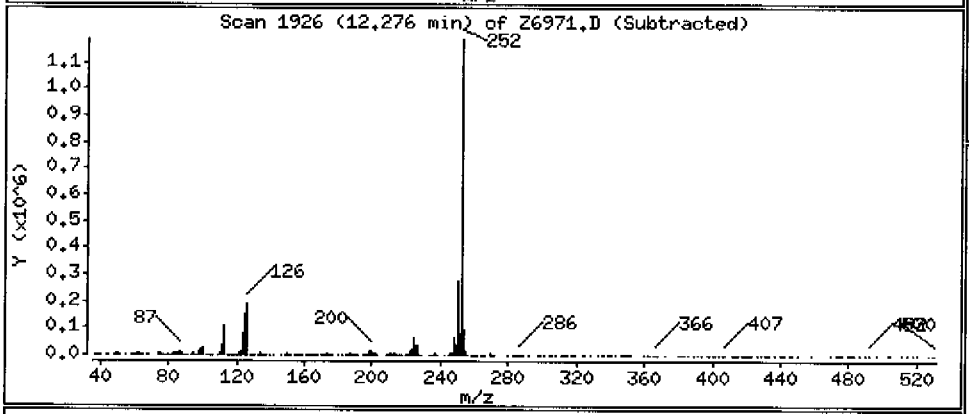
Column diameter: 0.25

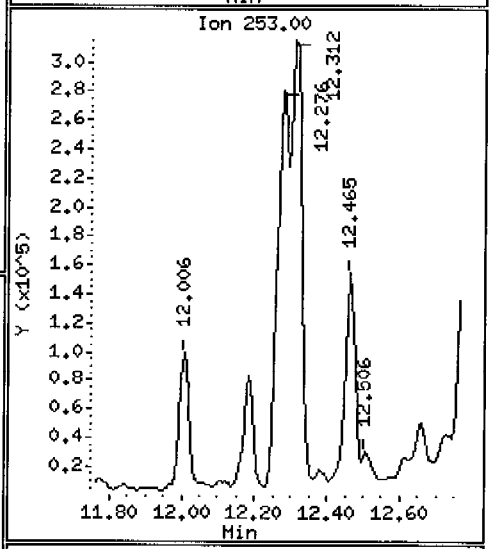
81 Benzo(b)fluoranthene

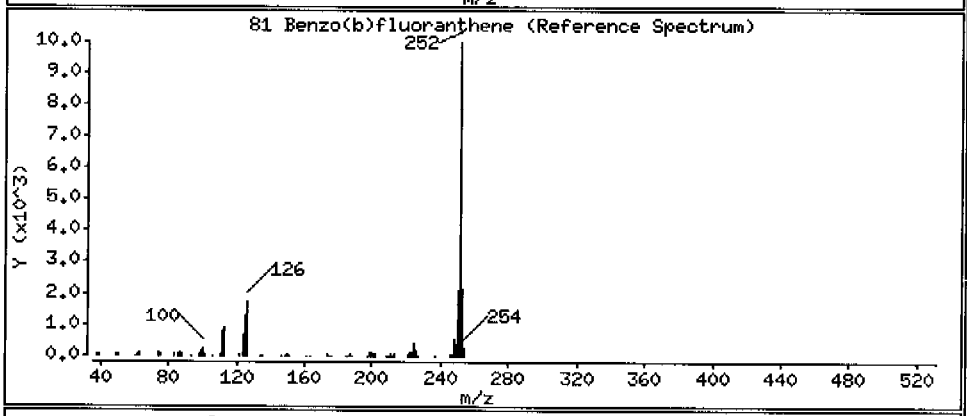
Concentration: 1100 ug/Kg

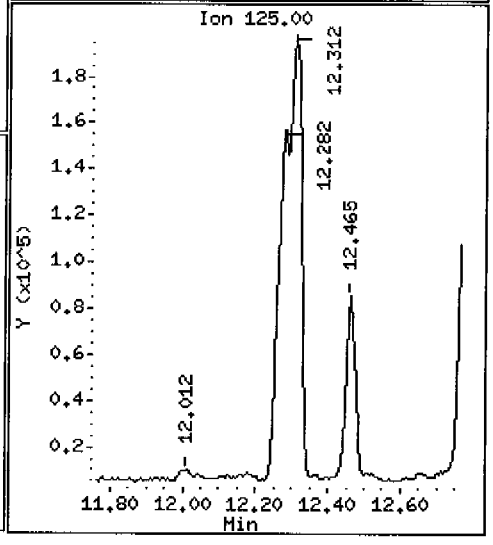


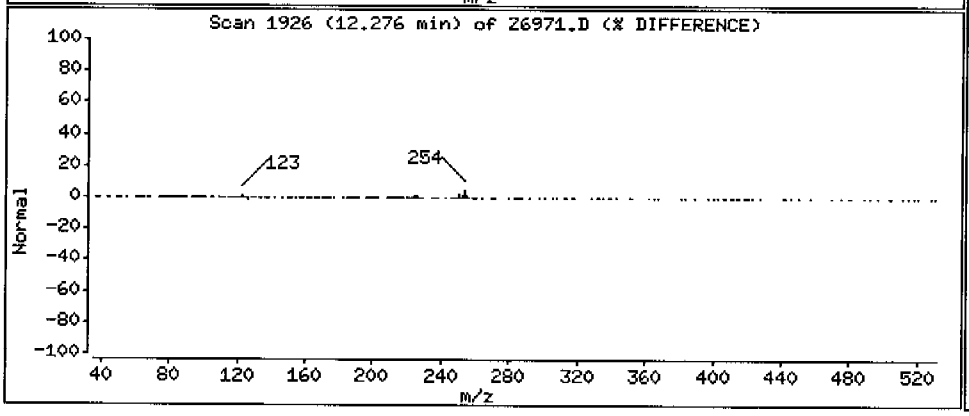












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0

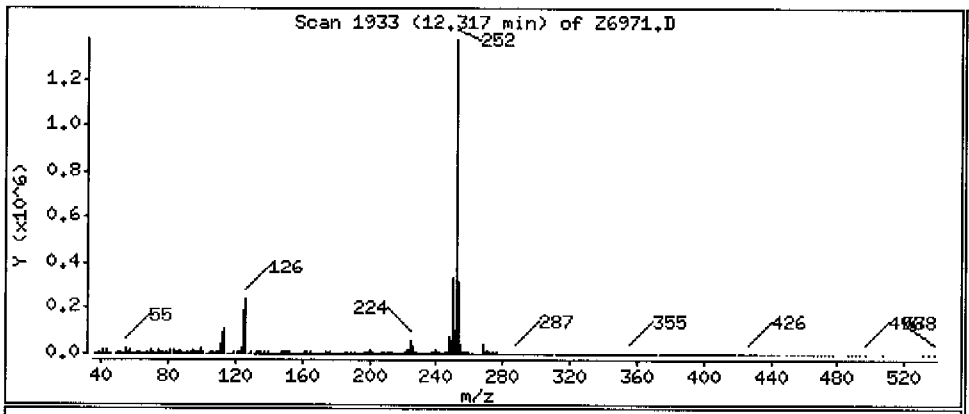
Operator: m.eastman

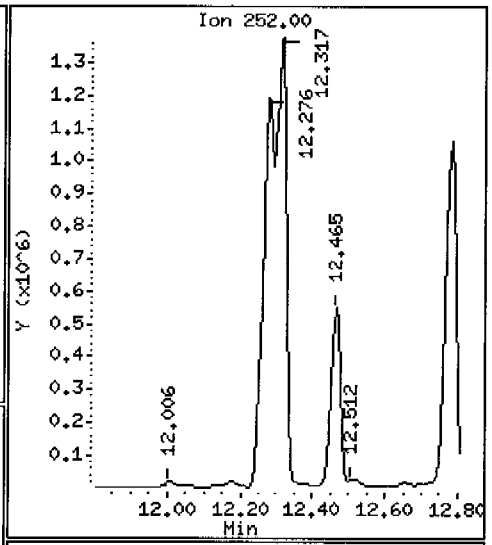
Column phase: RTX-5

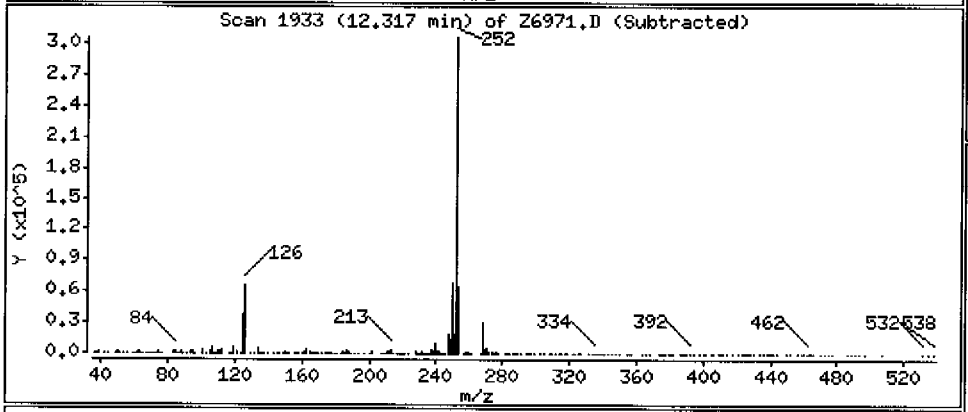
Column diameter: 0.25

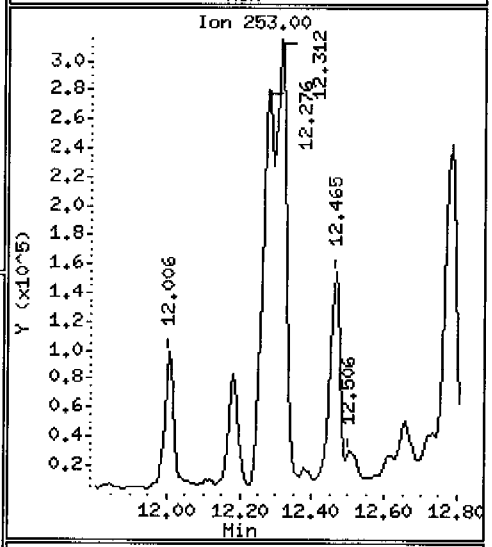
82 Benzo(k)fluoranthene

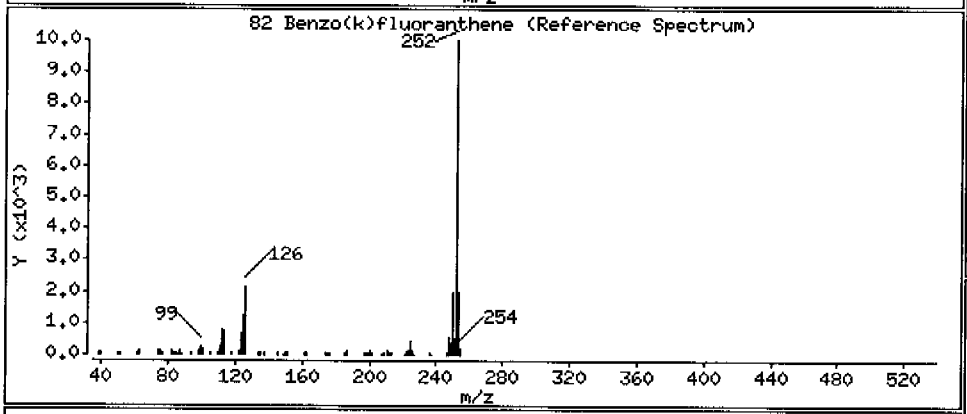
Concentration: 1000 ug/Kg

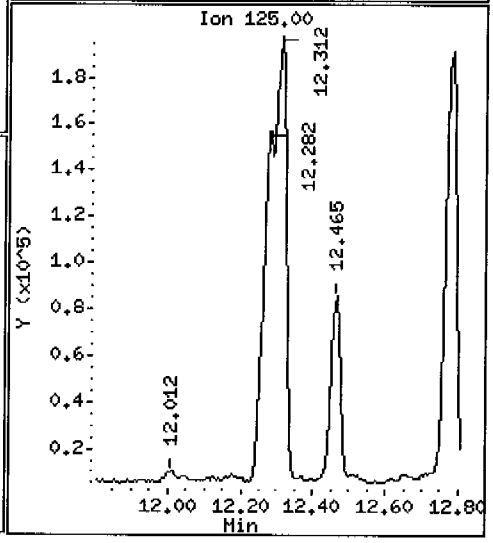


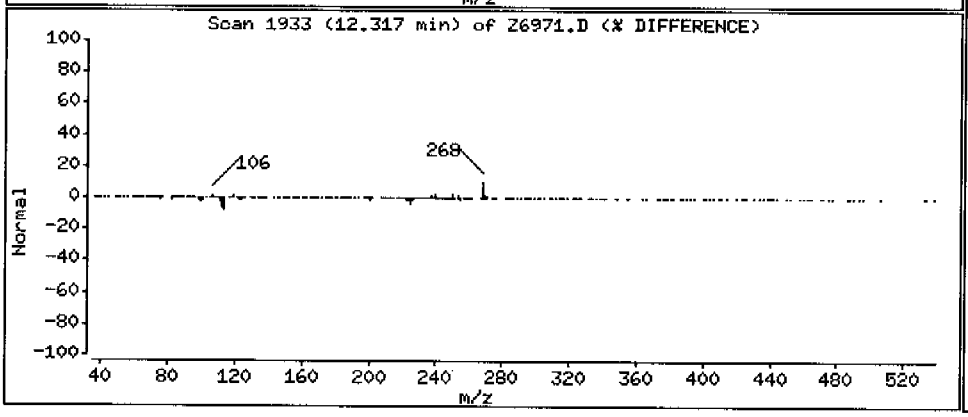












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0

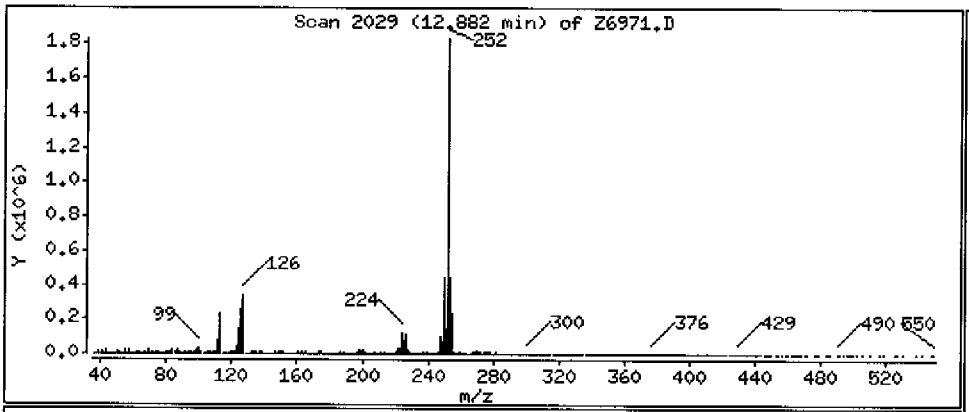
Operator: m.eastman

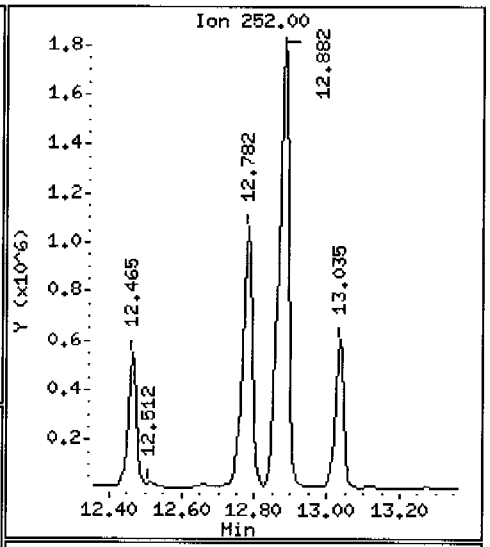
Column phase: RTX-5

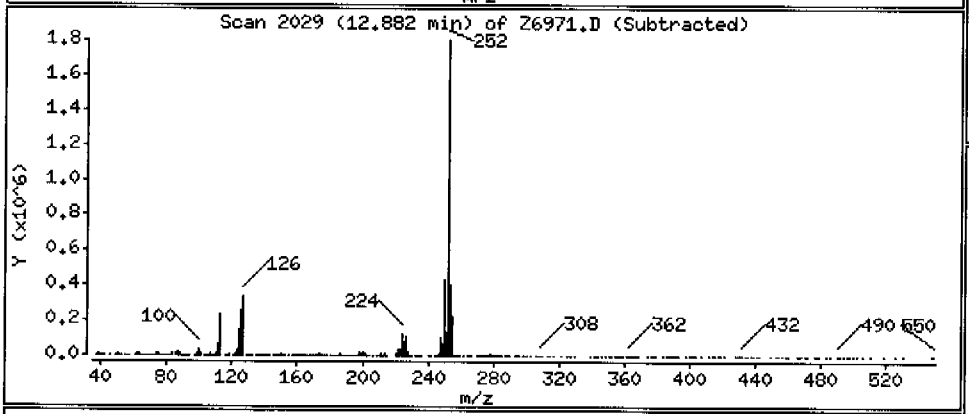
Column diameter: 0.25

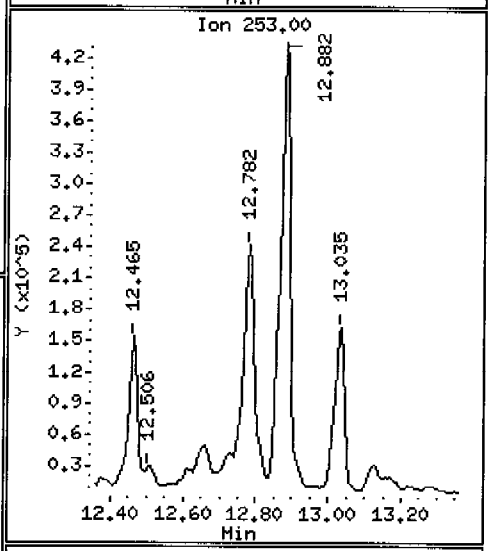
83 Benzo(a)pyrene

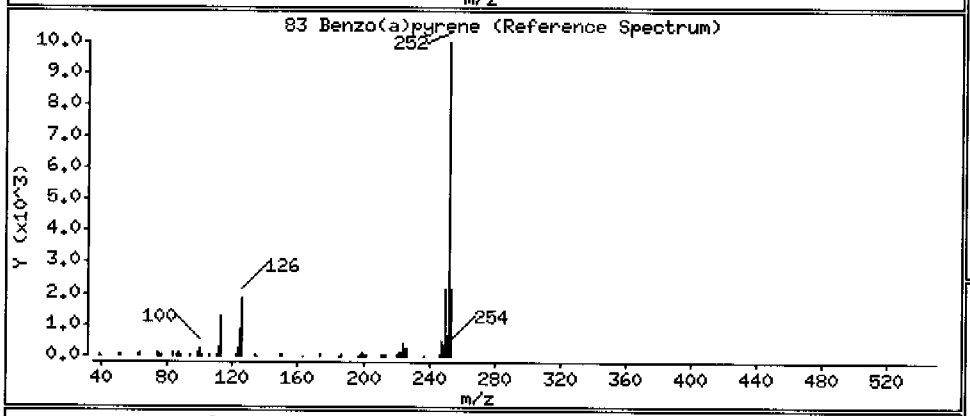
Concentration: 1600 ug/Kg

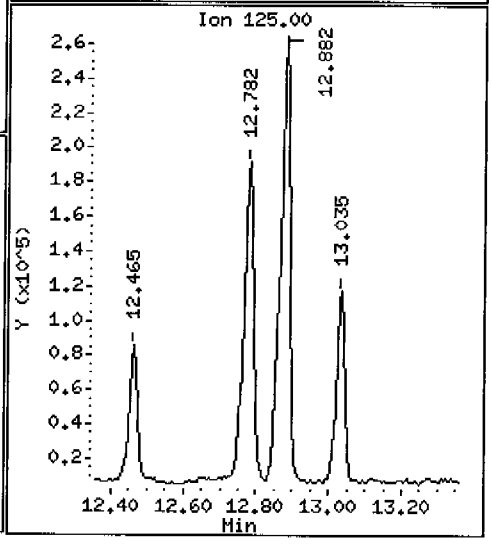


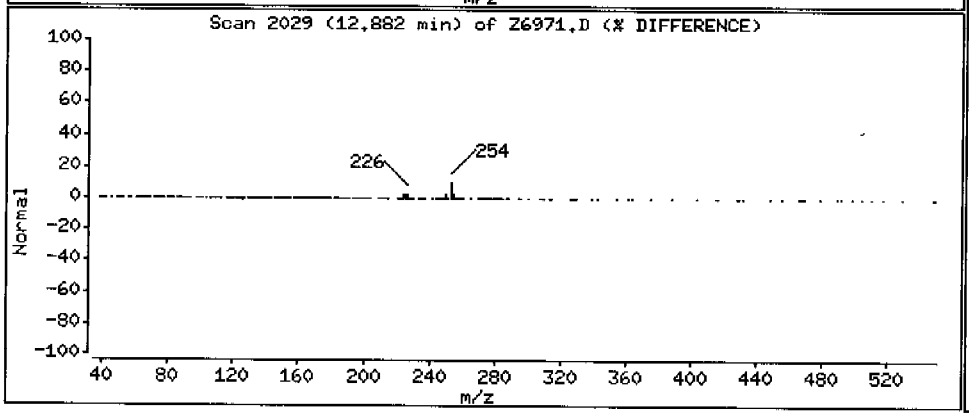












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0

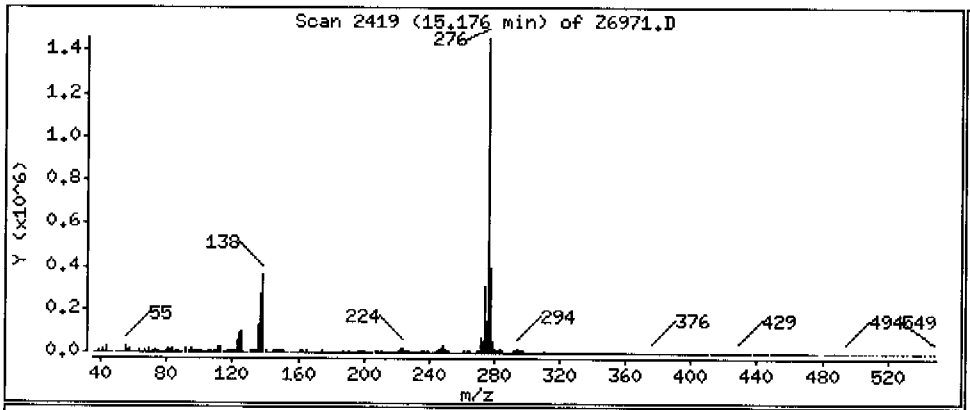
Operator: m.eastman

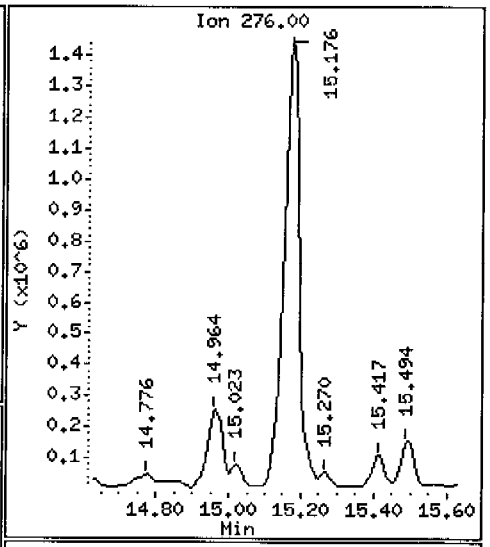
Column phase: RTX-5

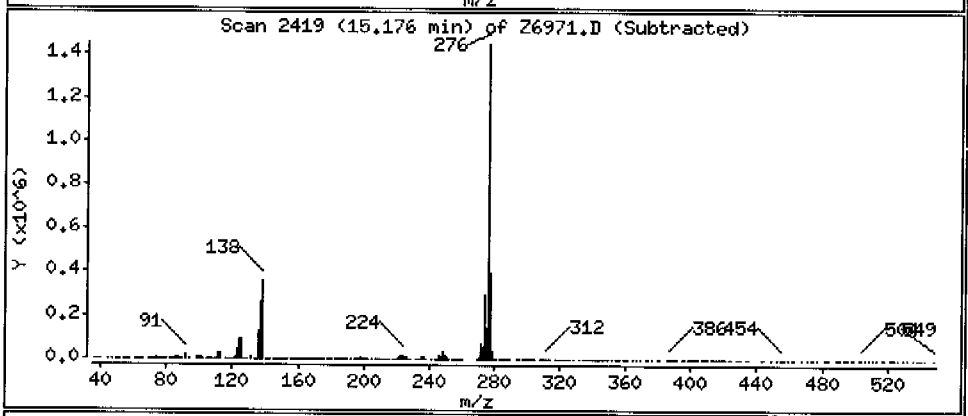
Column diameter: 0.25

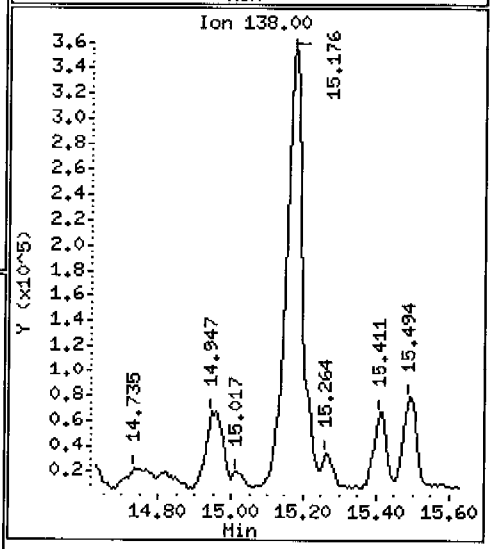
84 Indeno(1,2,3-cd)pyrene

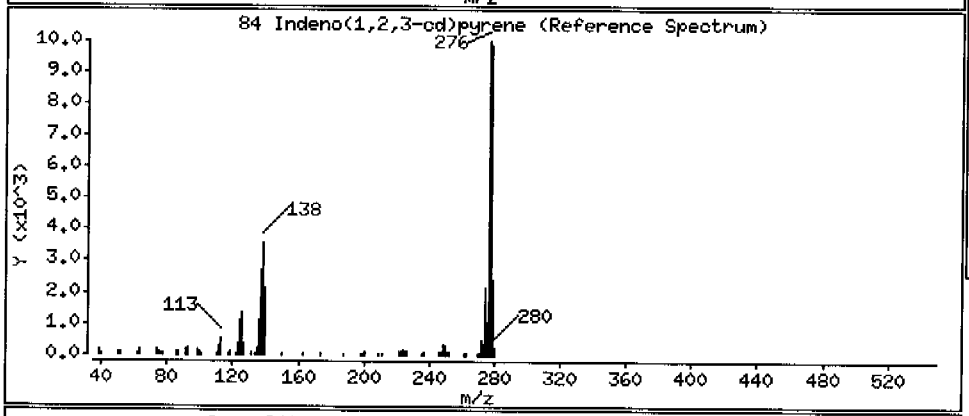
Concentration: 1900 ug/Kg

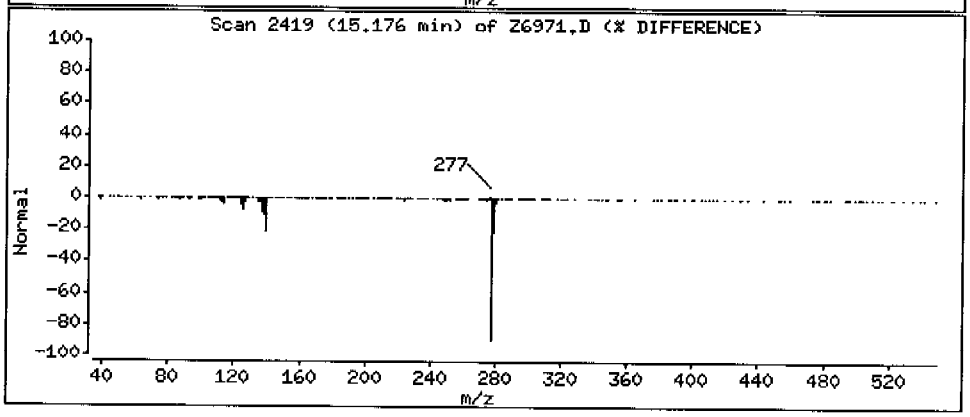












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0

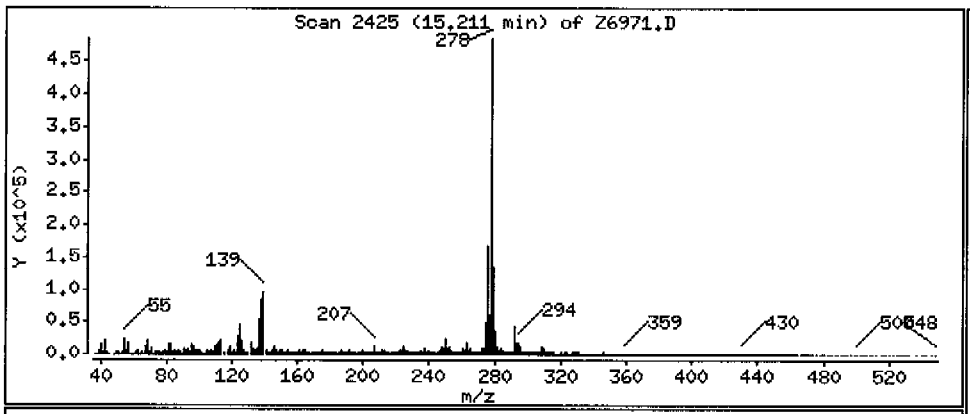
Operator: m.eastman

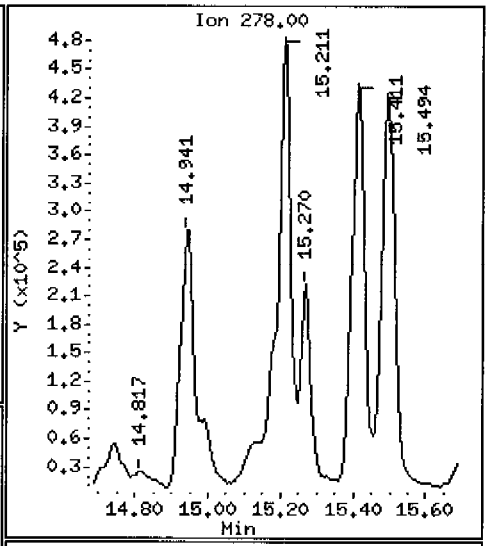
Column phase: RTX-5

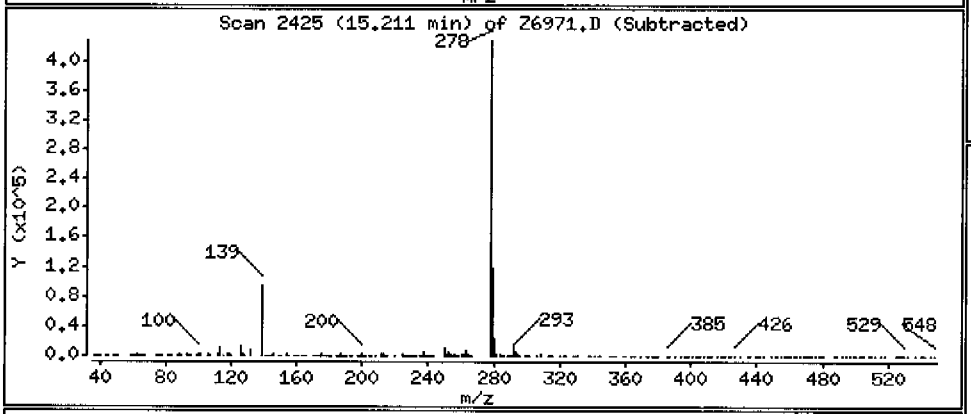
Column diameter: 0.25

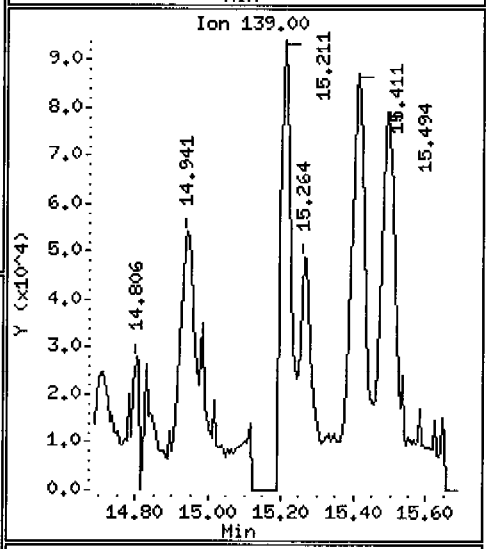
85 Dibenzo(a,h)anthracene

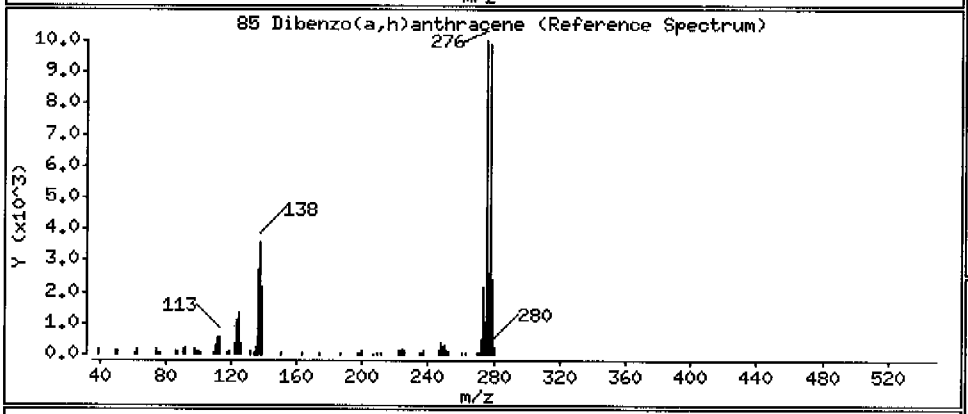
Concentration: 570 ug/Kg

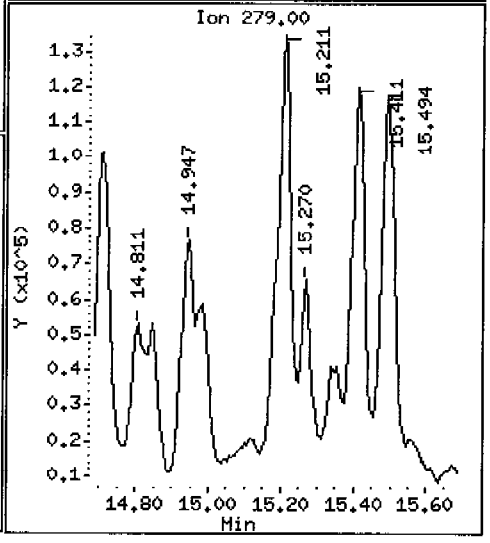


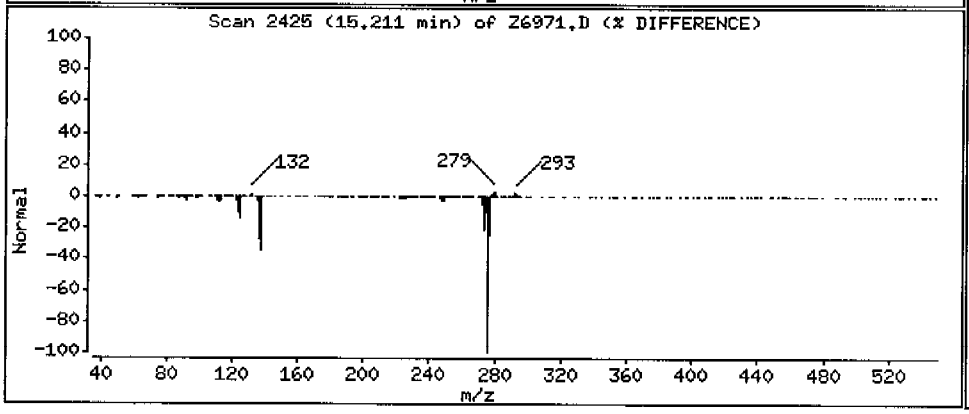












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0

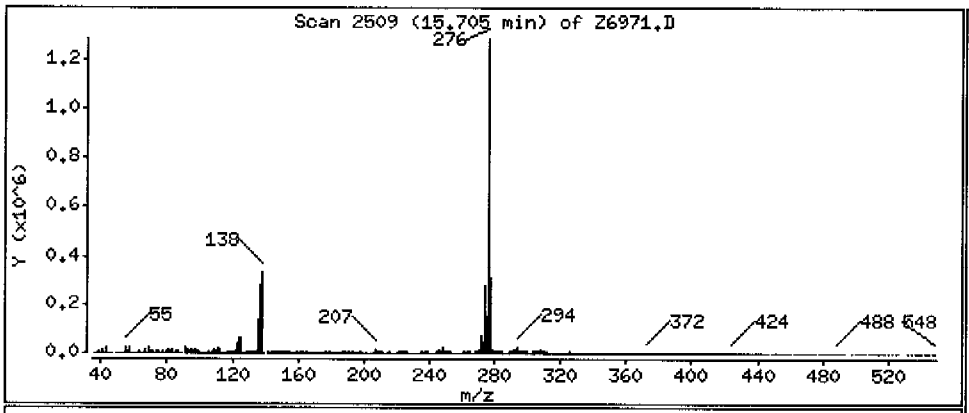
Operator: m.eastman

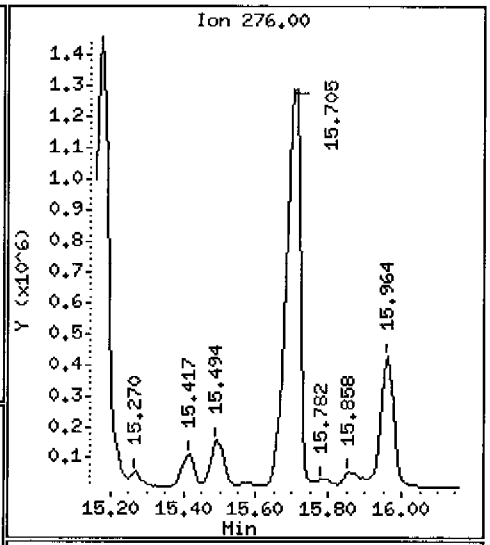
Column phase: RTX-5

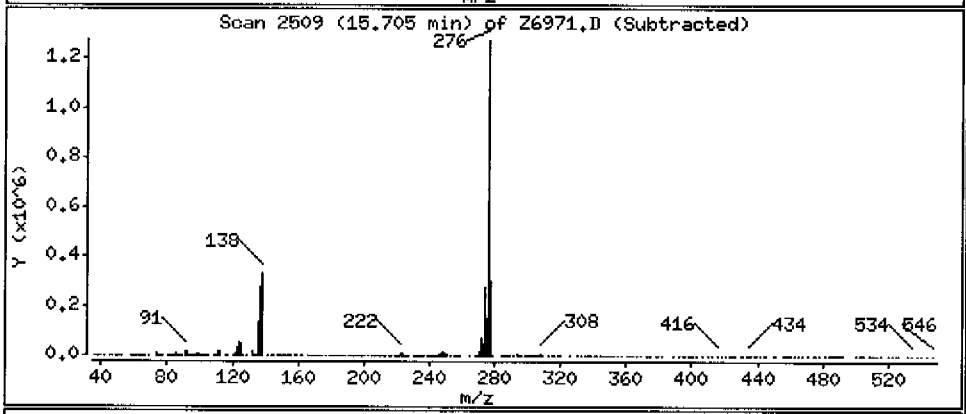
Column diameter: 0.25

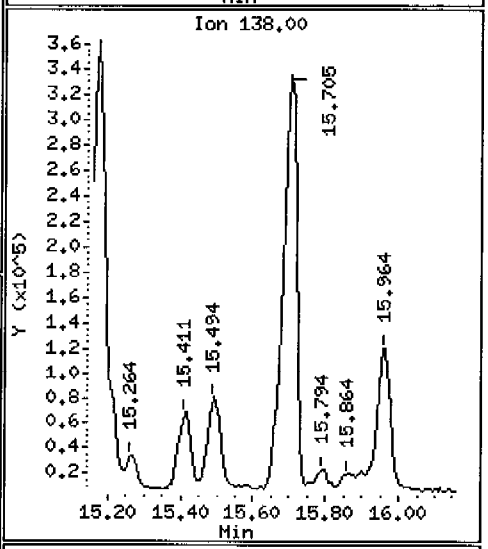
86 Benzo(g,h,i)perylene

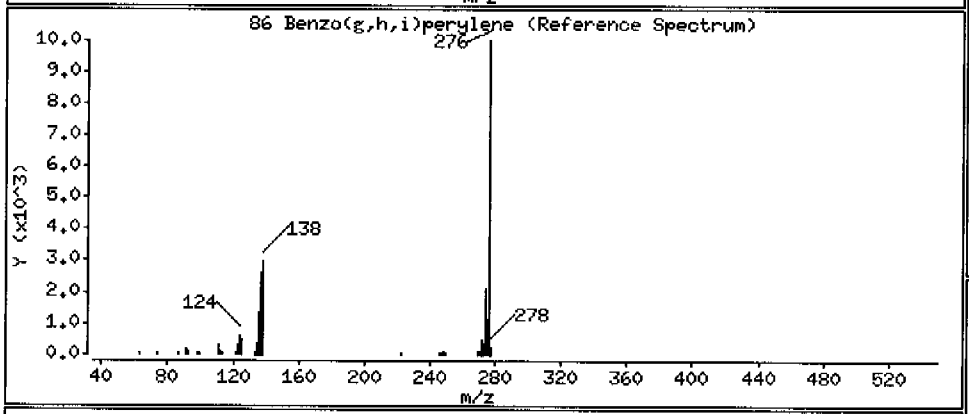
Concentration: 1400 ug/Kg

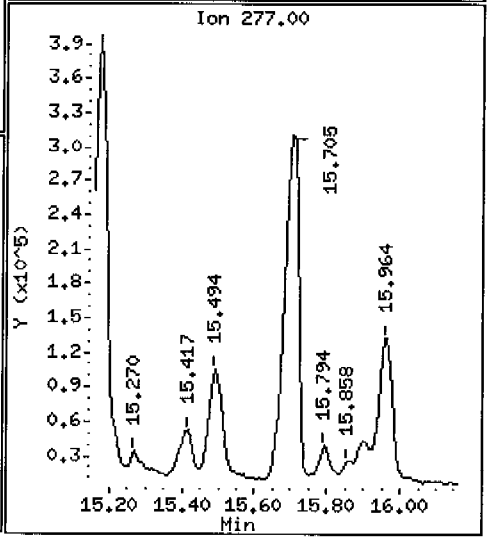


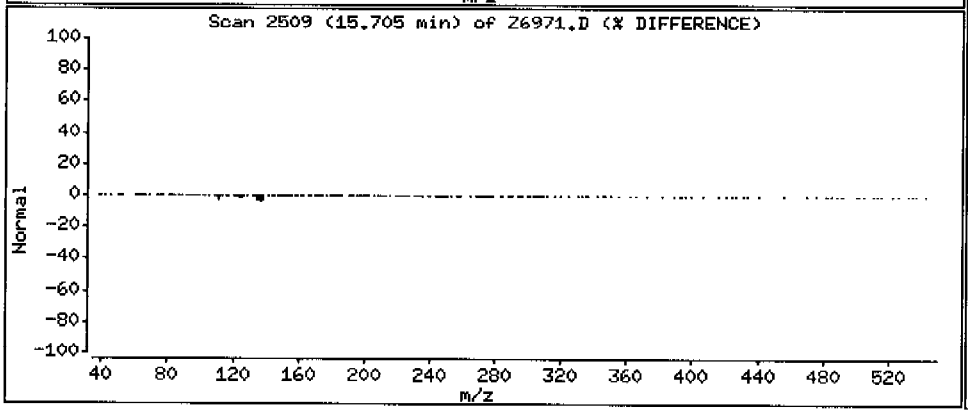












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

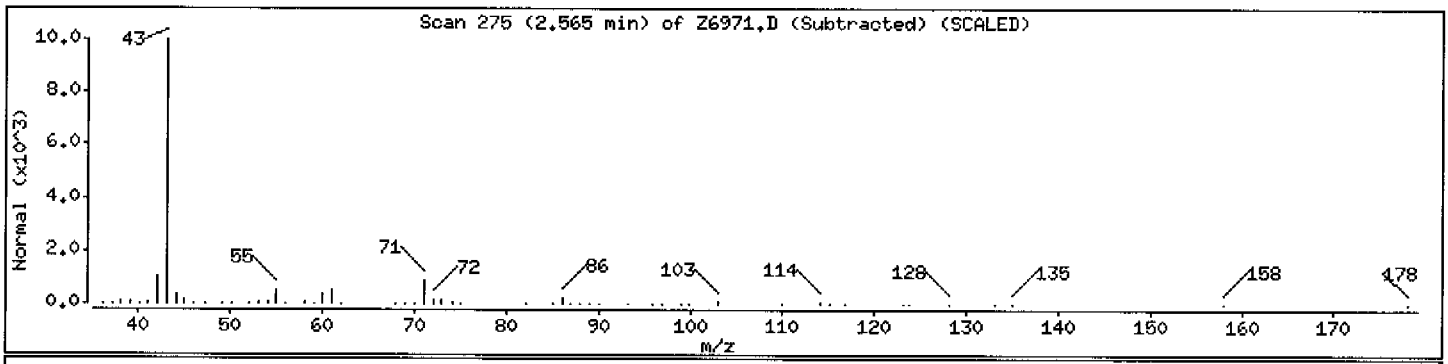
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

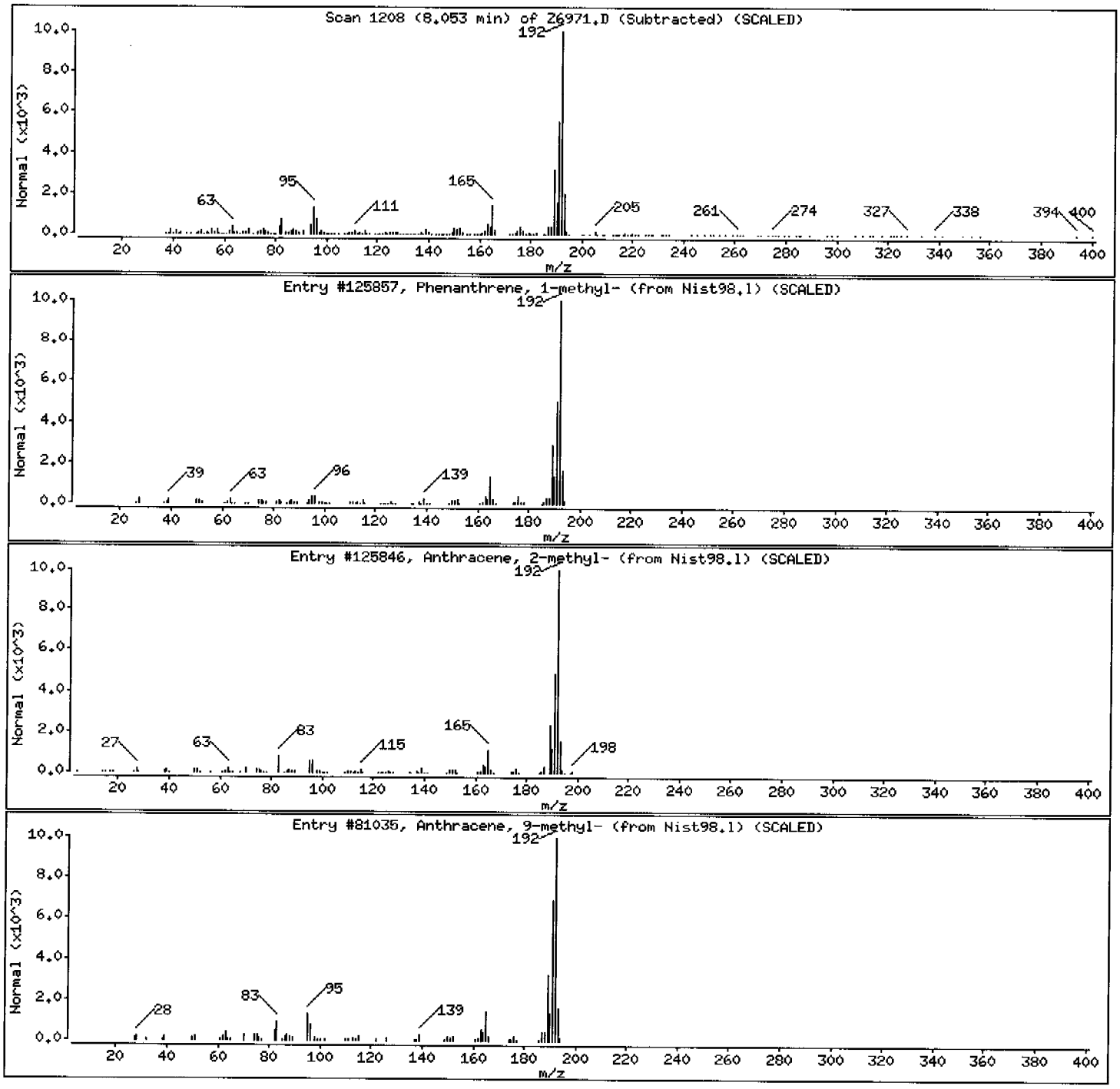
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 1-methyl-	832-69-9	Nist98.l	125857	96	C15H12	192
Anthracene, 2-methyl-	613-12-7	Nist98.l	125846	98	C15H12	192
Anthracene, 9-methyl-	779-02-2	Nist98.l	81035	96	C15H12	192



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

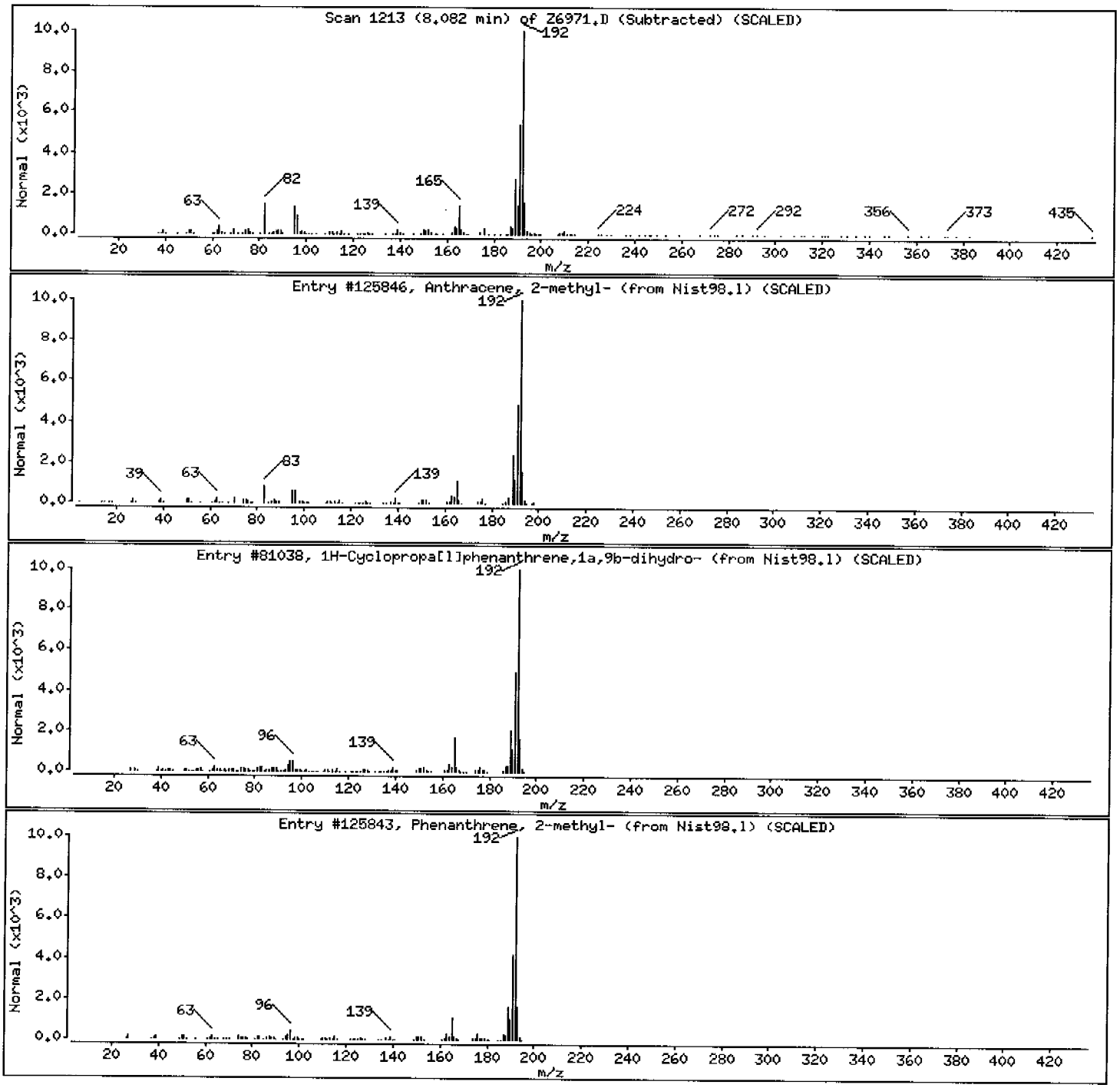
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Anthracene, 2-methyl-	613-12-7	Nist98.l	125846	98	C15H12	192
1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd	949-41-7	Nist98.l	81038	97	C15H12	192
Phenanthrene, 2-methyl-	2531-84-2	Nist98.l	125843	96	C15H12	192



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

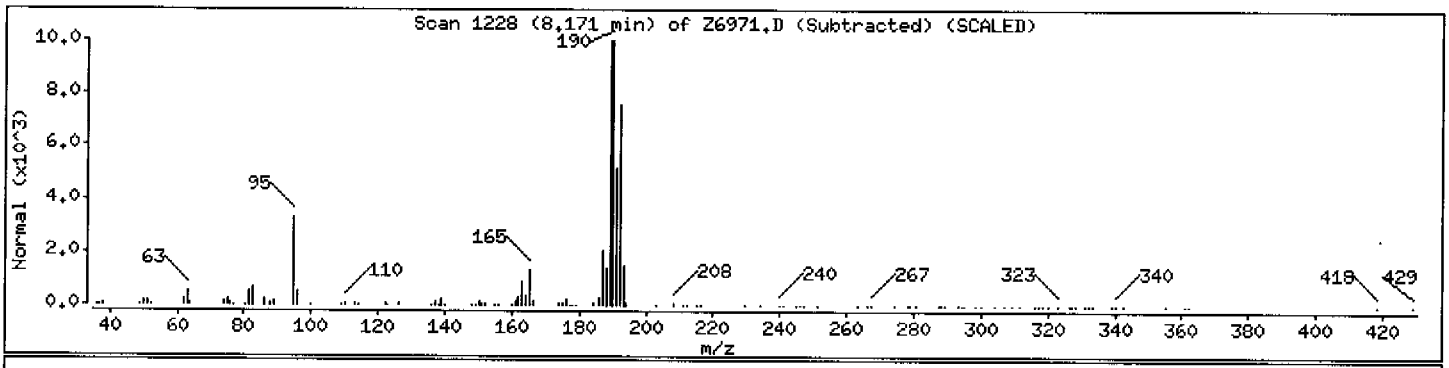
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

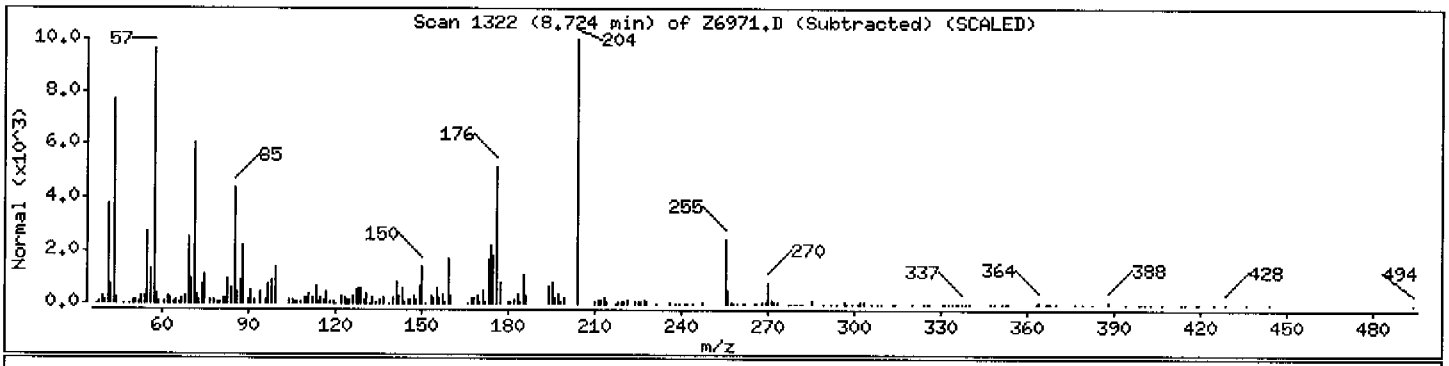
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

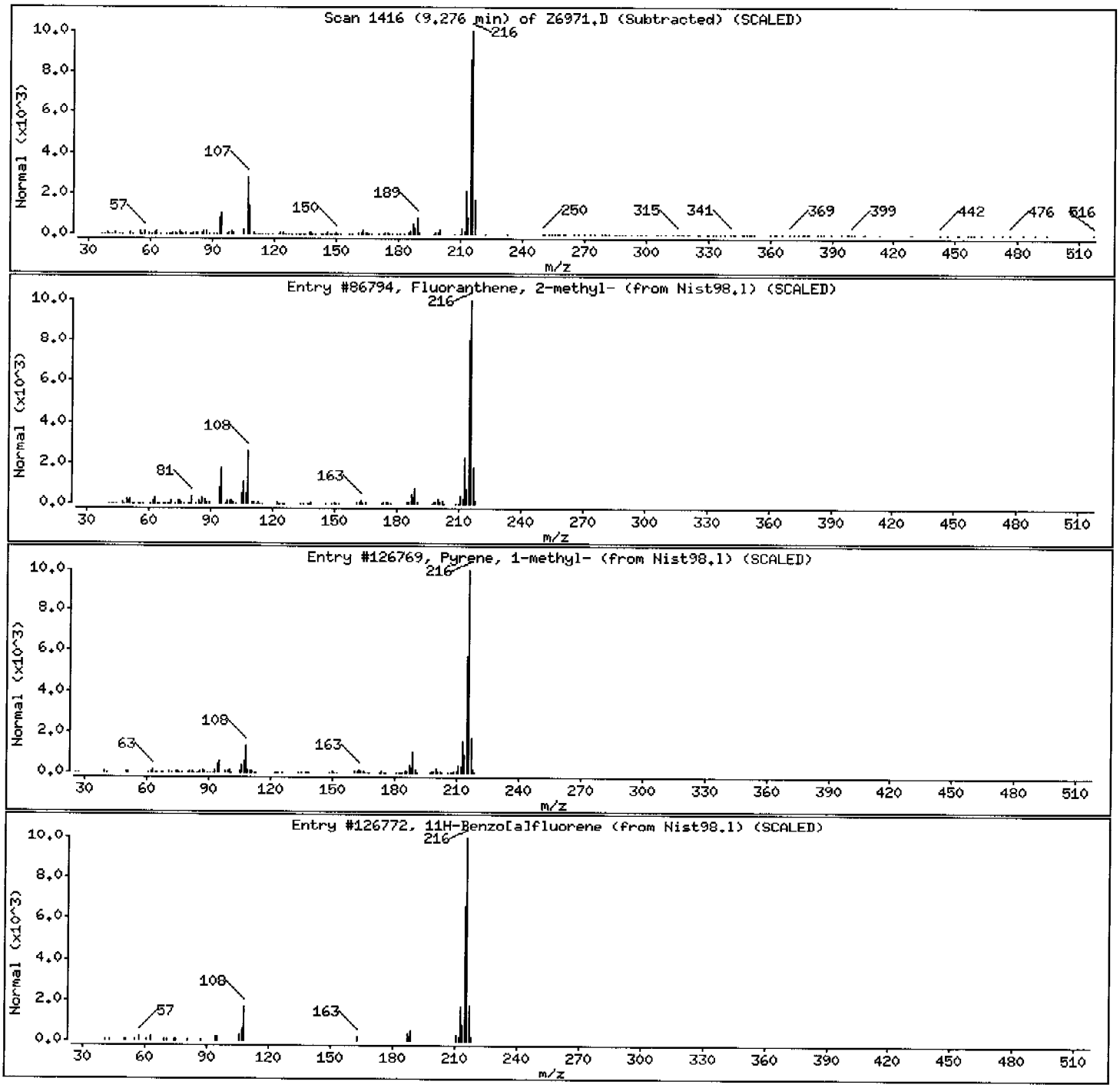
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Fluoranthene, 2-methyl-	33543-31-6	Nist98.l	86794	94	C17H12	216
Pyrene, 1-methyl-	2381-21-7	Nist98.l	126769	91	C17H12	216
11H-Benzo[a]fluorene	238-84-6	Nist98.l	126772	91	C17H12	216



Data File: \\Target1_ot\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

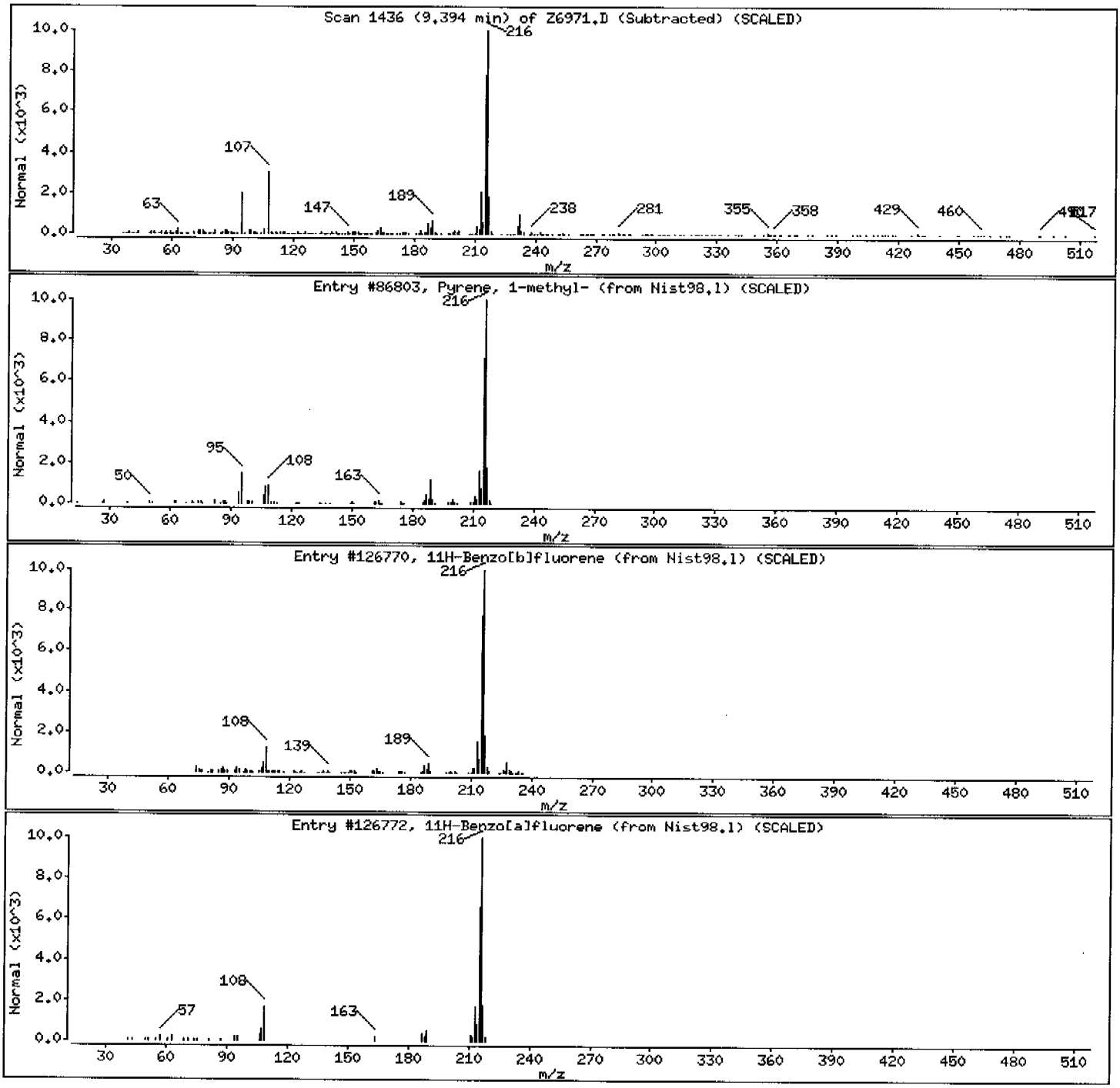
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pyrene, 1-methyl-	2381-21-7	Nist98.l	86803	90	C17H12	216
11H-Benzo[b]fluorene	243-17-4	Nist98.l	126770	90	C17H12	216
11H-Benzo[a]fluorene	238-84-6	Nist98.l	126772	86	C17H12	216



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

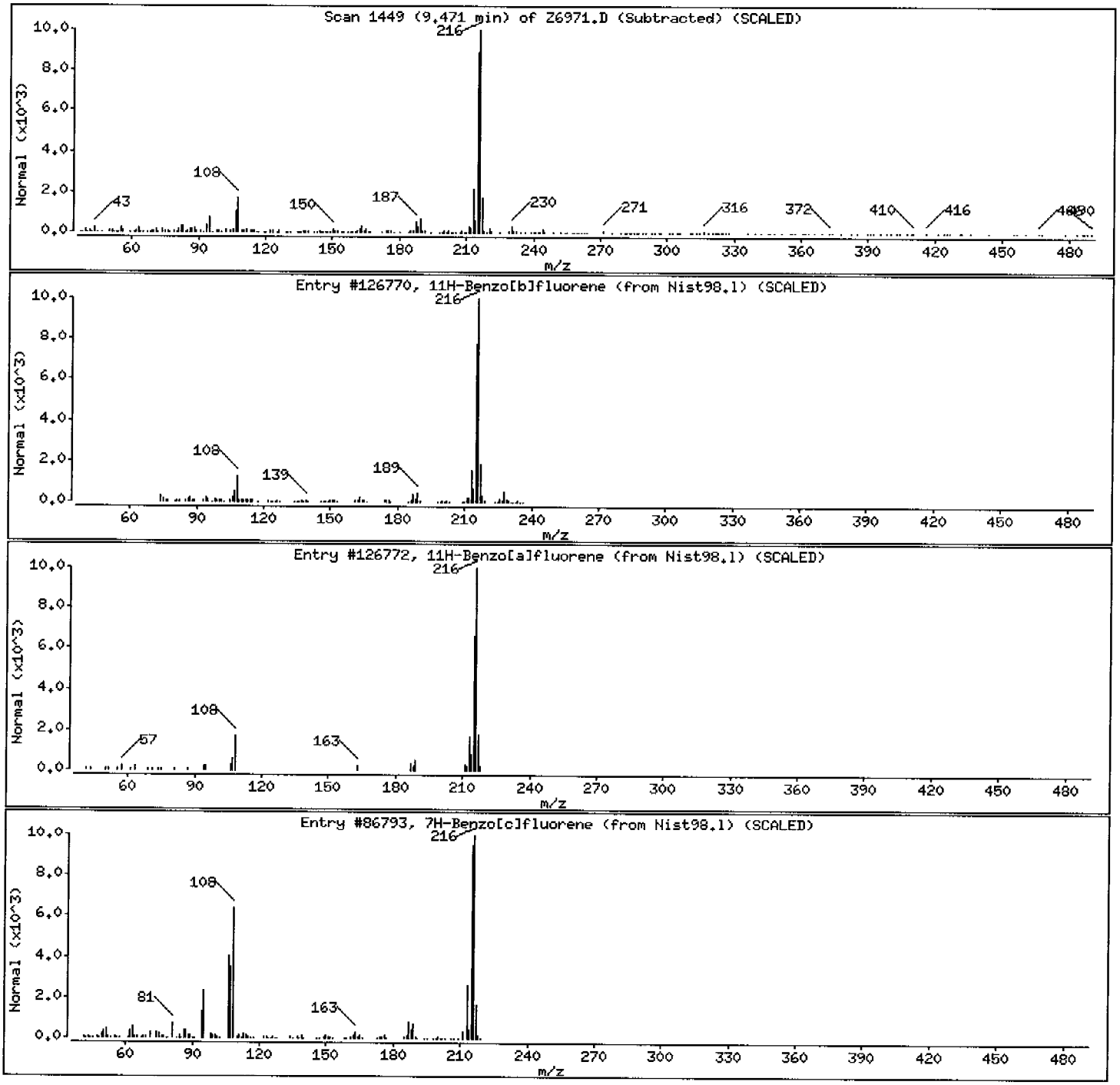
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Benzo[b]fluorene	243-17-4	Nist98.l	126770	93	C17H12	216
11H-Benzo[a]fluorene	238-84-6	Nist98.l	126772	91	C17H12	216
7H-Benzo[c]fluorene	205-12-9	Nist98.l	86793	91	C17H12	216



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

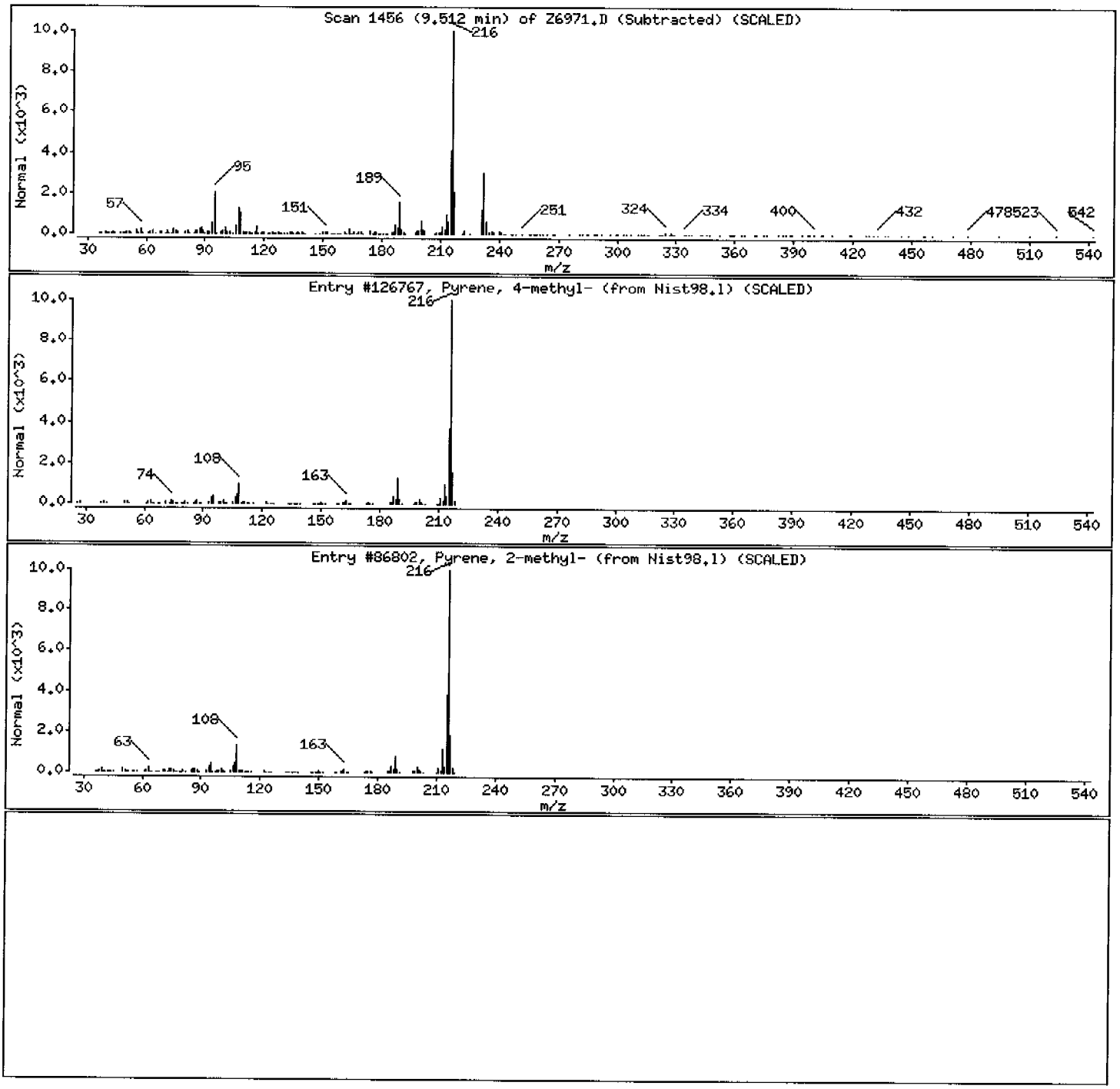
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pyrene, 4-methyl-	3353-12-6	Nist98.l	126767	95	C17H12	216
Pyrene, 2-methyl-	3442-78-2	Nist98.l	86802	70	C17H12	216



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

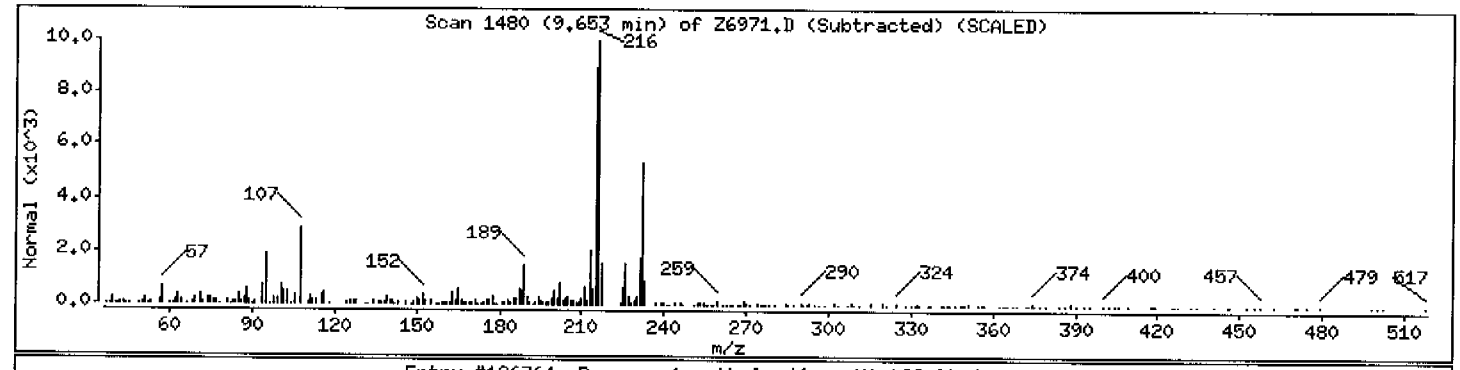
Volume Injected (uL): 2.0

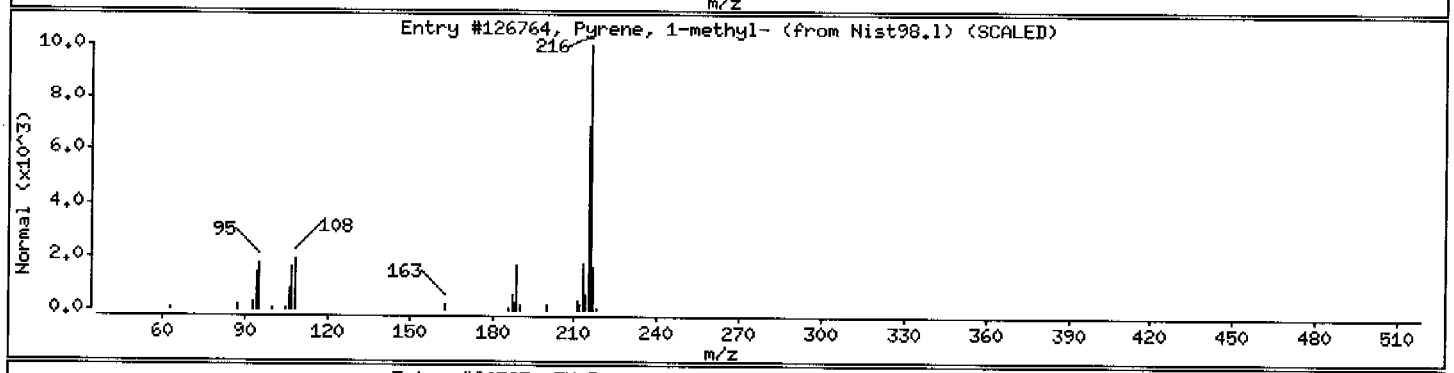
Operator: m.eastman

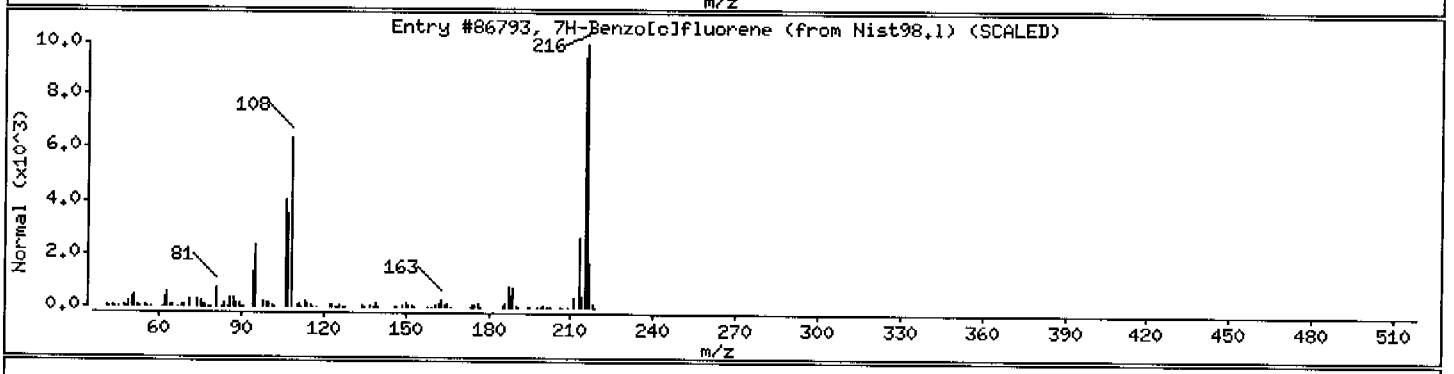
Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pyrene, 1-methyl-	2381-21-7	Nist98.l	126764	89	C17H12	216
7H-Benzo[c]fluorene	205-12-9	Nist98.l	86793	86	C17H12	216







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Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

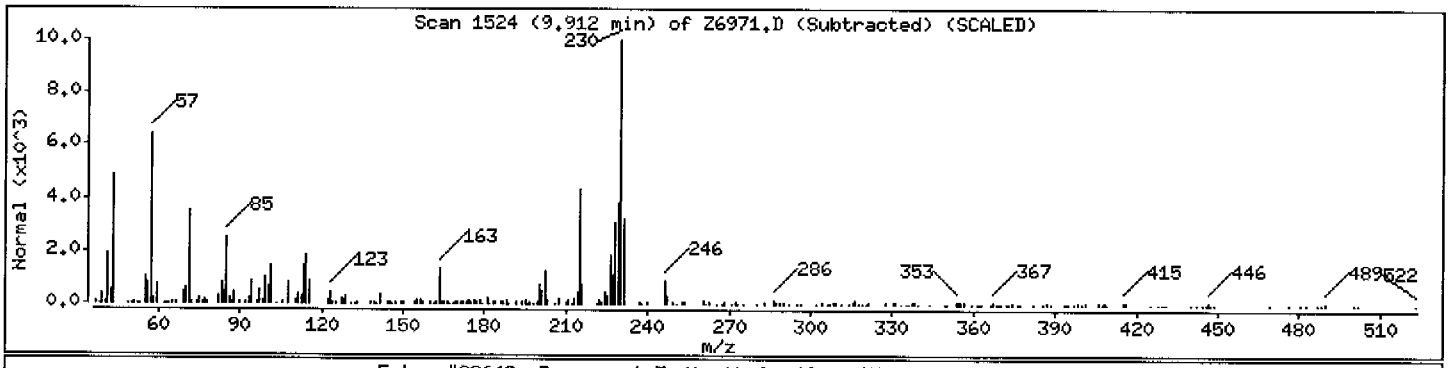
Volume Injected (uL): 2.0

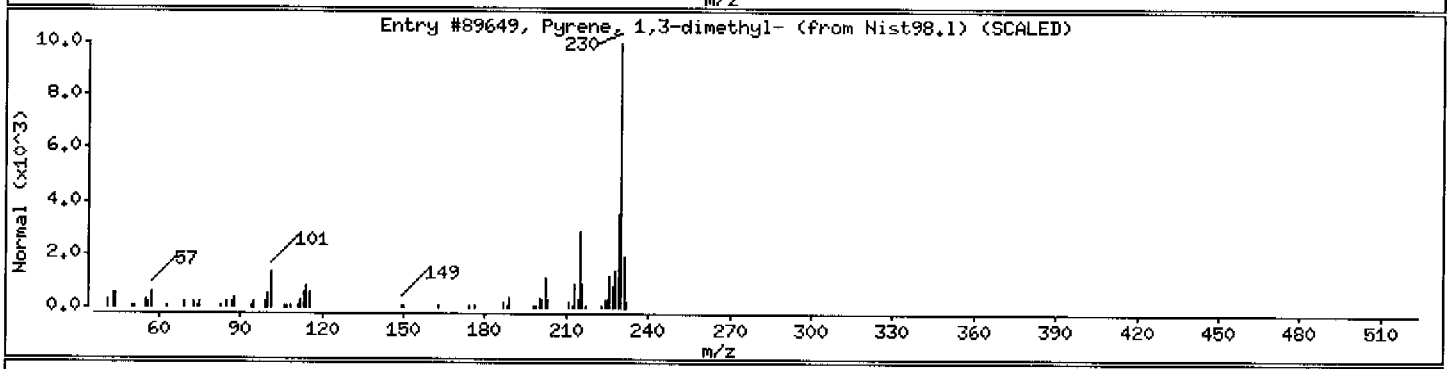
Operator: m.eastman

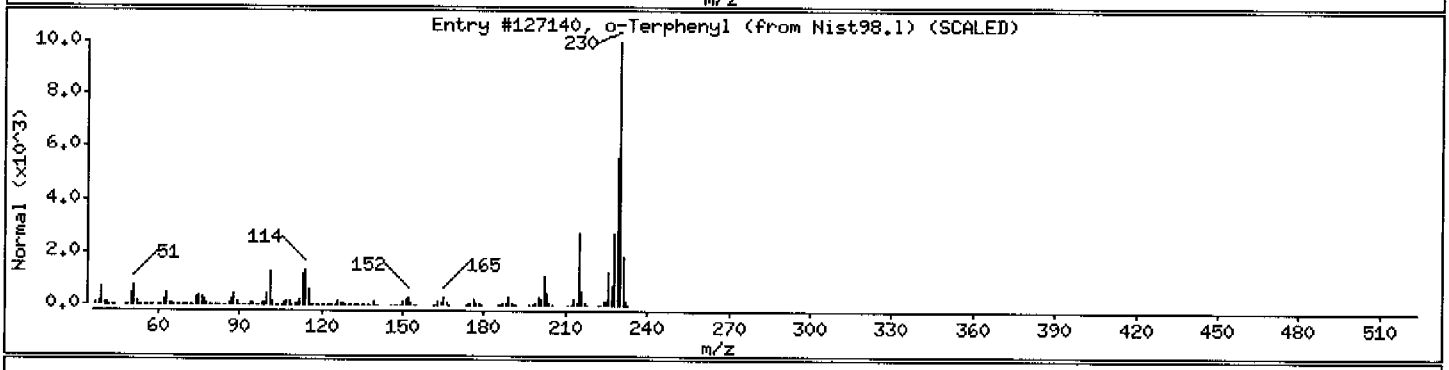
Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pyrene, 1,3-dimethyl-	64401-21-4	Nist98.l	89649	86	C18H14	230
o-Terphenyl	84-15-1	Nist98.l	127140	70	C18H14	230







Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

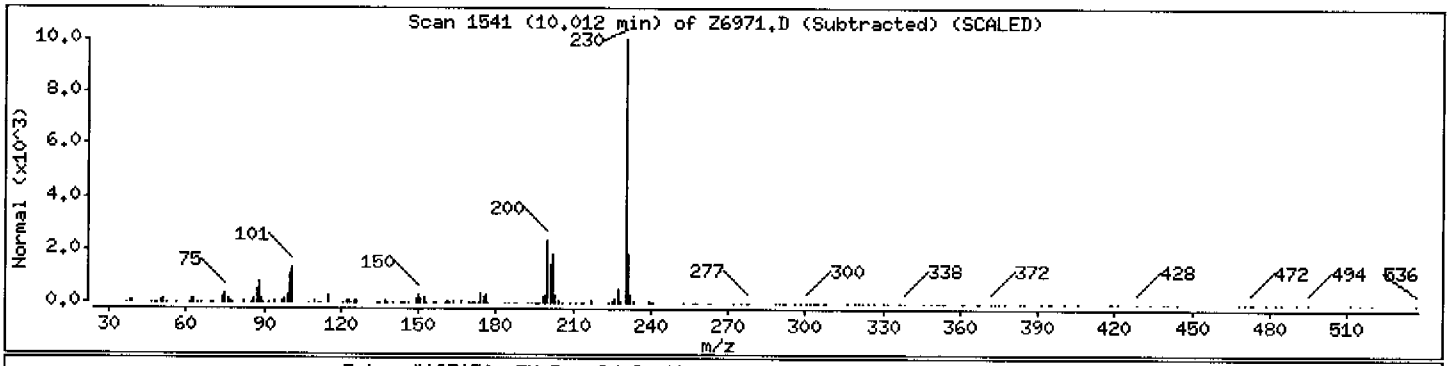
Volume Injected (uL): 2.0

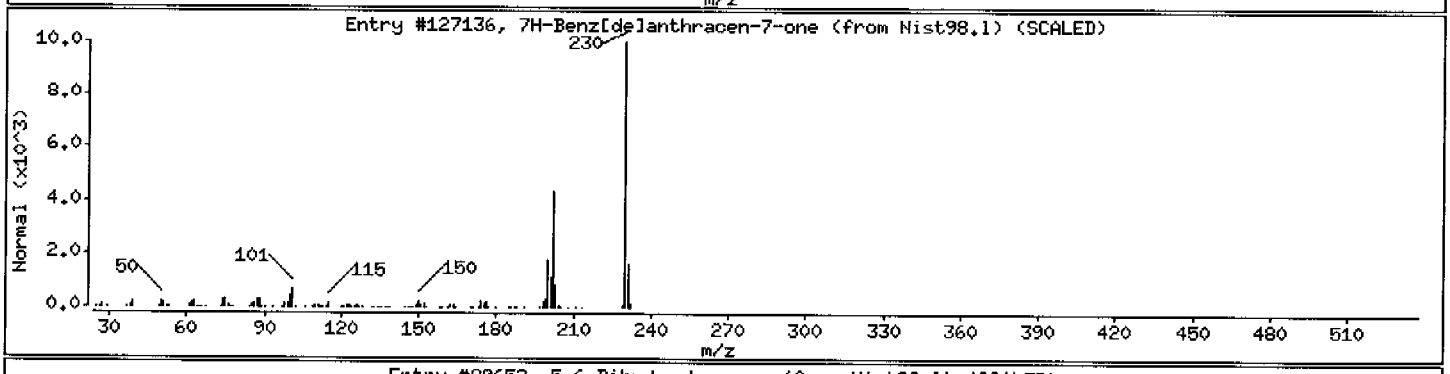
Operator: m.eastman

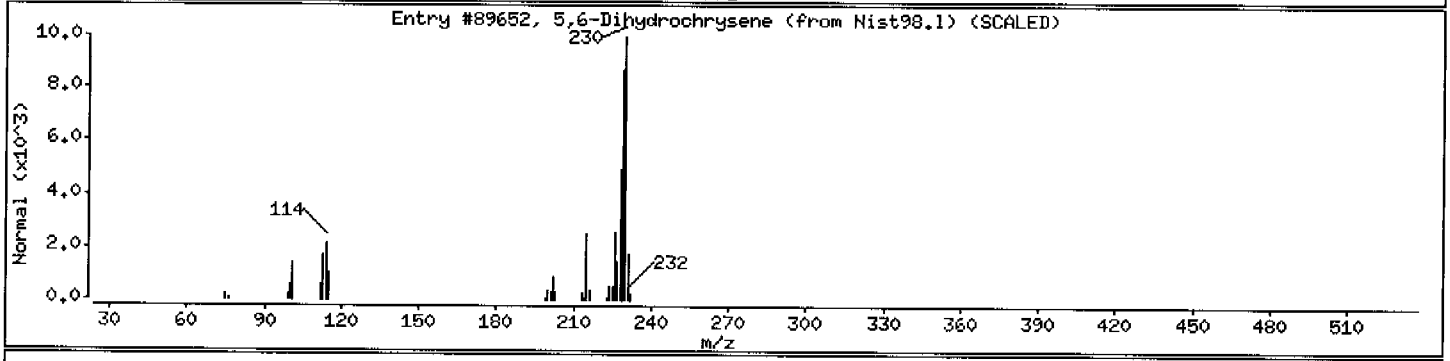
Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
7H-Benz[delanthracen-7-one	82-05-3	Nist98.l	127136	91	C17H100	230
5,6-Dihydrochrysene	2091-92-1	Nist98.l	89652	72	C18H14	230







Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

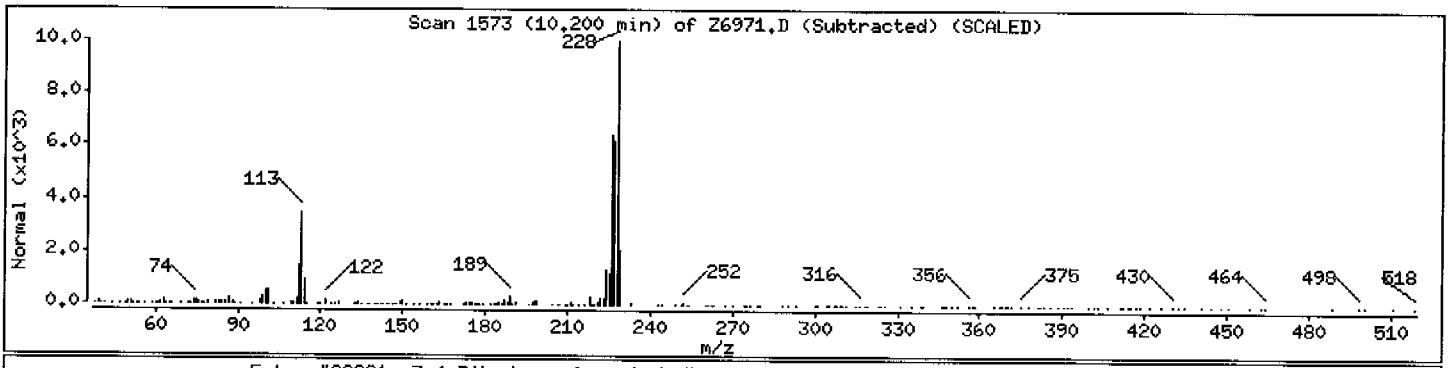
Volume Injected (uL): 2.0

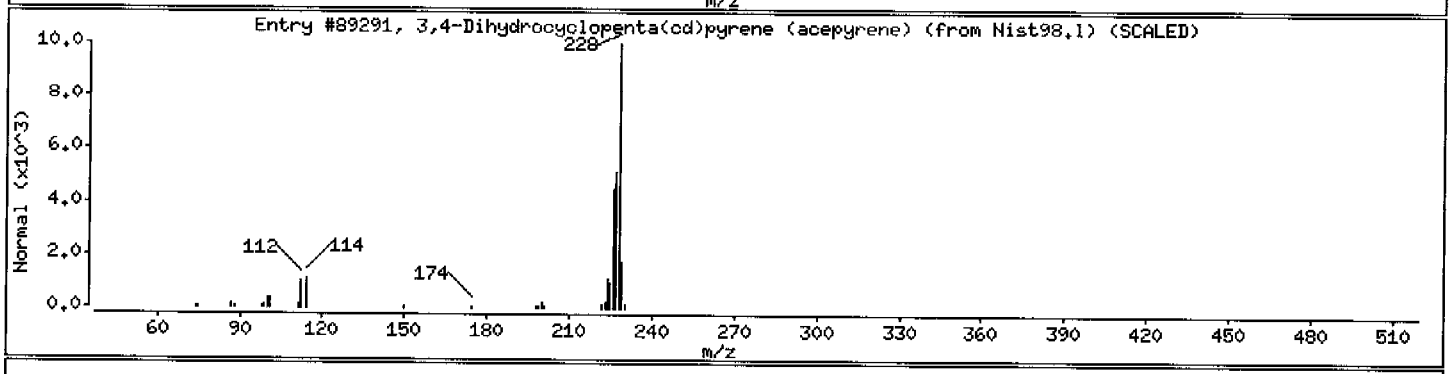
Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
3,4-Dihydrocyclopenta(cd)py	25732-74-5	Nist98.l	89291	96	C18H12	228





Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

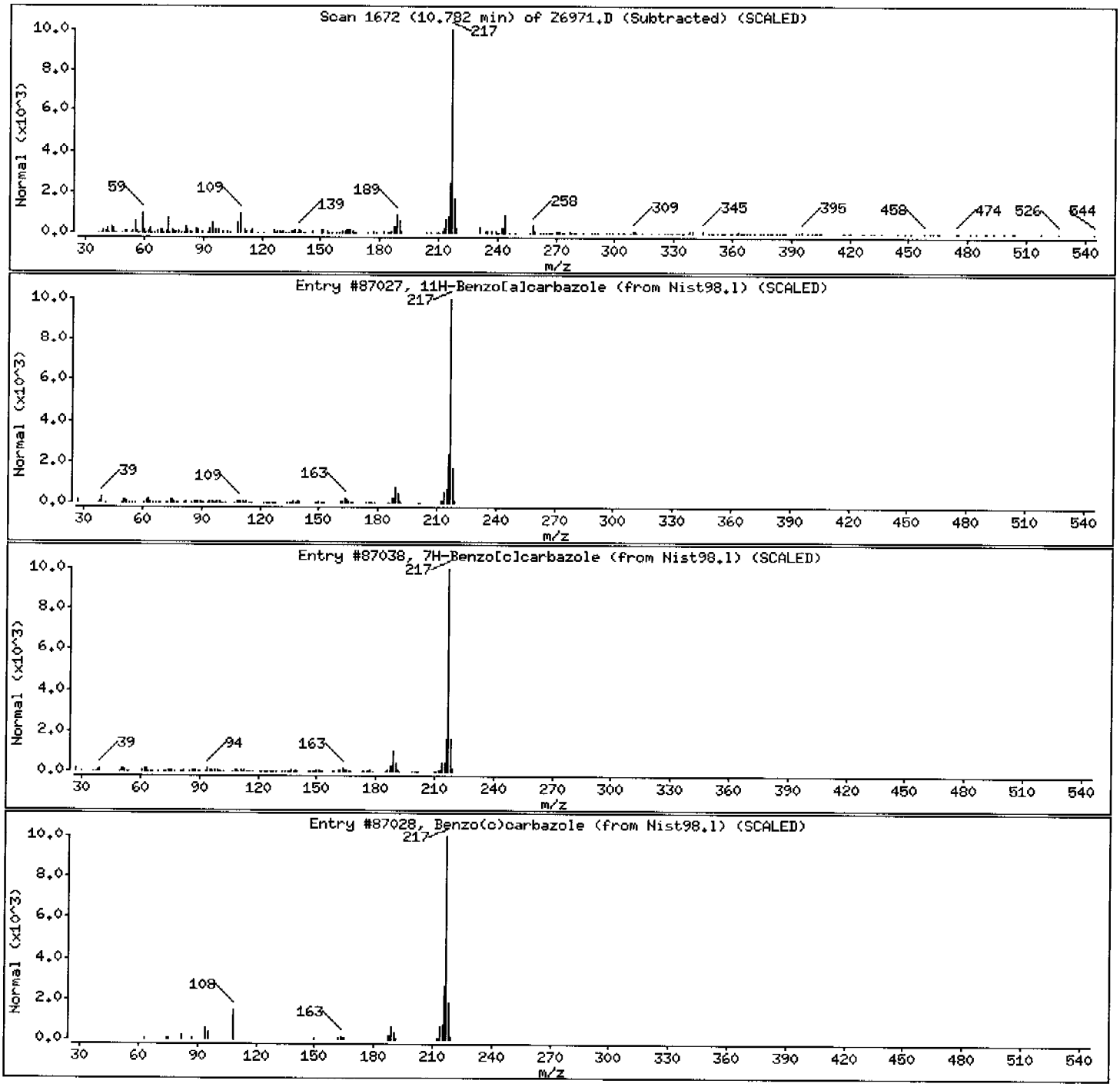
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Benzo[a]carbazole	239-01-0	Nist98.l	87027	96	C16H11N	217
7H-Benzo[c]carbazole	205-25-4	Nist98.l	87038	94	C16H11N	217
Benzo(c)carbazole	34777-33-8	Nist98.l	87028	93	C16H11N	217



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

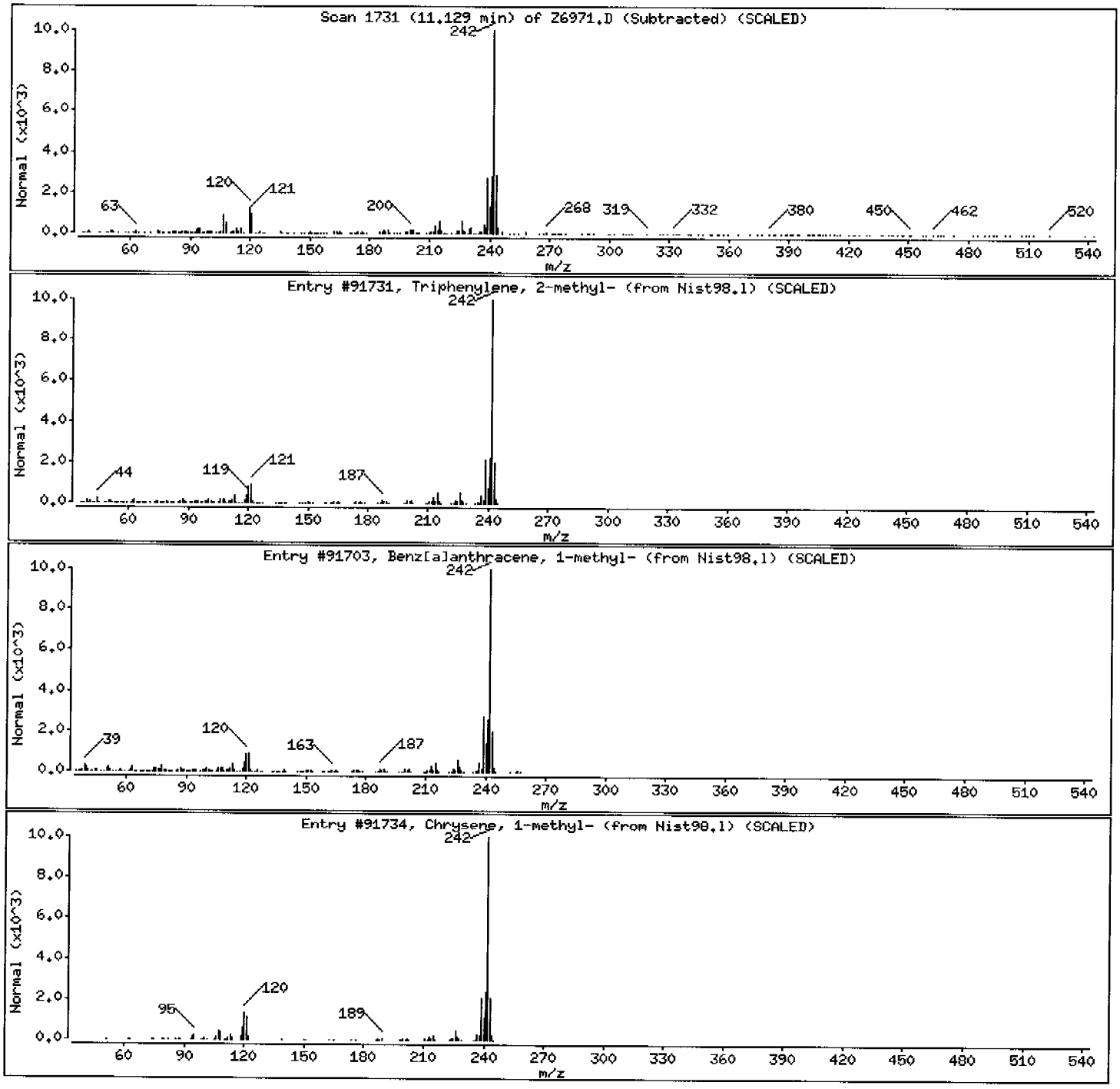
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Triphenylene, 2-methyl-	1705-84-6	Nist98.l	91731	98	C19H14	242
Benz[a]anthracene, 1-methyl-	2498-77-3	Nist98.l	91703	96	C19H14	242
Chrysene, 1-methyl-	3351-28-8	Nist98.l	91734	94	C19H14	242



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

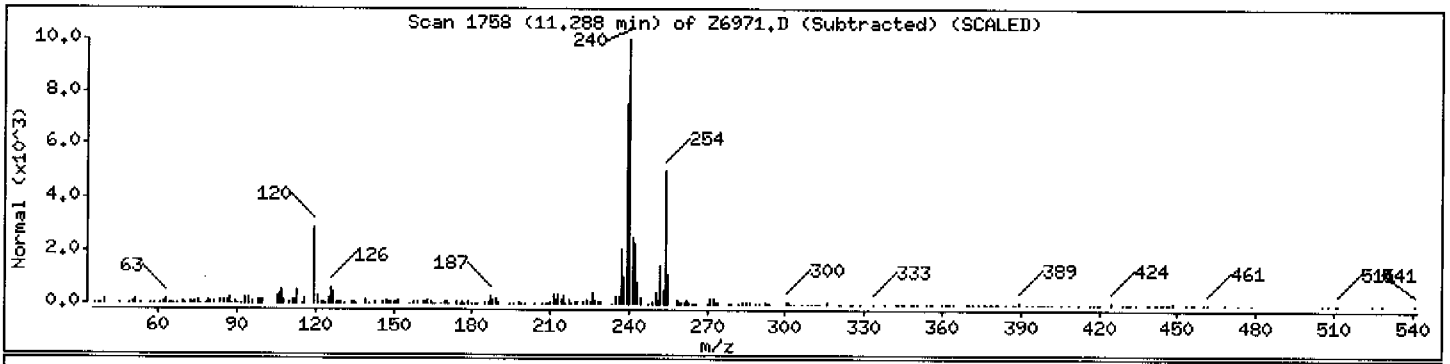
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

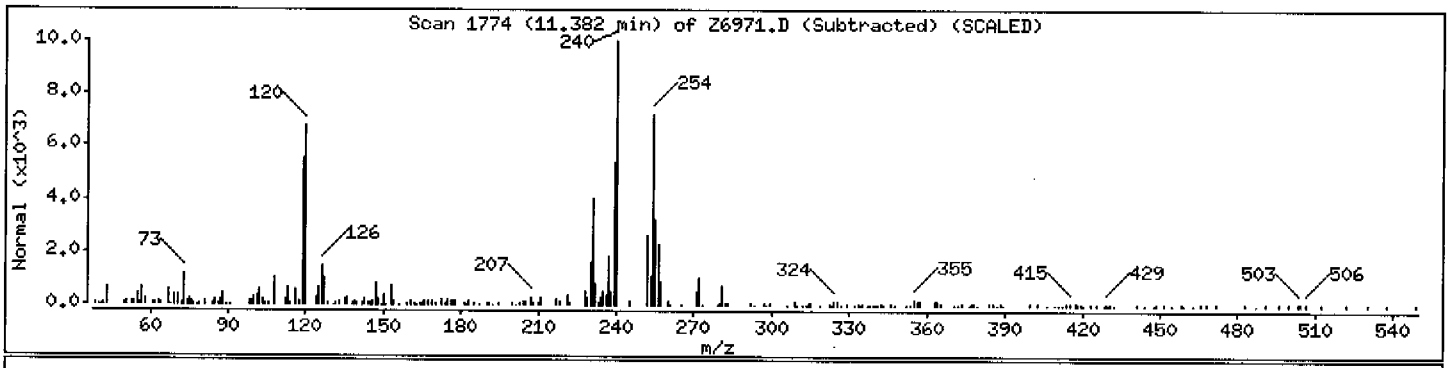
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

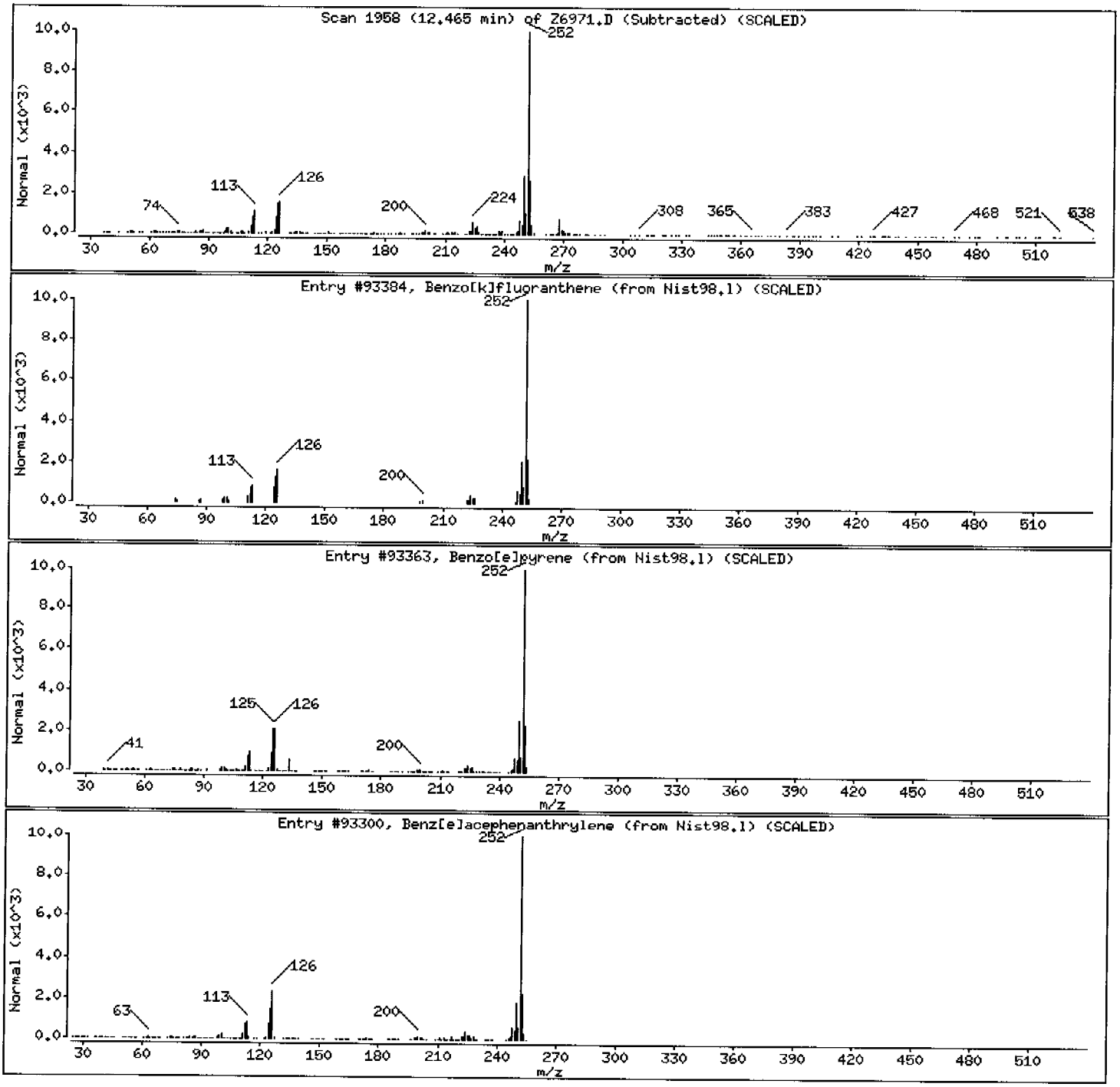
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown PAH						
Benzo[k]fluoranthene	207-08-9	Nist98.l	93384	99	C20H12	252
Benzo[e]pyrene	192-97-2	Nist98.l	93363	96	C20H12	252
Benz[e]acephenanthrylene	205-99-2	Nist98.l	93300	94	C20H12	252



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

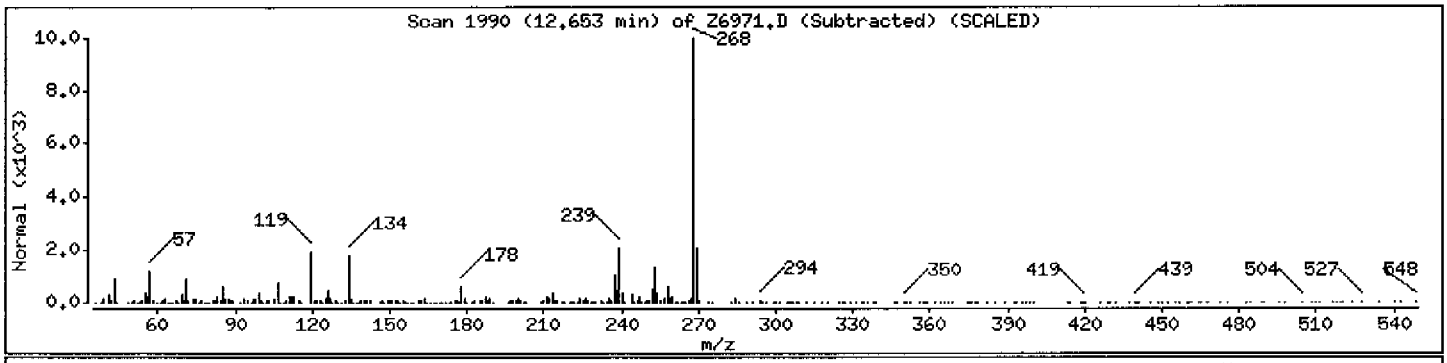
Volume Injected (uL): 2.0

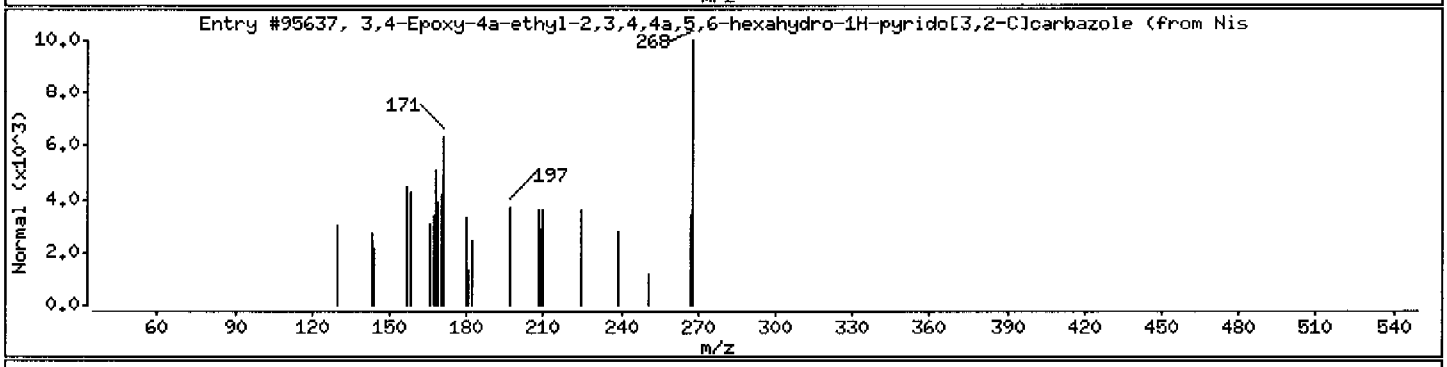
Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
3,4-Epoxy-4a-ethyl-2,3,4,4a	80249-75-8	Nist98.1	95637	91	C17H20N2O	268





Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

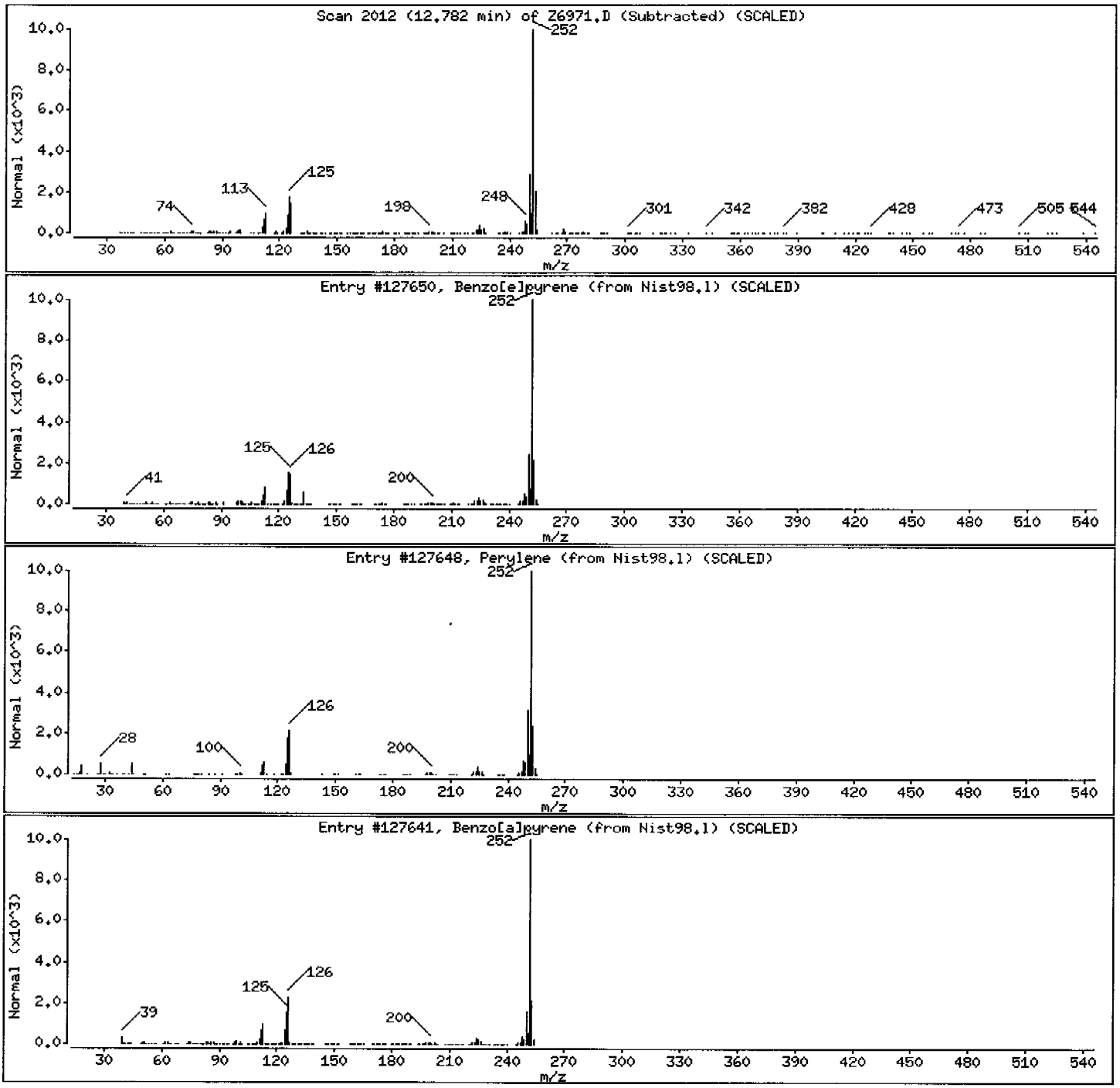
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo[e]pyrene	192-97-2	Nist98.l	127650	91	C20H12	252
Perylene	198-55-0	Nist98.l	127648	90	C20H12	252
Benzo[a]pyrene	50-32-8	Nist98.l	127641	81	C20H12	252



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

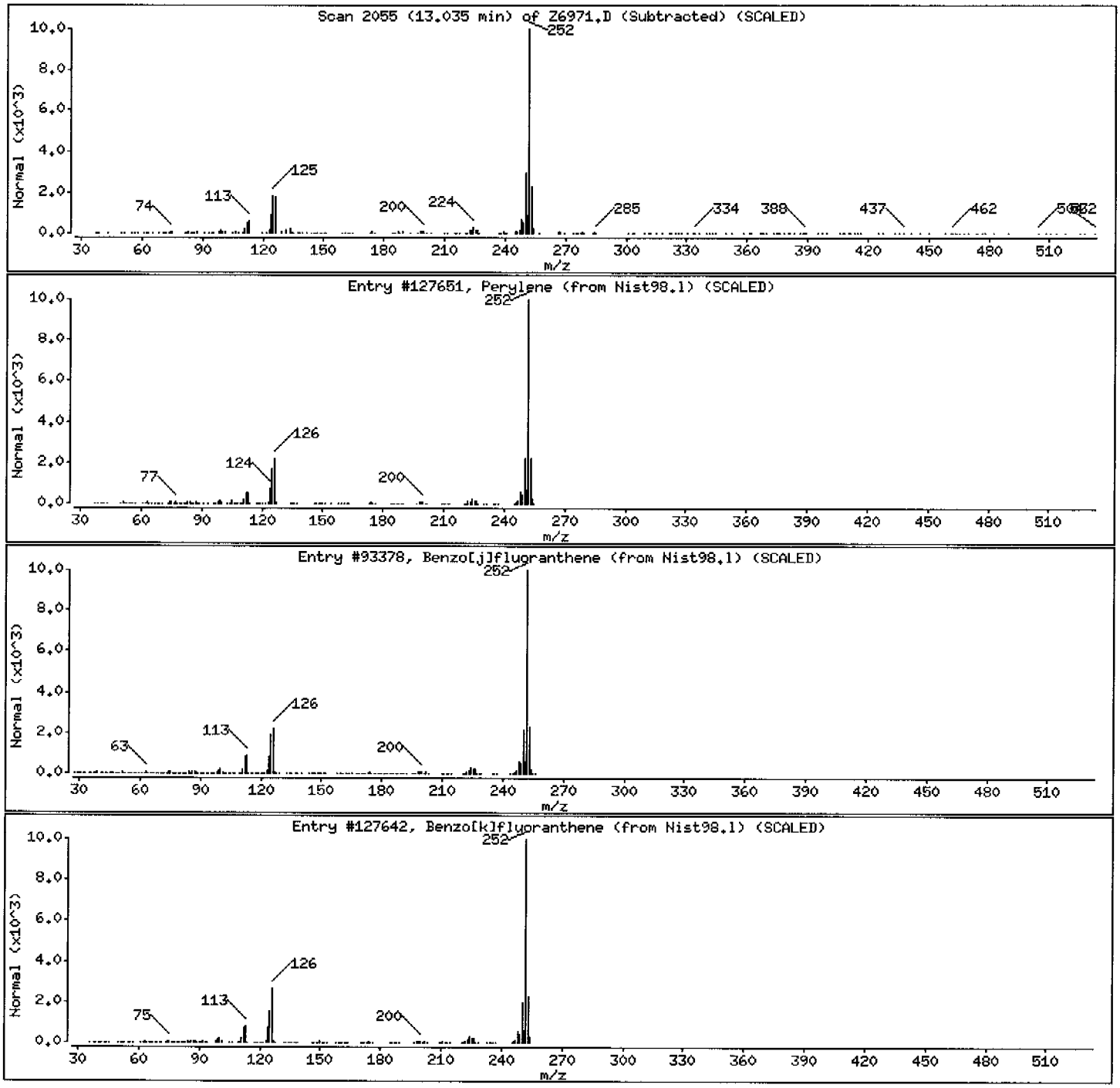
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Perylene	198-55-0	Nist98.l	127651	98	C20H12	252
Benzo[j]fluoranthene	205-82-3	Nist98.l	93378	95	C20H12	252
Benzo[k]fluoranthene	207-08-9	Nist98.l	127642	95	C20H12	252



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

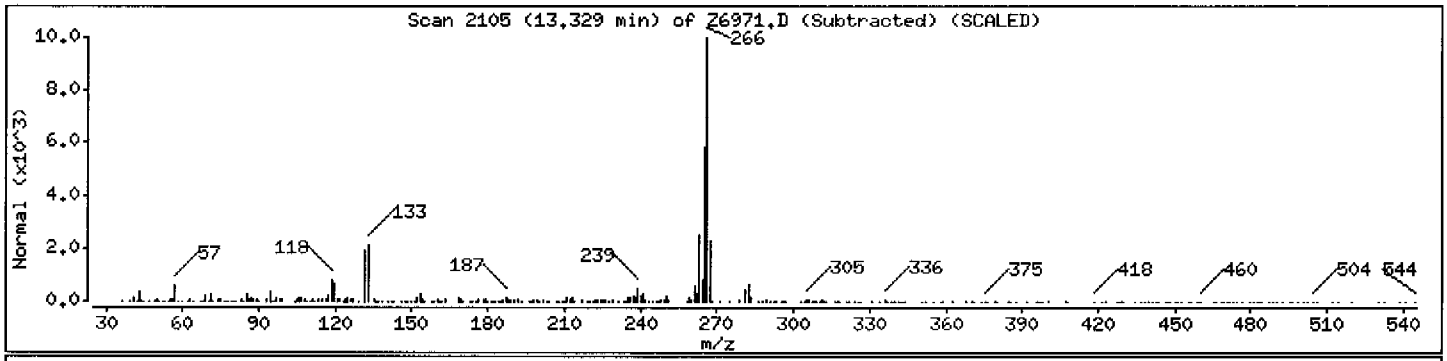
Volume Injected (uL): 2.0

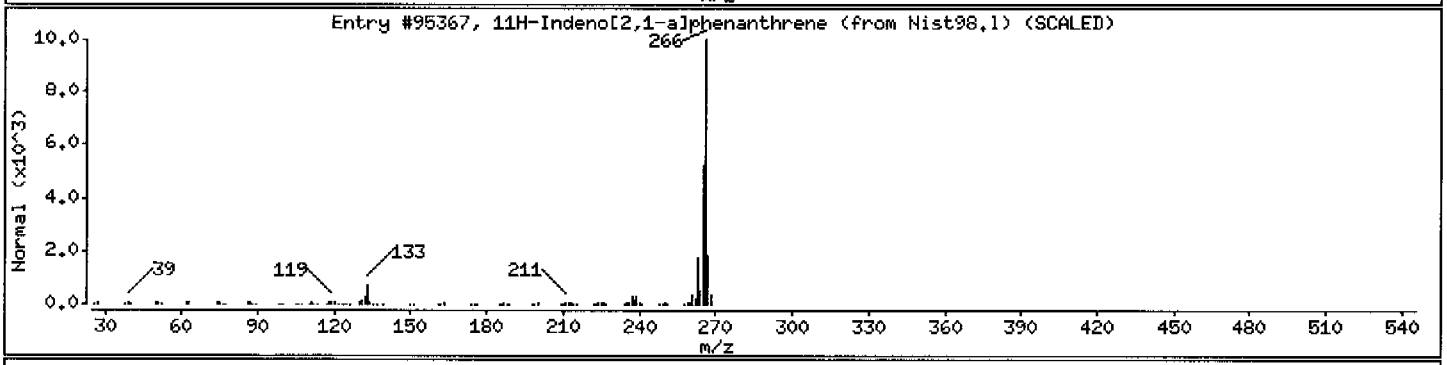
Operator: m.eastman

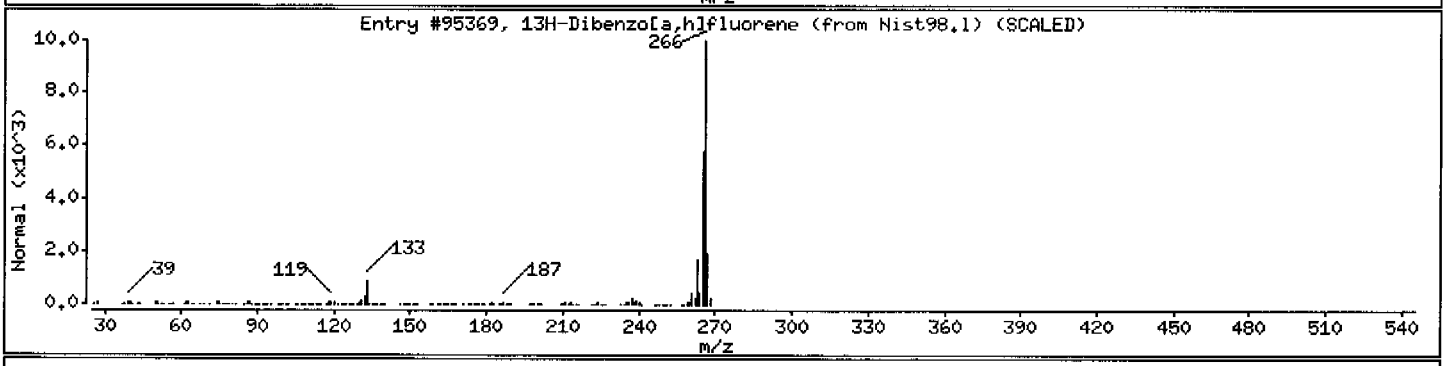
Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Indeno[2,1-a]phenanthre	220-97-3	Nist98.l	95367	93	C21H14	266
13H-Dibenzo[a,h]fluorene	239-85-0	Nist98.l	95369	86	C21H14	266







Date : 24-AUG-2006 15:09

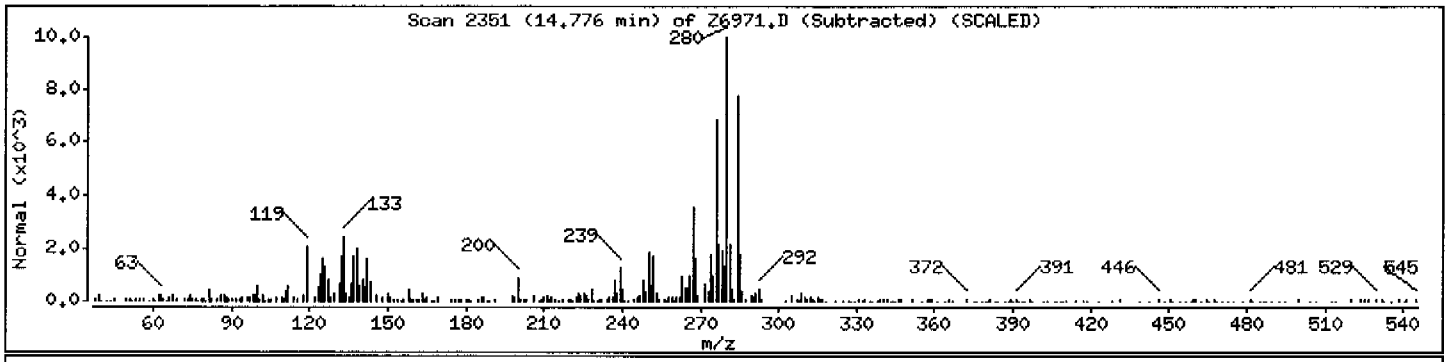
Client ID: SB-39(28-32) Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0 Operator: m.eastman

Column phase: RTX-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

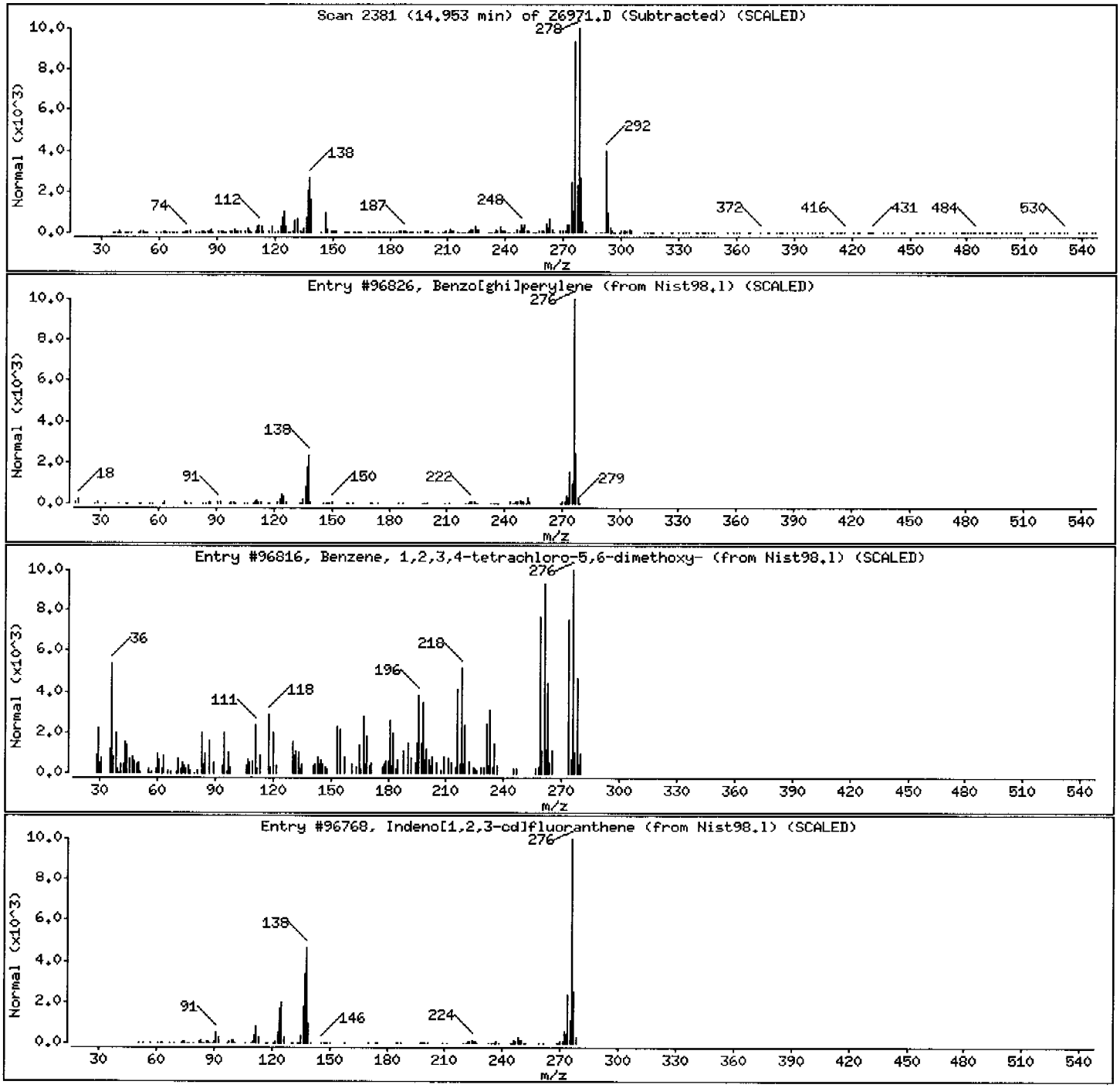
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown PAH						
Benzo[ghi]perylene	191-24-2	Nist98.l	96826	94	C22H12	276
Benzene, 1,2,3,4-tetrachloro-5,6-dimetho	944-61-6	Nist98.l	96816	91	C8H6C14O2	274
Indeno[1,2,3-cd]fluoranthene	193-43-1	Nist98.l	96768	89	C22H12	276



Date : 24-AUG-2006 15:09

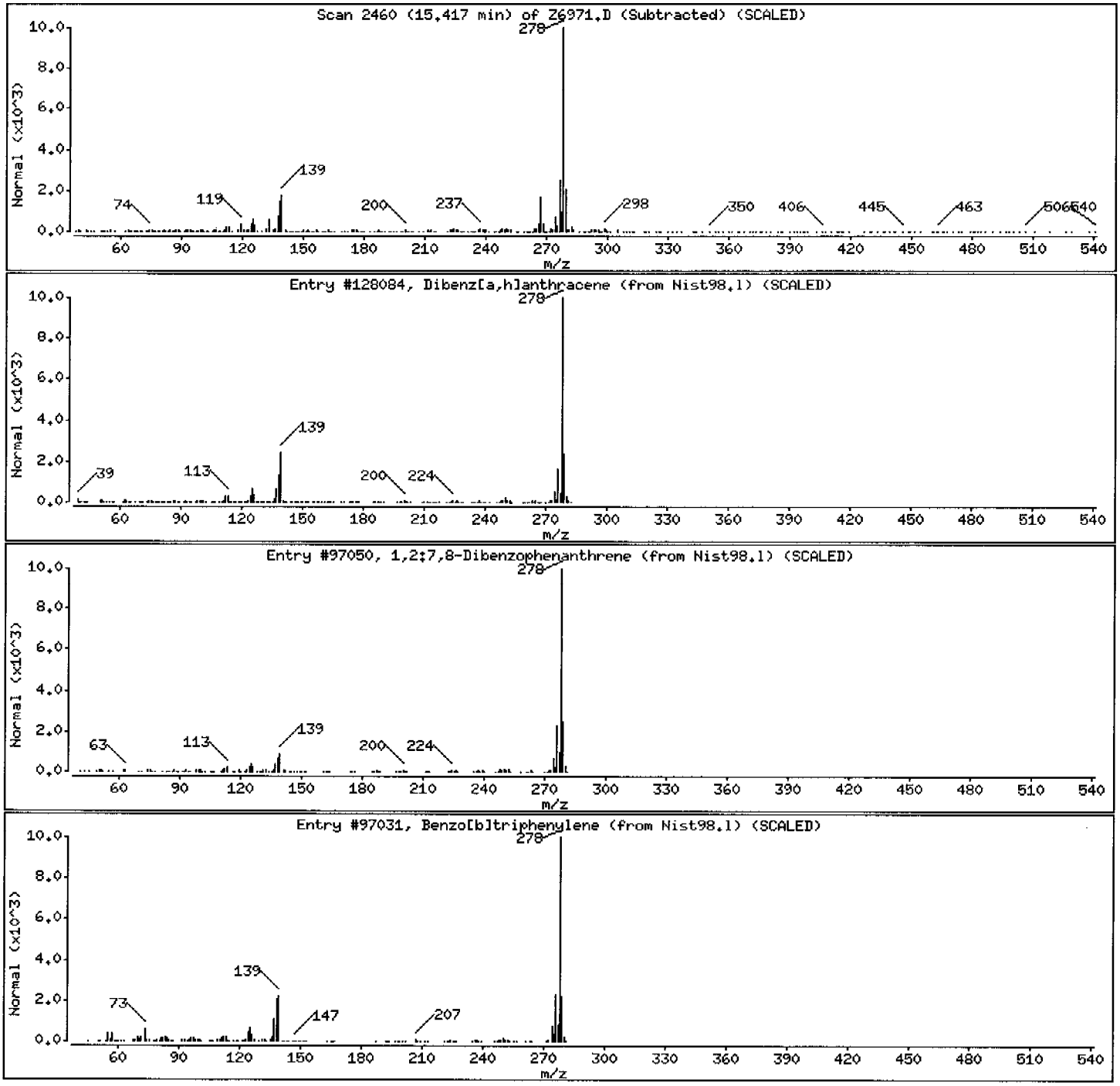
Client ID: SB-39(28-32) Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0 Operator: m.eastman

Column phase: RTX-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown PAH						
Dibenz[a,h]anthracene	53-70-3	Nist98.l	128084	94	C22H14	278
1,2:7,8-Dibenzophenanthrene	213-46-7	Nist98.l	97050	91	C22H14	278
Benzo[b]triphenylene	215-58-7	Nist98.l	97031	89	C22H14	278



Date : 24-AUG-2006 15:09

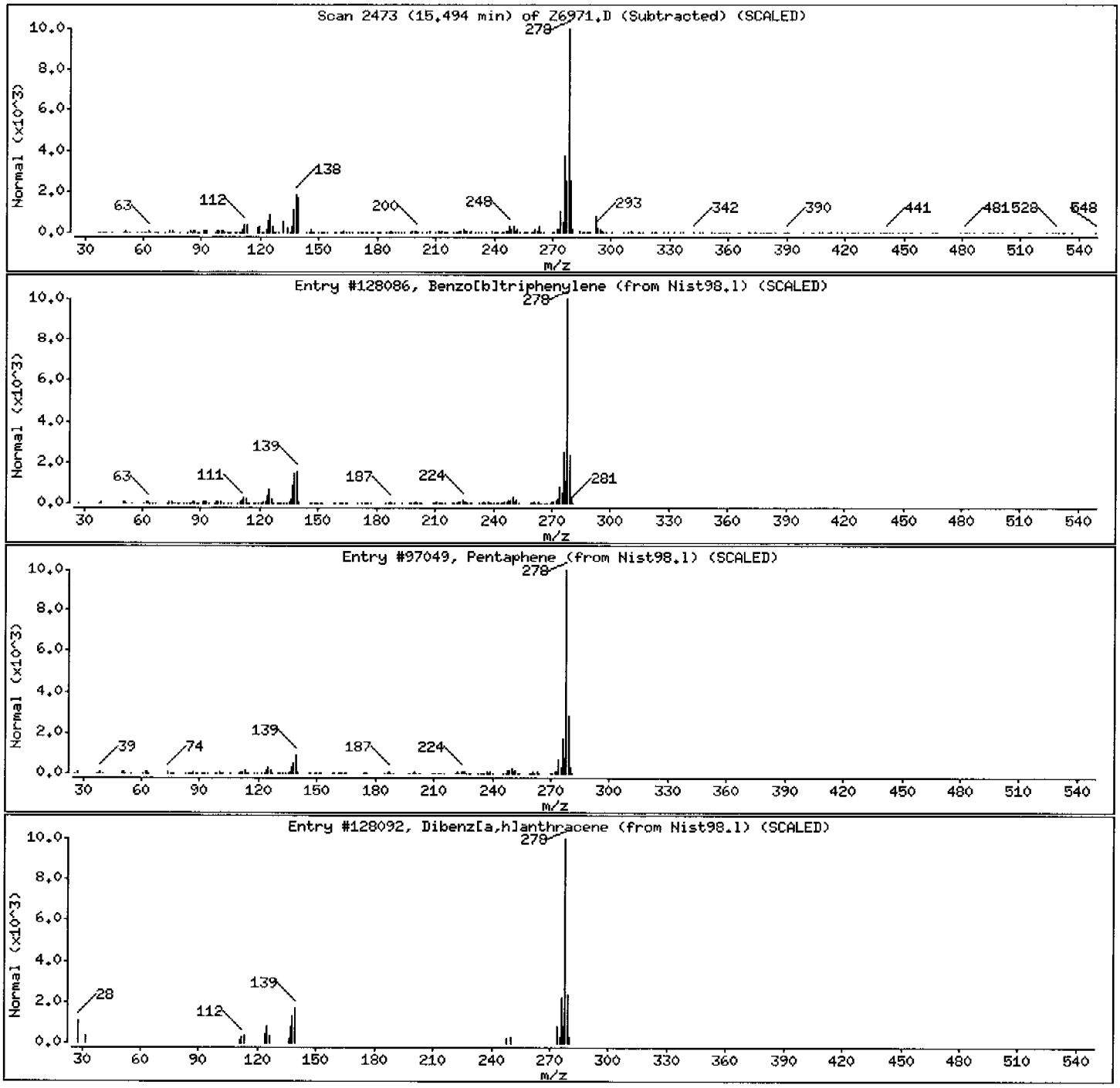
Client ID: SB-39(28-32) Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0 Operator: m.eastman

Column phase: RTX-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo[b]triphenylene	215-58-7	Nist98.l	128086	94	C22H14	278
Pentaphene	222-93-5	Nist98.l	97049	86	C22H14	278
Dibenz[a,h]anthracene	53-70-3	Nist98.l	128092	86	C22H14	278



Date : 24-AUG-2006 15:09

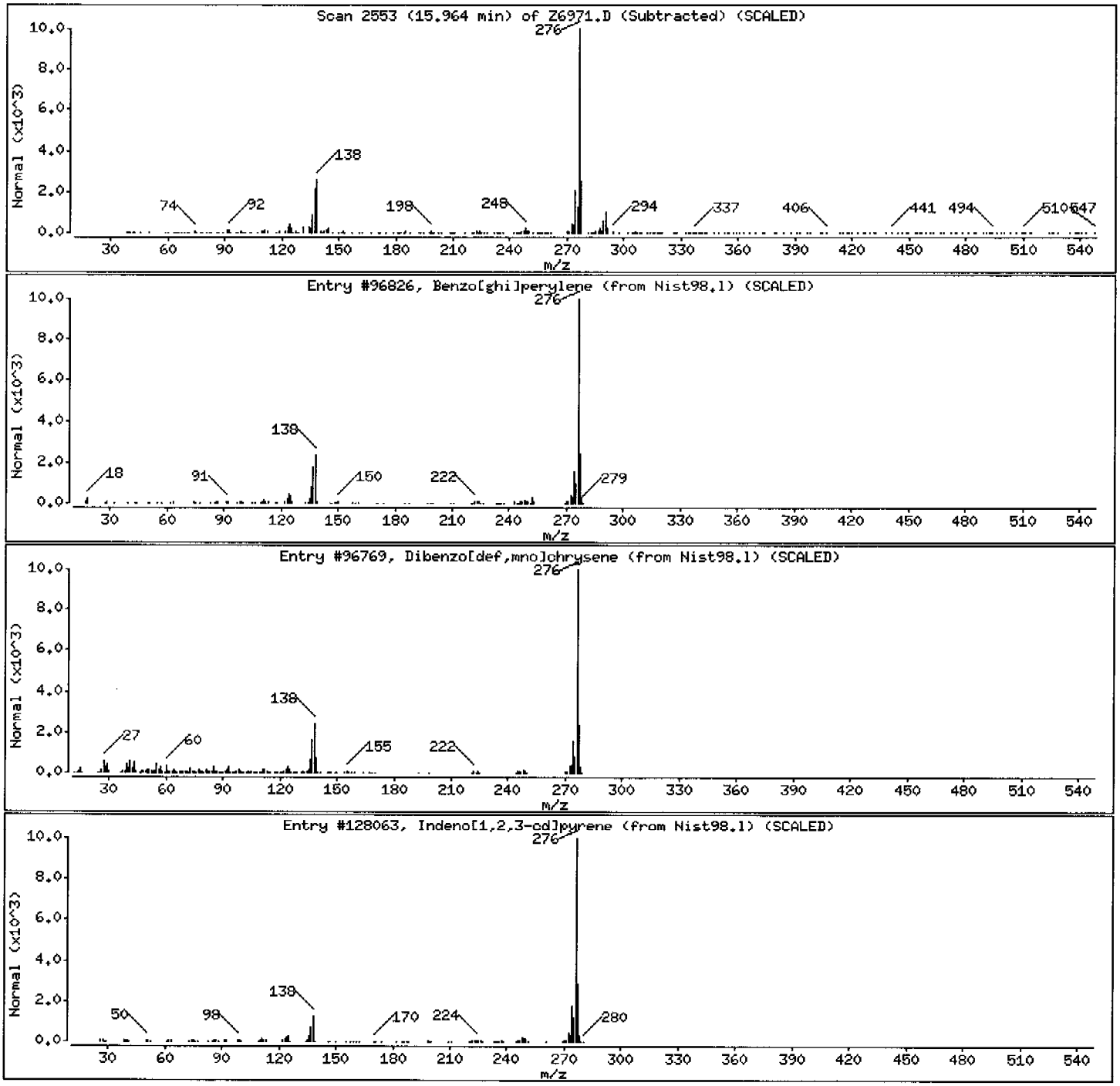
Client ID: SB-39(28-32) Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0 Operator: m.eastman

Column phase: RTX-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown PAH						
Benzo[ghi]perylene	191-24-2	Nist98.l	96826	97	C22H12	276
Dibenzo[def,mno]chrysene	191-26-4	Nist98.l	96769	96	C22H12	276
Indeno[1,2,3-cd]pyrene	193-39-5	Nist98.l	128063	81	C22H12	276



Date : 24-AUG-2006 15:09

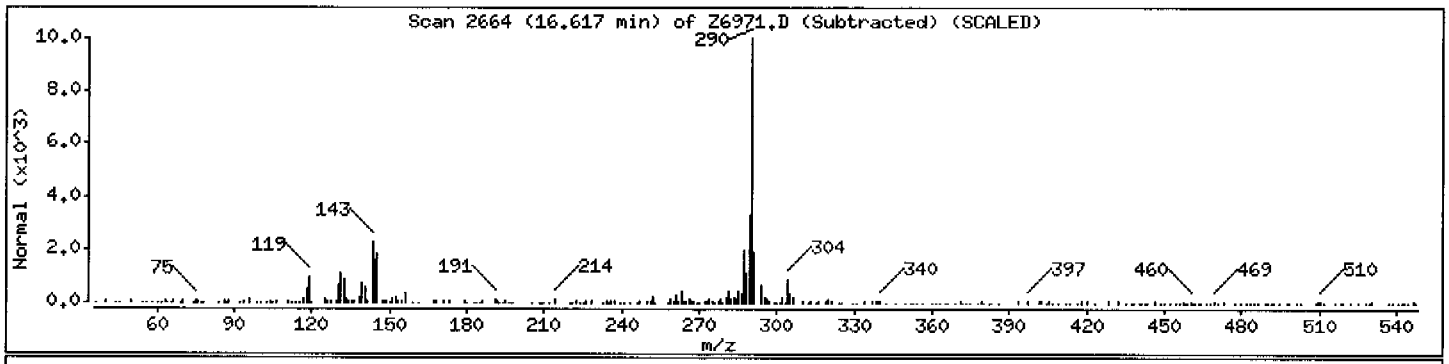
Client ID: SB-39(28-32) Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0 Operator: m.eastman

Column phase: RTX-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6971.D

Date : 24-AUG-2006 15:09

Client ID: SB-39(28-32)

Instrument: msz.i

Sample Info: 213443-1

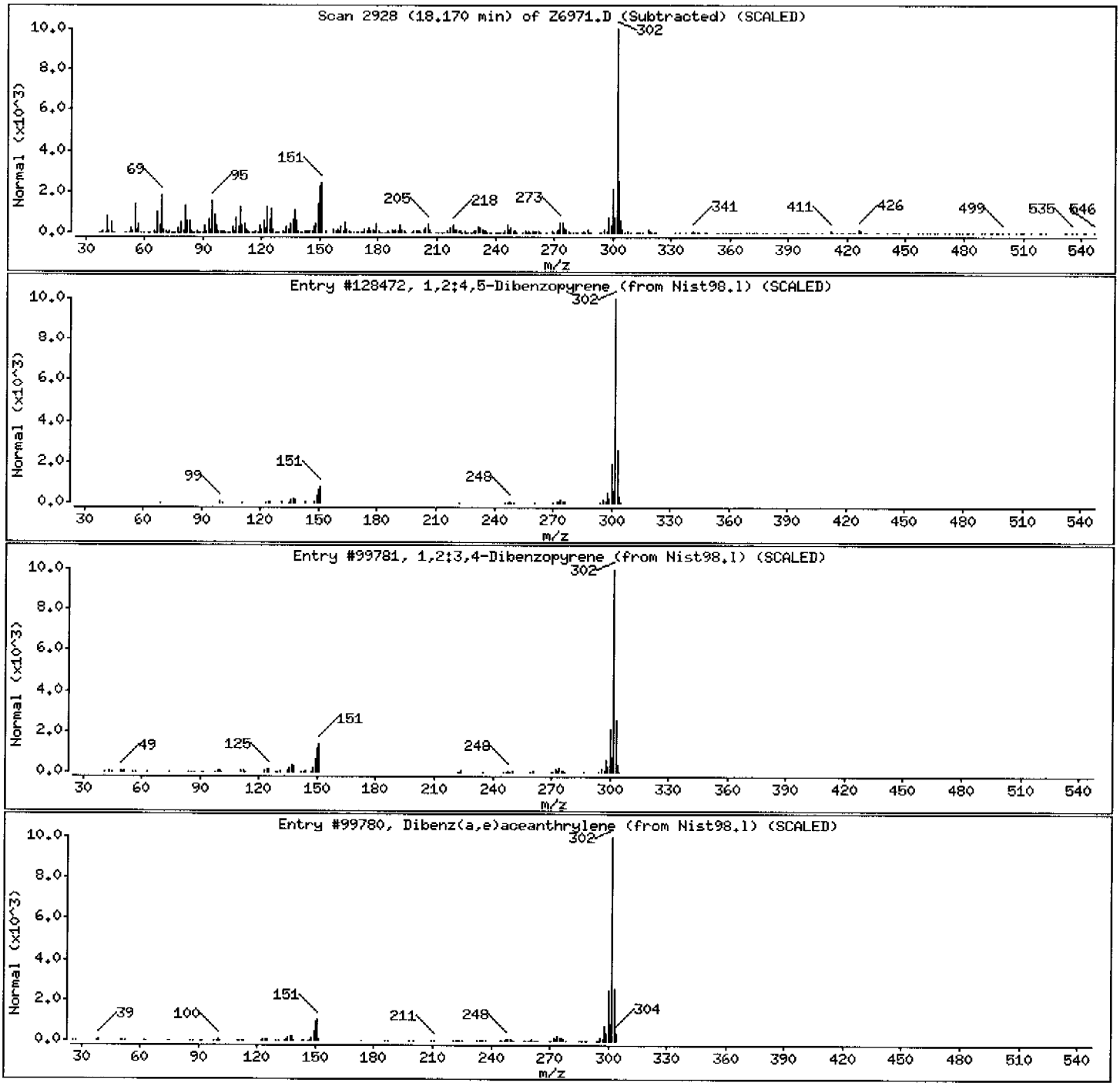
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1,2:4,5-Dibenzopyrene	192-65-4	Nist98.l	128472	97	C24H14	302
1,2:3,4-Dibenzopyrene	191-30-0	Nist98.l	99781	96	C24H14	302
Dibenz(a,e)aceanthrylene	5385-75-1	Nist98.l	99780	95	C24H14	302



Date : 24-AUG-2006 15:09

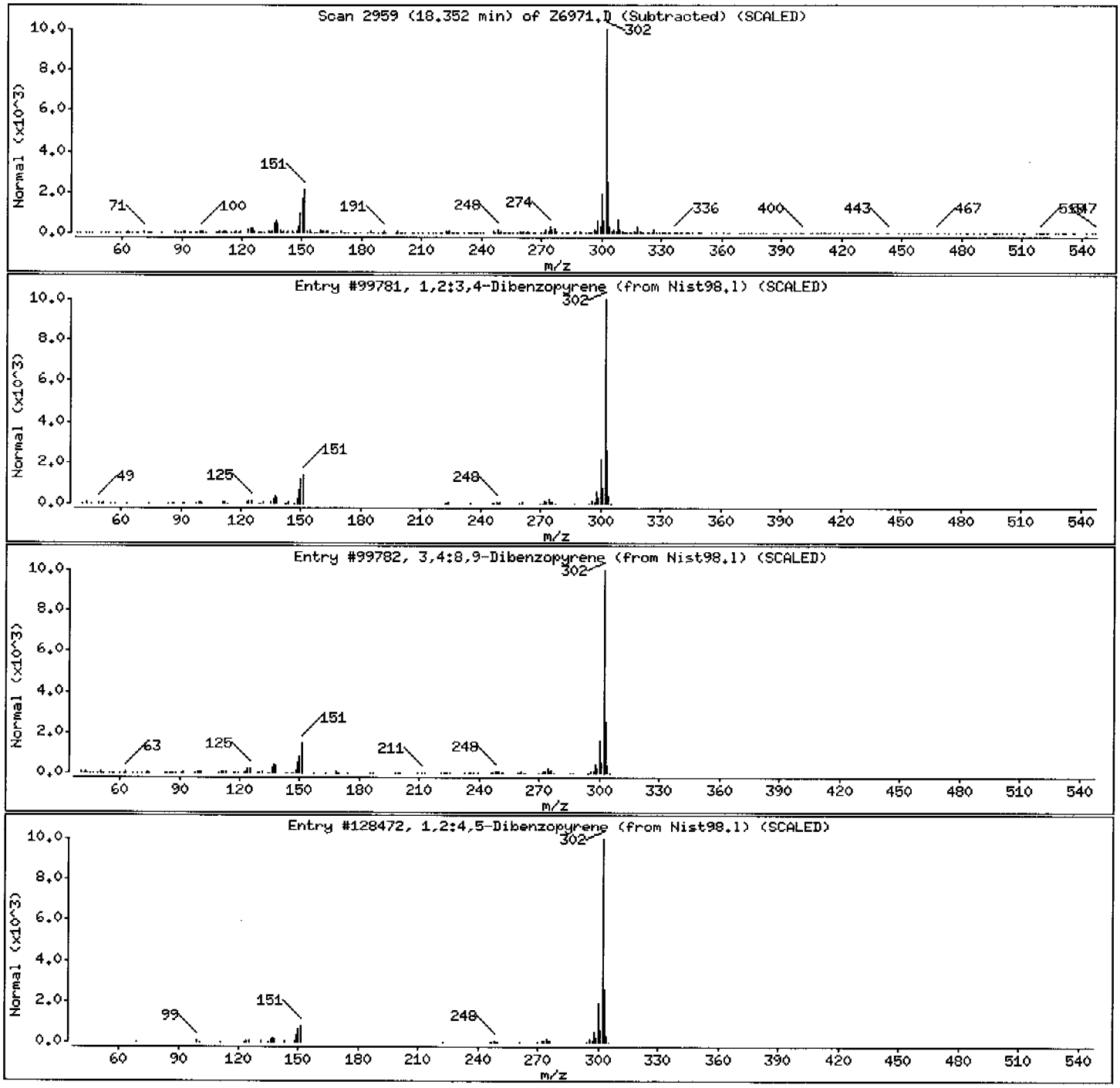
Client ID: SB-39(28-32) Instrument: msz.i

Sample Info: 213443-1

Volume Injected (uL): 2.0 Operator: m.eastman

Column phase: RTX-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1,2:3,4-Dibenzopyrene	191-30-0	Nist98.l	99781	98	C24H14	302
3,4:8,9-Dibenzopyrene	189-64-0	Nist98.l	99782	98	C24H14	302
1,2:4,5-Dibenzopyrene	192-65-4	Nist98.l	128472	98	C24H14	302



LABORATORY TEST RESULTS

Job Number: 213443

Date:08/28/2006

CUSTOMER: ERM

PROJECT: RABCO PRODUCTS

ATTN: Andy Coenen

Customer Sample ID: SB-40(4-5.5)
Date Sampled.....: 08/07/2006
Time Sampled.....: 16:15
Sample Matrix.....: Soil

Laboratory Sample ID: 213443-2
Date Received.....: 08/08/2006
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	82.6			0.10	0.10	1	%	69668		08/08/06 0000	rlm
	% Moisture, Solid	17.4			0.10	0.10	1	%	69668		08/08/06 0000	rlm
OLM04.2	CLP BNA Extractable Organics											
	Phenol, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Bis(2-chloroethyl)ether, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2-Chlorophenol, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2-Methylphenol, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2,2-oxybis (1-chloropropane), Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	4-Methylphenol, Solid*	80	J		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	n-Nitroso-di-n-propylamine, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Hexachloroethane, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Nitrobenzene, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Isophorone, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2-Nitrophenol, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2,4-Dimethylphenol, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Bis(2-chloroethoxy)methane, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2,4-Dichlorophenol, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Naphthalene, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	4-Chloroaniline, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Hexachlorobutadiene, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	4-Chloro-3-methylphenol, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2-Methylnaphthalene, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Hexachlorocyclopentadiene, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2,4,6-Trichlorophenol, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2,4,5-Trichlorophenol, Solid*	ND	U		100	1000	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2-Chloronaphthalene, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2-Nitroaniline, Solid*	ND	U		100	1000	1.00000	ug/Kg	70505		08/24/06 1536	jdw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 213443

Date:08/28/2006

CUSTOMER: ERM

PROJECT: RAECO PRODUCTS

ATTN: Andy Coenen

Customer Sample ID: SB-40(4-5.5)
Date Sampled.....: 08/07/2006
Time Sampled.....: 16:15
Sample Matrix.....: Soil

Laboratory Sample ID: 213443-2
Date Received.....: 08/08/2006
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dimethyl phthalate, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Acenaphthylene, Solid*	68	J		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2,6-Dinitrotoluene, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	3-Nitroaniline, Solid*	ND	U		100	1000	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Acenaphthene, Solid*	46	J		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2,4-Dinitrophenol, Solid*	ND	U		100	1000	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	4-Nitrophenol, Solid*	ND	U		100	1000	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Dibenzofuran, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	2,4-Dinitrotoluene, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Diethyl phthalate, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	4-Chlorophenyl phenyl ether, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Fluorene, Solid*	54	J		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	4-Nitroaniline, Solid*	ND	U		100	1000	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	4,6-Dinitro-2-methylphenol, Solid*	ND	U		100	1000	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	n-Nitrosodiphenylamine, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	4-Bromophenyl phenyl ether, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Hexachlorobenzene, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Pentachlorophenol, Solid*	ND	U		100	1000	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Phenanthrene, Solid*	750			40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Anthracene, Solid*	190	J		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Carbazole, Solid*	63	J		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Di-n-butyl phthalate, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Fluoranthene, Solid*	1800			40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Pyrene, Solid*	690			40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Butyl benzyl phthalate, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	3,3-Dichlorobenzidine, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Benzo(a)anthracene, Solid*	750			40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Chrysene, Solid*	930			40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Bis(2-ethylhexyl)phthalate, Solid*	320	J	B	40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 213443

Date:08/28/2006

CUSTOMER: ERM

PROJECT: RAECO PRODUCTS

ATTN: Andy Coenen

Customer Sample ID: SB-40(4-5.5)
Date Sampled.....: 08/07/2006
Time Sampled.....: 16:15
Sample Matrix.....: Soil

Laboratory Sample ID: 213443-2
Date Received.....: 08/08/2006
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Di-n-octyl phthalate, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Benzo(b)fluoranthene, Solid*	1100			40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Benzo(k)fluoranthene, Solid*	650		M	40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Benzo(a)pyrene, Solid*	880		H	40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Indeno(1,2,3-cd)pyrene, Solid*	530		H	40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Dibenzo(a,h)anthracene, Solid*	120	J	H	40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Benzo(ghi)perylene, Solid*	440		H	40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Benzaldehyde, Solid*	170	J		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Acetophenone, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Caprolactam, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	1,1'-Biphenyl, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw
	Atrazine, Solid*	ND	U		40	400	1.00000	ug/Kg	70505		08/24/06 1536	jdw

* In Description = Dry Wgt.

1G

EPA SAMPLE NO.

SB-40(4-5.5)

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Matrix: (soil/water) SOIL Lab Sample ID: 213443-2

Sample wt/vol: 30.2 (g/mL) G Lab File ID: Z6972

Level: (low/med) LOW Date Received: 08/08/06

% Moisture: 17 Decanted: (Y/N) N Date Extracted:08/14/06

Concentrated Extract Volume: 500(uL) Date Analyzed: 08/24/06

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: ___ Extraction: (Type) CONT

Number TICs found: 30 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN AMIDE	2.56	290	J
2.		UNKNOWN	6.16	170	J
3.	57-10-3	N-HEXADECANOIC ACID	8.16	300	NJ
4.	781-92-0	ANTHRACENE, 1,4-DIMETHYL-	8.65	260	NJ
5.	57-11-4	OCTADECANOIC ACID	8.98	160	NJ
6.	33543-31-6	FLUORANTHENE, 2-METHYL-	9.40	150	NJ
7.	239-35-0	BENZO[B]NAPHTHO[2,1-D]THIOPH	10.16	170	NJ
8.	1740-19-8	1-PHENANTHRENECARBOXYLIC ACI	10.32	580	NJ
9.	1705-84-6	TRIPHENYLENE, 2-METHYL-	11.15	190	NJ
10.	3351-31-3	CHRYSENE, 3-METHYL-	11.22	160	NJ
11.		UNKNOWN	11.46	180	J
12.		UNKNOWN	12.44	280	J
13.		UNKNOWN PAH	12.51	180	J
14.		UNKNOWN	12.70	400	J
15.	192-97-2	BENZO[E]PYRENE	12.84	550	NJ
16.		UNKNOWN	12.99	180	J
17.	198-55-0	PERYLENE	13.09	170	NJ
18.		UNKNOWN	13.28	370	J
19.		UNKNOWN	13.63	230	J
20.		UNKNOWN	13.76	220	J
21.		UNKNOWN	14.11	310	J
22.		UNKNOWN	14.23	630	J
23.		UNKNOWN	14.28	200	J
24.		UNKNOWN	14.88	1200	J
25.		UNKNOWN PAH	15.04	160	J
26.		UNKNOWN	15.65	450	J
27.		UNKNOWN	16.28	380	J
28.		UNKNOWN	16.42	180	J
29.		UNKNOWN	17.06	250	J
30.		UNKNOWN	18.01	180	J

STL-CT

Semivolatile REPORT OLM Compounds

Data file : \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D
Lab Smp Id: 213443-2 Client Smp ID: SB-40(4-5.5)
Inj Date : 24-AUG-2006 15:36
Operator : m.eastman Inst ID: msz.i
Smp Info : 213443-2
Misc Info : :S ; ;0.500
Comment :
Method : \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Mszclp.m
Meth Date : 28-Aug-2006 09:23 cheryl Quant Type: ISTD
Cal Date : 24-AUG-2006 13:23 Cal File: Z6967.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: olm42.sub
Target Version: 4.10
Processing Host: CONSVOA

Concentration Formula:
Amt * DF * Uf * Vt*G/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	ng unit correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
G	2.000	GPC Factor
Ws	30.200	Weight of sample extracted (g)
Vi	2.000	Volume Injected
M	17.400	% Moisture
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
* 1 1,4-Dichlorobenzene-d4	152	2.923	2.917	(1.000)	437267	20.0000	
$ 2 2-Fluorophenol	112	1.841	1.823	(0.630)	1566849	57.2550	2300
$ 3 Phenol-d5	99	2.670	2.665	(0.913)	2551340	70.1111	2800
128 Benzaldehyde	77	2.529	2.523	(0.865)	26900	4.16844	170
$ 157 2-Chlorophenol-d4	132	2.753	2.747	(0.942)	1759649	61.2155	2500
$ 158 1,2-Dichlorobenzene-d4	152	3.100	3.100	(1.060)	291257	15.8381	630
92 Acetophenone	105	3.335	3.335	(1.141)	18605	0.45340	18
19 4-Methylphenol	108	3.370	3.370	(1.153)	59207	1.99368	80
* 20 Naphthalene-d8	136	4.165	4.170	(1.000)	1717209	20.0000	
$ 21 Nitrobenzene-d5	82	3.476	3.476	(0.835)	970379	31.3543	1300
30 Naphthalene	128	4.188	4.188	(1.006)	76553	0.91197	37
34 2-Methylnaphthalene	142	4.894	4.900	(1.175)	43920	0.78898	32
* 35 Acenaphthene-d10	164	5.988	5.994	(1.000)	812213	20.0000	
$ 40 2-Fluorobiphenyl	172	5.306	5.311	(0.886)	2345393	49.5136	2000
43 Acenaphthylene	152	5.835	5.829	(0.974)	114543	1.70553	68
46 Acenaphthene	153	6.023	6.023	(1.006)	47209	1.13990	46
49 Dibenzofuran	168	6.188	6.194	(1.033)	51407	0.86836	35

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)	
	52 Fluorene	166	6.547	6.553	(1.093)	63846	1.33892	54	
$	56 2,4,6-Tribromophenol	330	6.823	6.829	(1.139)	462284	63.4380	2500	
*	57 Phenanthrene-d10	188	7.517	7.523	(1.000)	1098480	20.0000		
	64 Phenanthrene	178	7.541	7.547	(1.003)	975162	18.7998	750	
	65 Carbazole	167	7.770	7.776	(2.658)	131391	1.57272	63	
	66 Anthracene	178	7.588	7.588	(1.009)	243415	4.64274	190	
	68 Fluoranthene	202	8.794	8.794	(1.170)	2395104	45.4591	1800	
*	70 Chrysene-d12	240	10.523	10.505	(1.000)	2051755	20.0000		
	72 Pyrene	202	9.023	9.023	(0.857)	2203926	17.1313	690	
$	73 Terphenyl-d14	244	9.217	9.211	(0.876)	2531254	29.1533	1200	
	76 Benzo(a)anthracene	228	10.499	10.482	(0.998)	1824098	18.6597	750	
	77 Chrysene	228	10.558	10.540	(1.003)	2164927	23.3191	930	
	78 Bis(2-Ethylhexyl)phthalate	149	10.688	10.670	(1.016)	530912	8.00820	320	
*	79 Perylene-d12	264	13.052	12.970	(1.000)	2650920	20.0000		
	81 Benzo(b)fluoranthene	252	12.329	12.264	(0.945)	3842305	27.8039	1100	
	82 Benzo(k)fluoranthene	252	12.358	12.305	(0.947)	2479169	16.2965	650	(MH)
	83 Benzo(a)pyrene	252	12.935	12.858	(0.991)	2801535	21.9998	880	(H)
	84 Indeno(1,2,3-cd)pyrene	276	15.240	15.128	(1.168)	1585431	13.1163	530	(H)
	85 Dibenzo(a,h)anthracene	278	15.281	15.187	(1.171)	373766	3.09796	120	(H)
	86 Benzo(g,h,i)perylene	276	15.770	15.658	(1.208)	1427799	10.9264	440	(H)

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

STL-CT

Semivolatile REPORT OLM Compounds

Data file : \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D
Lab Smp Id: 213443-2 Client Smp ID: SB-40(4-5.5)
Inj Date : 24-AUG-2006 15:36
Operator : m.eastman Inst ID: msz.i
Smp Info : 213443-2
Misc Info : :S ; ;0.500
Comment :
Method : \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Mszclp.m
Meth Date : 28-Aug-2006 09:23 cheryl Quant Type: ISTD
Cal Date : 24-AUG-2006 13:23 Cal File: Z6967.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: olm42.sub
Target Version: 4.10
Processing Host: CONSVOA

Concentration Formula: Amt * DF * Uf * Vt*G/(Ws *Vi* ((100 - M)/100))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	ng unit correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
G	2.000	GPC Factor
Ws	30.200	Weight of sample extracted (g)
Vi	2.000	Volume Injected
M	17.400	% Moisture

	ISTD	RT	AREA	AMOUNT
* 1	1,4-Dichlorobenzene-d4	2.924	2844918	20.000
* 35	Acenaphthene-d10	5.988	3699663	20.000
* 57	Phenanthrene-d10	7.518	3323657	20.000
* 70	Chrysene-d12	10.523	8169692	20.000
* 79	Perylene-d12	13.053	9163261	20.000

	CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Amide			CAS #:				
2.559	1024058	7.19920563	290	0		0	1
Unknown			CAS #:				
6.159	801089	4.33060699	170	0		0	35

RT	AREA	CONCENTRATIONS ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Unknown Cycloalkane				CAS #:			
6.959	698825	4.20515524	170	0		0	57
Unknown straight alkane				CAS #:			
7.900	935183	5.62743071	230	0		0	57
n-Hexadecanoic acid				CAS #:	57-10-3		
8.159	1235502	7.43459528	300	97	Nist98.l	109985	57
Unknown straight alkane				CAS #:			
8.324	1366808	8.22472192	330	0		0	57
Anthracene, 1,4-dimethyl-				CAS #:	781-92-0		
8.653	1067486	6.42356299	260	93	Nist98.l	84603	57
Unknown straight alkane				CAS #:			
8.729	2006933	12.0766517	480	0		0	57
Unknown Alkane				CAS #:			
8.894	1008166	6.06660812	240	0		0	57
Octadecanoic acid				CAS #:	57-11-4		
8.976	667244	4.01512195	160	97	Nist98.l	109986	57
Unknown straight alkane				CAS #:			
9.118	1628226	3.98601588	160	0		0	70
Fluoranthene, 2-methyl-				CAS #:	33543-31-6		
9.400	1558747	3.81592570	150	94	Nist98.l	126766	70
Unknown straight alkane				CAS #:			
9.506	1689285	4.13549235	170	0		0	70
Unknown straight alkane				CAS #:			
9.923	1255875	3.07447187	120	0		0	70
Benzo[b]naphtho[2,1-d]thiophene				CAS #:	239-35-0		
10.159	1711727	4.19043192	170	95	Nist98.l	127260	70
1-Phenanthrenecarboxylic acid, 1,2,3,4,4				CAS #:	1740-19-8		
10.323	5946330	14.5570472	580	96	Nist98.l	97880	70
Triphenylene, 2-methyl-				CAS #:	1705-84-6		
11.153	1964097	4.80825225	190	96	Nist98.l	91731	70
Chrysene, 3-methyl-				CAS #:	3351-31-3		
11.223	1614463	3.95232321	160	90	Nist98.l	91704	70
Unknown				CAS #:			
11.465	1855755	4.54302227	180	0		0	70
Unknown				CAS #:			
12.435	3239811	7.07130473	280	0		0	79

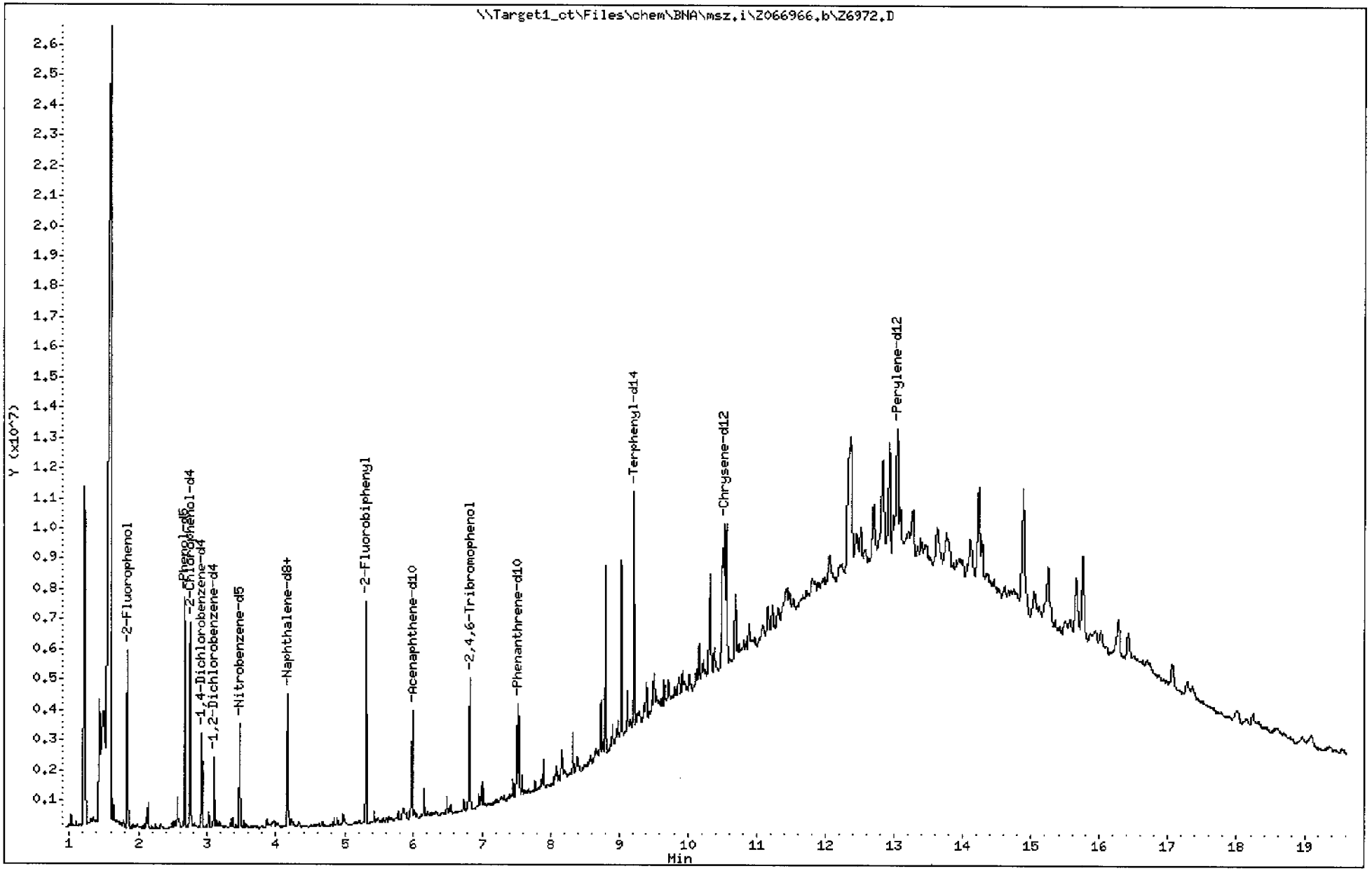
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown PAH				CAS #:			
12.512	2068130	4.51395999	180	0		0	79
Unknown				CAS #:			
12.700	4534896	9.89799503	400	0		0	79
Benzo[e]pyrene				CAS #: 192-97-2			
12.841	6313784	13.7806481	550	93	Nist98.l	127650	79(L)
Unknown				CAS #:			
12.988	2113498	4.61298261	180	0		0	79
Perylene				CAS #: 198-55-0			
13.094	1989495	4.34232892	170	93	Nist98.l	127651	79(L)
Unknown				CAS #:			
13.276	4190392	9.14607204	370	0		0	79
Unknown				CAS #:			
13.629	2645749	5.77468849	230	0		0	79
Unknown				CAS #:			
13.758	2487703	5.42973342	220	0		0	79
Unknown				CAS #:			
14.106	3526187	7.69635737	310	0		0	79
Unknown				CAS #:			
14.229	7252814	15.8302027	630	0		0	79
Unknown				CAS #:			
14.282	2299402	5.01874269	200	0		0	79
Unknown				CAS #:			
14.876	13799949	30.1201711	1200	0		0	79
Unknown PAH				CAS #:			
15.041	1863523	4.06737859	160	0		0	79
Unknown				CAS #:			
15.652	5135472	11.2088315	450	0		0	79
Unknown				CAS #:			
16.276	4308229	9.40326675	380	0		0	79
Unknown				CAS #:			
16.423	2061255	4.49895427	180	0		0	79
Unknown				CAS #:			
17.058	2835474	6.18878771	250	0		0	79
Unknown				CAS #:			
18.011	2035244	4.44218200	180	0		0	79

QC Flag Legend

L - Operator selected an alternate library search match.

Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D
Date : 24-AUG-2006 15:36
Client ID: SB-40(4-5.5)
Sample Info: 213443-2
Volume Injected (uL): 2.0
Column phase: RTX-5

Instrument: msz.i
Operator: m.eastman
Column diameter: 0.25



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0

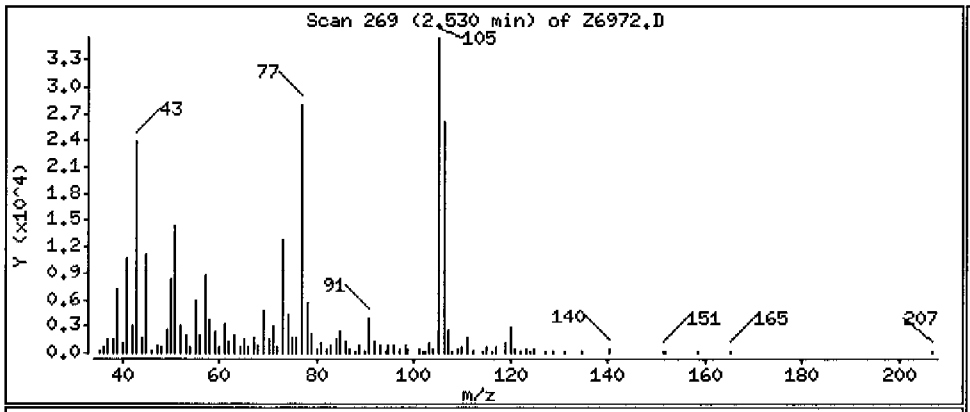
Operator: m.eastman

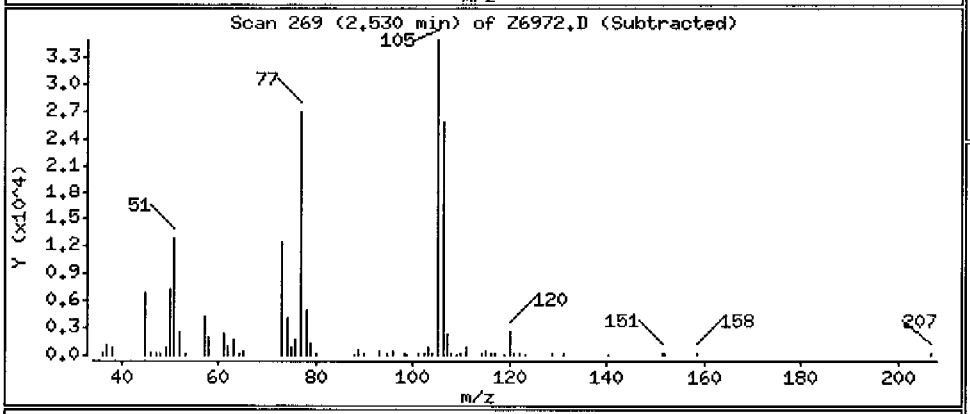
Column phase: RTX-5

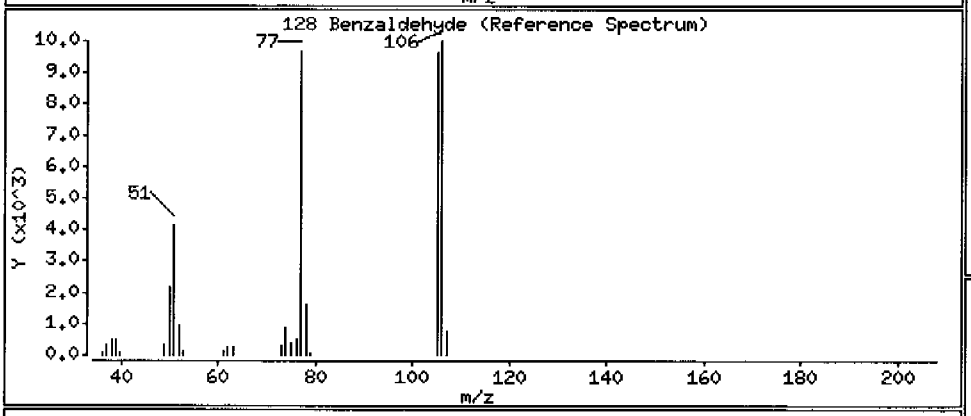
Column diameter: 0.25

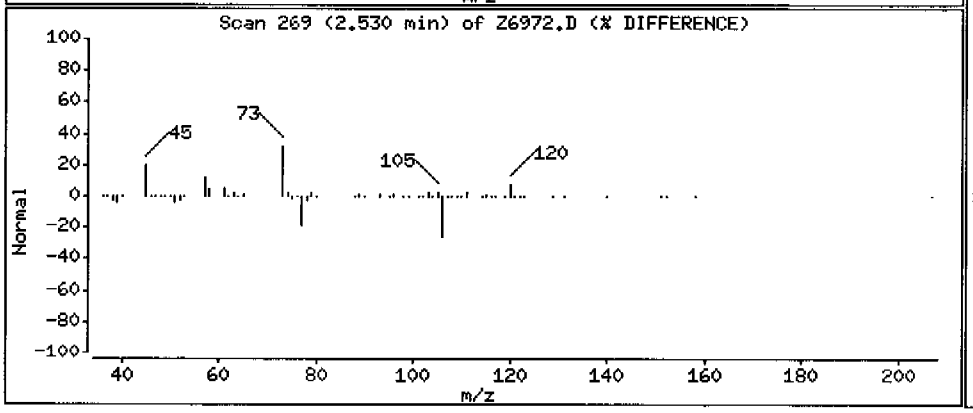
128 Benzaldehyde

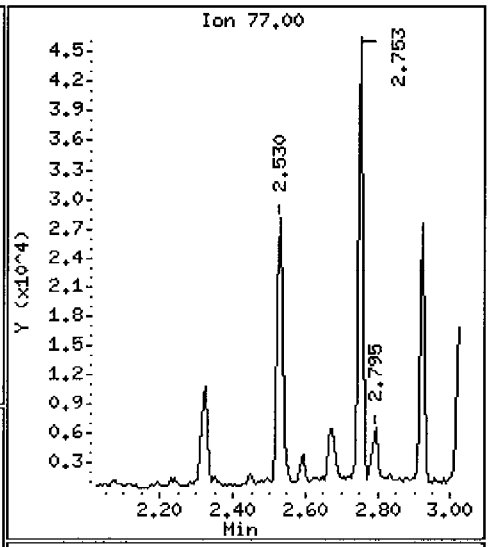
Concentration: 170 ug/Kg

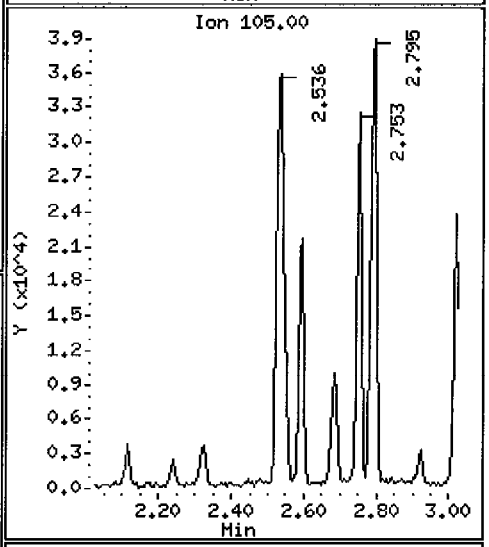


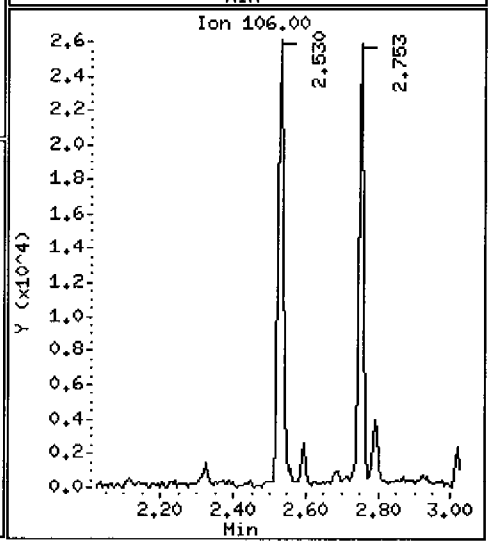












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0

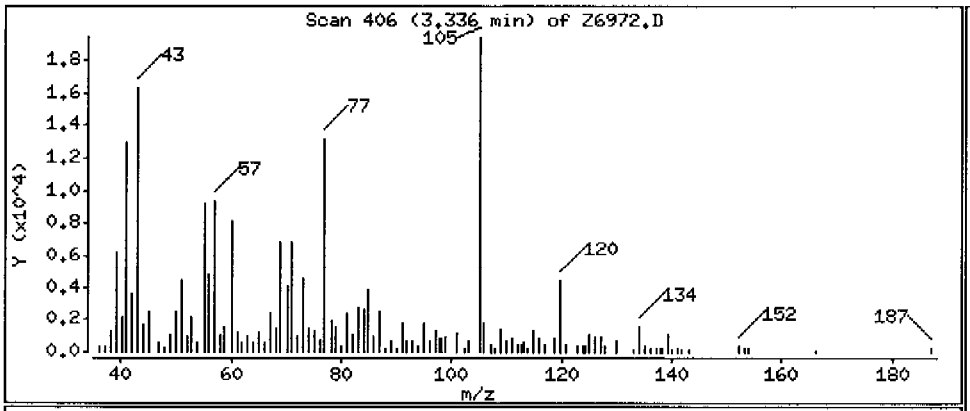
Operator: m.eastman

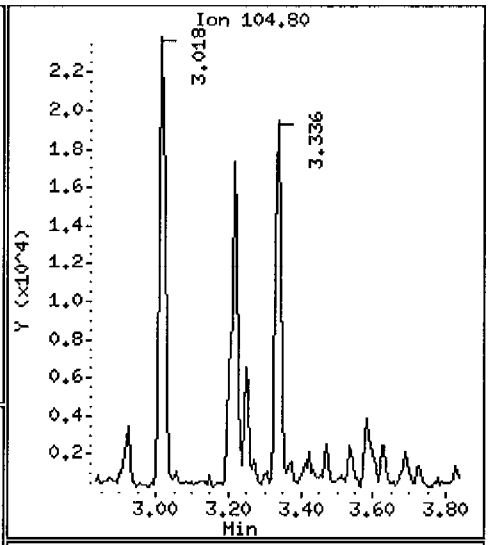
Column phase: RTX-5

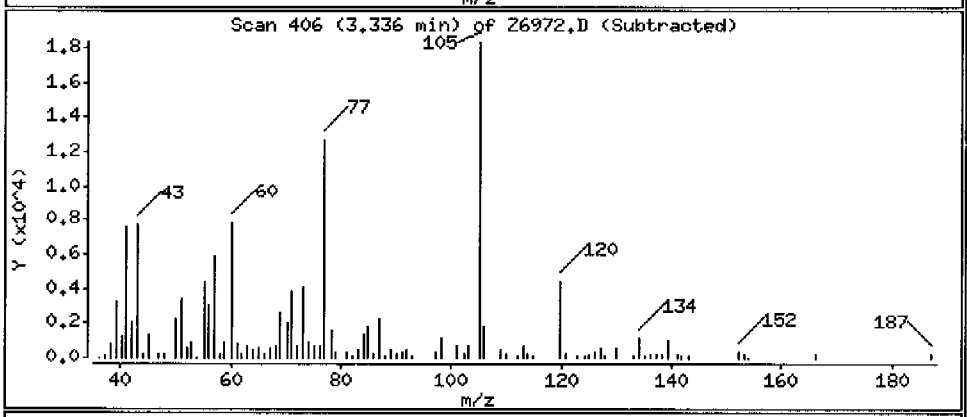
Column diameter: 0.25

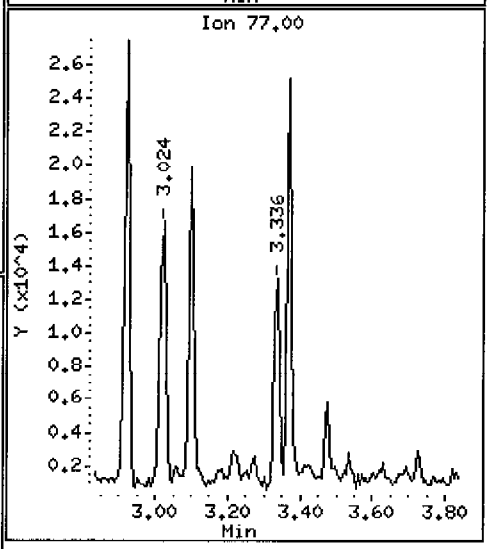
92 Acetophenone

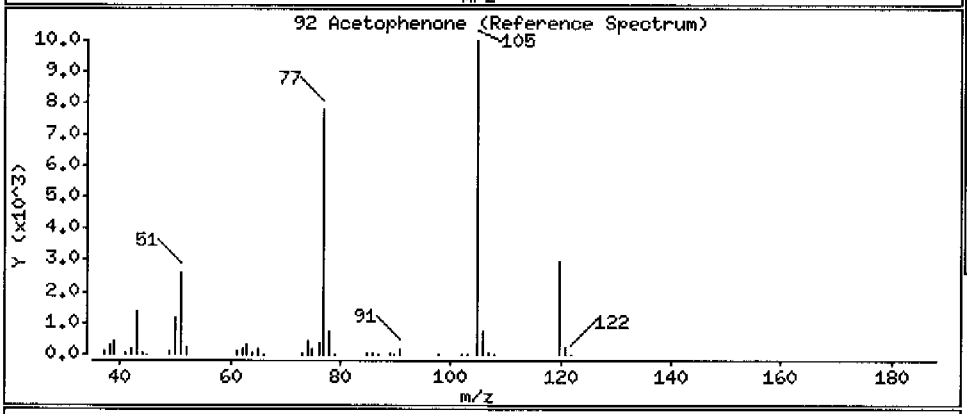
Concentration: 18 ug/Kg

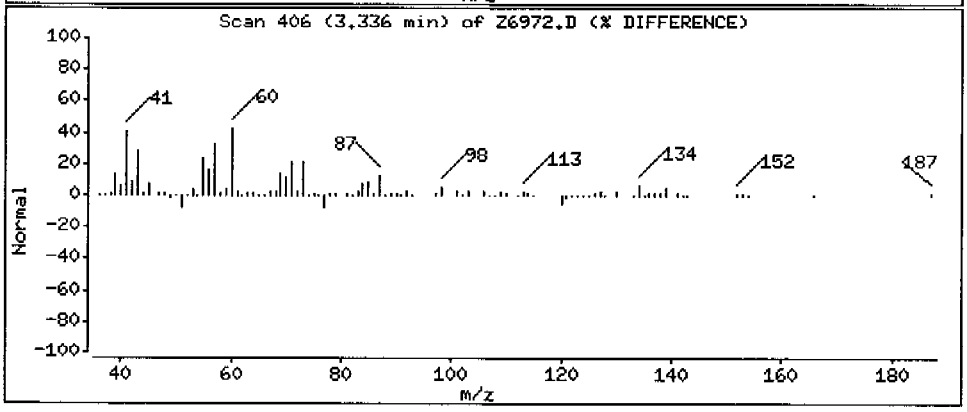












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0

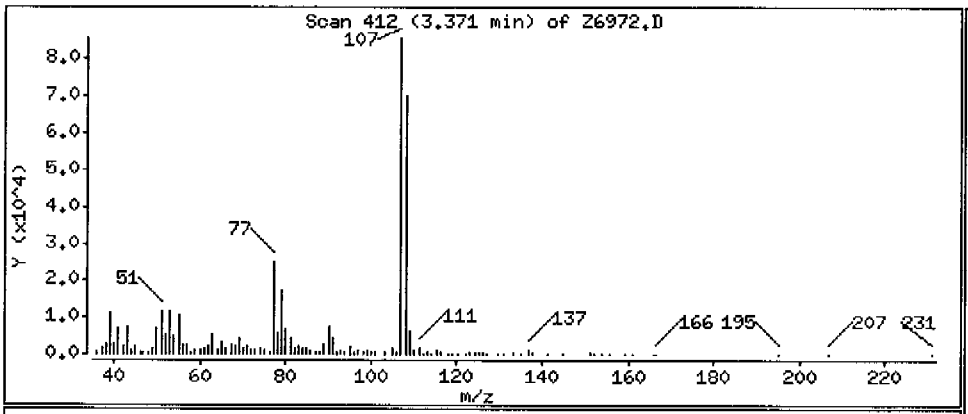
Operator: m.eastman

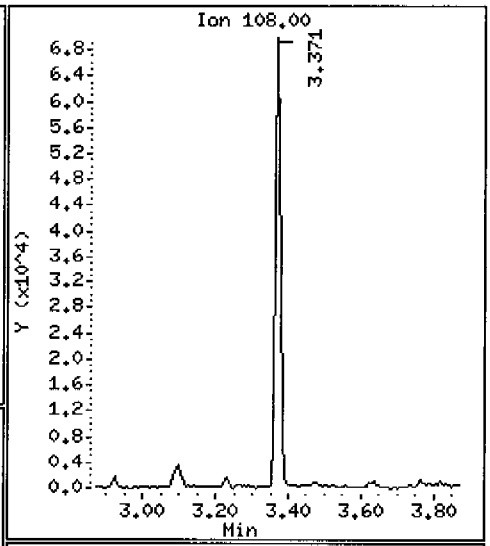
Column phase: RTX-5

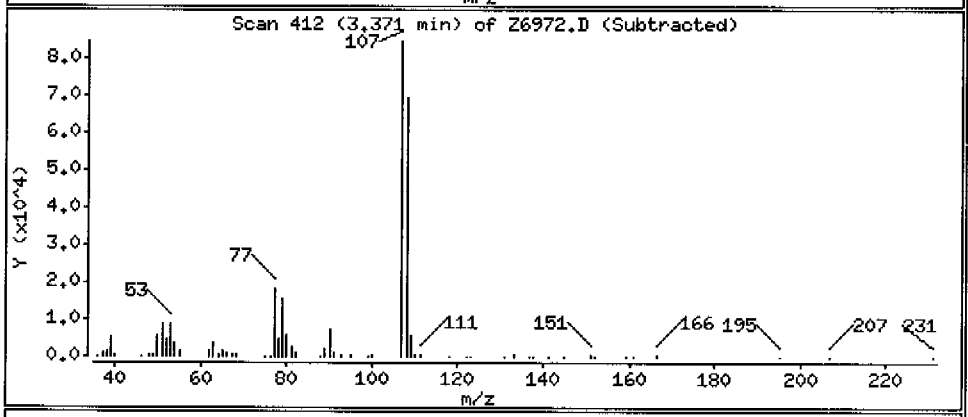
Column diameter: 0.25

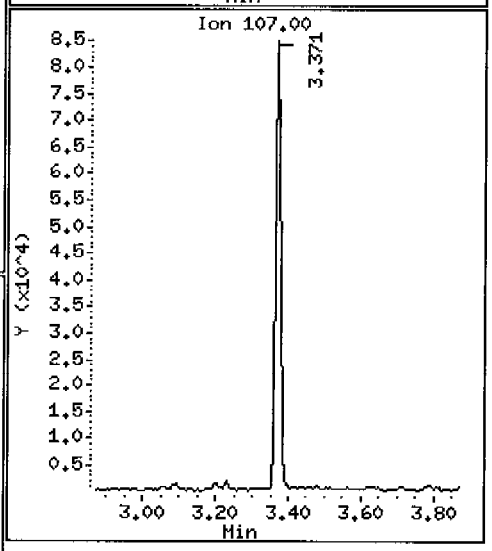
19 4-Methylphenol

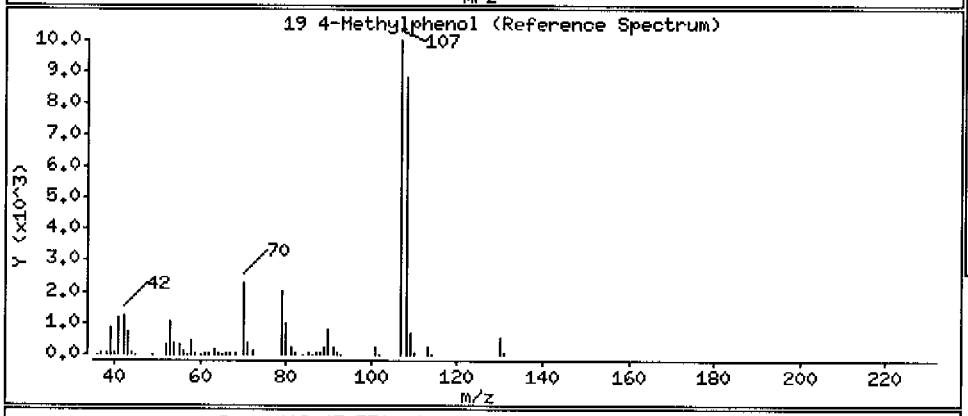
Concentration: 80 ug/Kg

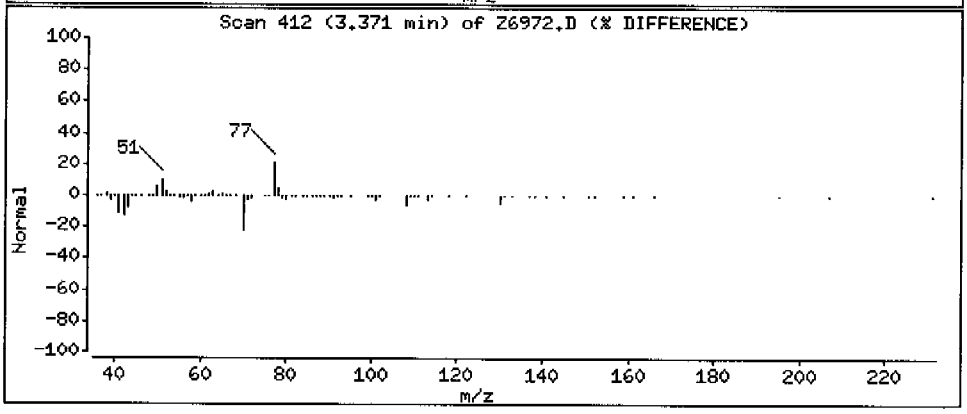












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0

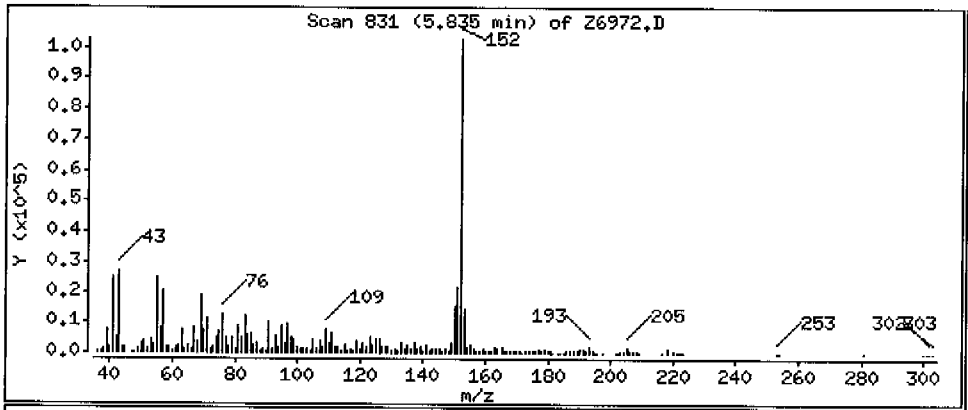
Operator: m.eastman

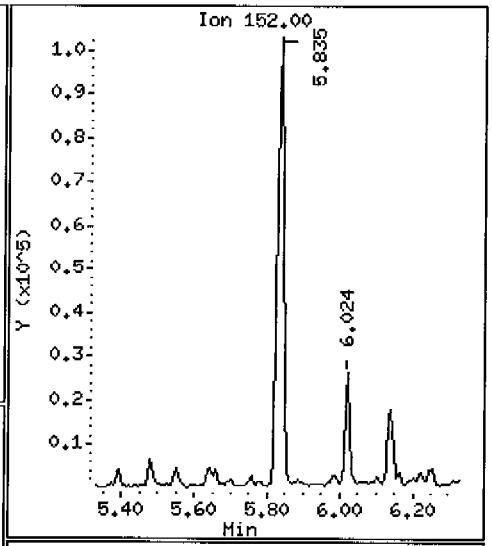
Column phase: RTX-5

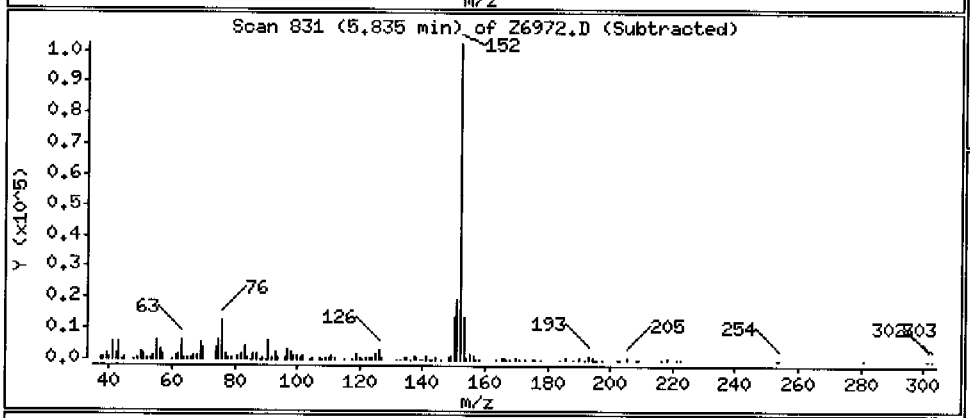
Column diameter: 0.25

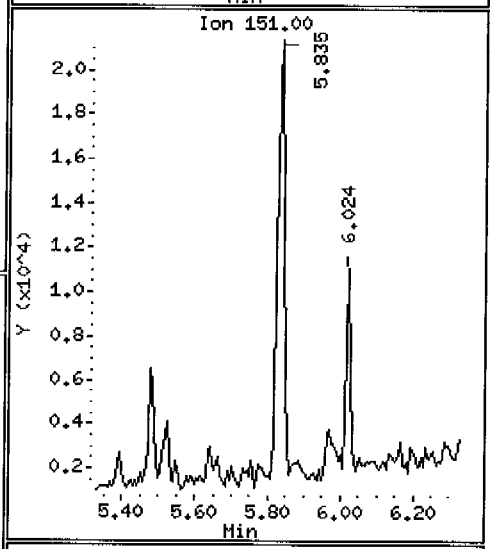
43 Acenaphthylene

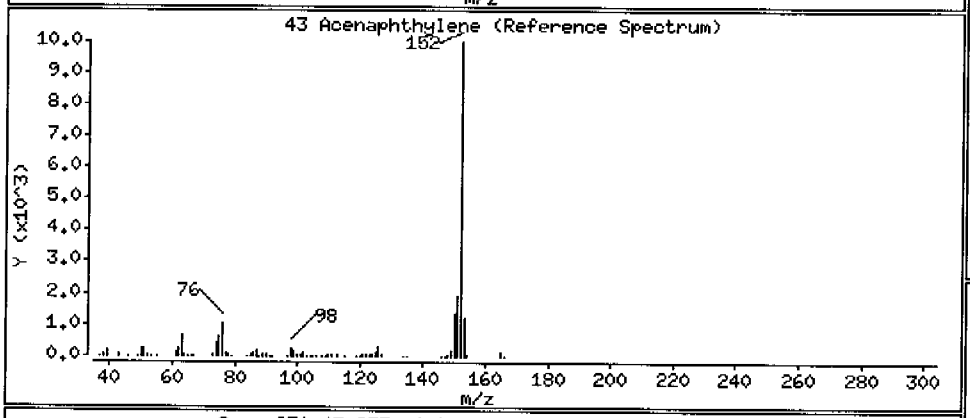
Concentration: 68 ug/Kg

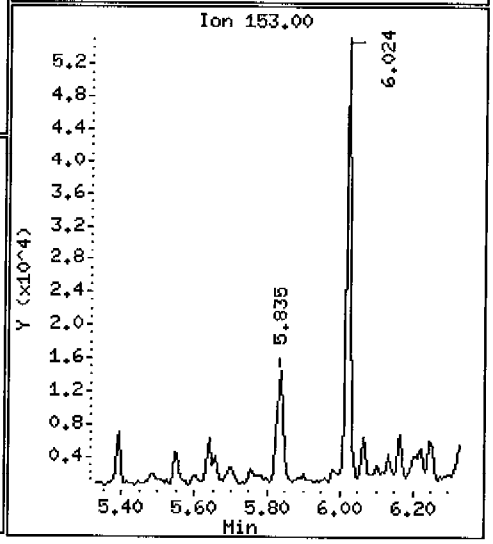


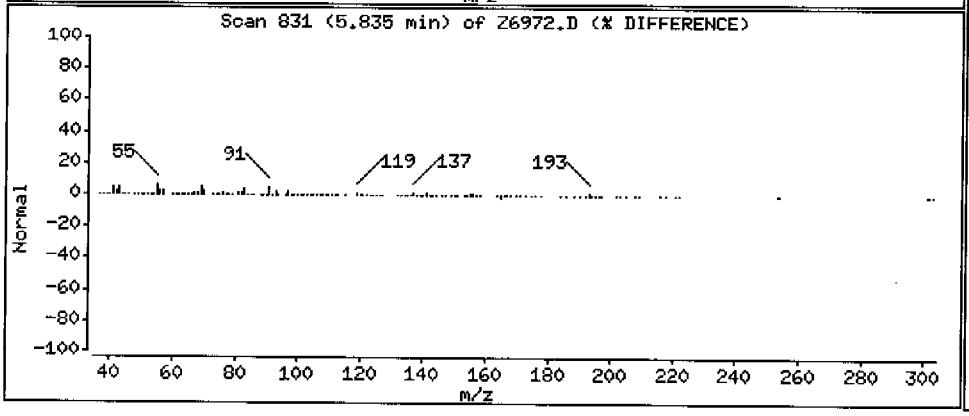












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0

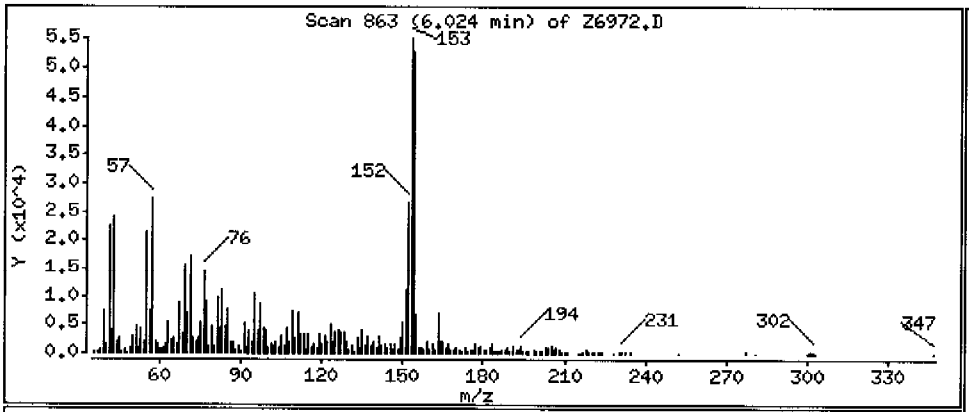
Operator: m.eastman

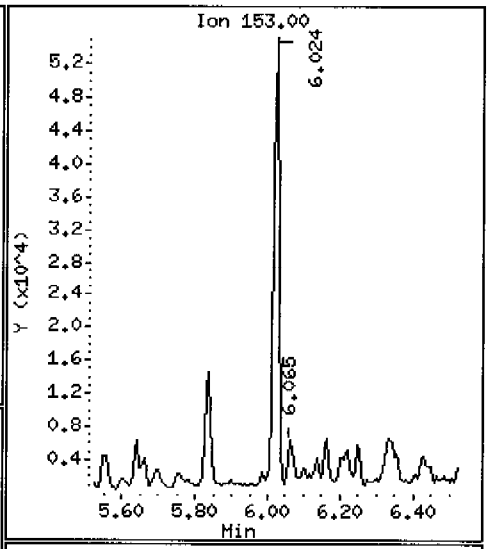
Column phase: RTX-5

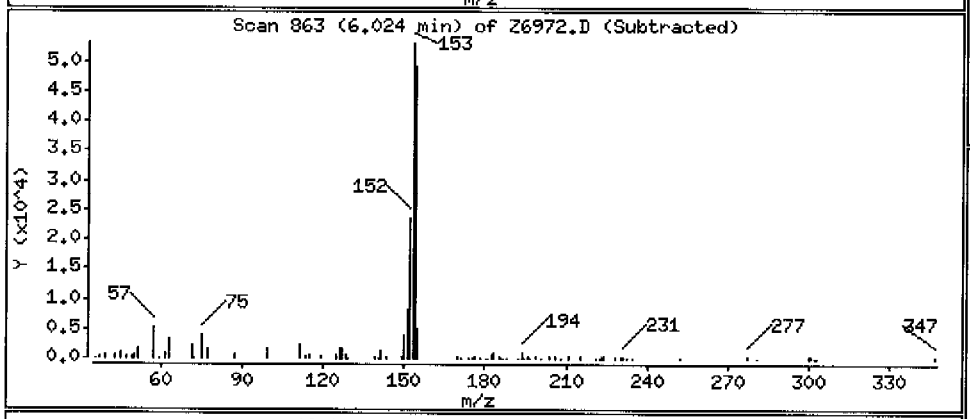
Column diameter: 0.25

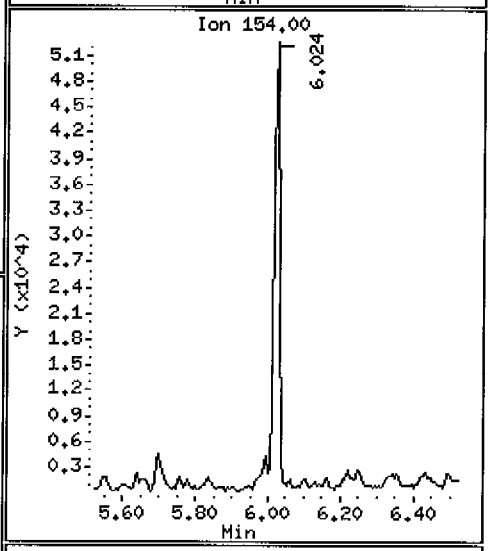
46 Acenaphthene

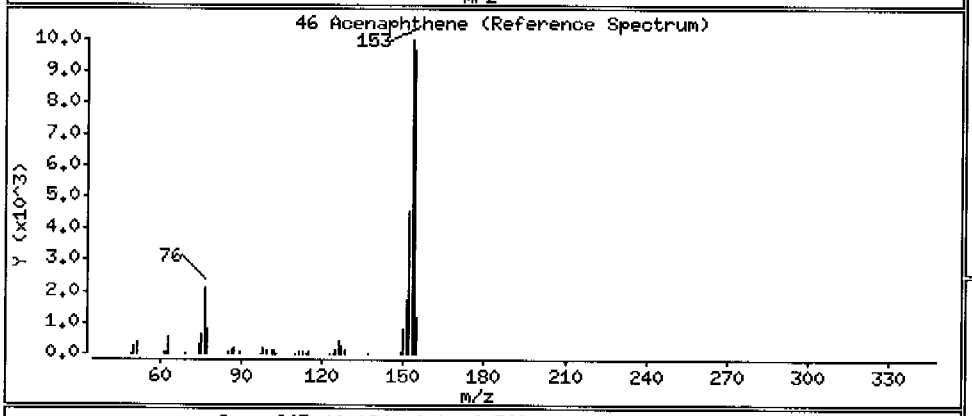
Concentration: 46 ug/Kg

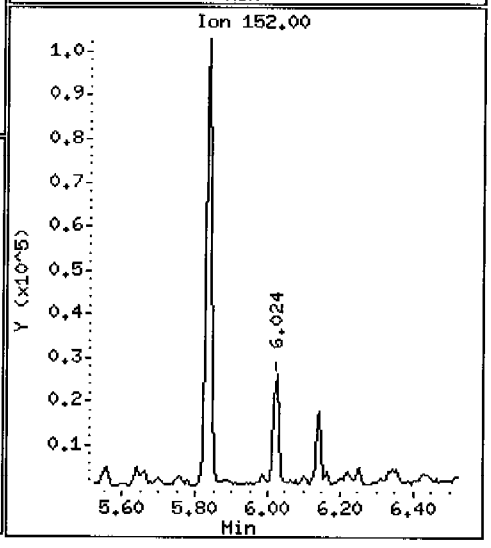


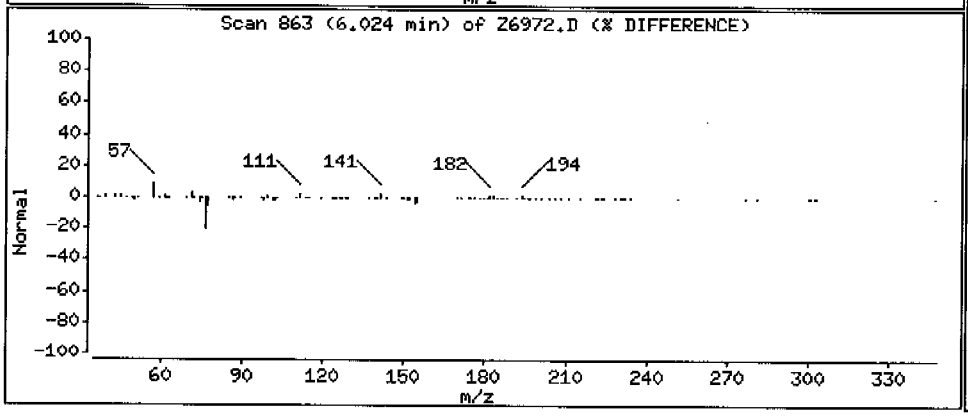












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5,5)

Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0

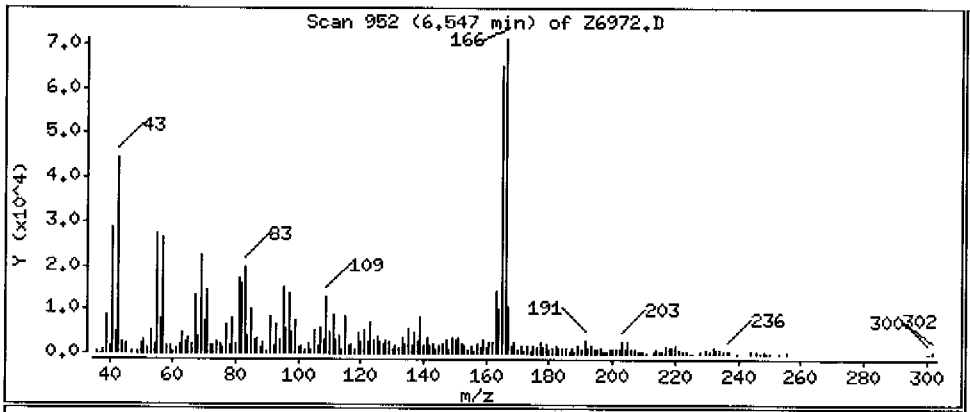
Operator: m.eastman

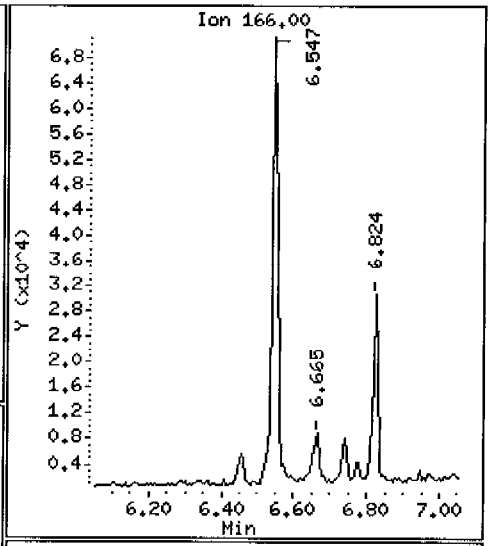
Column phase: RTX-5

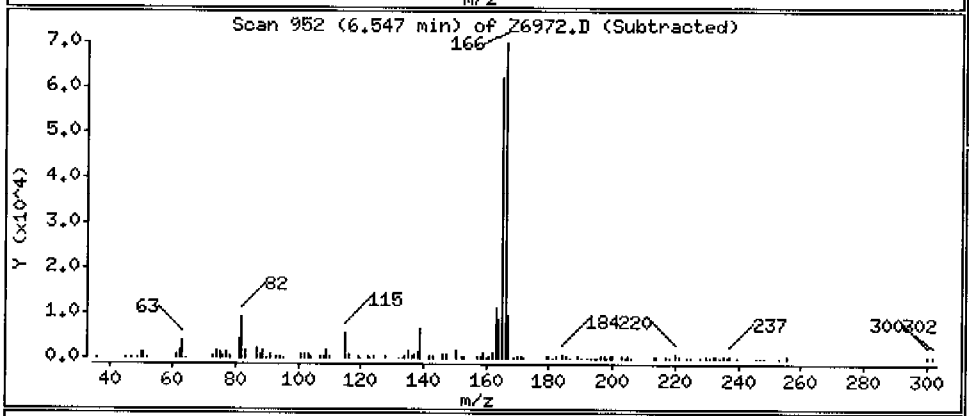
Column diameter: 0.25

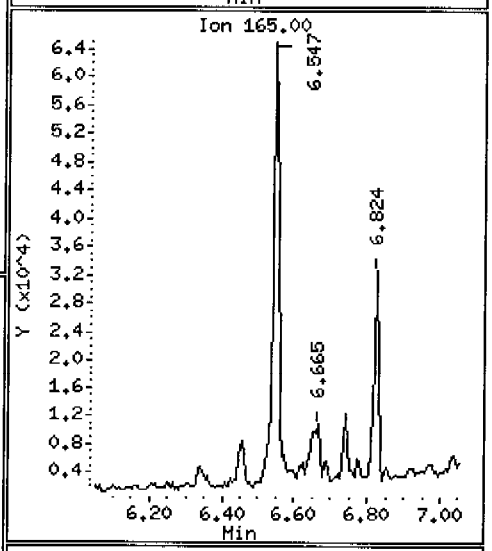
52 Fluorene

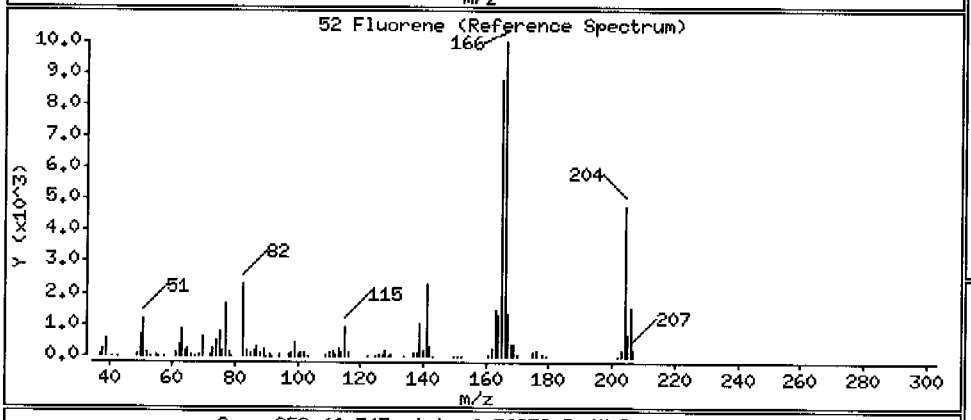
Concentration: 54 ug/Kg

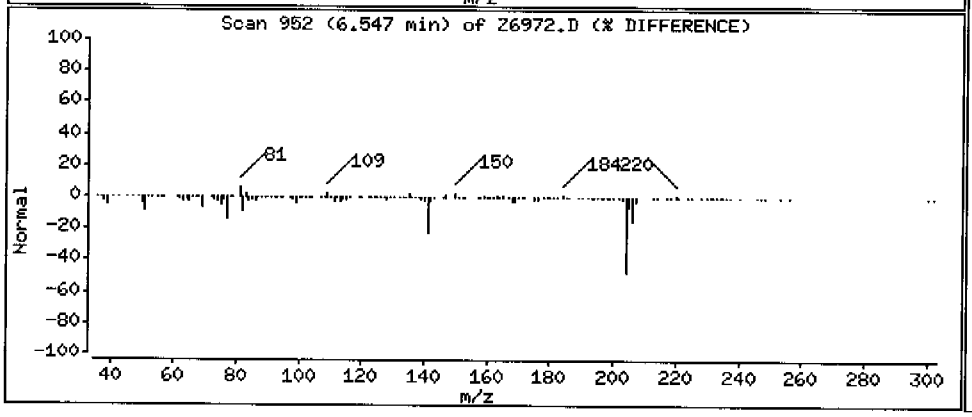


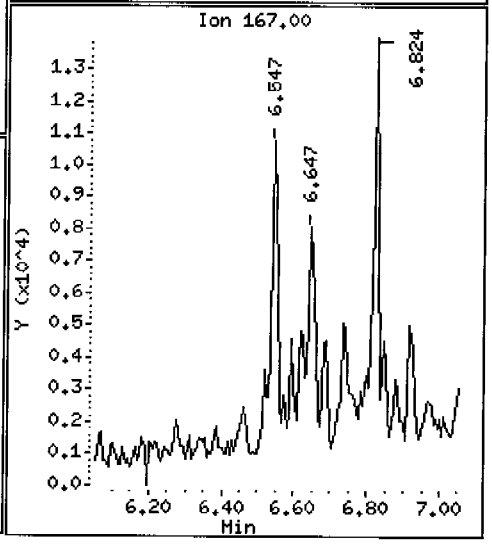












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0

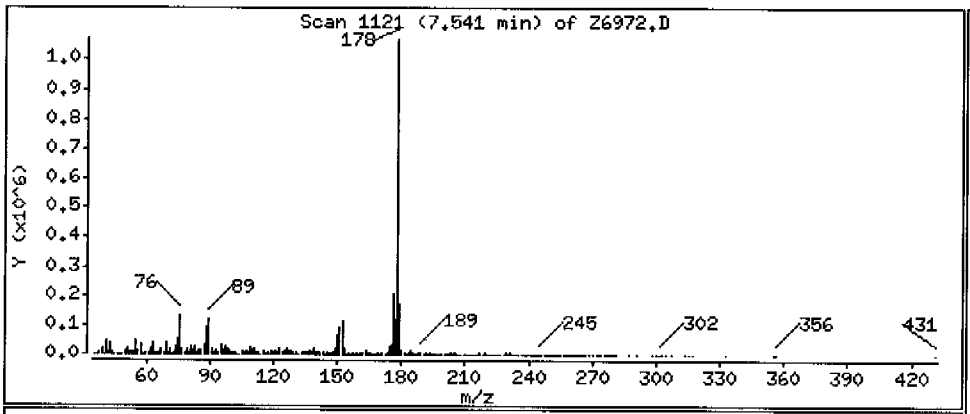
Operator: m.eastman

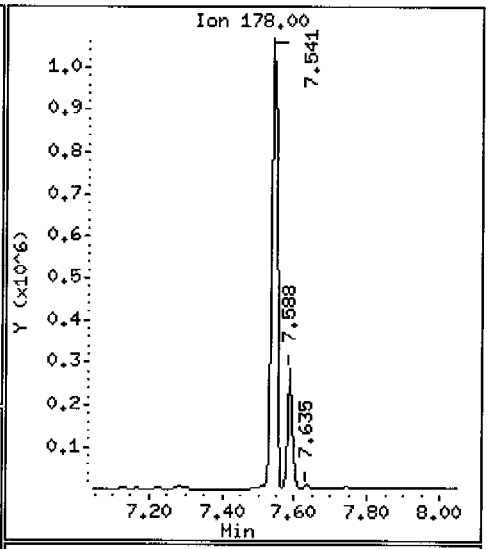
Column phase: RTX-5

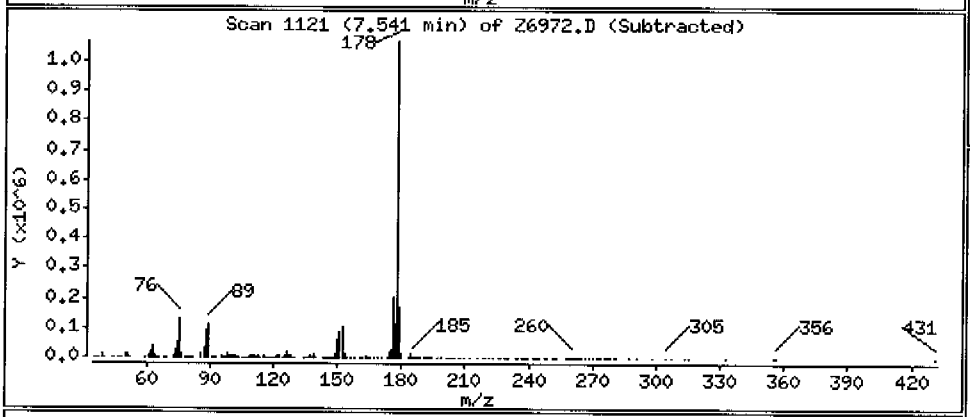
Column diameter: 0.25

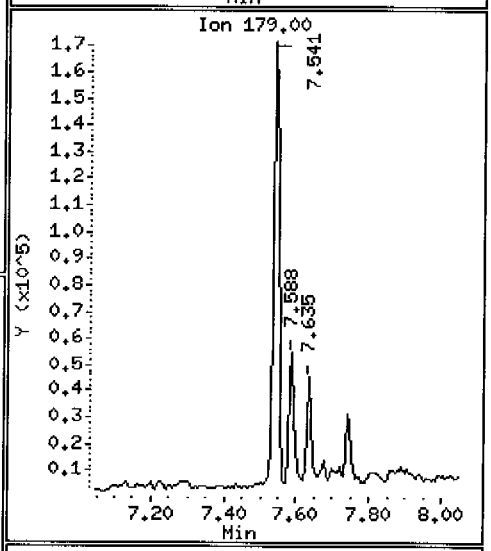
64 Phenanthrene

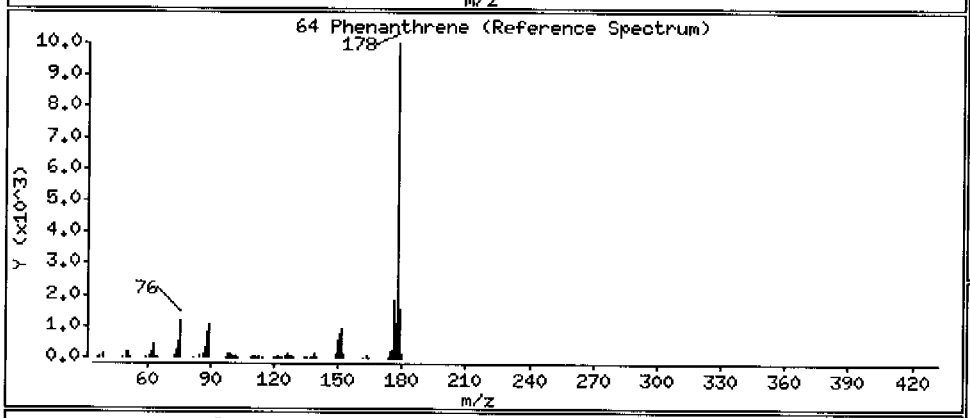
Concentration: 750 ug/Kg

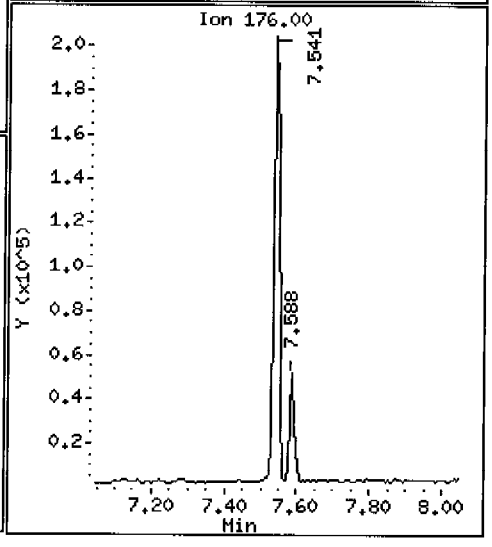


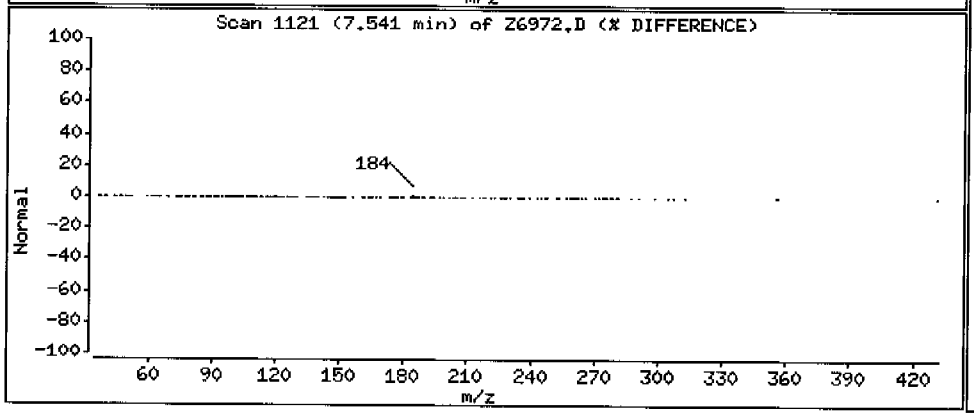












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0

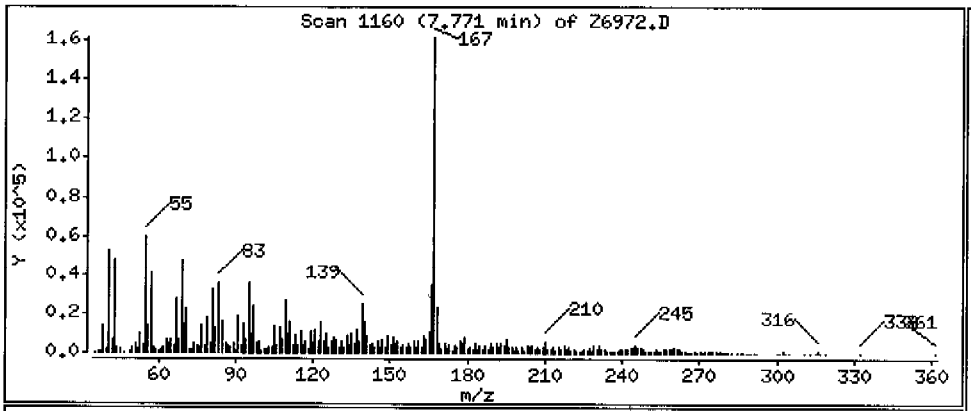
Operator: m.eastman

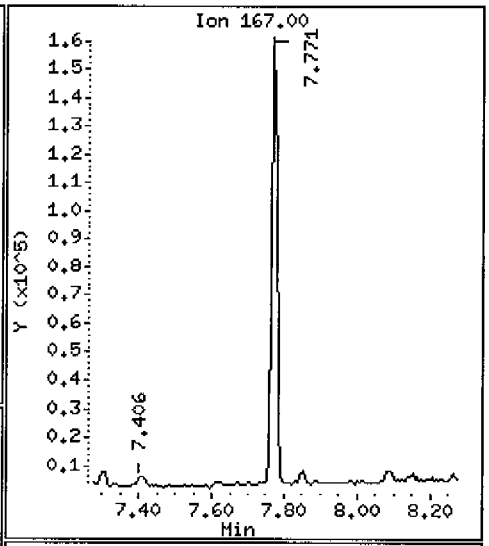
Column phase: RTX-5

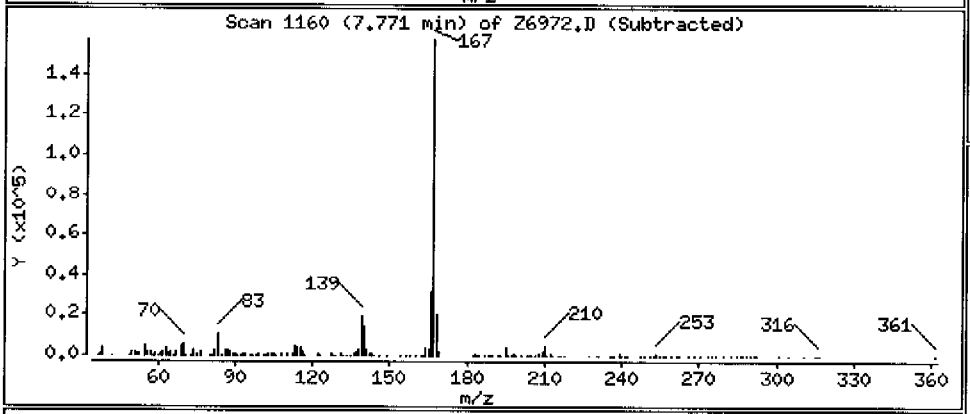
Column diameter: 0.25

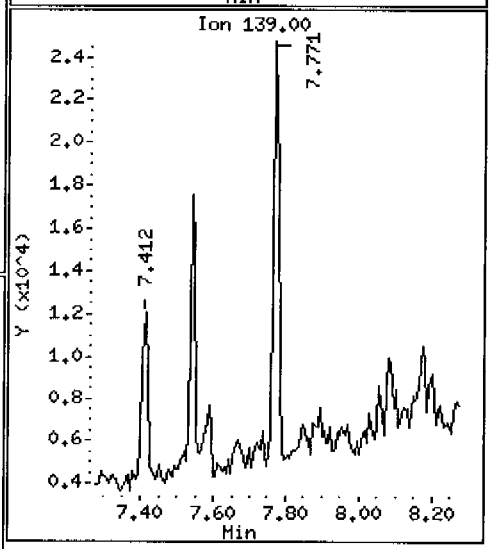
65 Carbazole

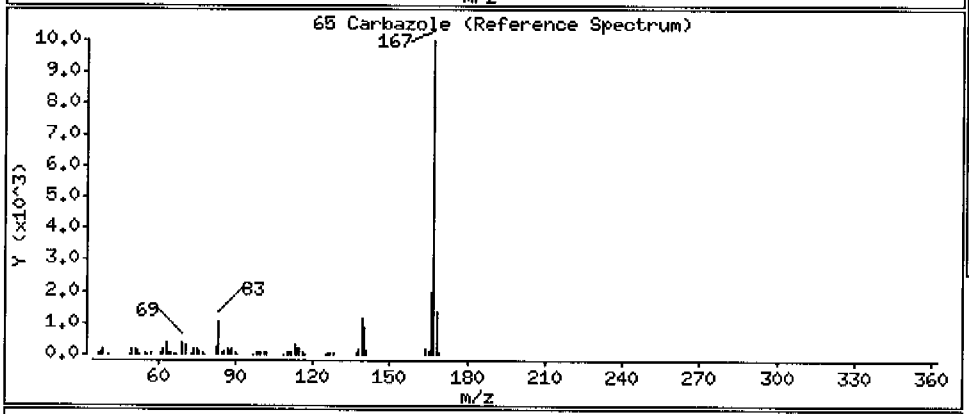
Concentration: 63 ug/Kg

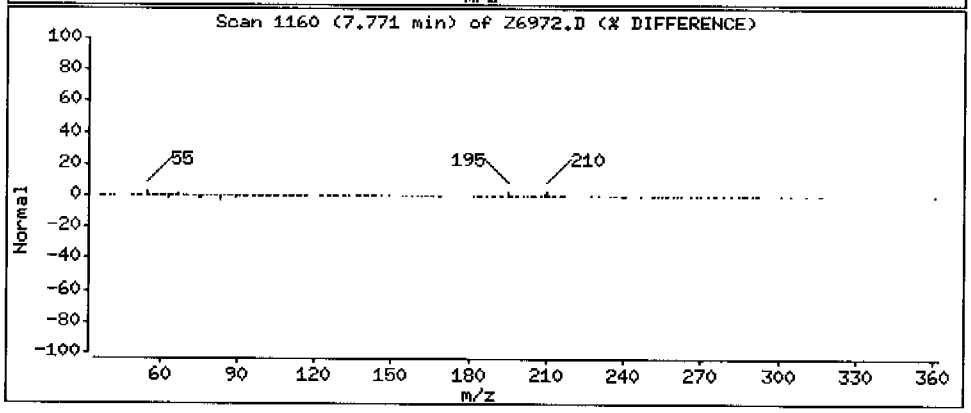












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0

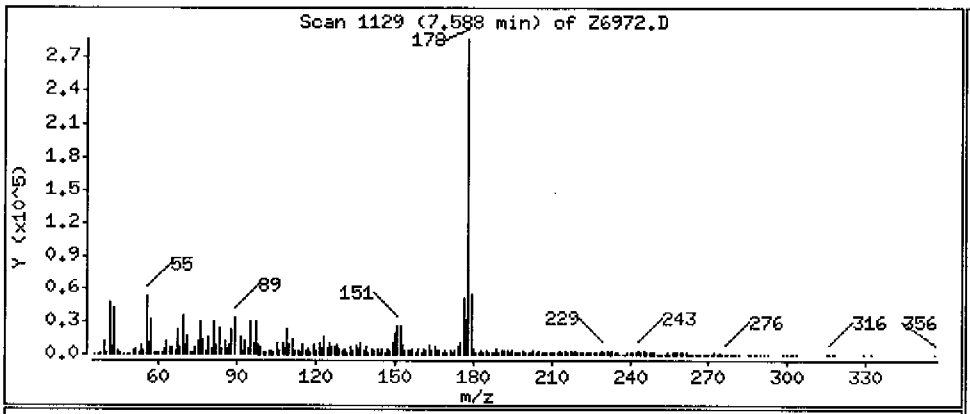
Operator: m.eastman

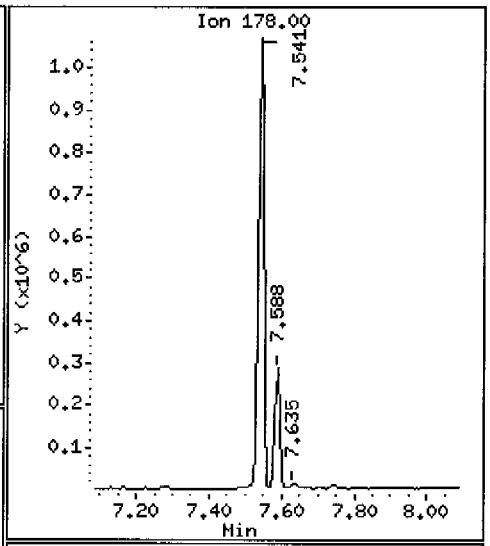
Column phase: RTX-5

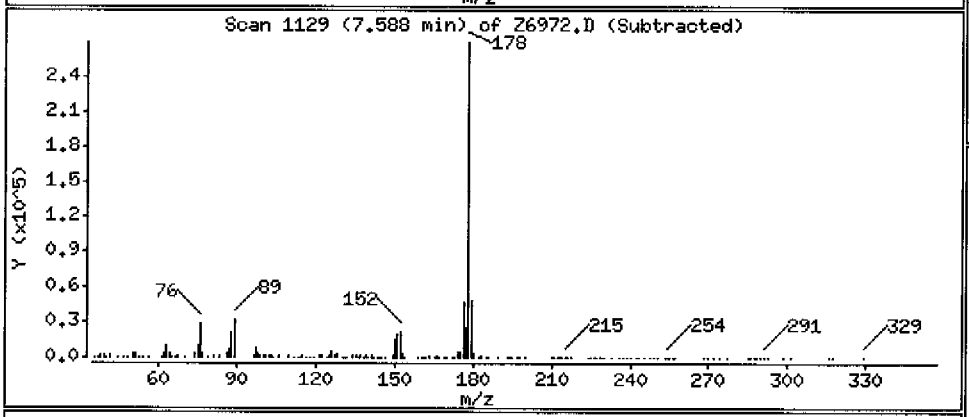
Column diameter: 0.25

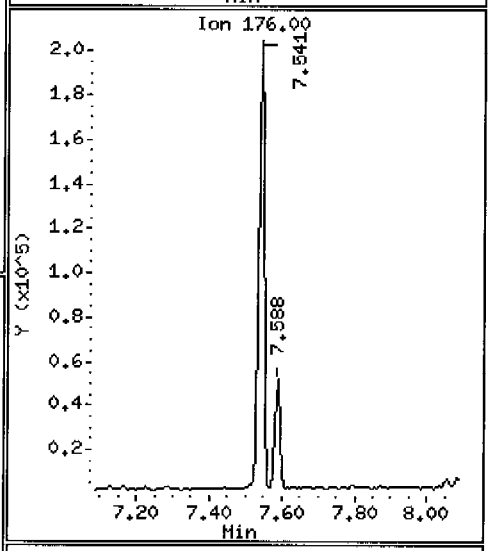
66 Anthracene

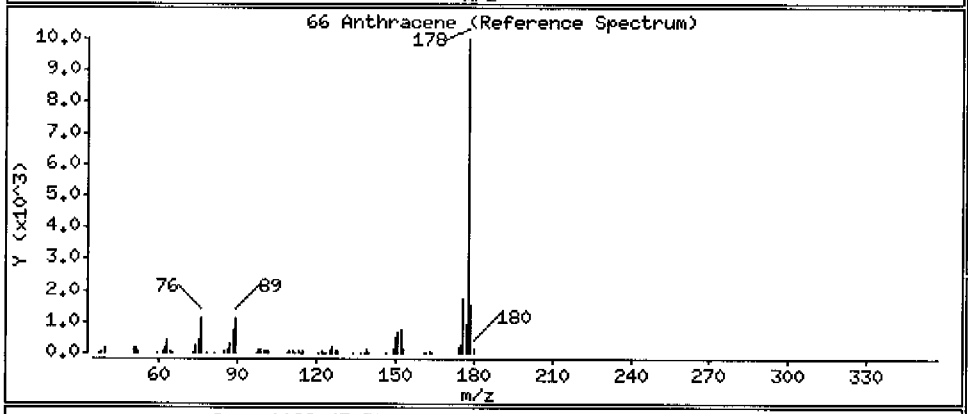
Concentration: 190 ug/Kg

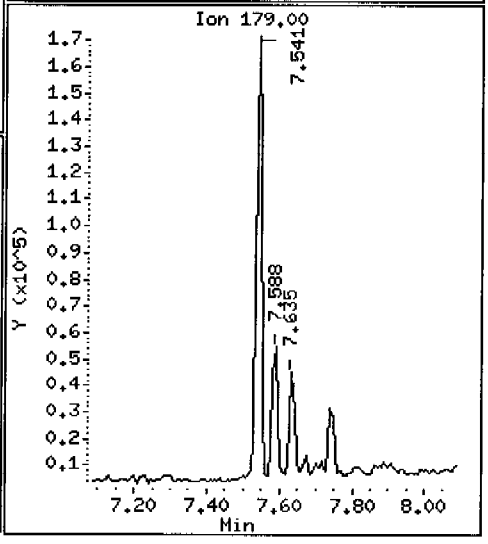


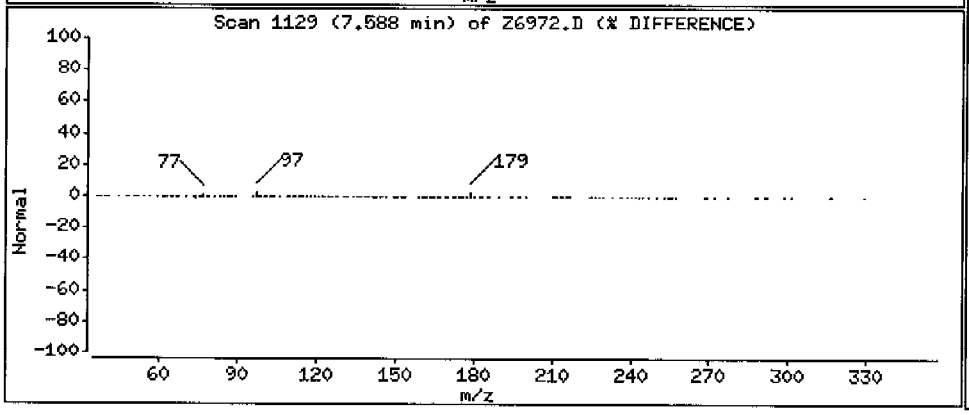












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0

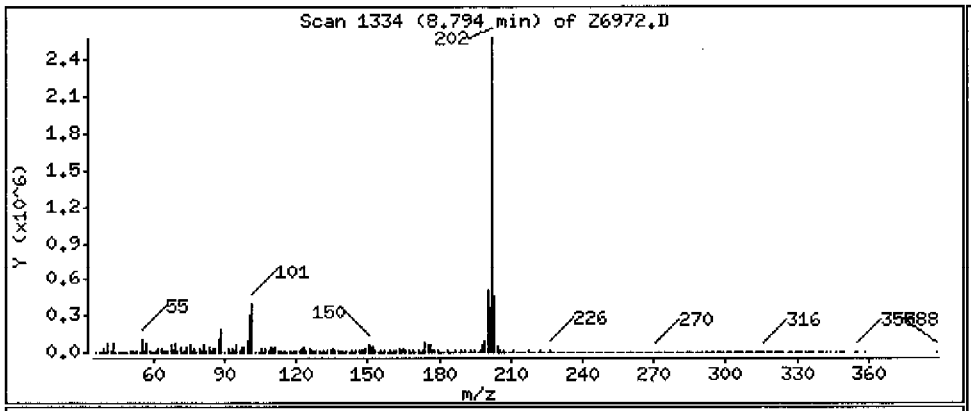
Operator: m.eastman

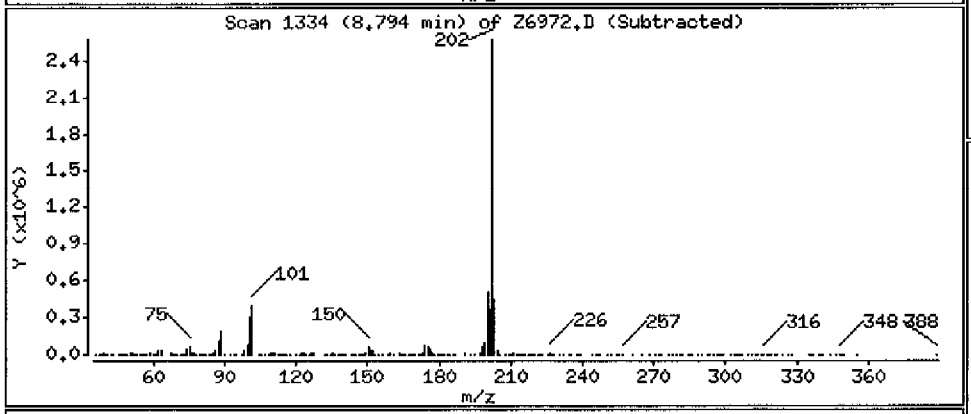
Column phase: RTX-5

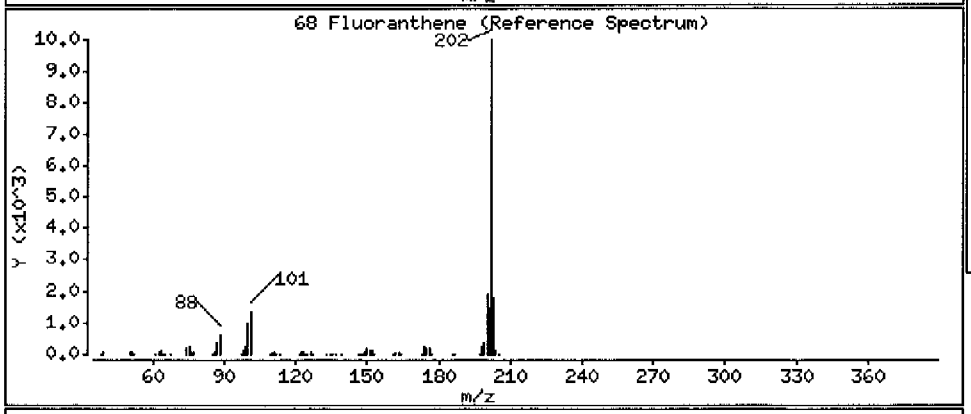
Column diameter: 0.25

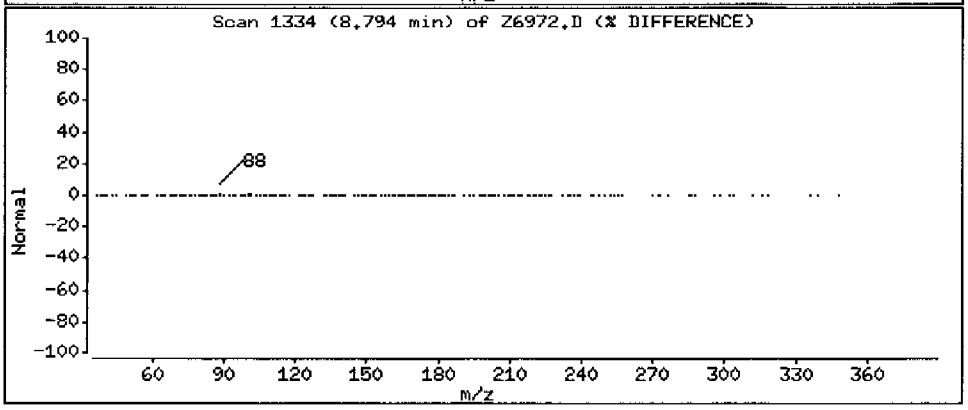
68 Fluoranthene

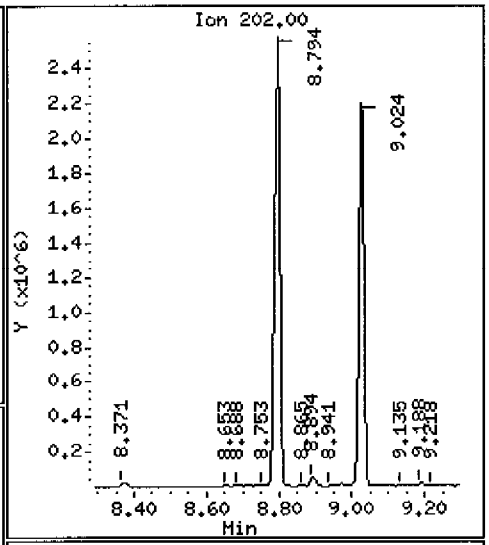
Concentration: 1800 ug/Kg

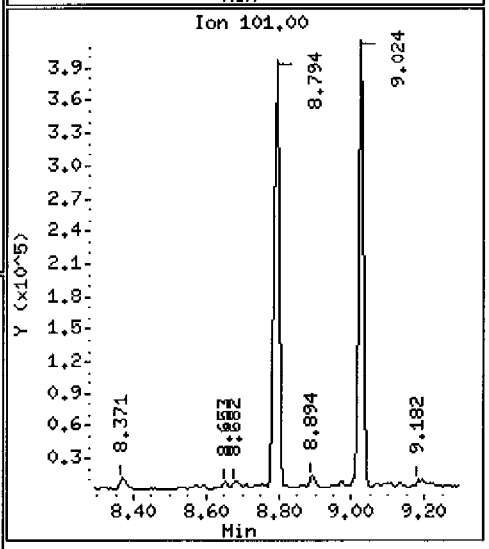












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0

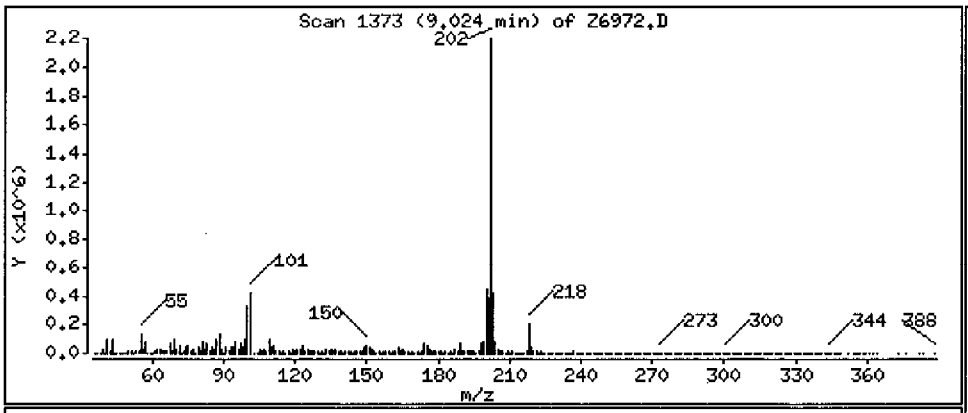
Operator: m.eastman

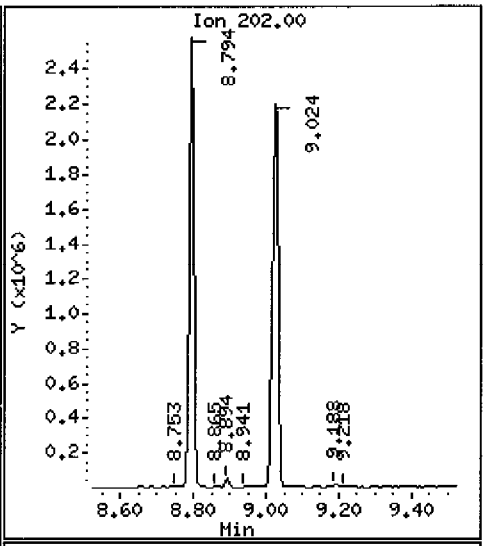
Column phase: RTX-5

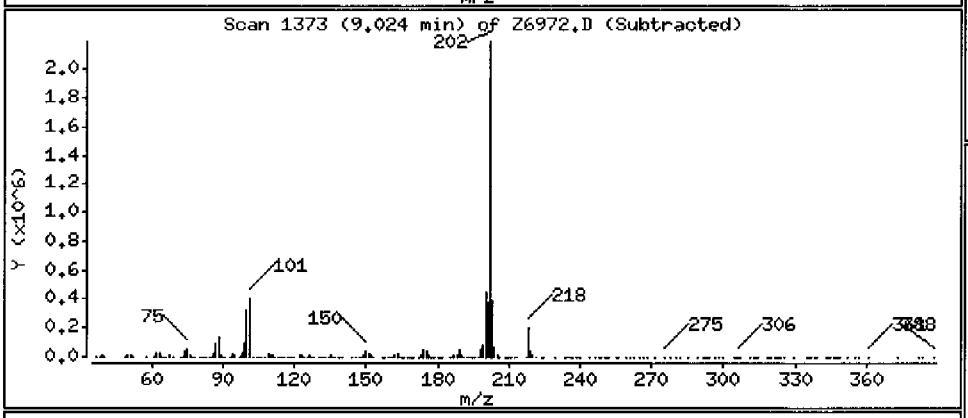
Column diameter: 0.25

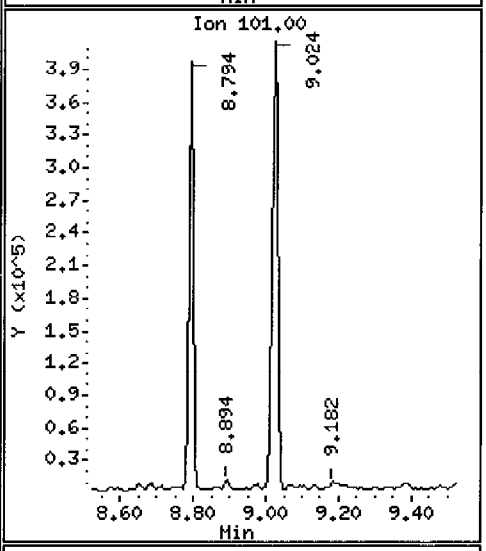
72 Pyrene

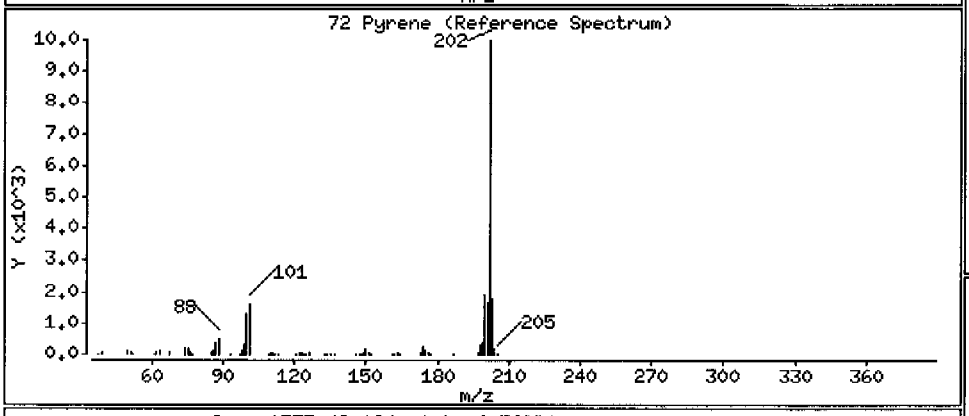
Concentration: 690 ug/Kg

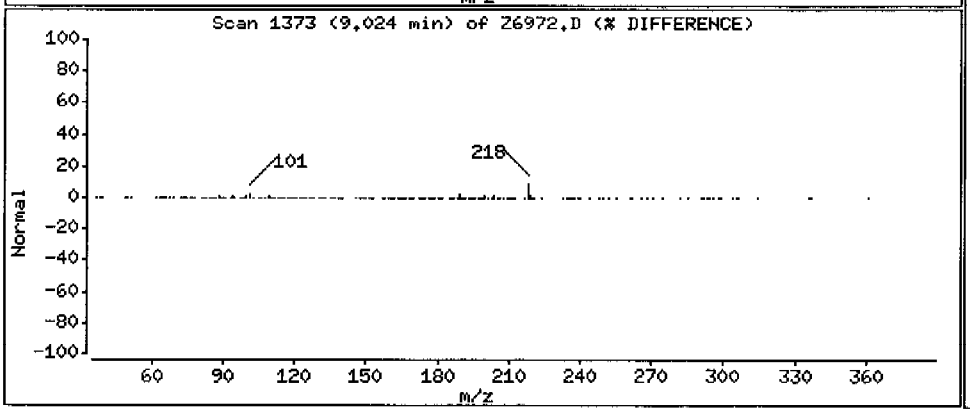


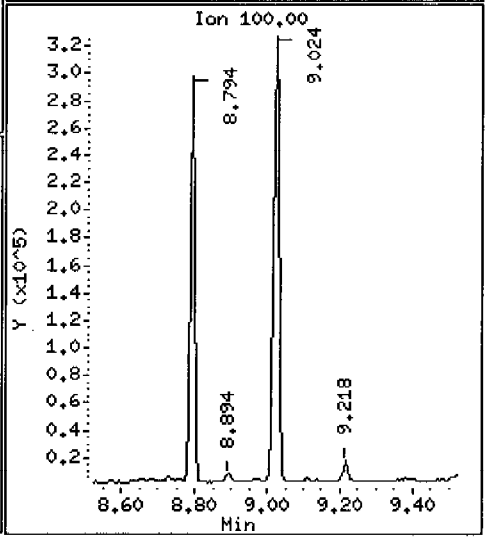












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0

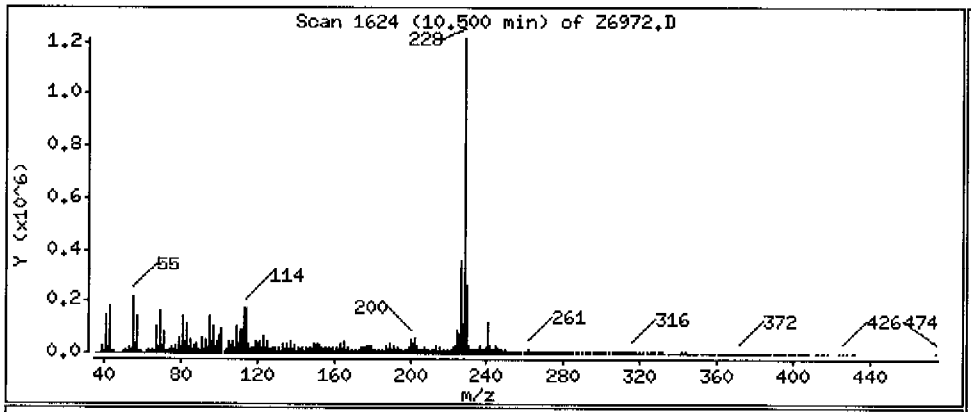
Operator: m.eastman

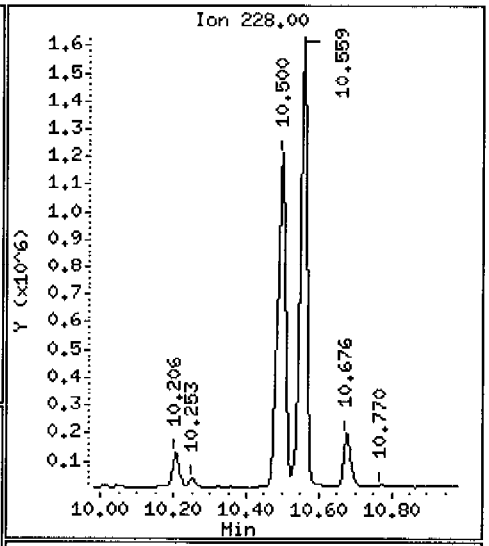
Column phase: RTX-5

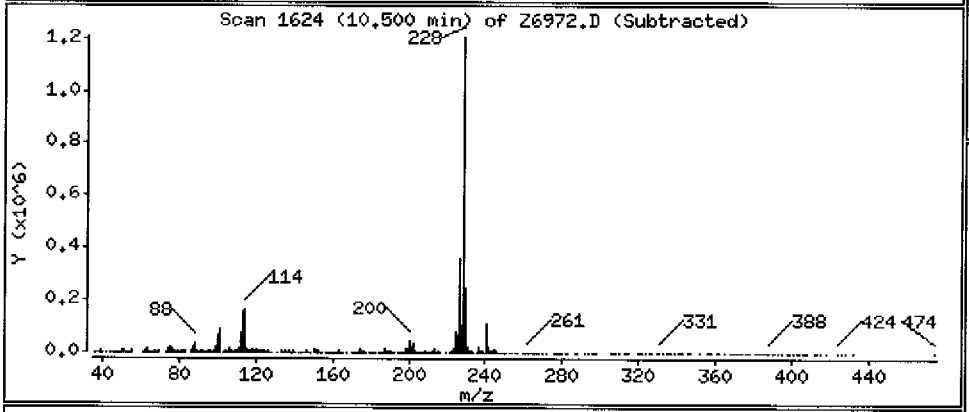
Column diameter: 0.25

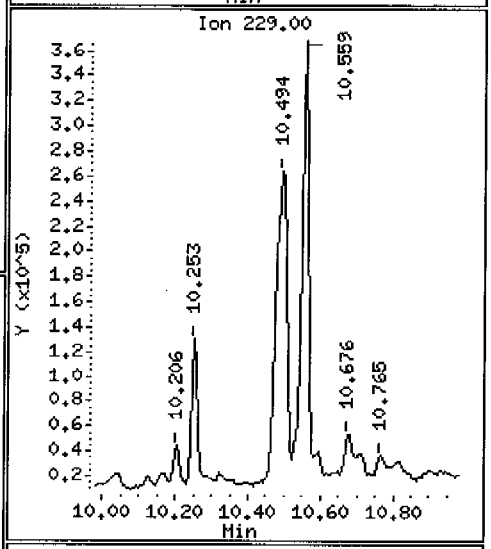
76 Benzo(a)anthracene

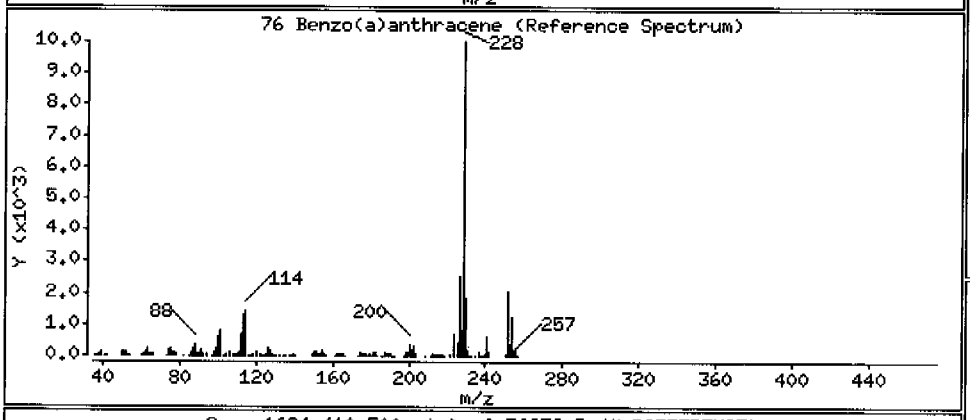
Concentration: 750 ug/Kg

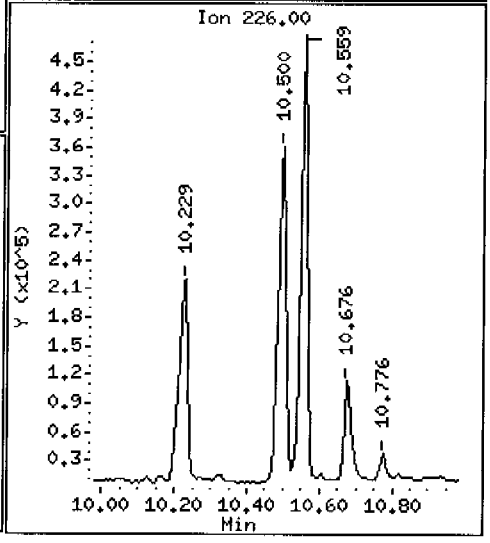


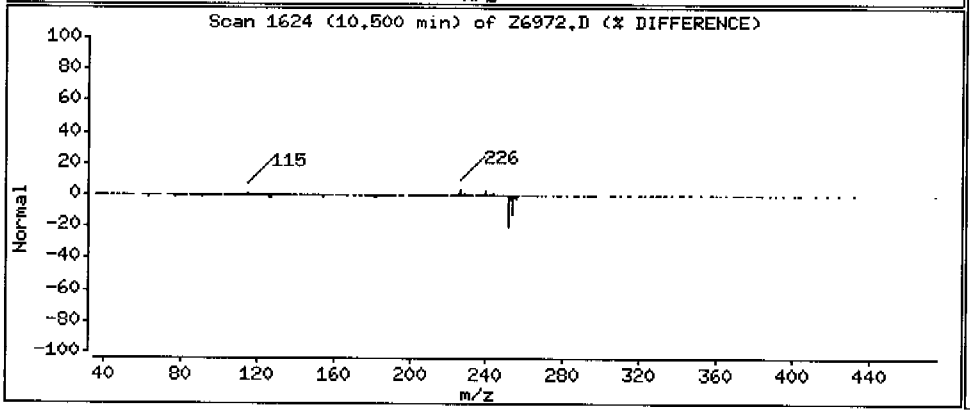












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0

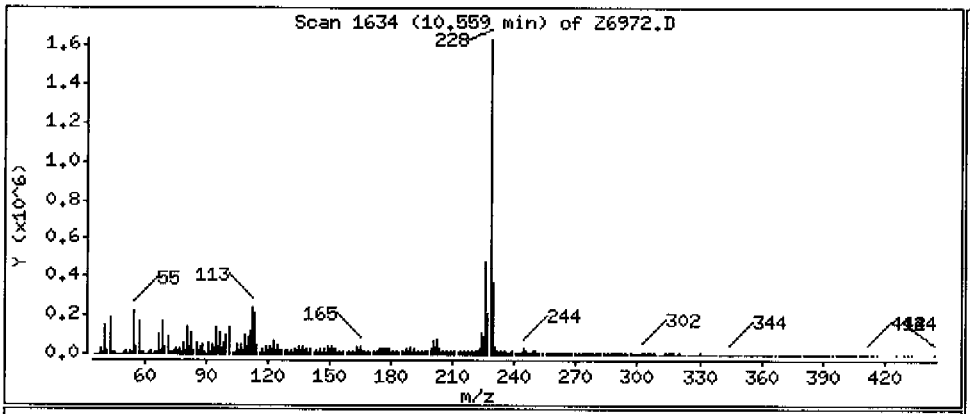
Operator: m.eastman

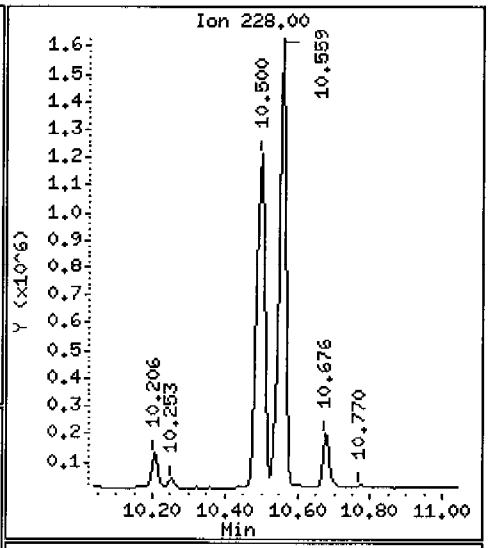
Column phase: RTX-5

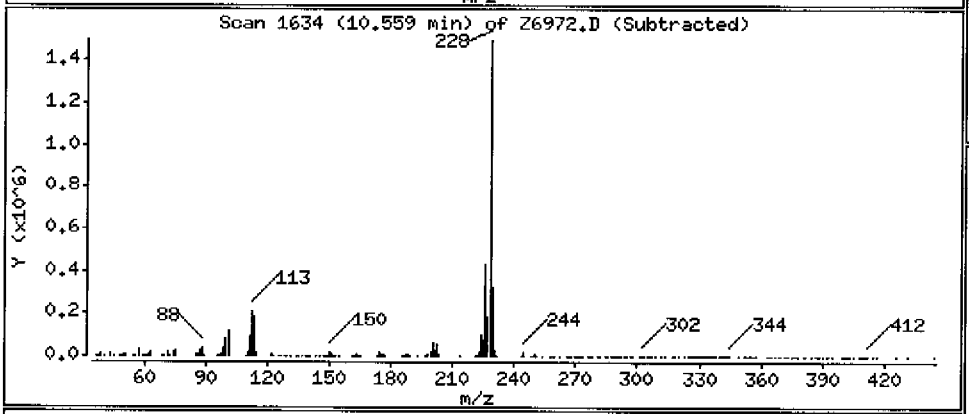
Column diameter: 0.25

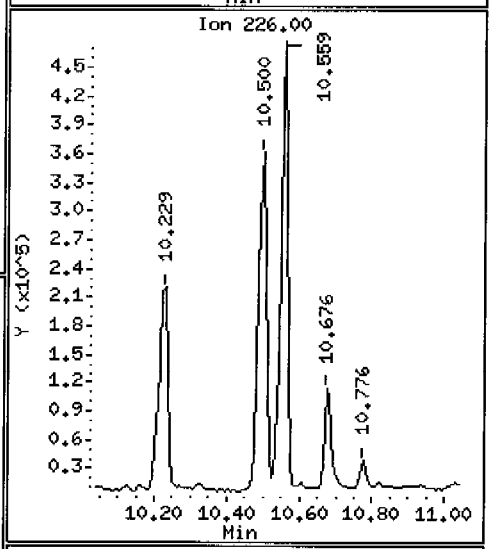
77 Chrysene

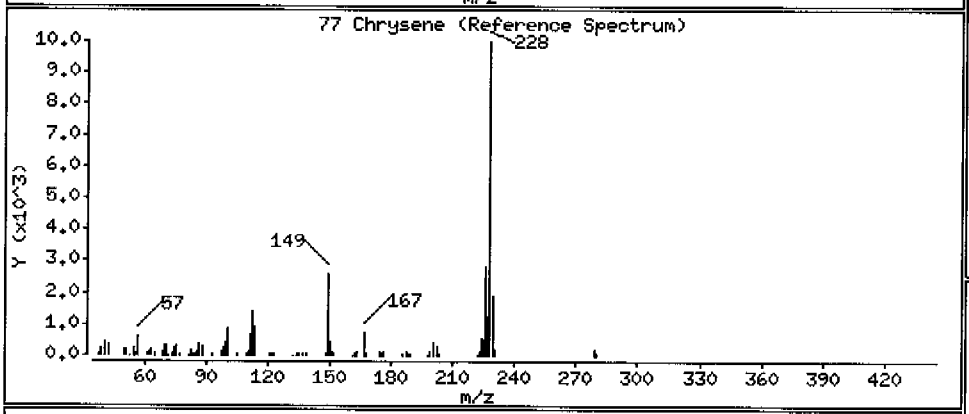
Concentration: 930 ug/Kg

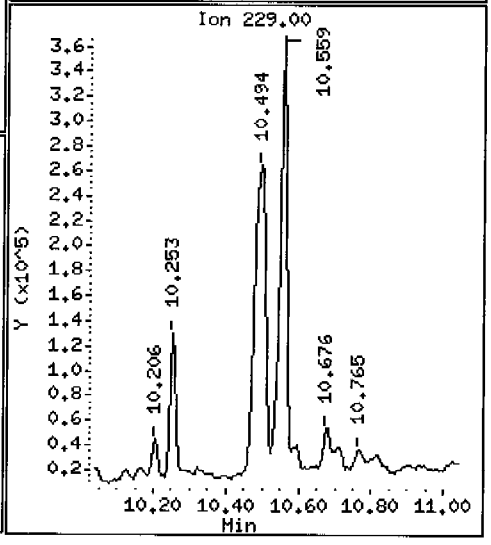


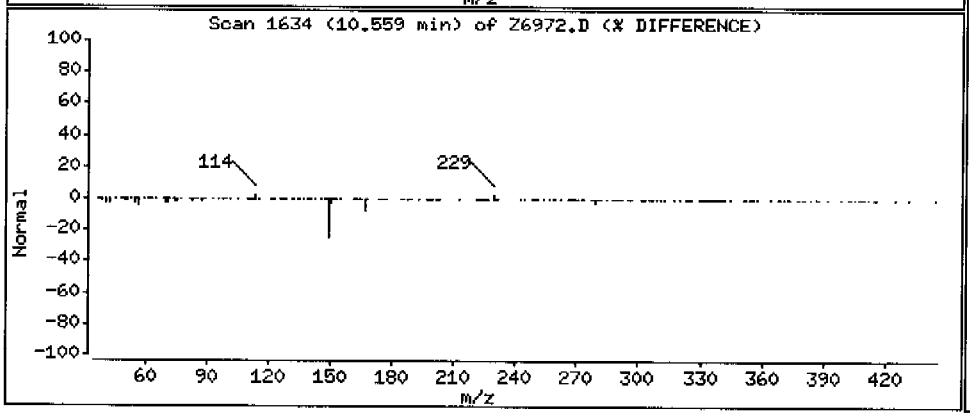












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0

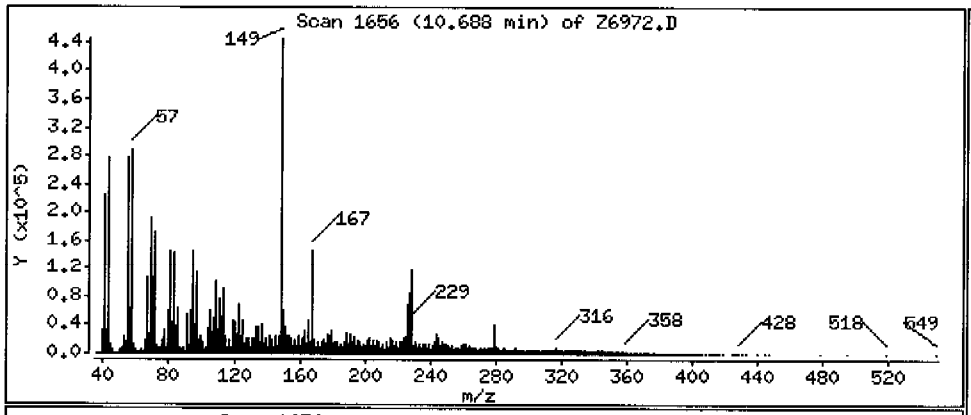
Operator: m.eastman

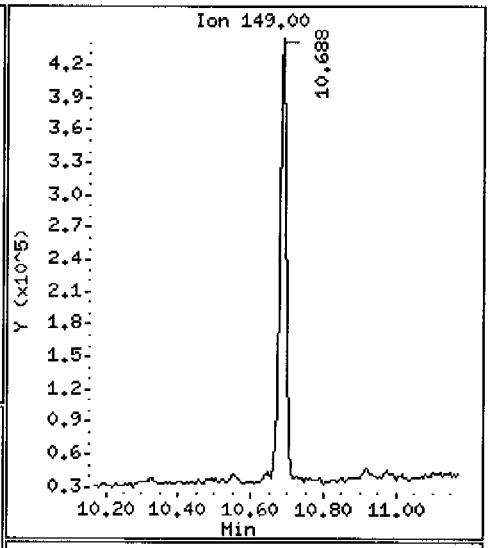
Column phase: RTX-5

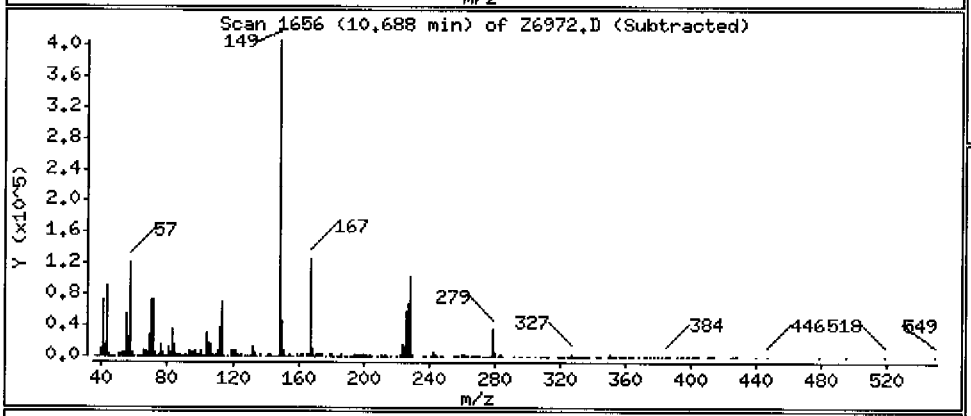
Column diameter: 0.25

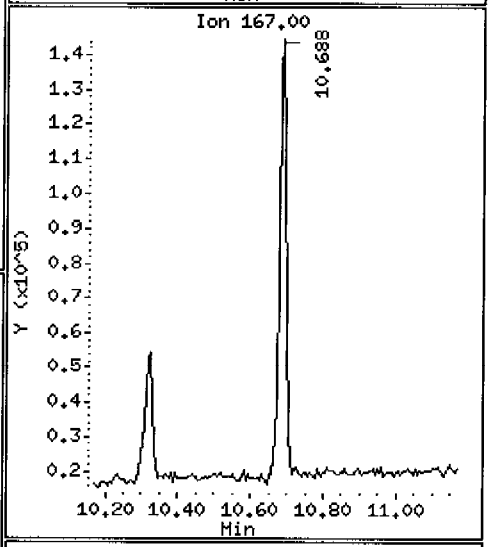
78 Bis(2-Ethylhexyl)phthalate

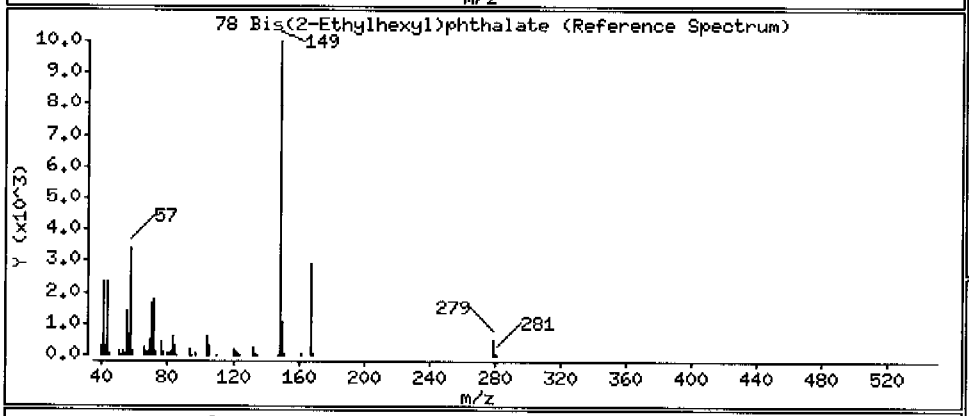
Concentration: 320 ug/Kg

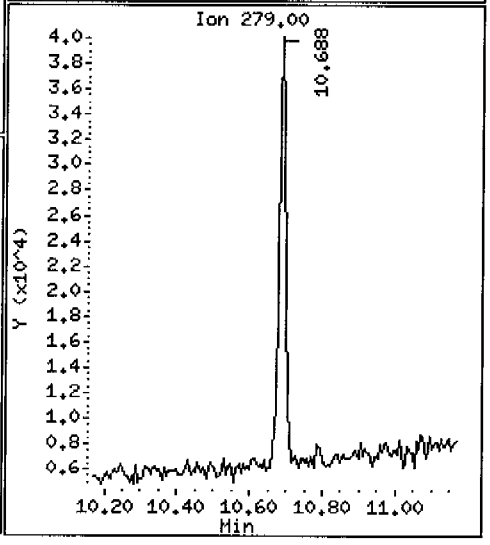


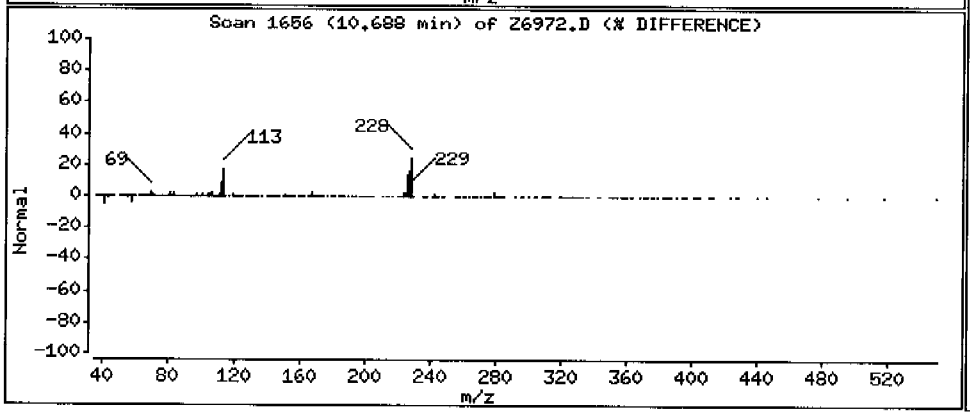












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5,5)

Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0

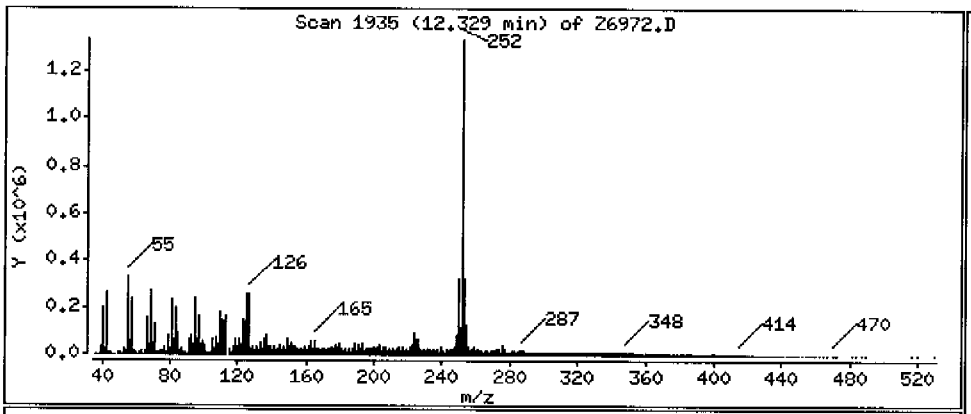
Operator: m.eastman

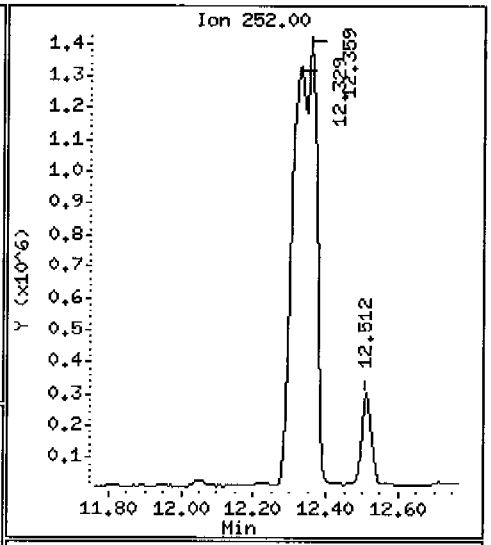
Column phase: RTX-5

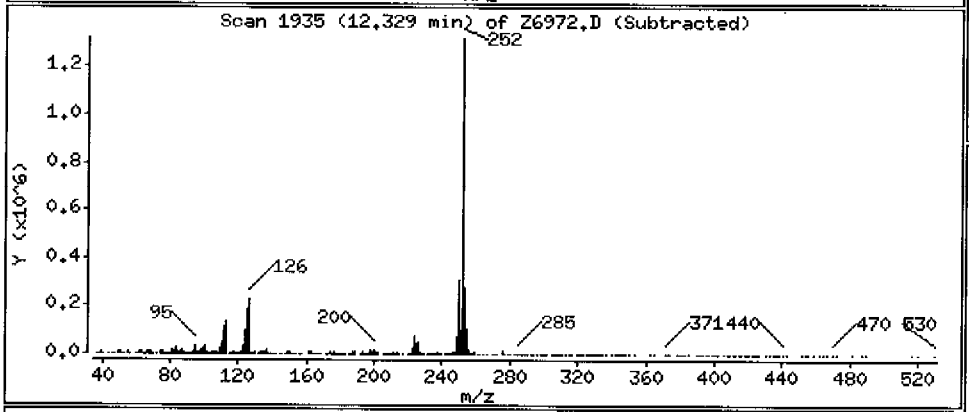
Column diameter: 0.25

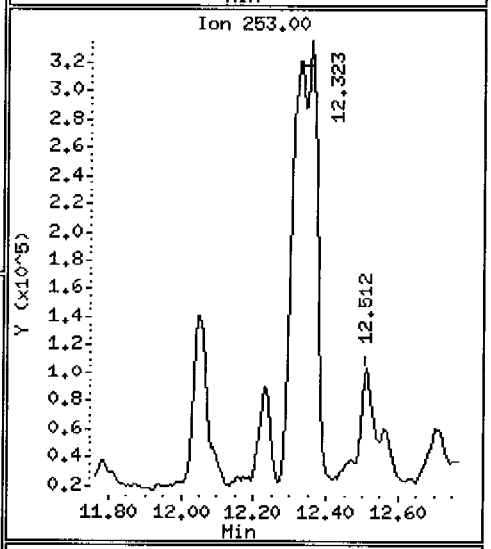
81 Benzo(b)fluoranthene

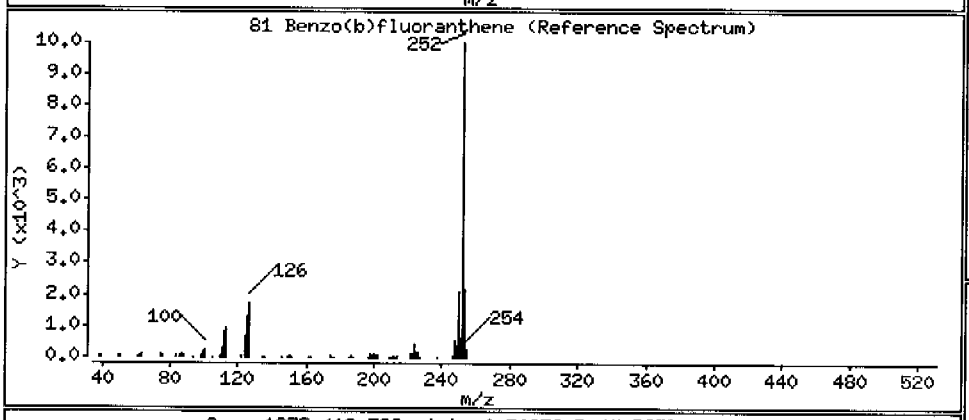
Concentration: 1100 ug/Kg

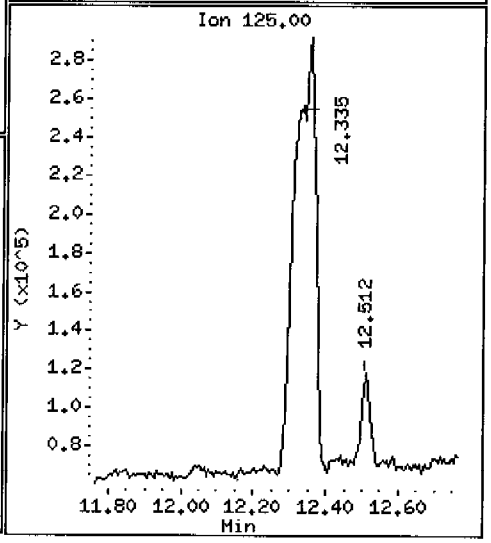


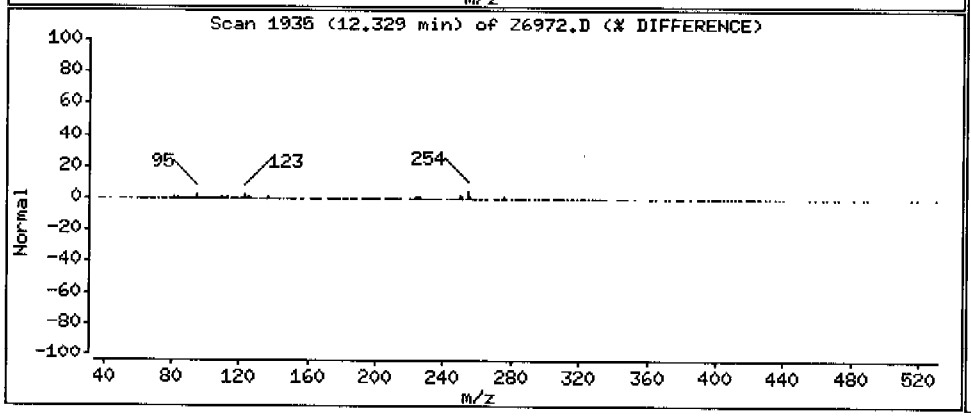












Data File: \\Target1_ot\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0

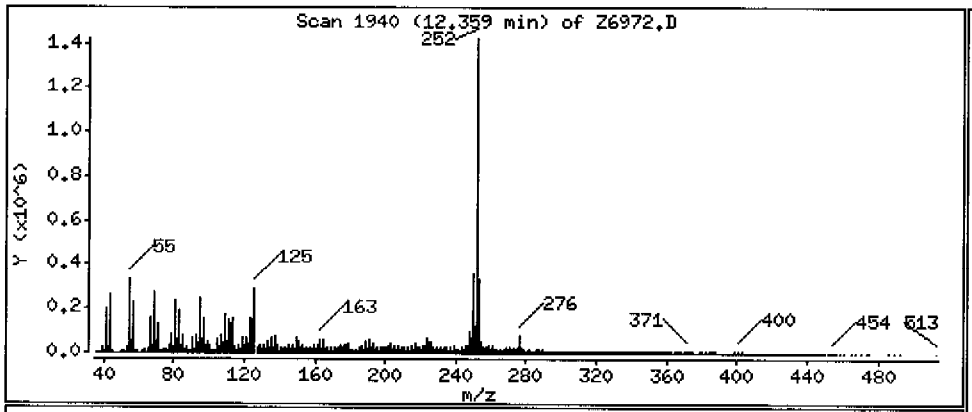
Operator: m.eastman

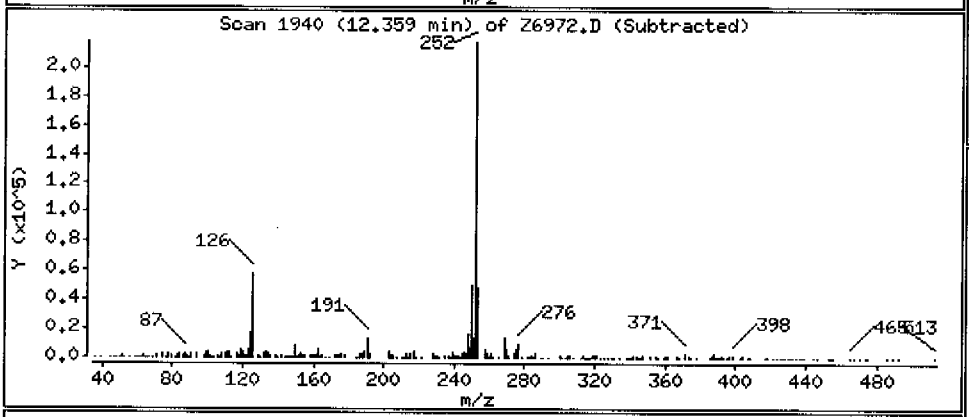
Column phase: RTX-5

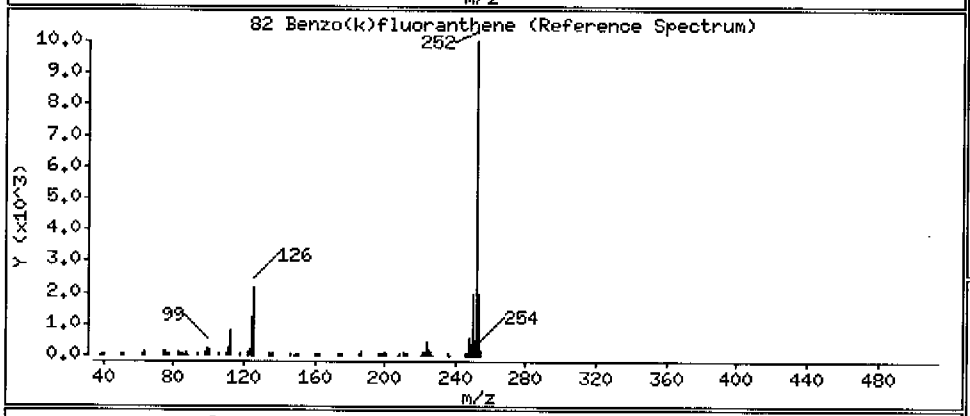
Column diameter: 0.25

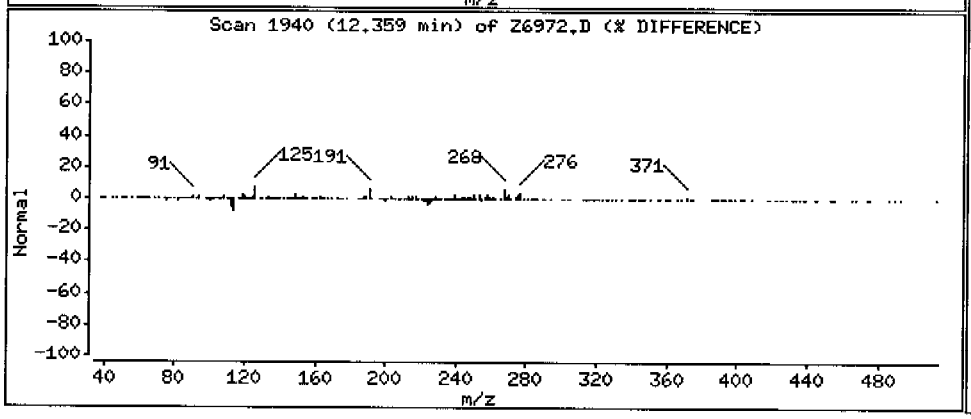
82 Benzo(k)fluoranthene

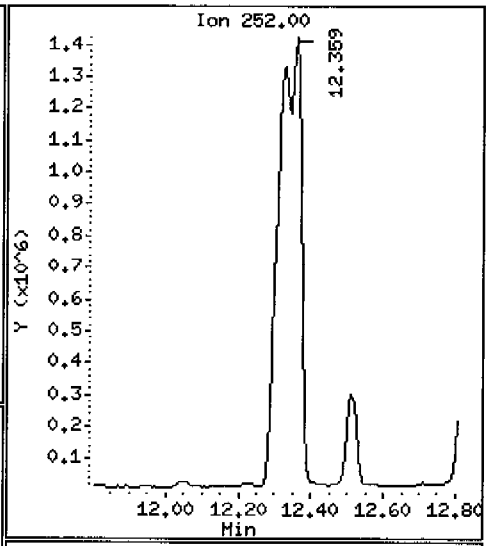
Concentration: 650 ug/Kg

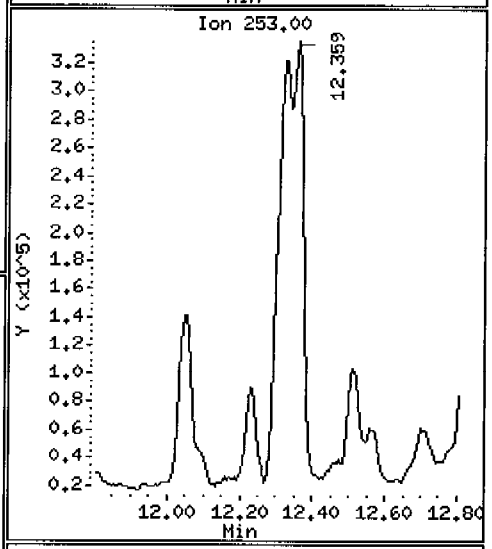


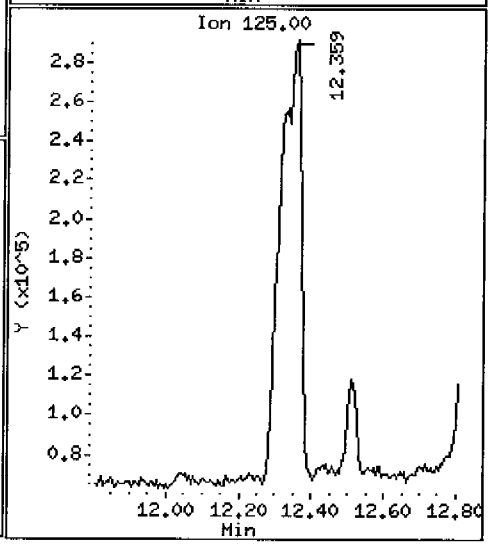












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0

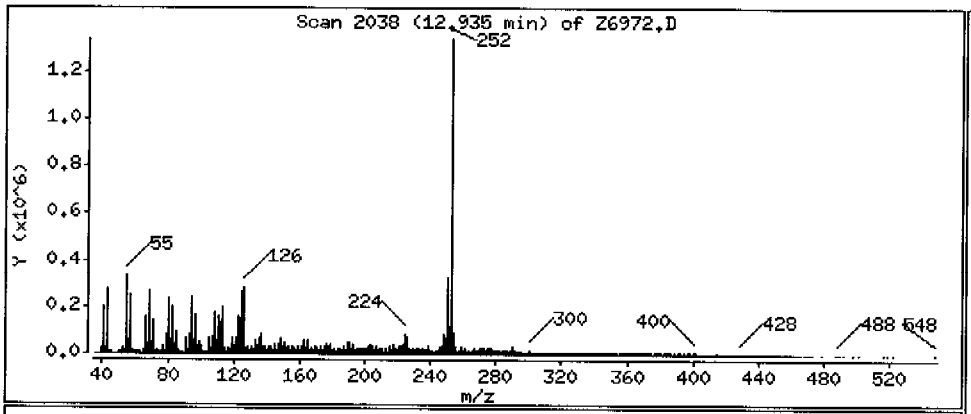
Operator: m.eastman

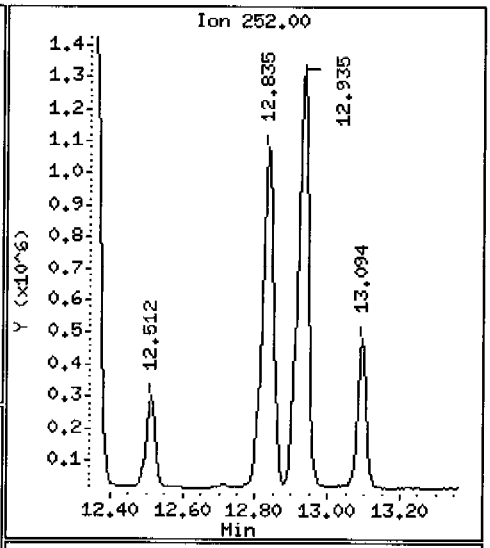
Column phase: RTX-5

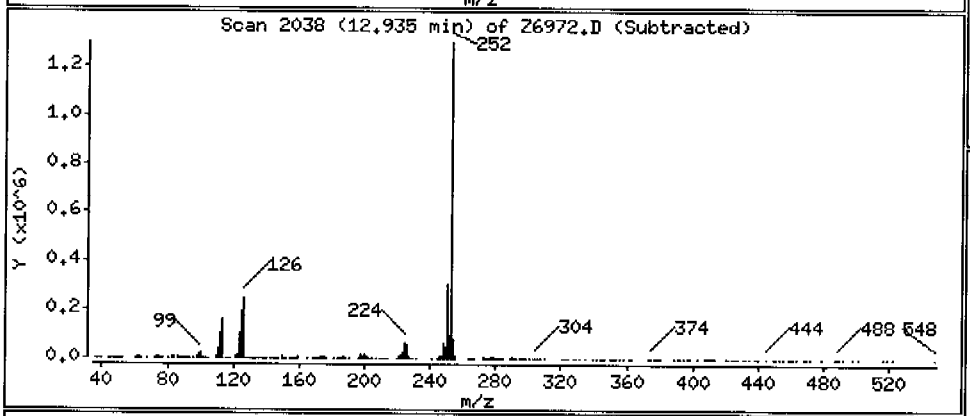
Column diameter: 0.25

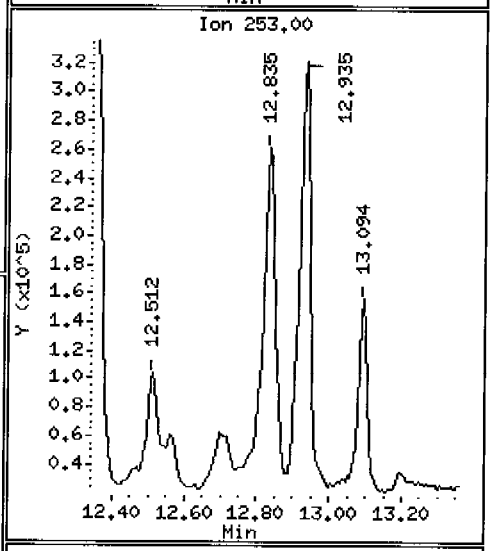
83 Benzo(a)pyrene

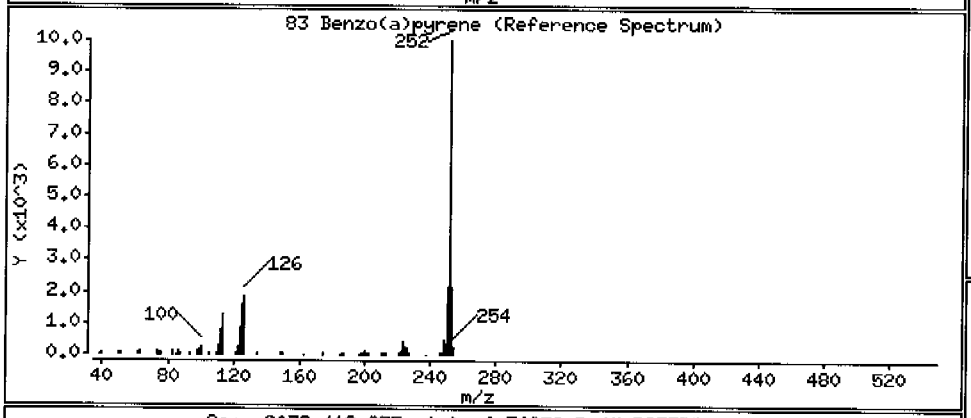
Concentration: 880 ug/Kg

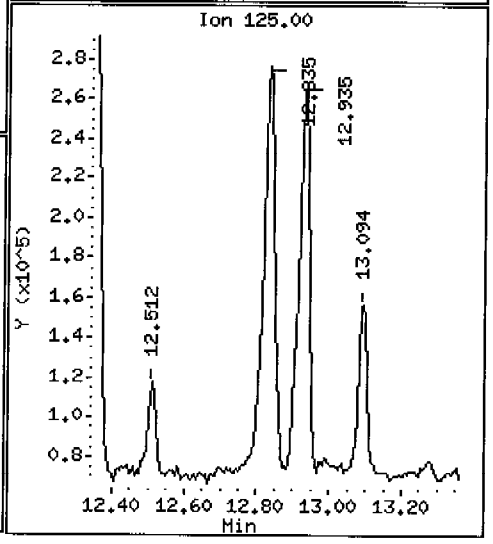


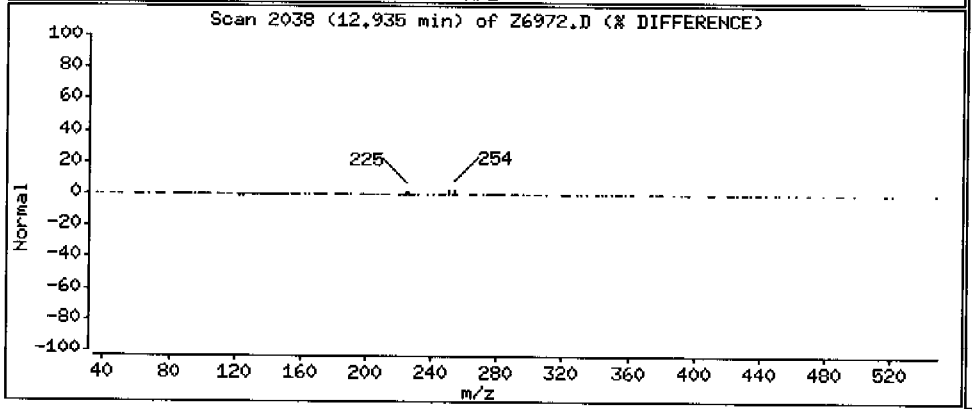












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0

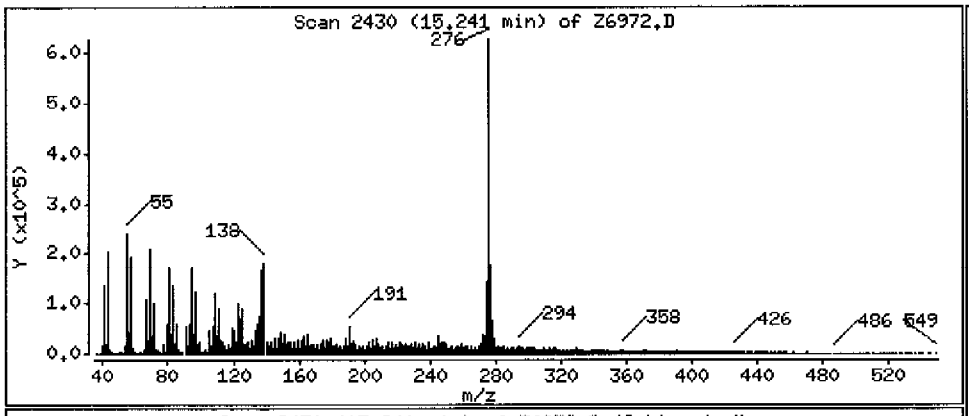
Operator: m.eastman

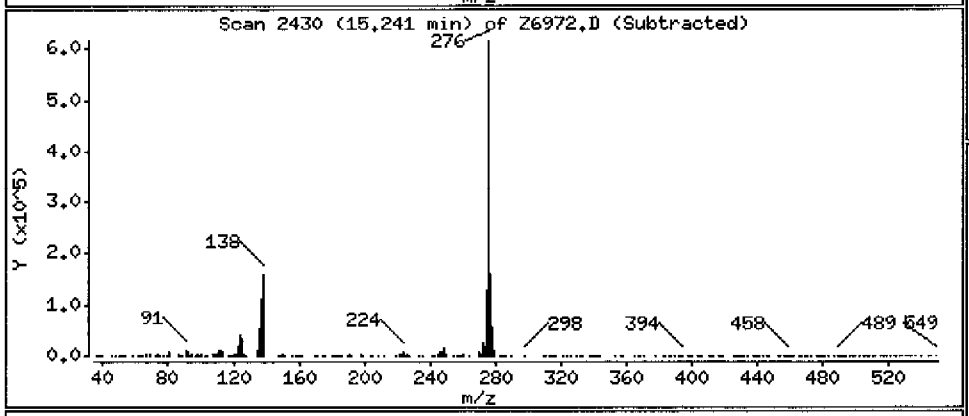
Column phase: RTX-5

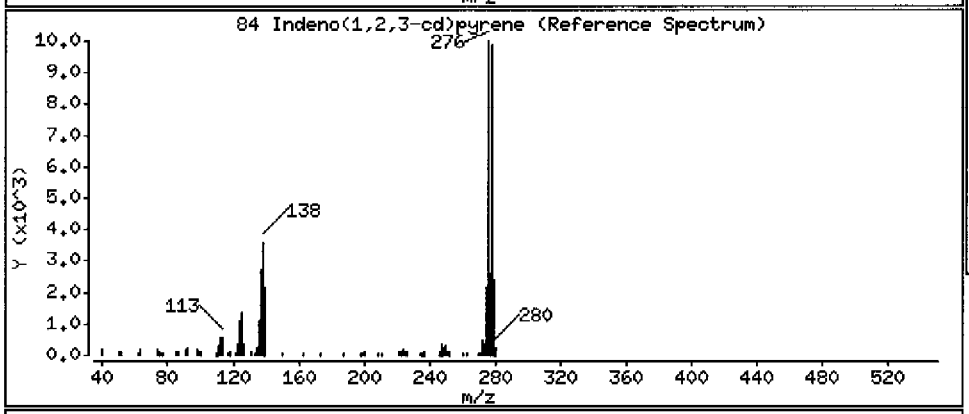
Column diameter: 0.25

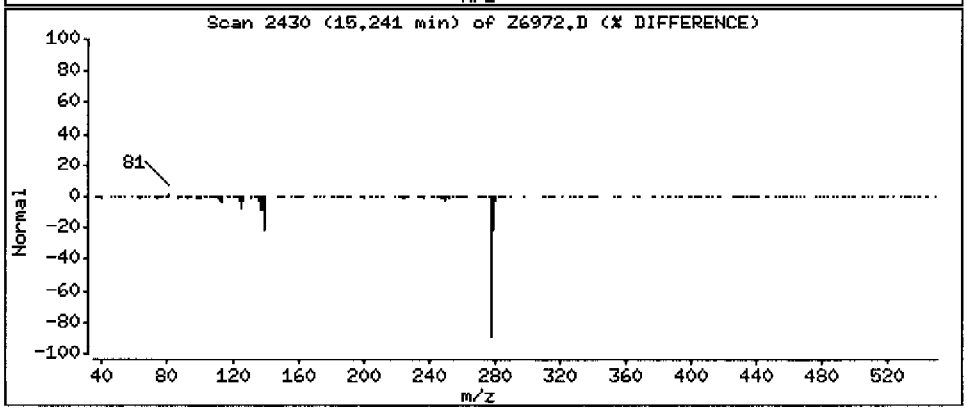
84 Indeno(1,2,3-cd)pyrene

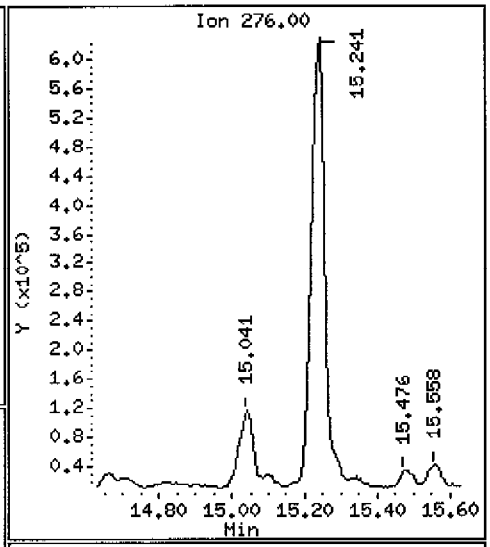
Concentration: 530 ug/Kg

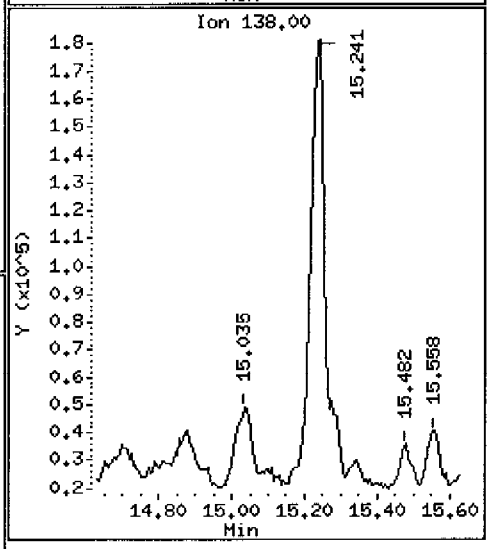












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0

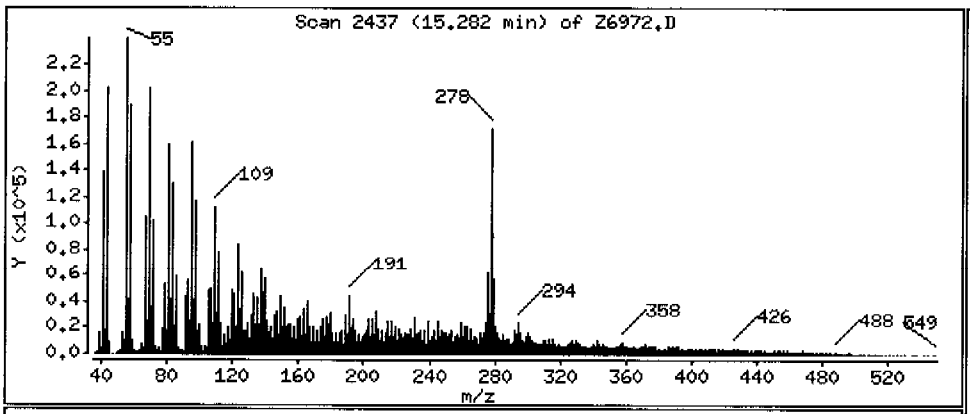
Operator: m.eastman

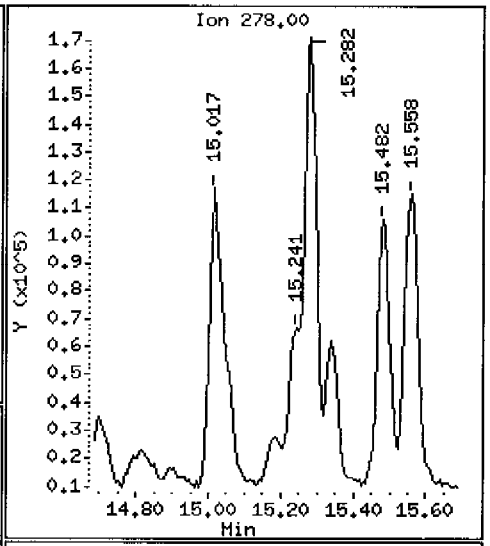
Column phase: RTX-5

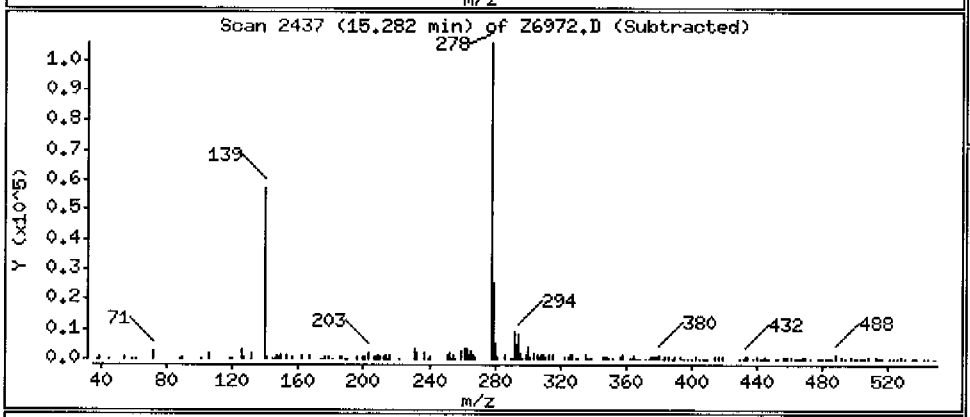
Column diameter: 0.25

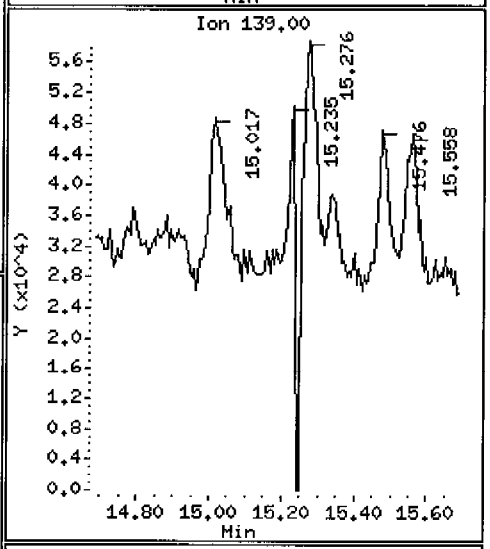
85 Dibenzo(a,h)anthracene

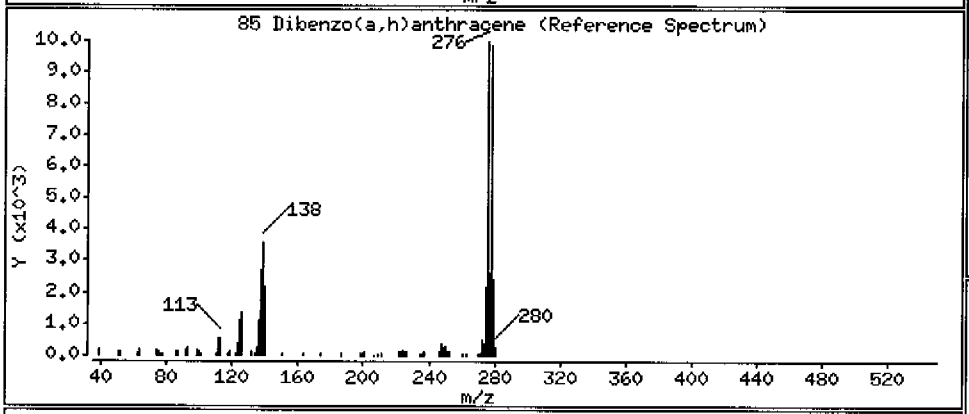
Concentration: 120 ug/Kg

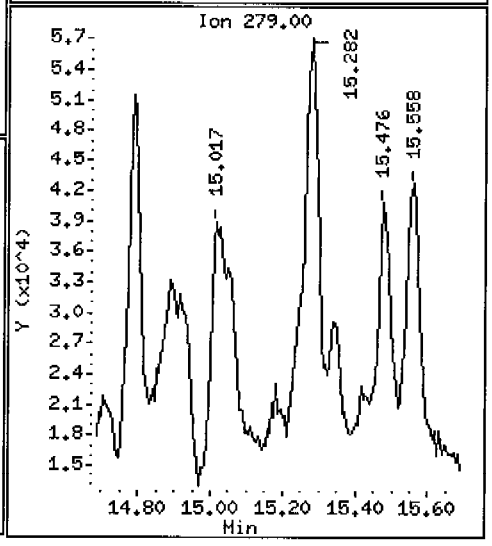


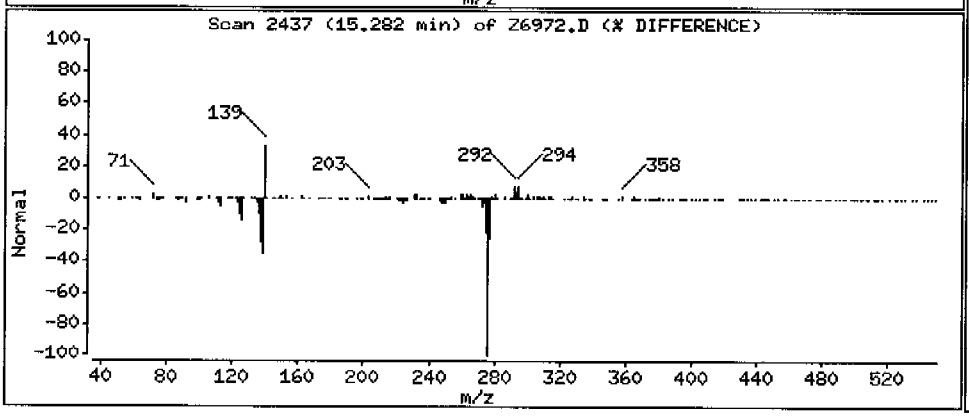












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0

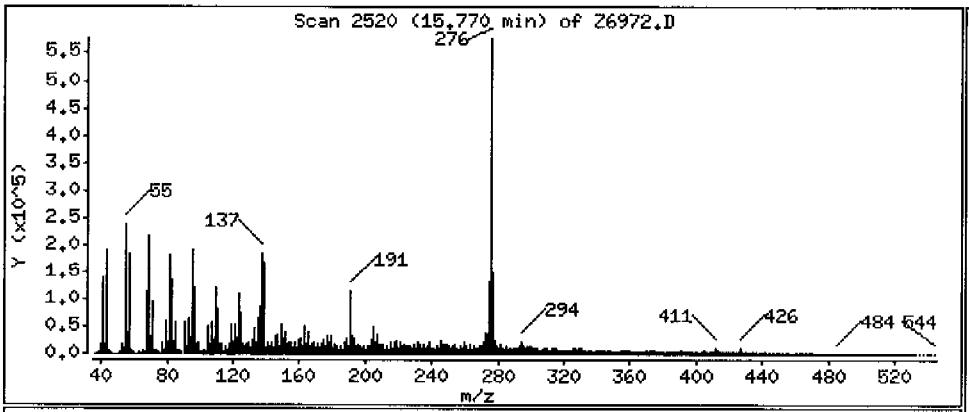
Operator: m.eastman

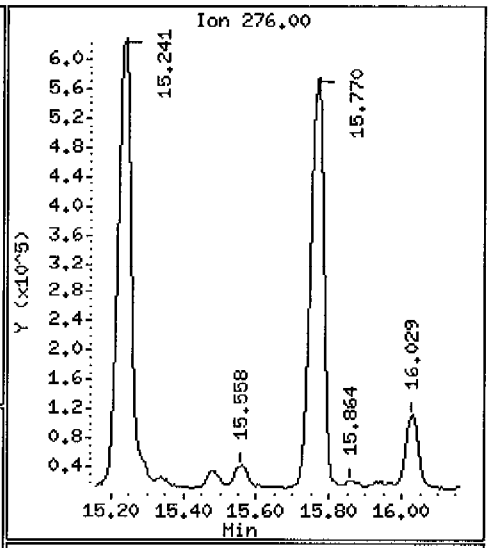
Column phase: RTX-5

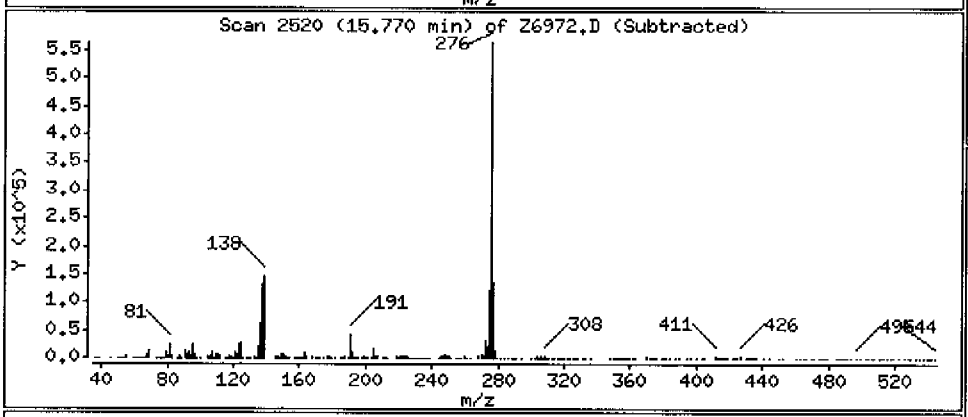
Column diameter: 0.25

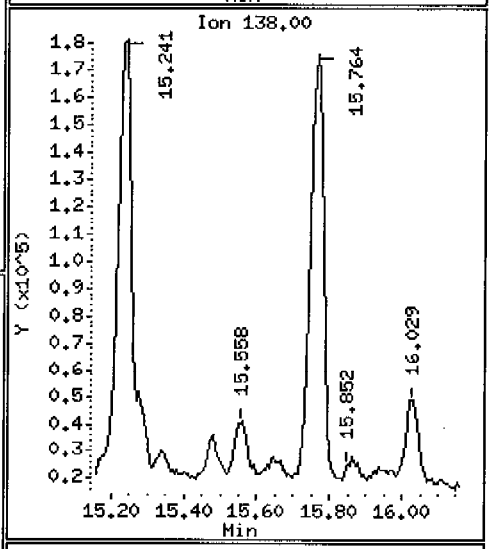
86 Benzo(g,h,i)perylene

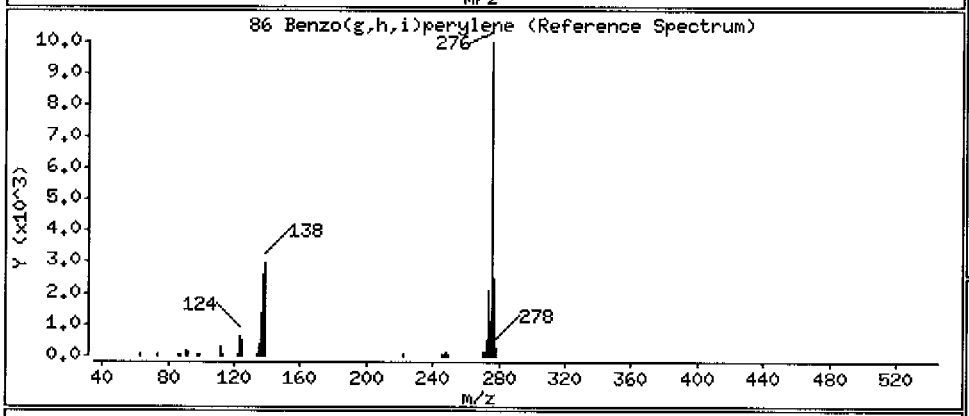
Concentration: 440 ug/Kg

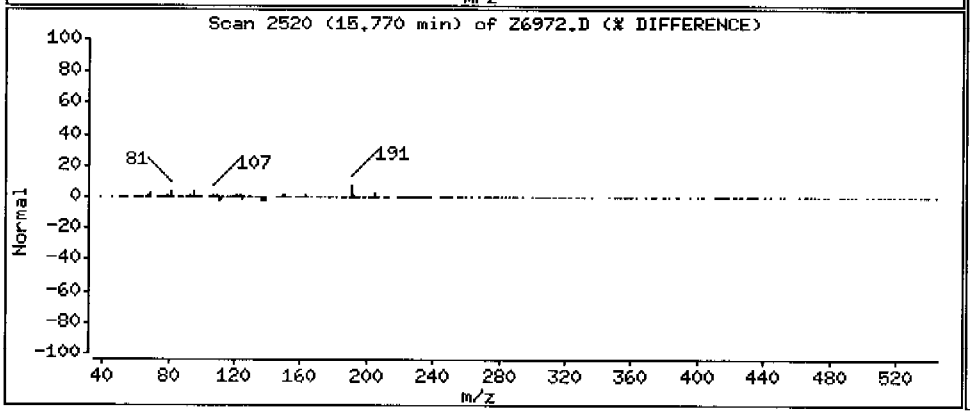


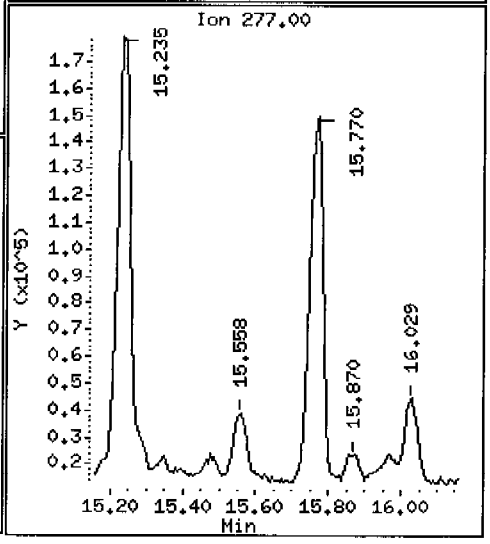












Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

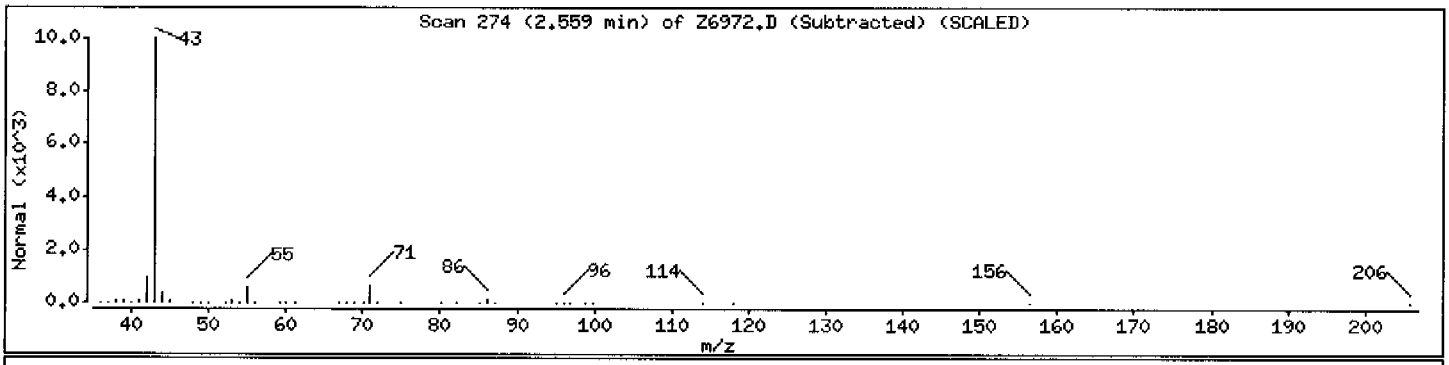
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Amide						
Unknown			0	0		0



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

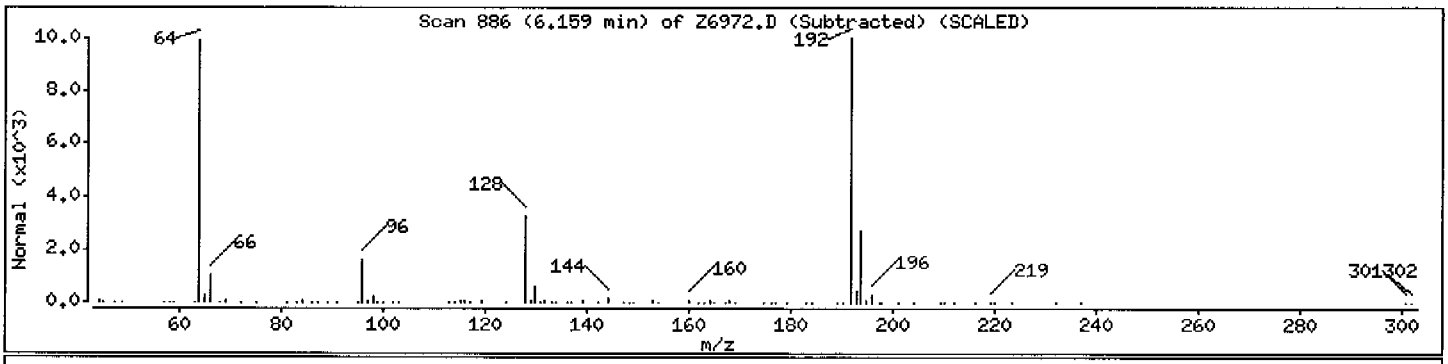
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

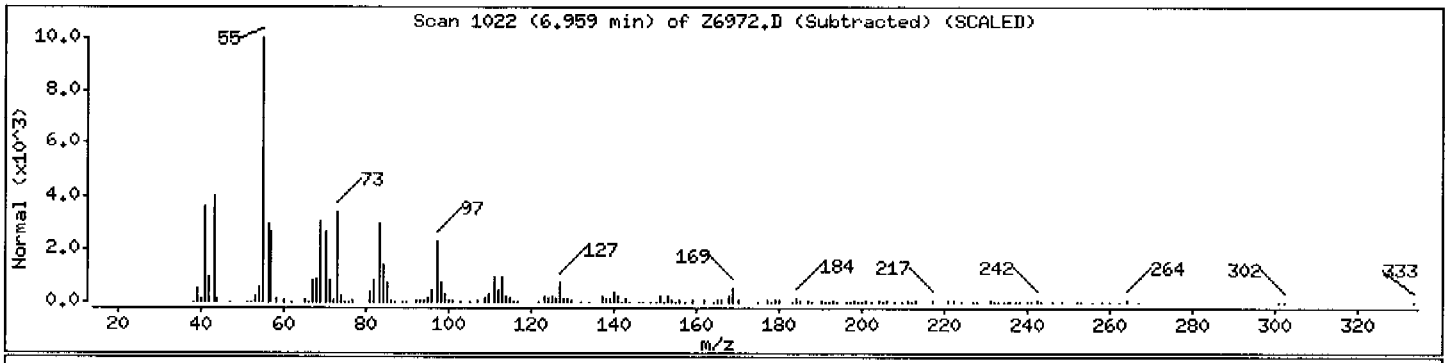
Volume Injected (uL): 2.0

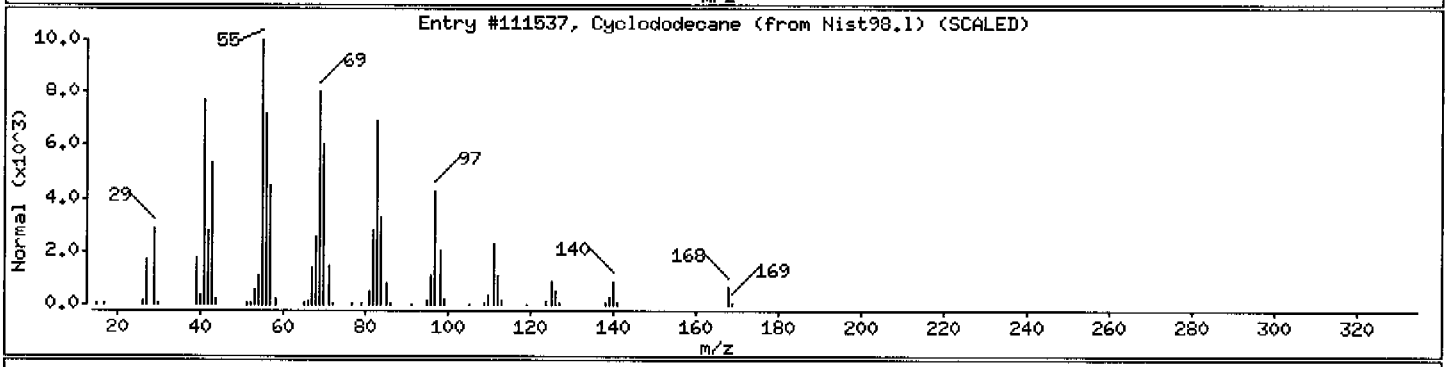
Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclododecane	294-62-2	Nist98.l	111537	92	C12H24	168





Date : 24-AUG-2006 15:36

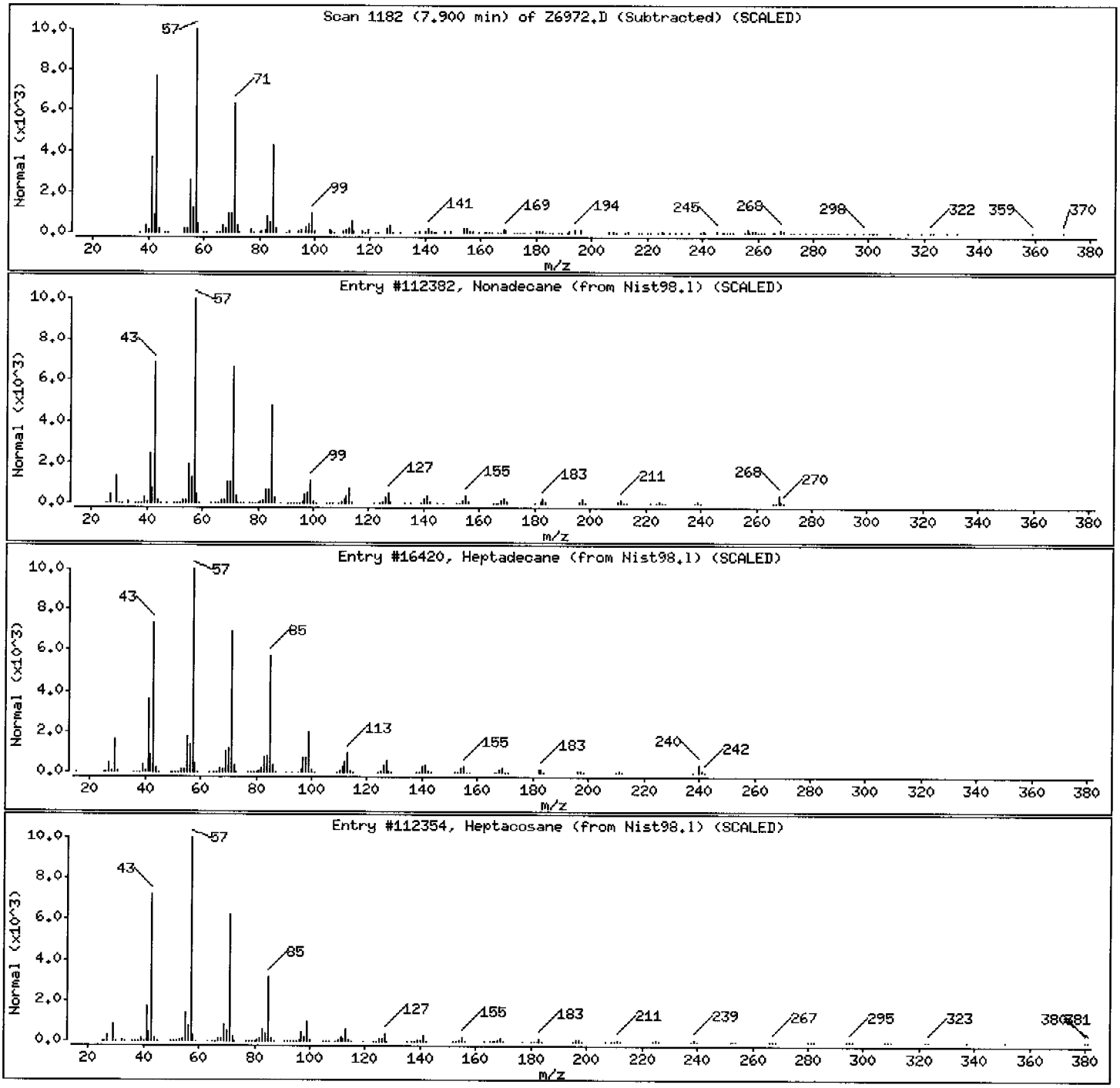
Client ID: SB-40(4-5.5) Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0 Operator: m.eastman

Column phase: RTX-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown straight alkane						
Nonadecane	629-92-5	Nist98.l	112382	97	C19H40	268
Heptadecane	629-78-7	Nist98.l	16420	93	C17H36	240
Heptacosane	593-49-7	Nist98.l	112354	91	C27H56	380



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

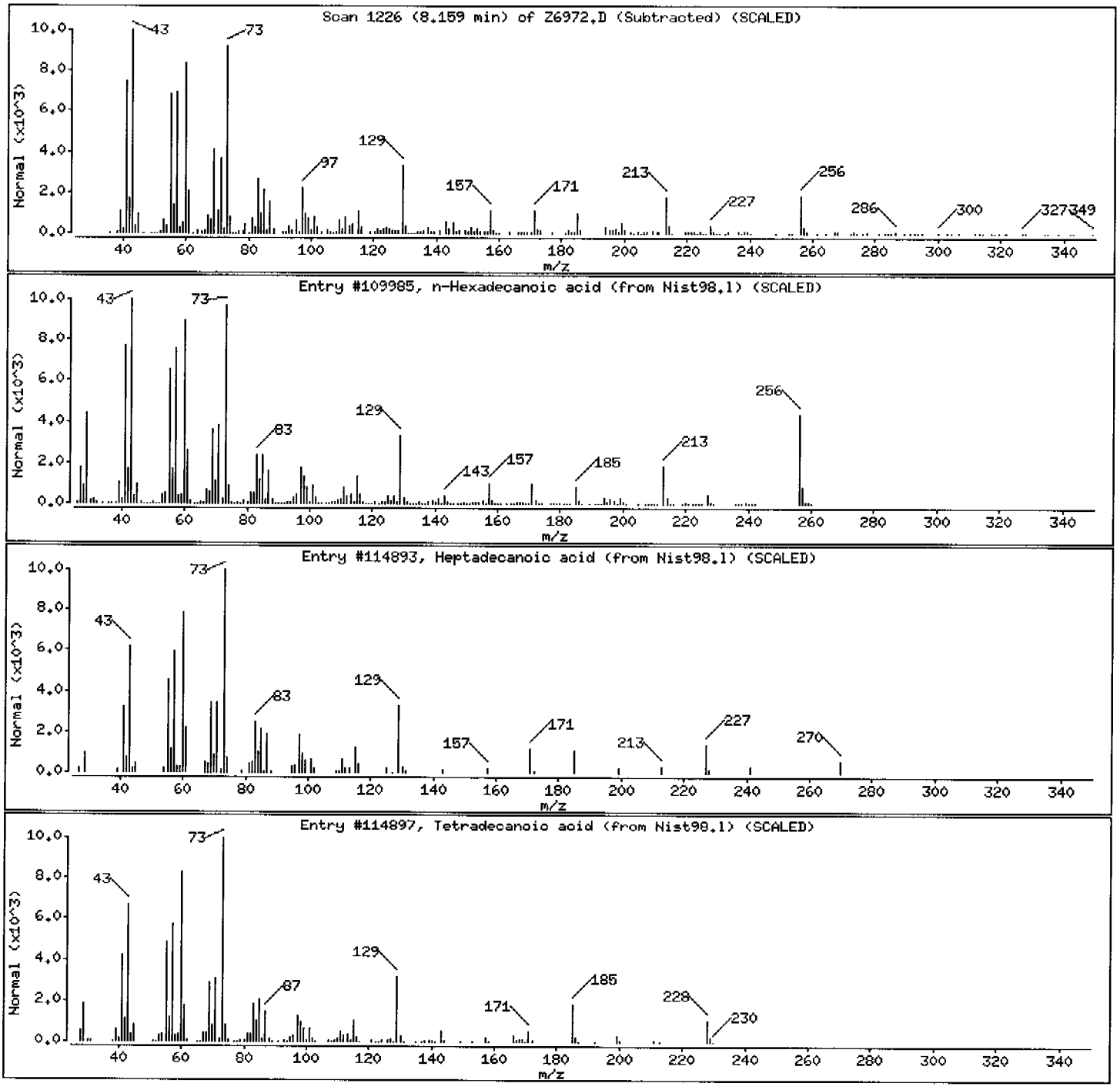
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
n-Hexadecanoic acid	57-10-3	Nist98.l	109985	97	C16H3202	256
Heptadecanoic acid	506-12-7	Nist98.l	114893	81	C17H3402	270
Tetradecanoic acid	544-63-8	Nist98.l	114897	74	C14H2802	228



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

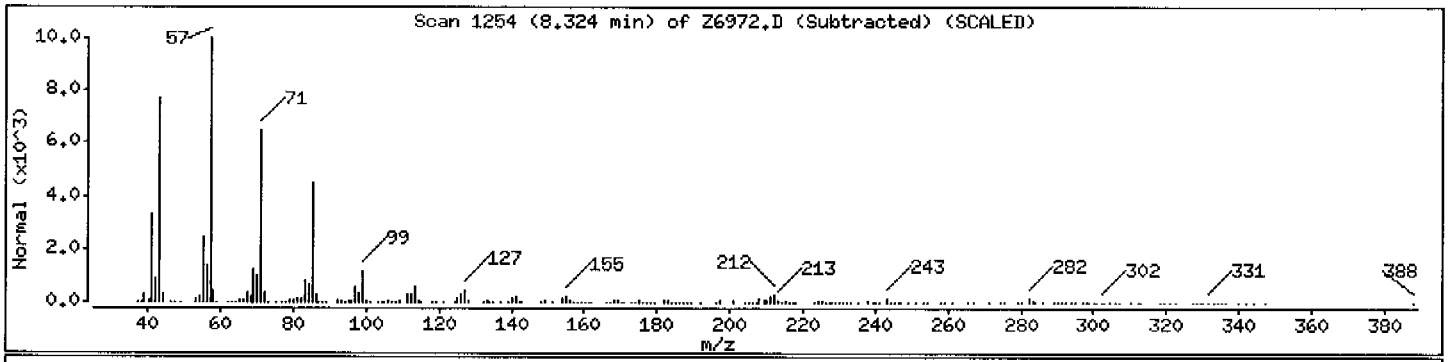
Volume Injected (uL): 2.0

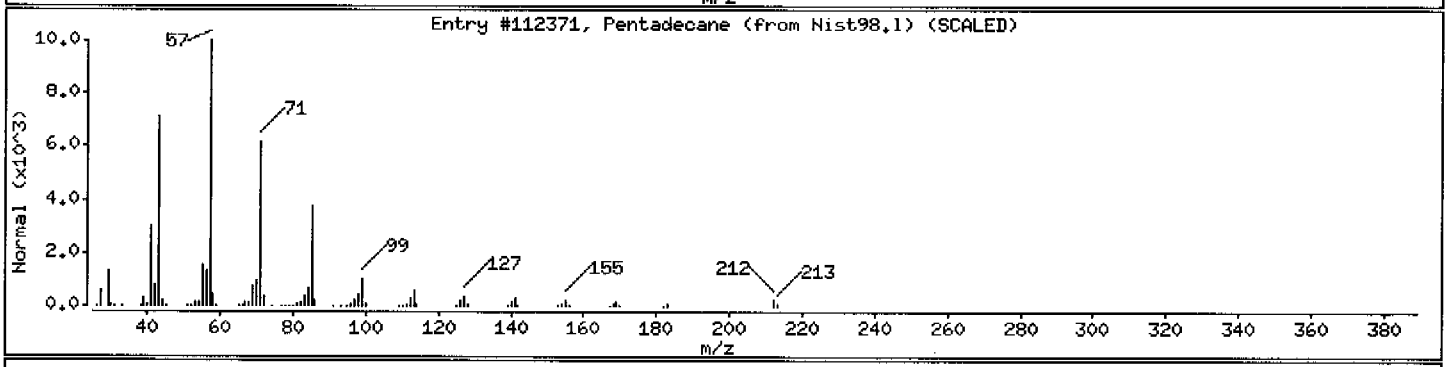
Operator: m.eastman

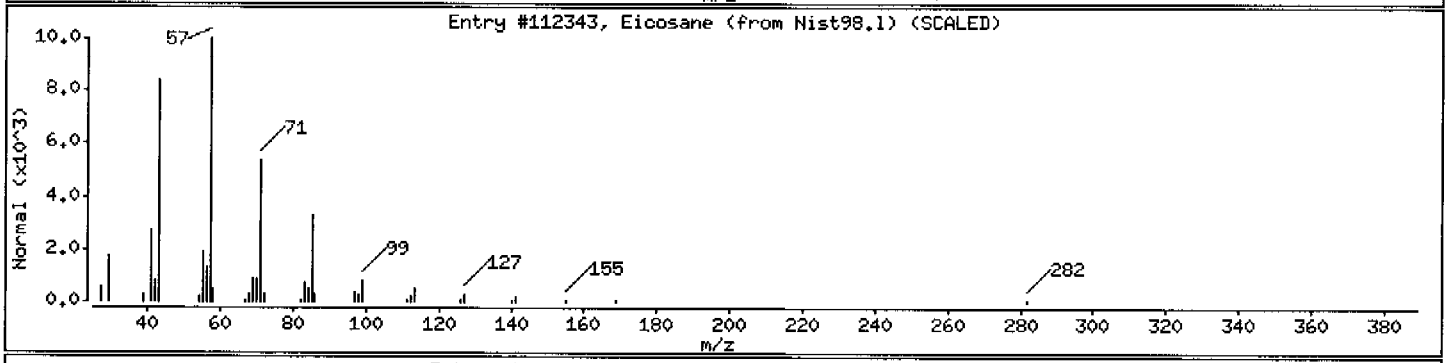
Column phase: RTX-5

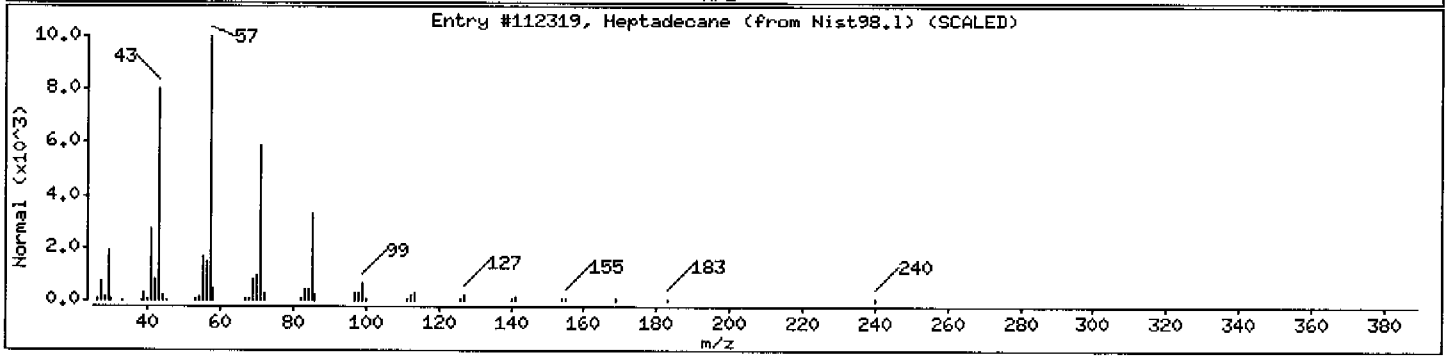
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown straight alkane						
Pentadecane	629-62-9	Nist98.l	112371	98	C15H32	212
Eicosane	112-95-8	Nist98.l	112343	95	C20H42	282
Heptadecane	629-78-7	Nist98.l	112319	91	C17H36	240









Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

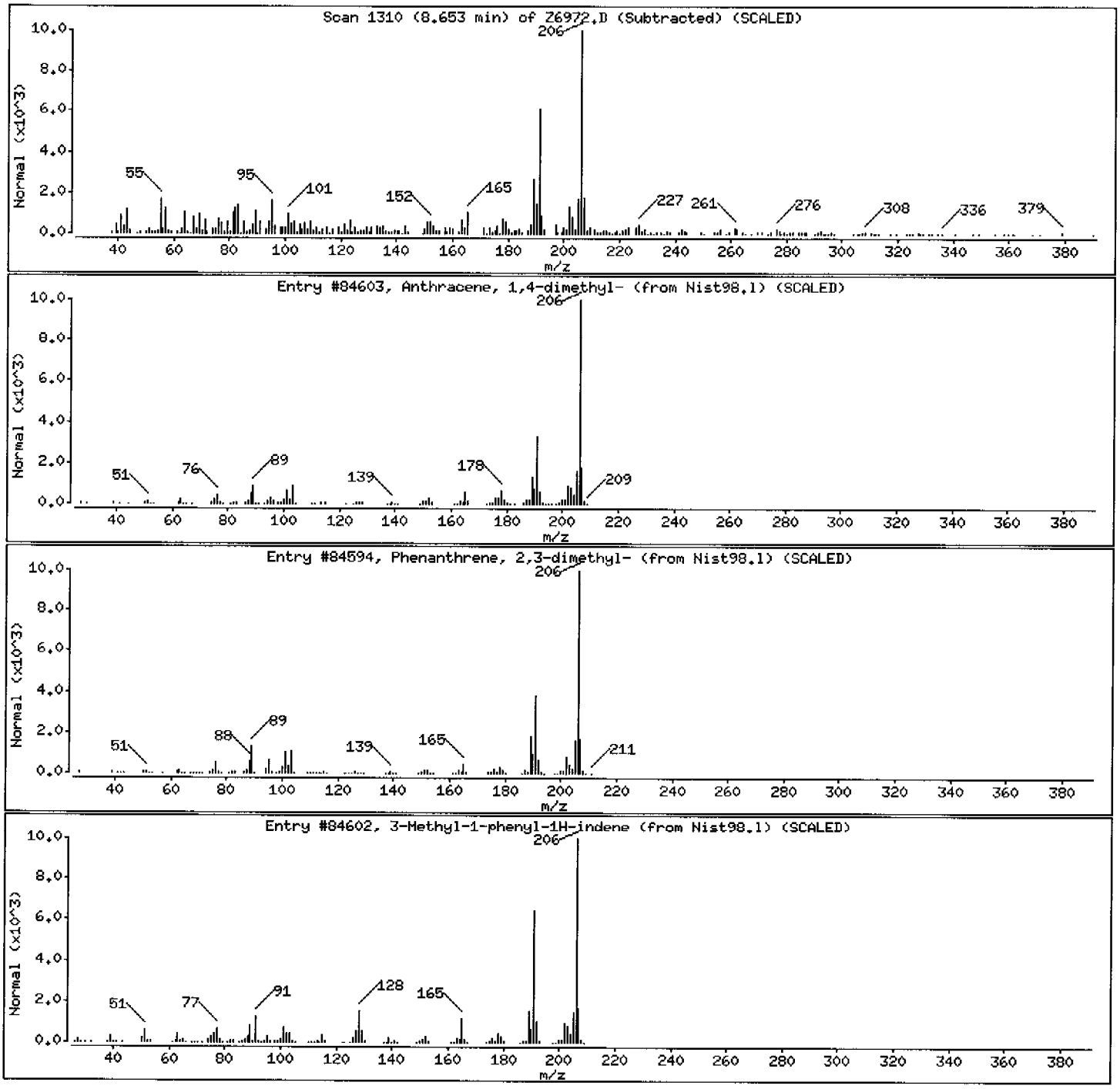
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Anthracene, 1,4-dimethyl-	781-92-0	Nist98.l	84603	93	C16H14	206
Phenanthrene, 2,3-dimethyl-	3674-65-5	Nist98.l	84594	93	C16H14	206
3-Methyl-1-phenyl-1H-indene	22360-63-0	Nist98.l	84602	91	C16H14	206



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

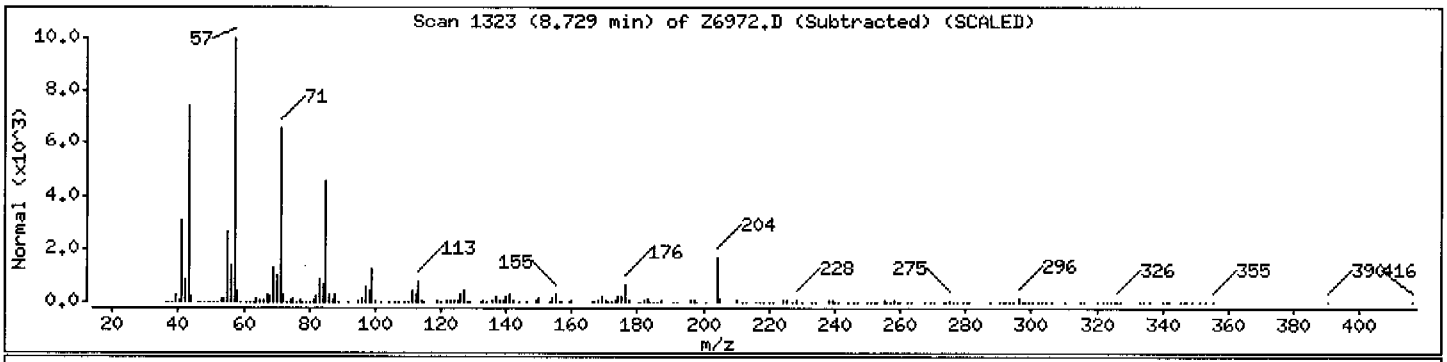
Volume Injected (uL): 2.0

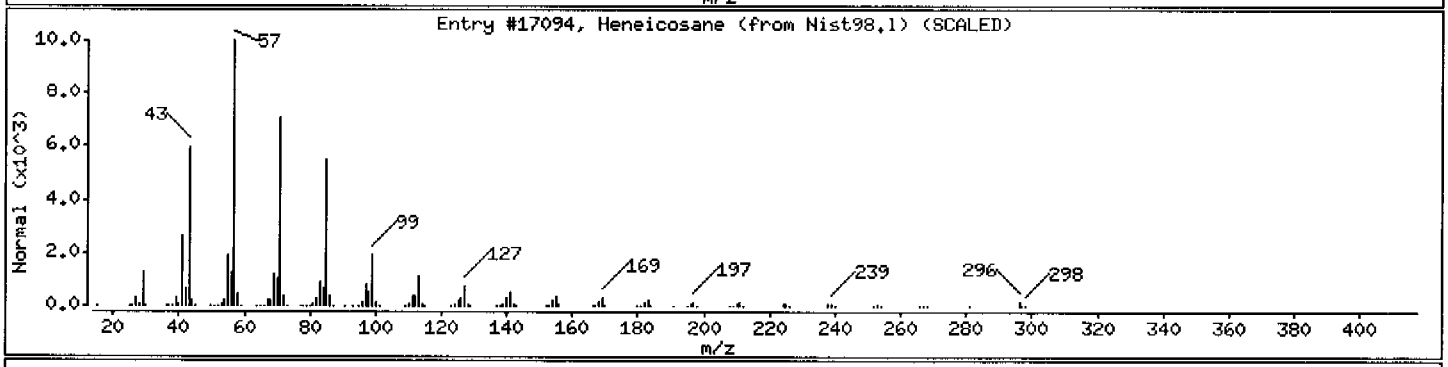
Operator: m.eastman

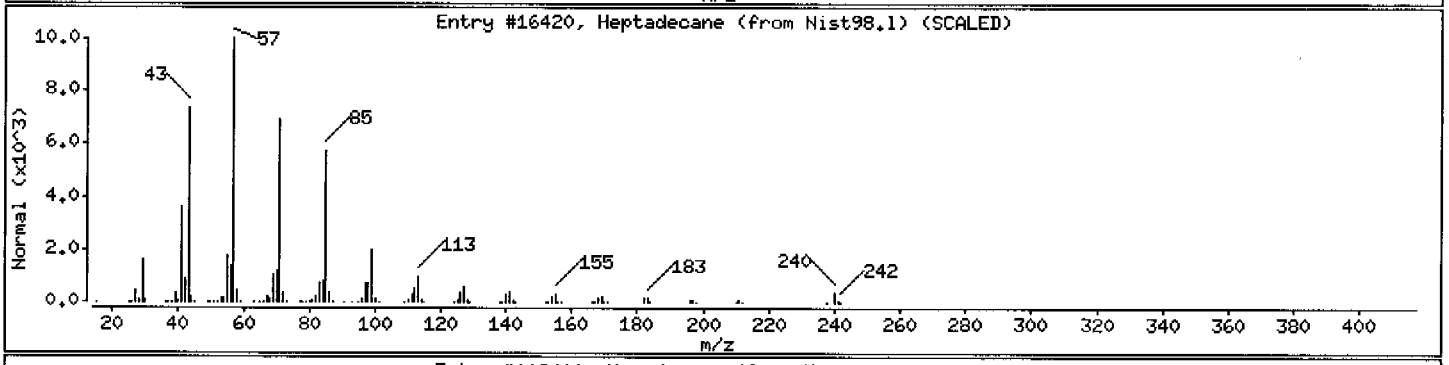
Column phase: RTX-5

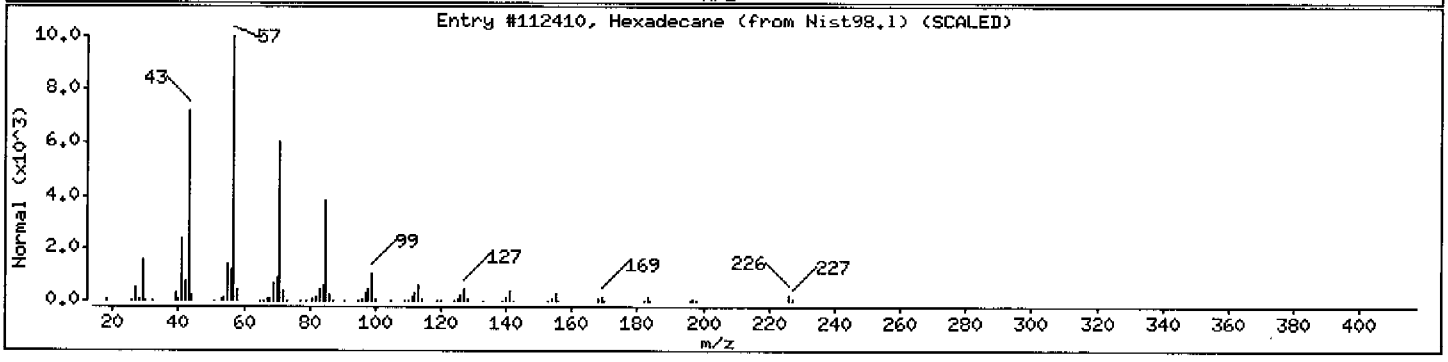
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown straight alkane						
Heneicosane	629-94-7	Nist98.l	17094	98	C21H44	296
Heptadecane	629-78-7	Nist98.l	16420	95	C17H36	240
Hexadecane	544-76-3	Nist98.l	112410	87	C16H34	226









Data File: \\Target1_ot\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

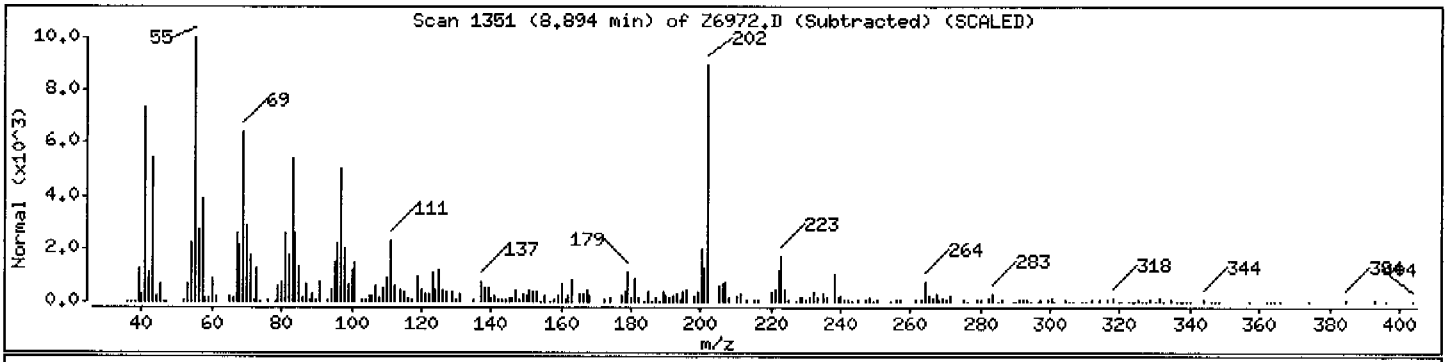
Volume Injected (uL): 2.0

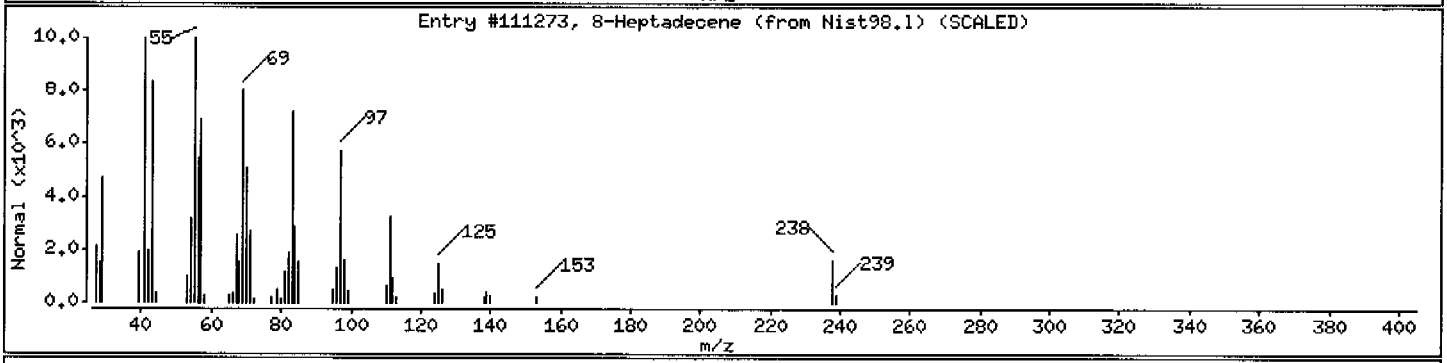
Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
8-Heptadecene	54290-12-9	Nist98.l	111273	83	C17H34	238





Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

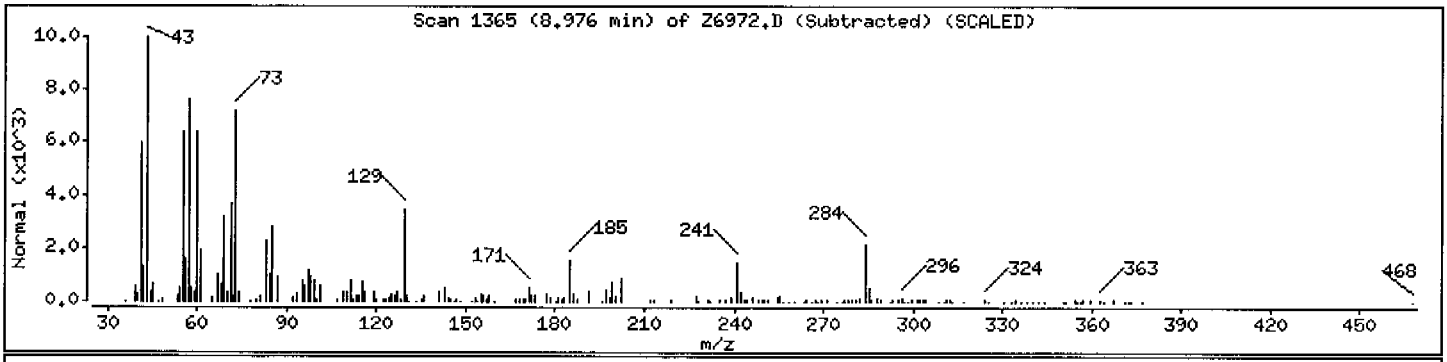
Volume Injected (uL): 2.0

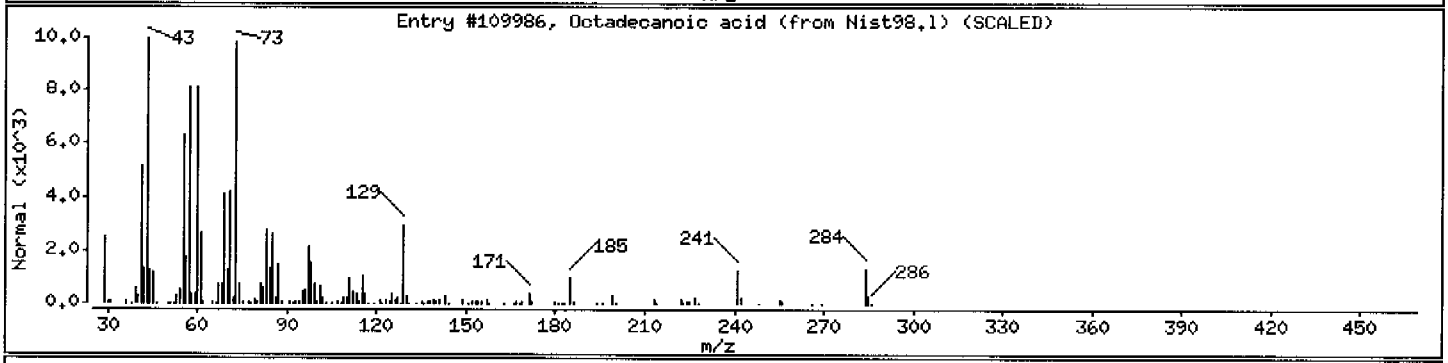
Operator: m.eastman

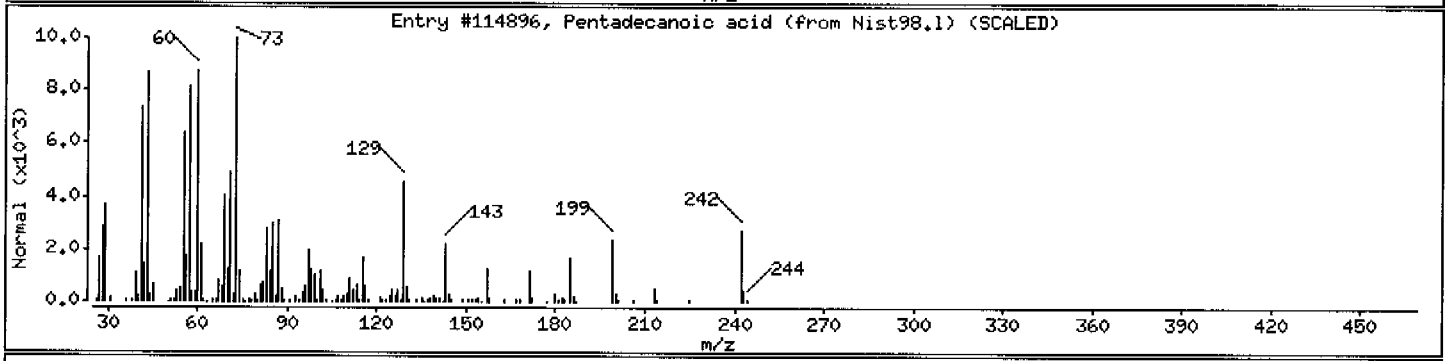
Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octadecanoic acid	57-11-4	Nist98.l	109986	97	C18H3602	284
Pentadecanoic acid	1002-84-2	Nist98.l	114896	83	C15H3002	242







Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

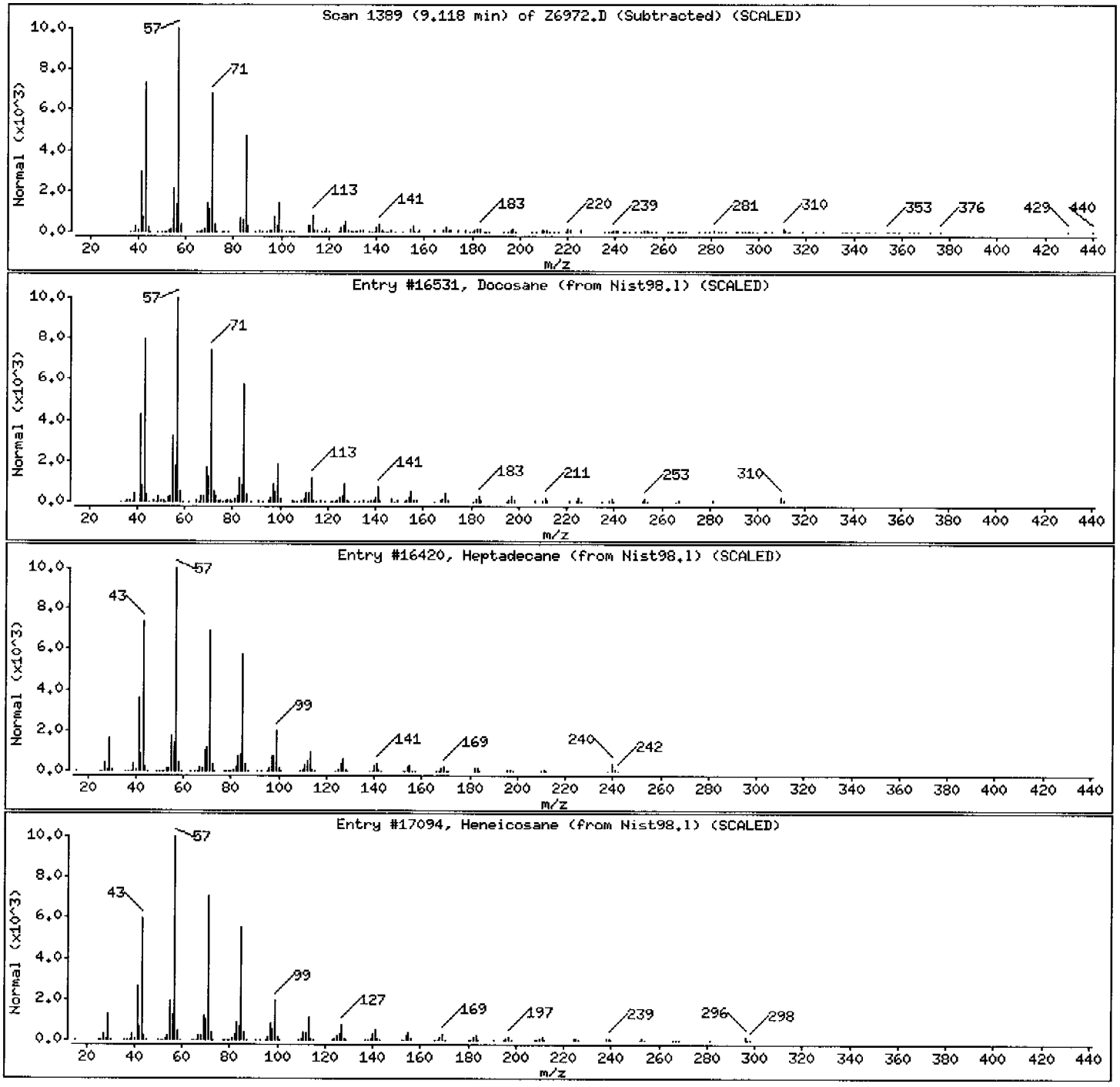
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown straight alkane						
Docosane	629-97-0	Nist98.l	16531	98	C22H46	310
Heptadecane	629-78-7	Nist98.l	16420	94	C17H36	240
Heneicosane	629-94-7	Nist98.l	17094	91	C21H44	296



Date : 24-AUG-2006 15:36

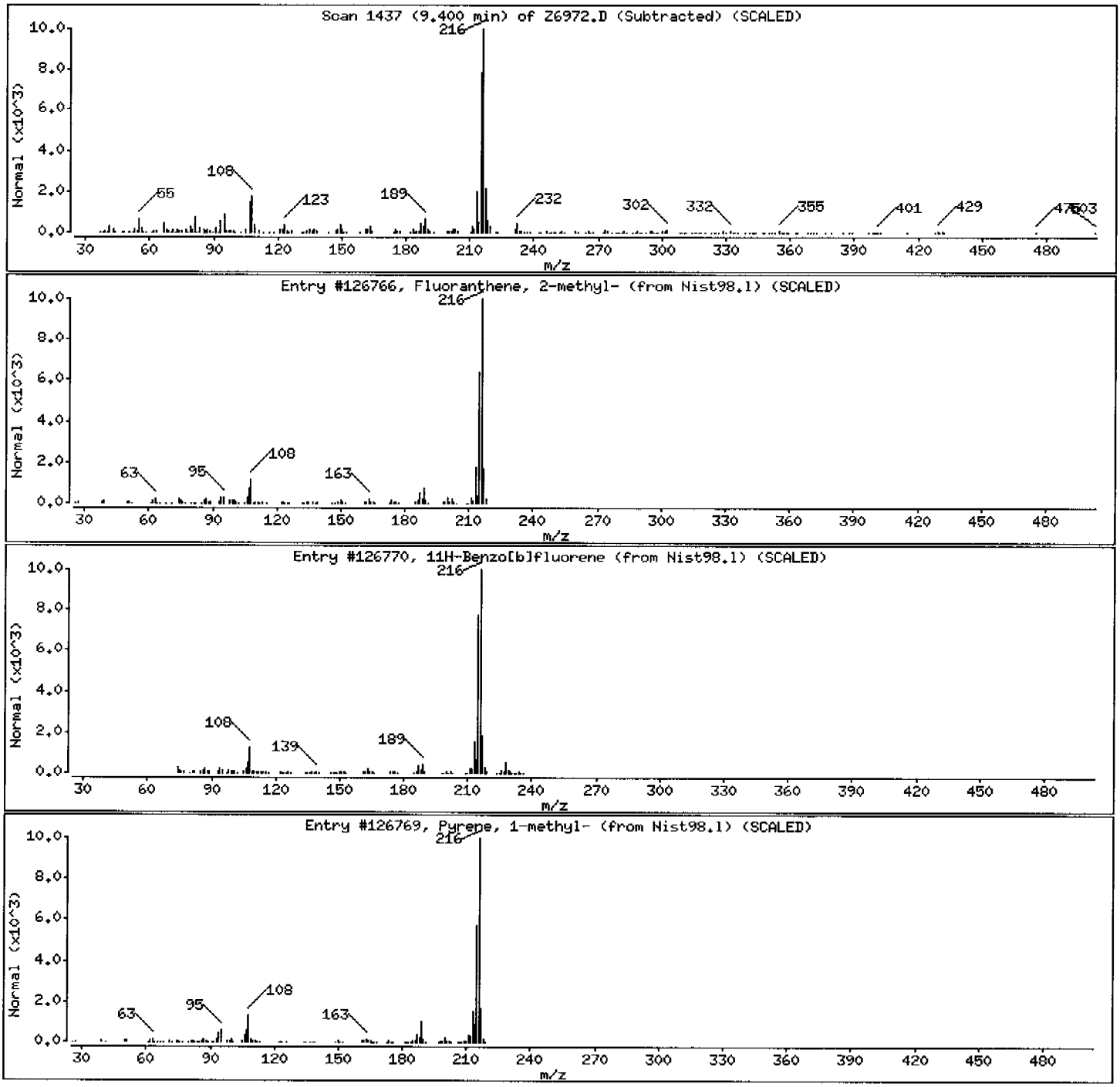
Client ID: SB-40(4-5.5) Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0 Operator: m.eastman

Column phase: RTX-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Fluoranthene, 2-methyl-	33543-31-6	Nist98.l	126766	94	C17H12	216
11H-Benzo[b]fluorene	243-17-4	Nist98.l	126770	93	C17H12	216
Pyrene, 1-methyl-	2381-21-7	Nist98.l	126769	90	C17H12	216



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Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

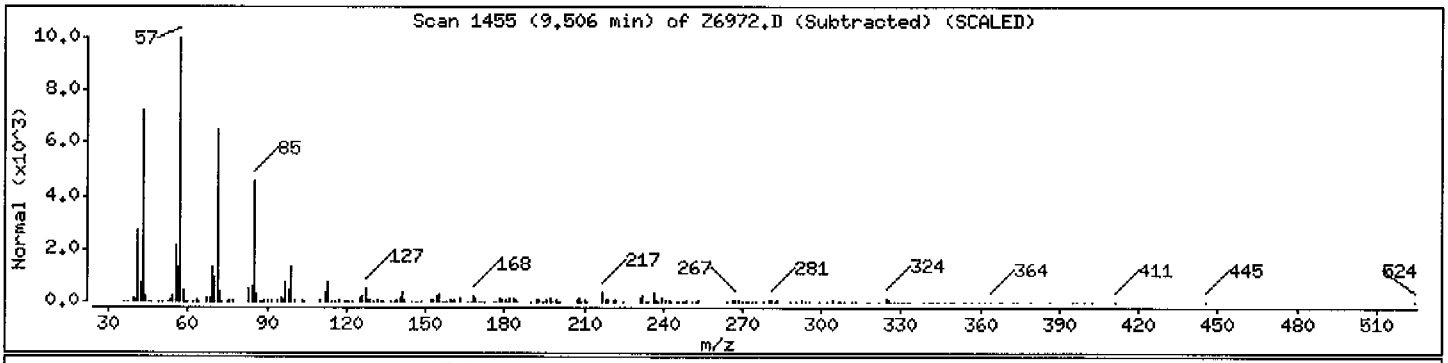
Volume Injected (uL): 2.0

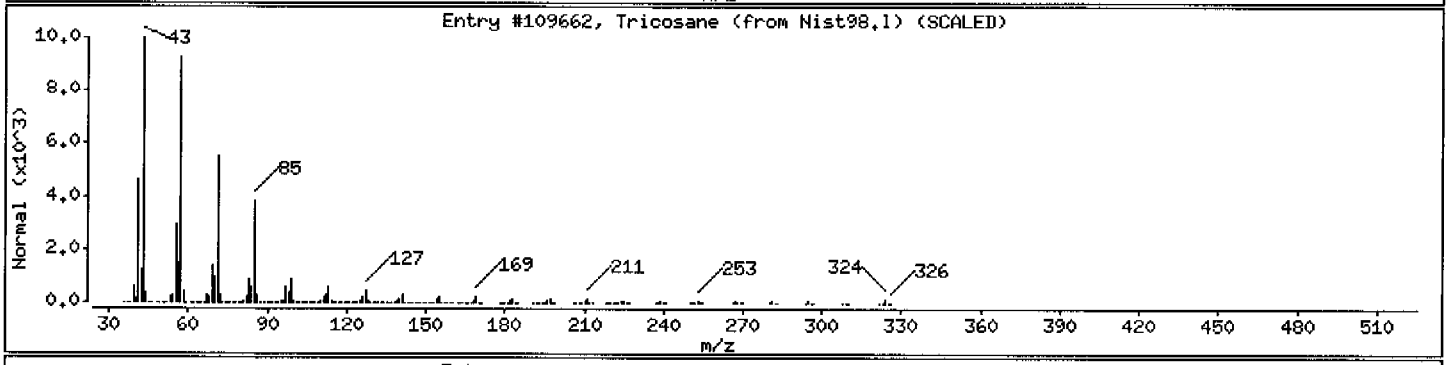
Operator: m.eastman

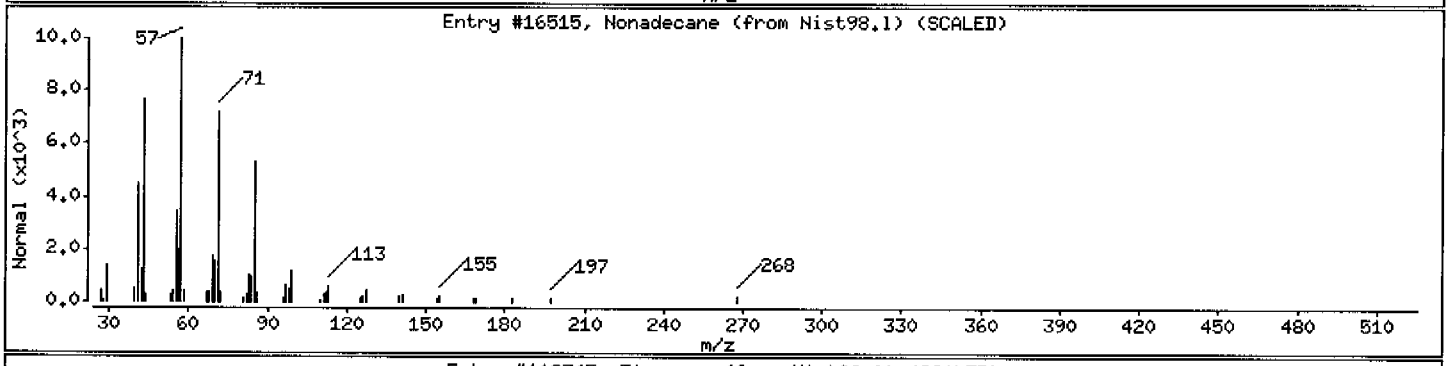
Column phase: RTX-5

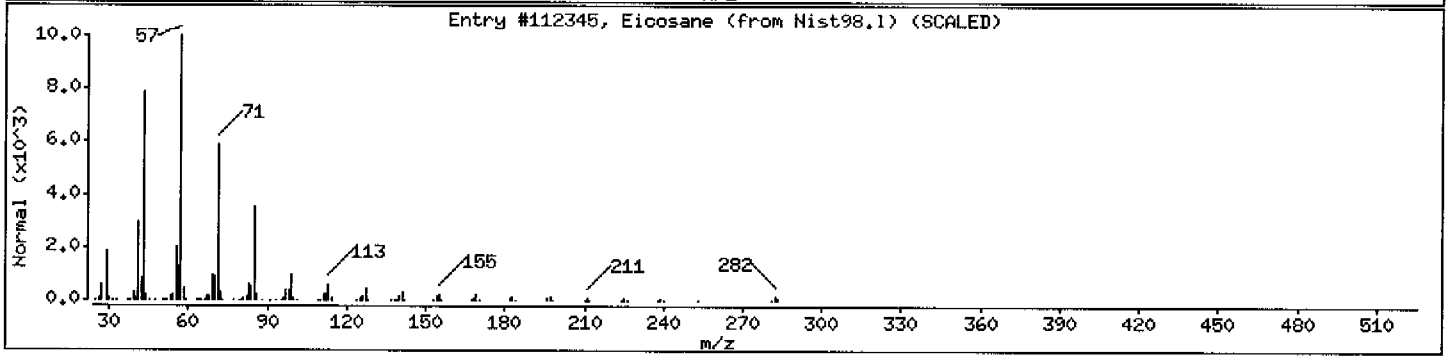
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown straight alkane						
Tricosane	638-67-5	Nist98.l	109662	91	C23H48	324
Nonadecane	629-92-5	Nist98.l	16515	89	C19H40	268
Eicosane	112-95-8	Nist98.l	112345	87	C20H42	282









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Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

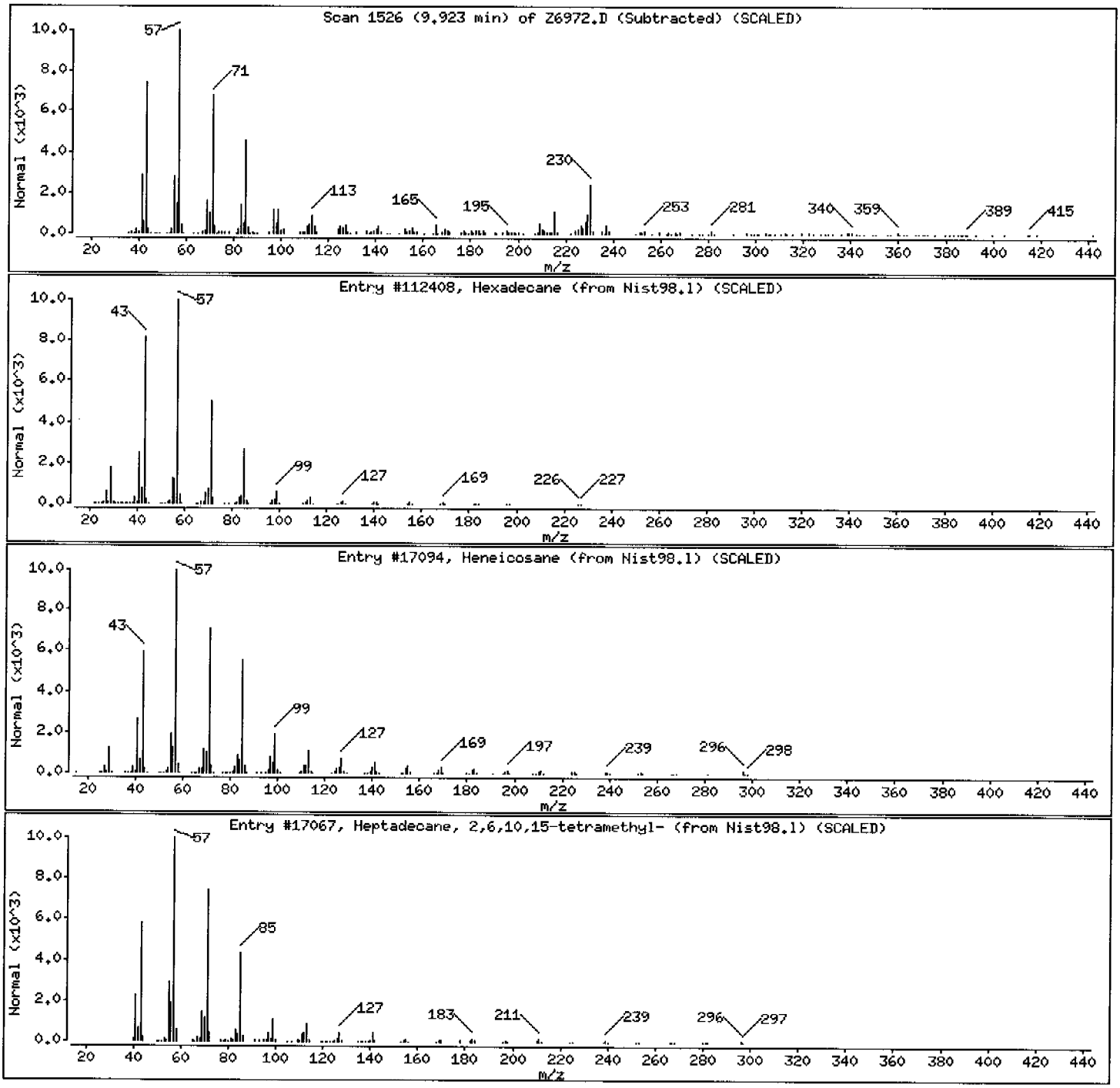
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown straight alkane						
Hexadecane	544-76-3	Nist98.l	112408	93	C16H34	226
Heneicosane	629-94-7	Nist98.l	17094	92	C21H44	296
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	Nist98.l	17067	90	C21H44	296



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Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

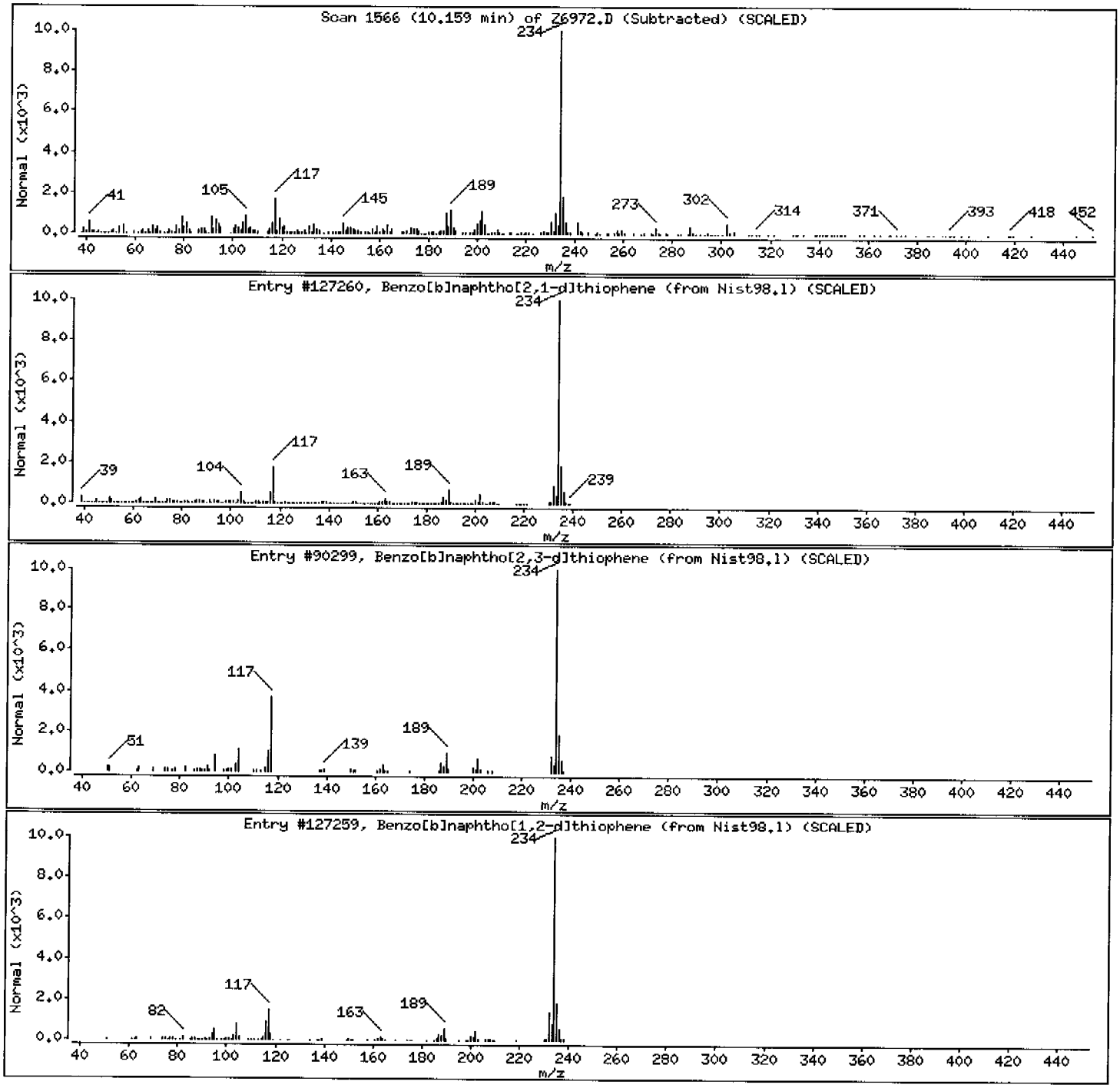
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

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	127260	95	C16H10S	234
Benzo[b]naphtho[2,3-d]thiophene	243-46-9	Nist98.l	90299	94	C16H10S	234
Benzo[b]naphtho[1,2-d]thiophene	205-43-6	Nist98.l	127259	90	C16H10S	234



Date : 24-AUG-2006 15:36

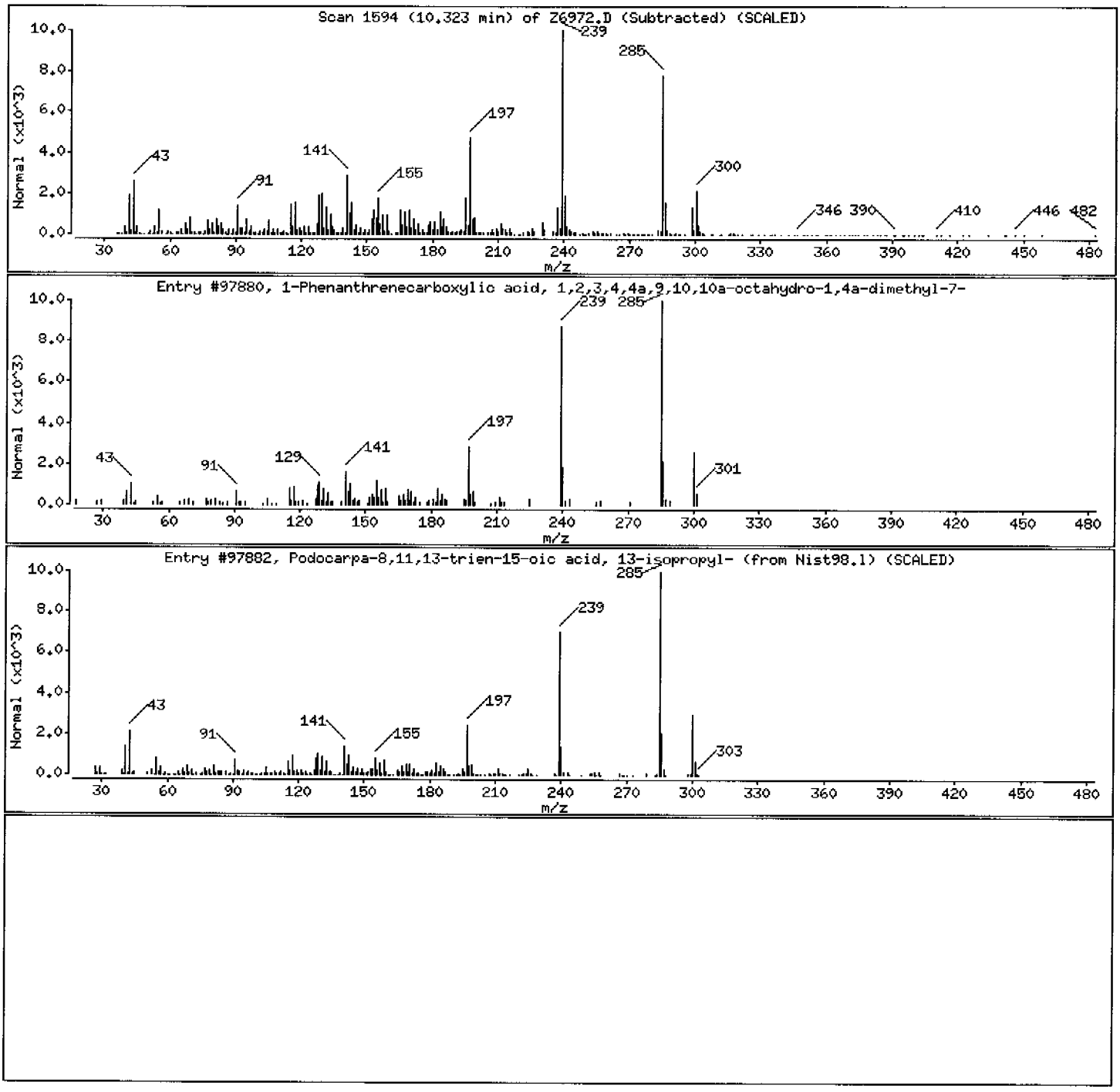
Client ID: SB-40(4-5.5) Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0 Operator: m.eastman

Column phase: RTX-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Phenanthrenecarboxylic acid, 1,2,3,4,4	1740-19-8	Nist98.l	97880	96	C20H2802	300
Podocarpa-8,11,13-trien-15-oic acid, 13-	1000164-00-3	Nist98.l	97882	87	C20H2802	300



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Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

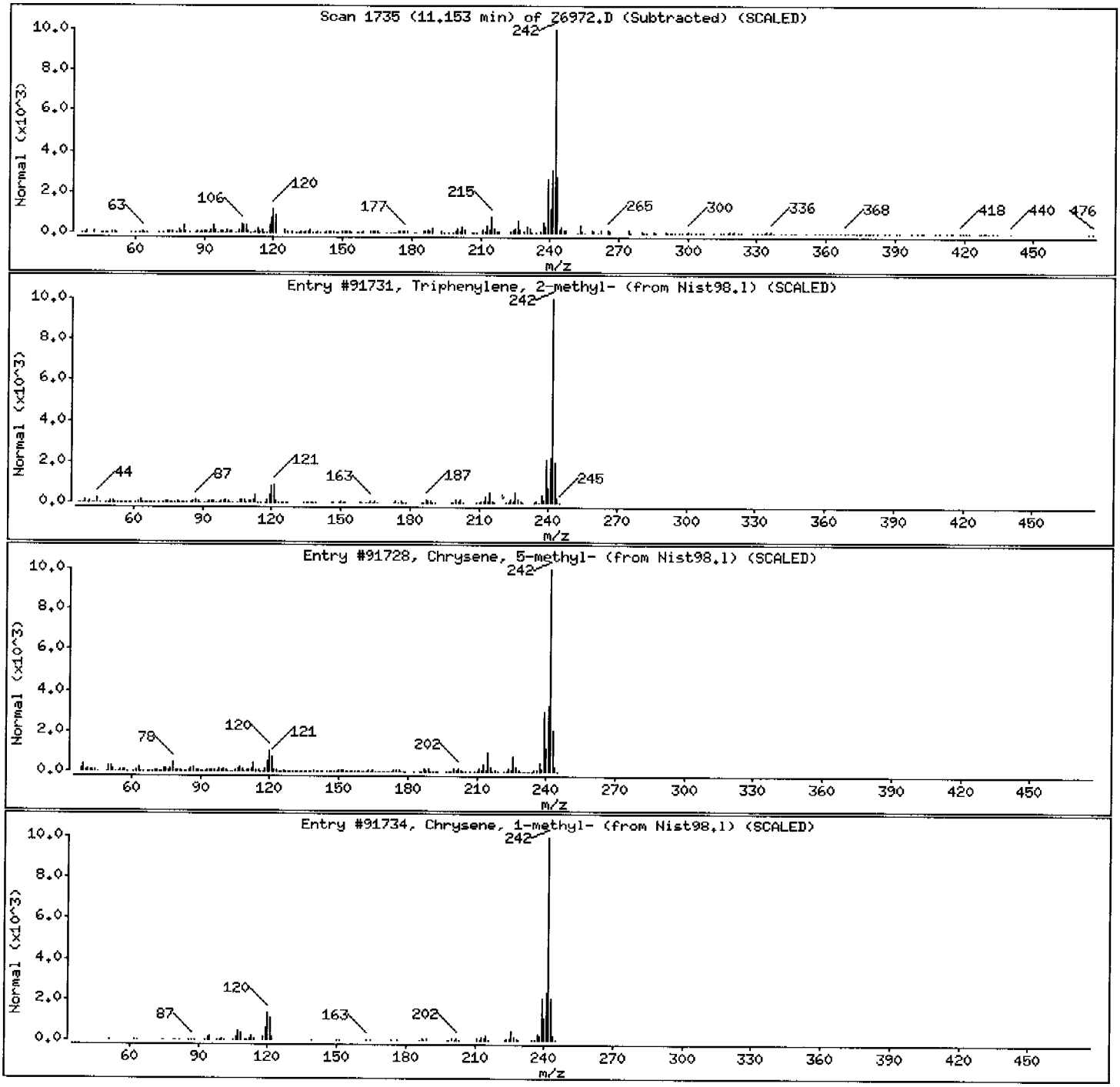
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Triphenylene, 2-methyl-	1705-84-6	Nist98.l	91731	96	C19H14	242
Chrysene, 5-methyl-	3697-24-3	Nist98.l	91728	94	C19H14	242
Chrysene, 1-methyl-	3351-28-8	Nist98.l	91734	93	C19H14	242



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Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

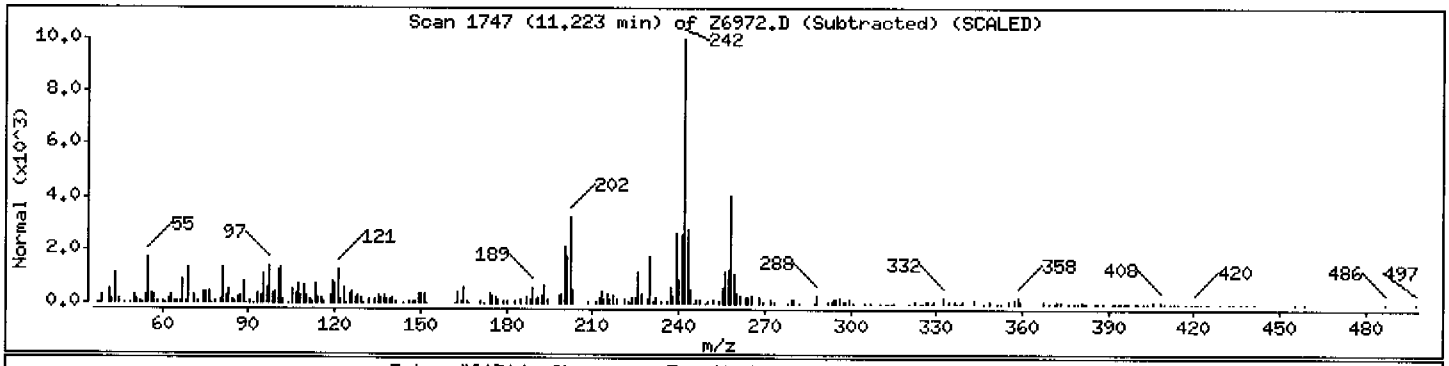
Volume Injected (uL): 2.0

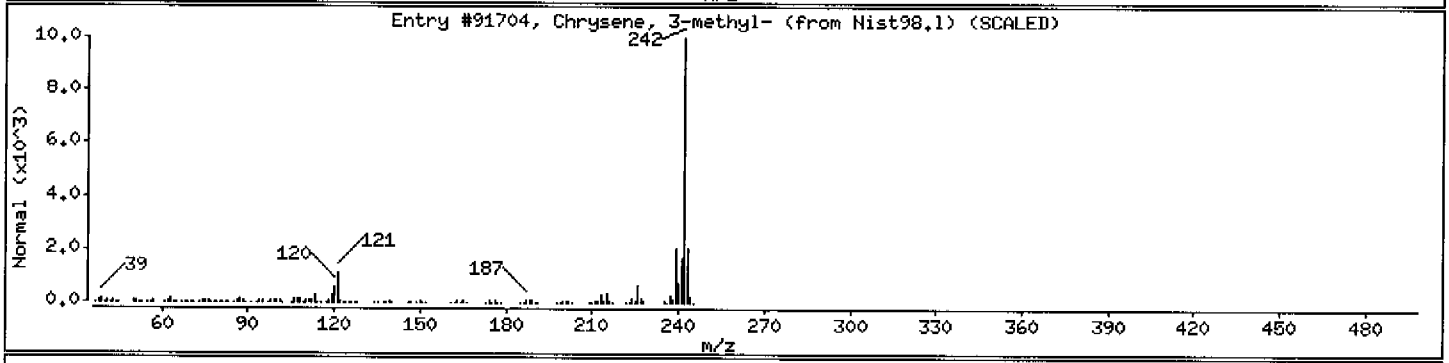
Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Chrysene, 3-methyl-	3351-31-3	Nist98.l	91704	90	C19H14	242





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Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

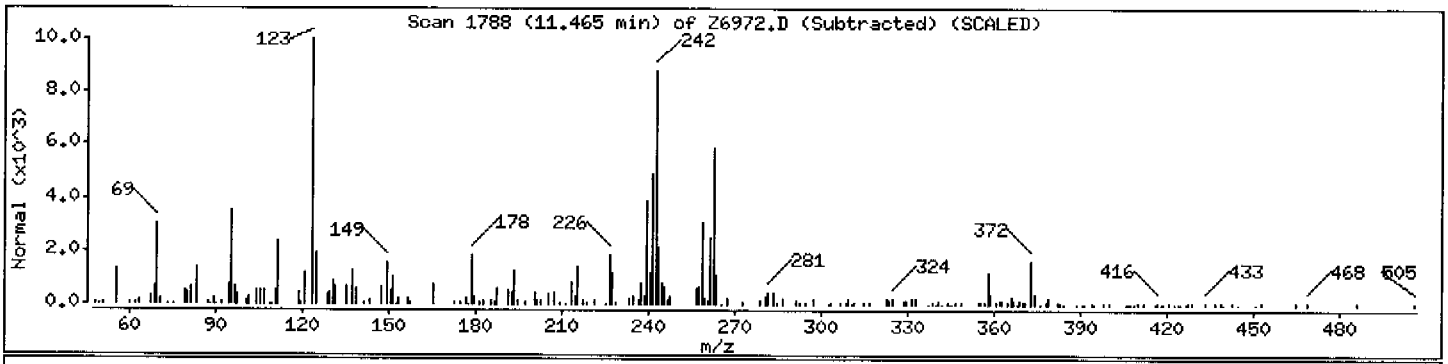
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

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-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

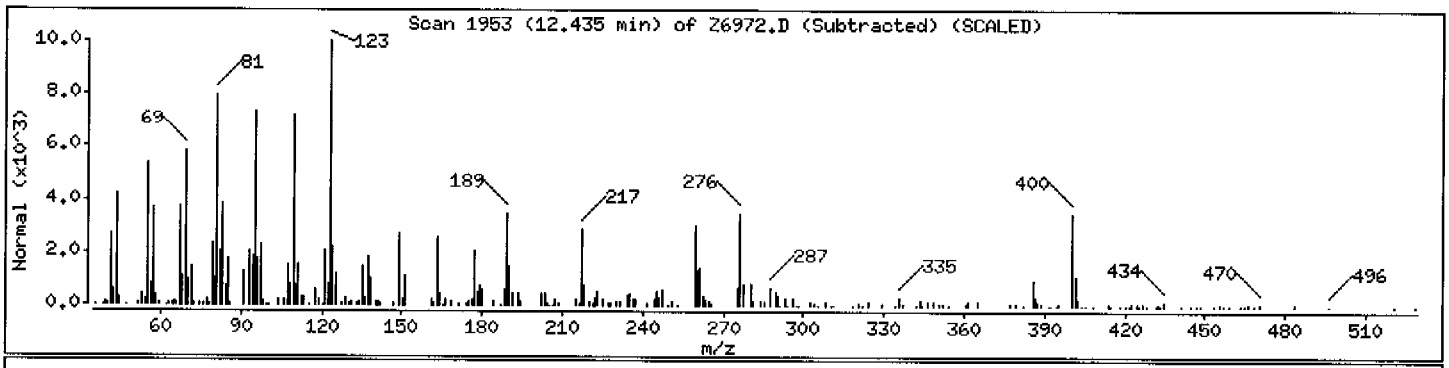
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

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-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

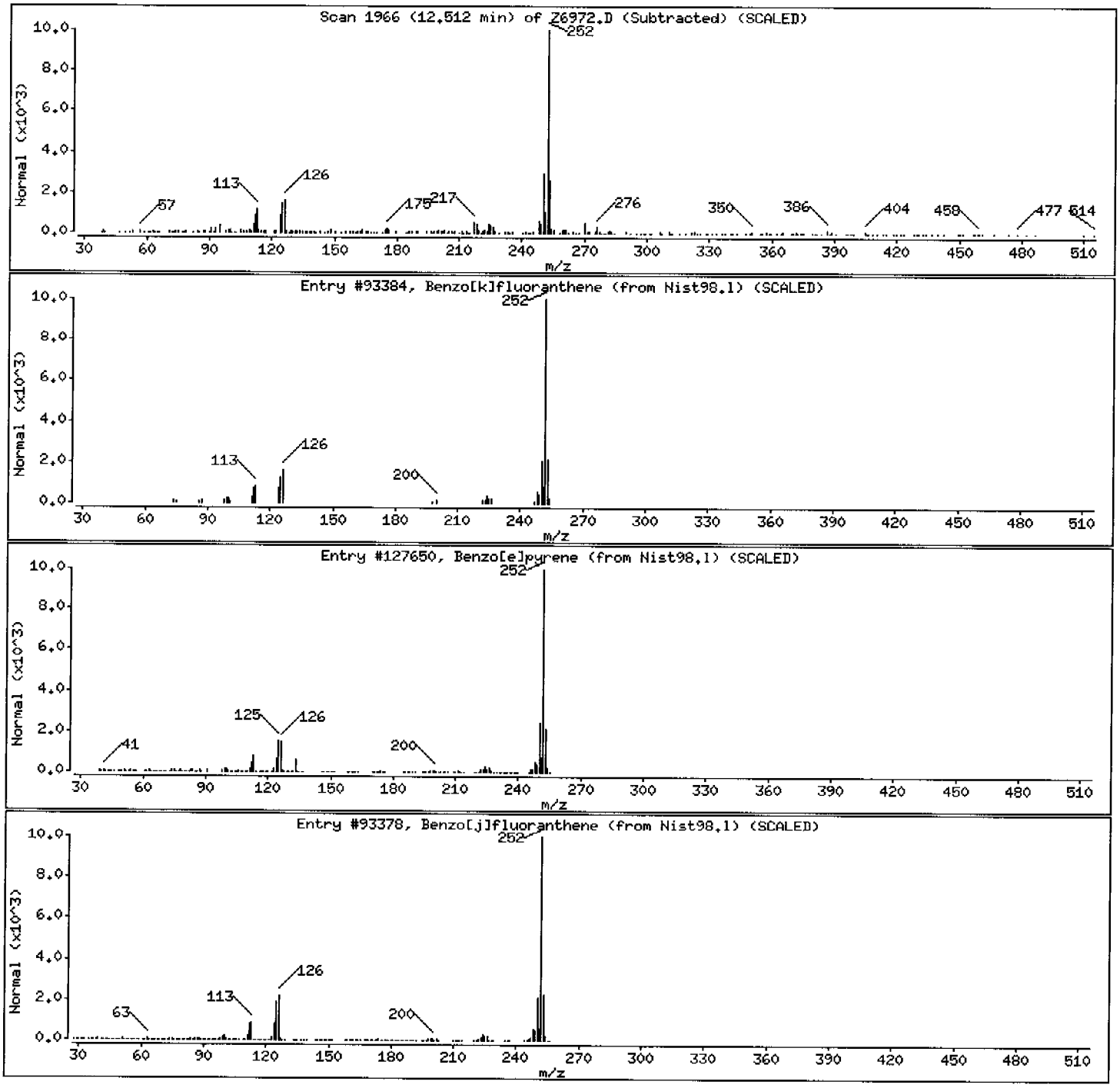
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown PAH						
Benzo[k]fluoranthene	207-08-9	Nist98.l	93384	98	C20H12	252
Benzo[e]pyrene	192-97-2	Nist98.l	127650	96	C20H12	252
Benzo[j]fluoranthene	205-82-3	Nist98.l	93378	94	C20H12	252



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Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

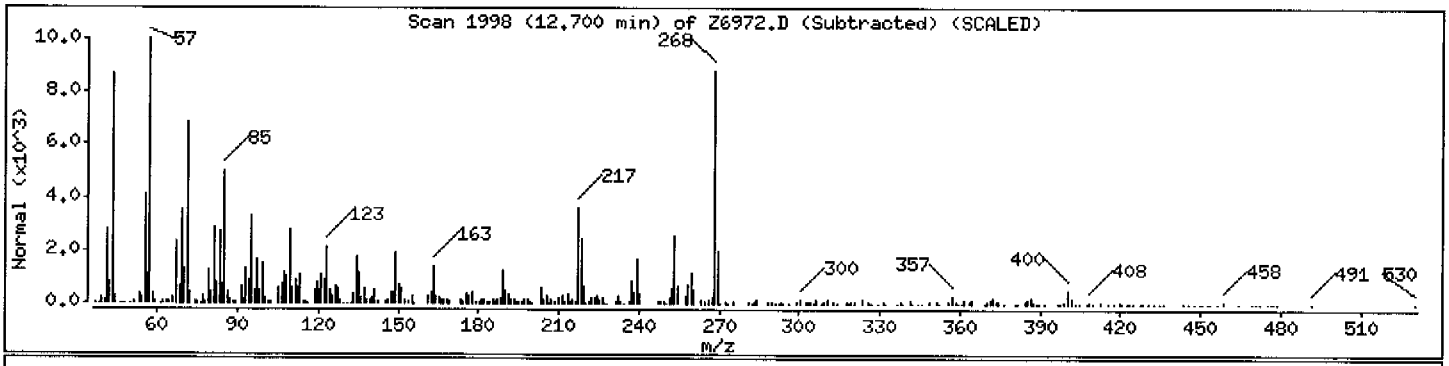
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Date : 24-AUG-2006 15:36

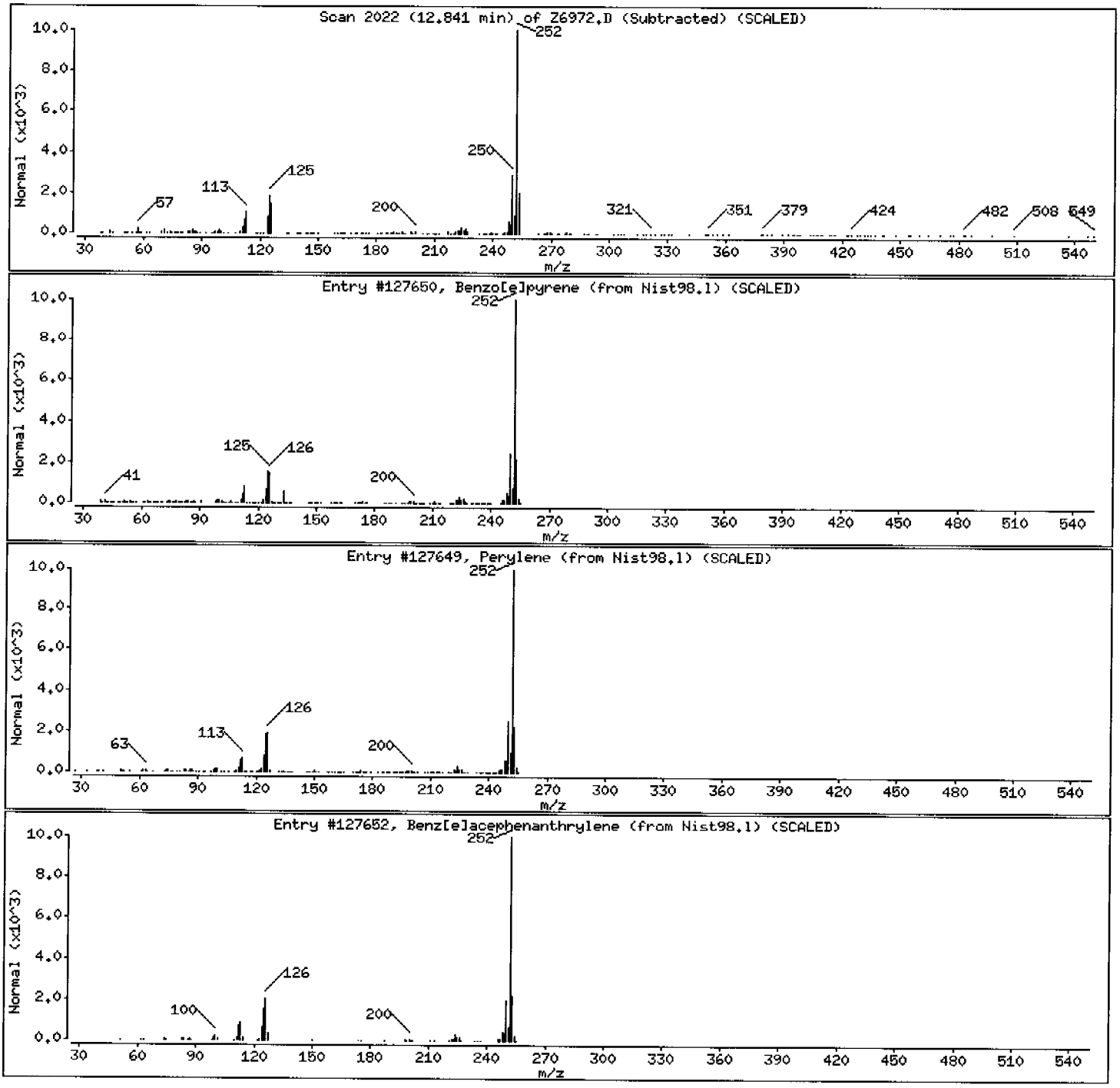
Client ID: SB-40(4-5.5) Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0 Operator: m.eastman

Column phase: RTX-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo[e]pyrene	192-97-2	Nist98.l	127650	93	C20H12	252
Perylene	198-55-0	Nist98.l	127649	93	C20H12	252
Benz[e]acephenanthrylene	205-99-2	Nist98.l	127652	93	C20H12	252



Date : 24-AUG-2006 15:36

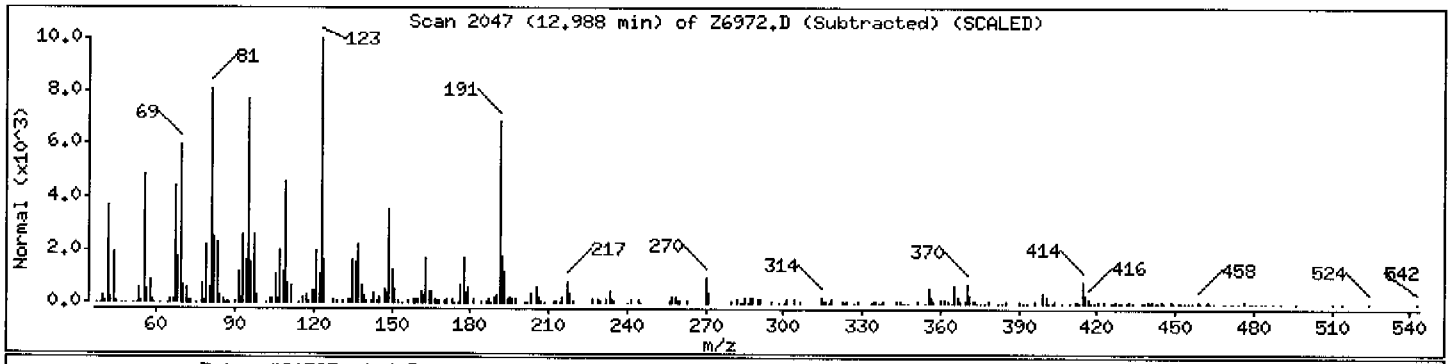
Client ID: SB-40(4-5.5) Instrument: msz.i

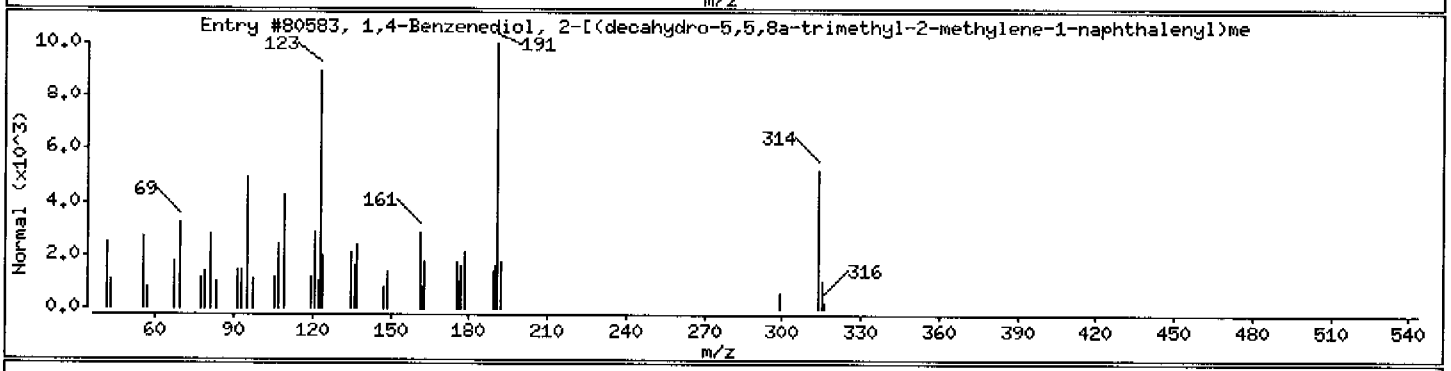
Sample Info: 213443-2

Volume Injected (uL): 2.0 Operator: m.eastman

Column phase: RTX-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1,4-Benzenediol, 2-[(decahydro-5,5,8a-tr	39707-54-5	Nist98.l	80583	83	C21H3002	314





Date : 24-AUG-2006 15:36

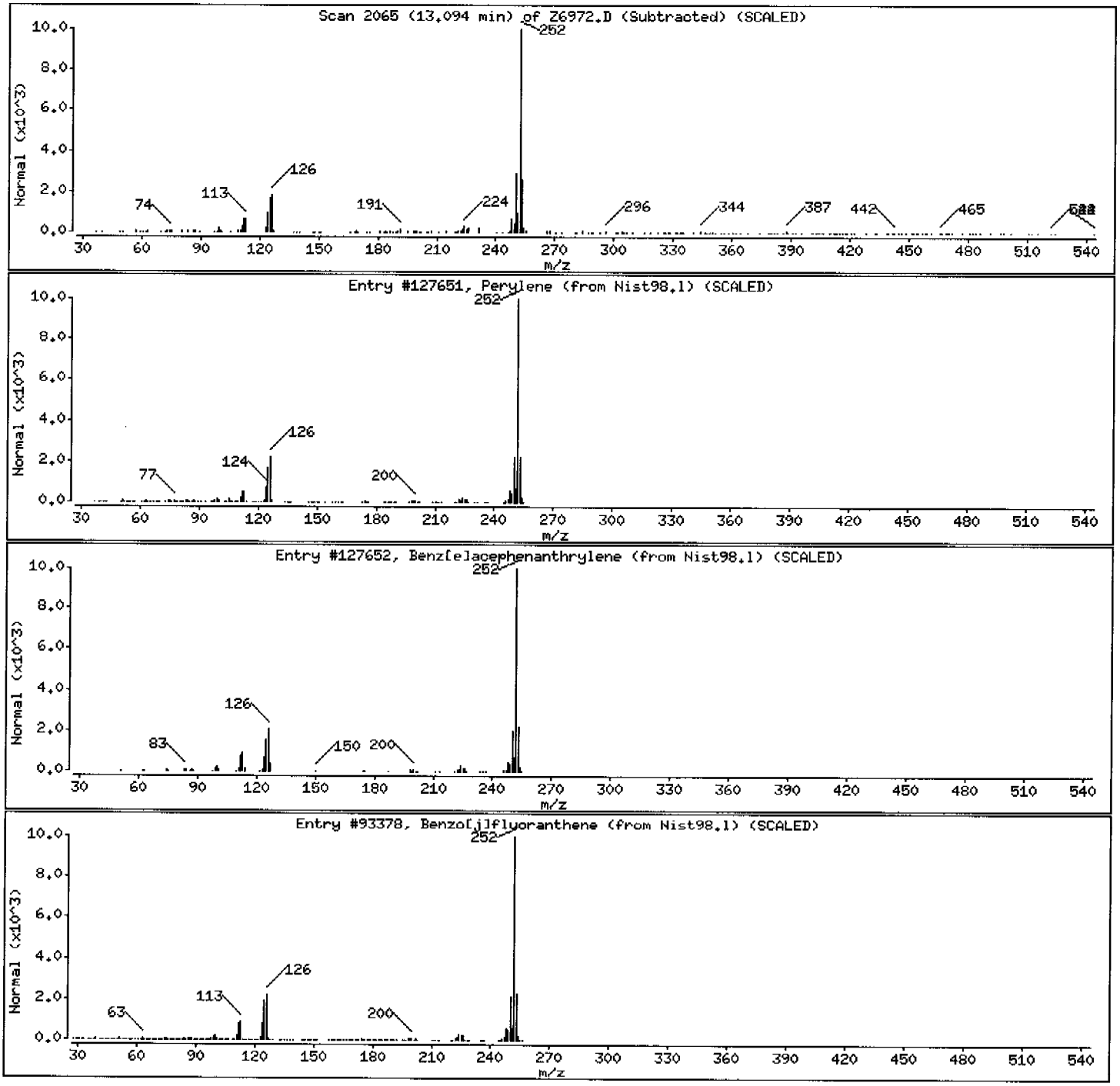
Client ID: SB-40(4-5.5) Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0 Operator: m.eastman

Column phase: RTX-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Perylene	198-55-0	Nist98.l	127651	93	C20H12	252
Benz[e]acephenanthrylene	205-99-2	Nist98.l	127652	96	C20H12	252
Benzo[j]fluoranthene	205-82-3	Nist98.l	93378	94	C20H12	252



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Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

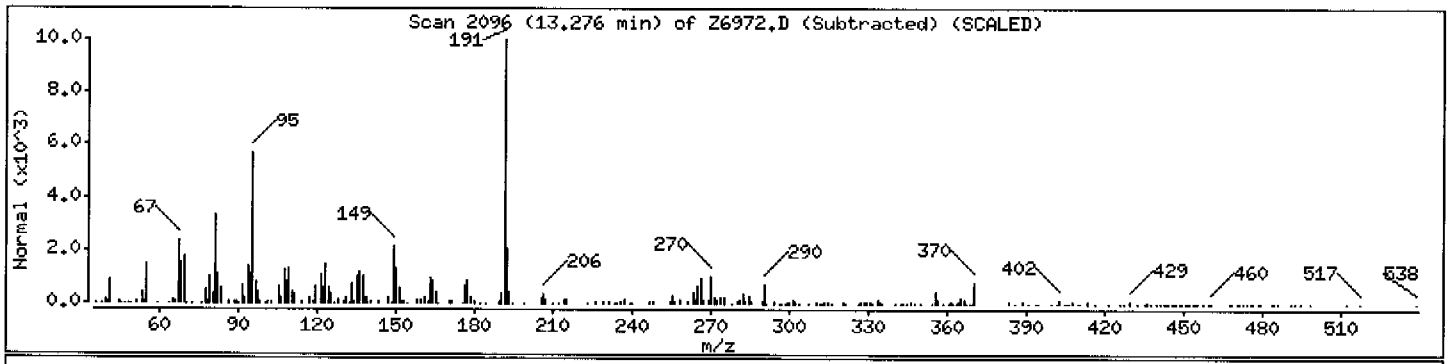
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

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-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

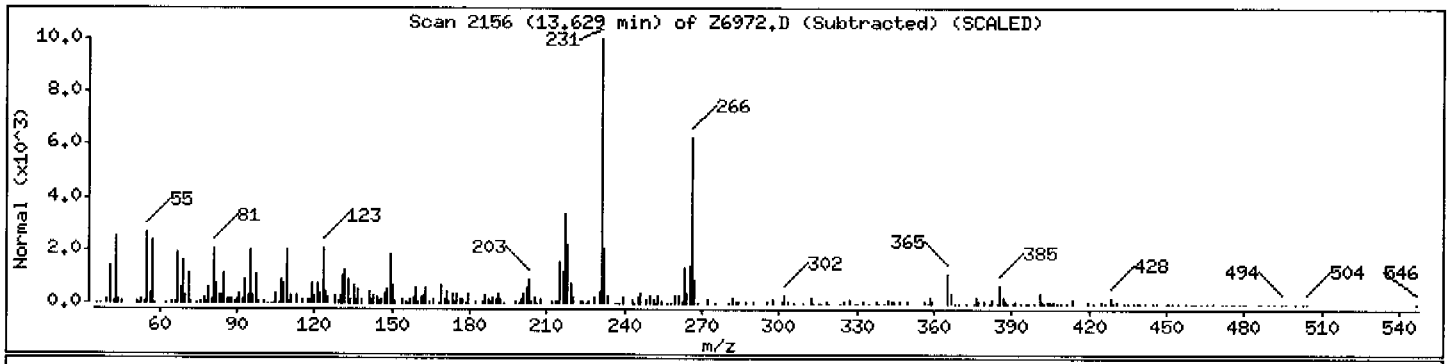
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

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-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

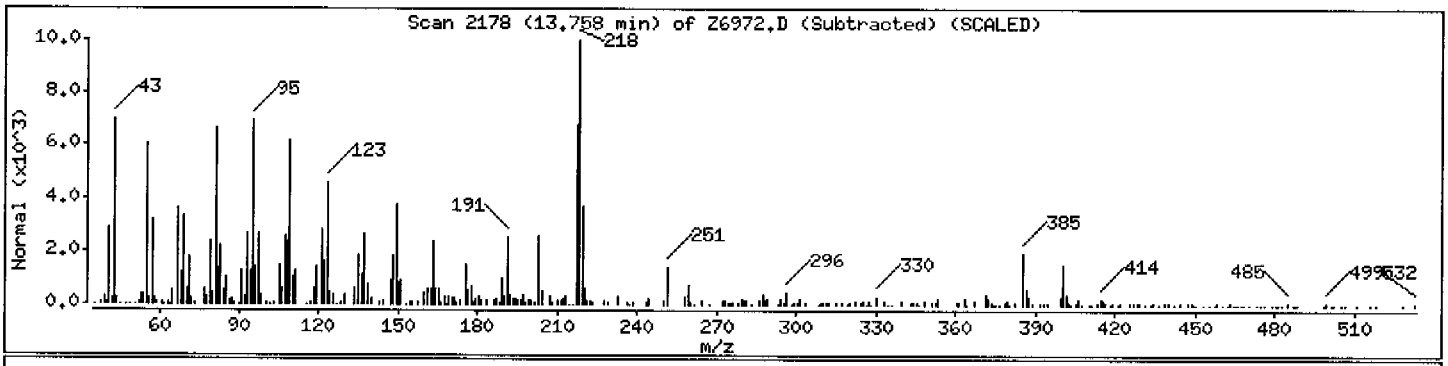
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

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-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

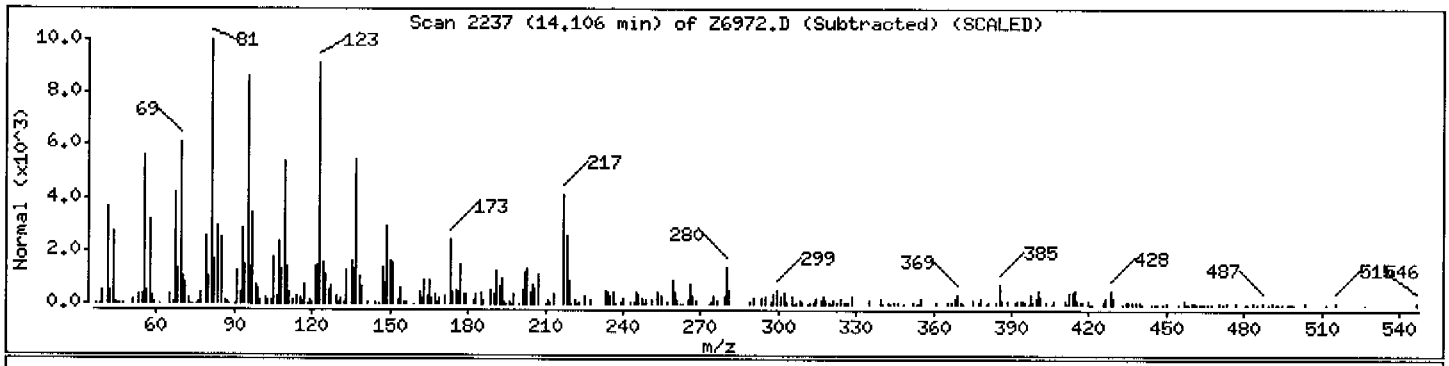
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

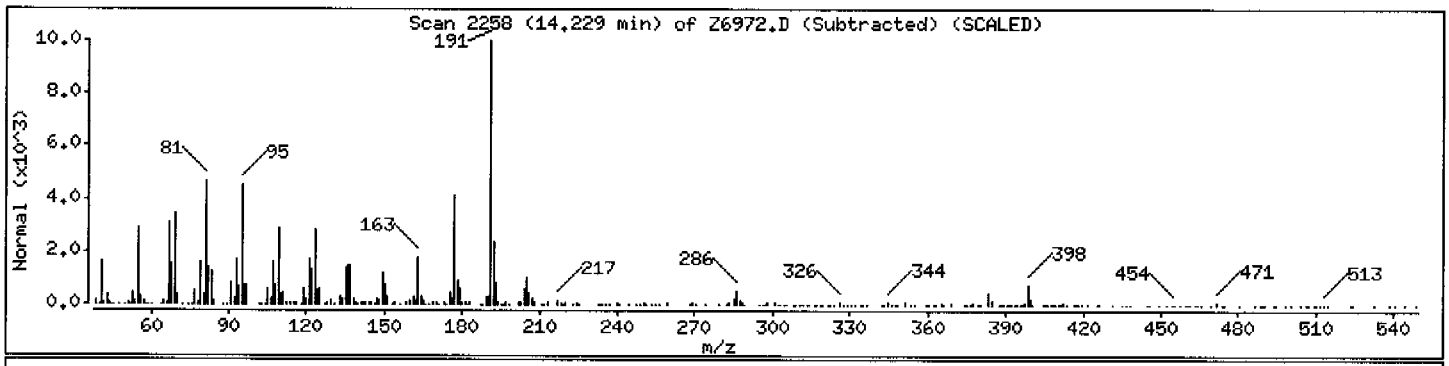
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

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-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

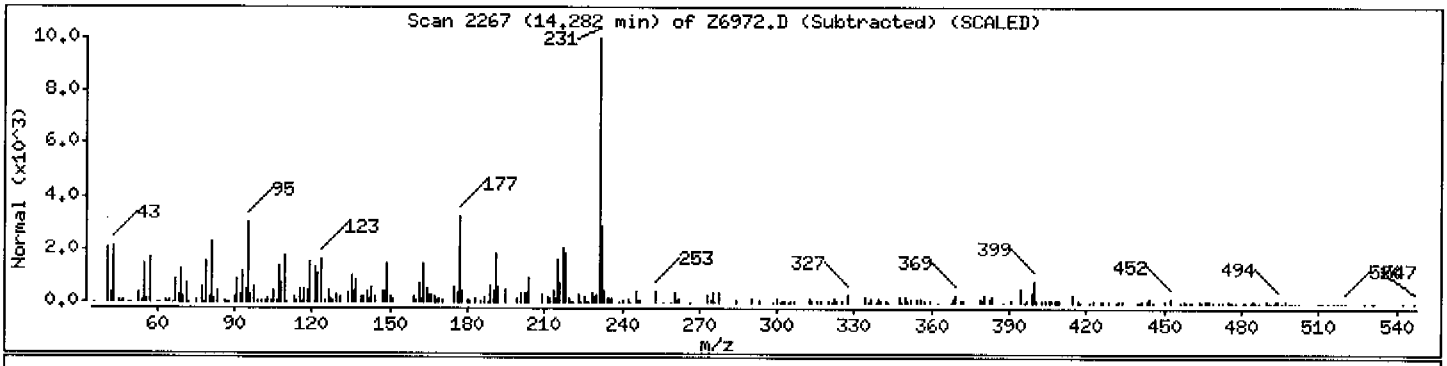
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

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-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

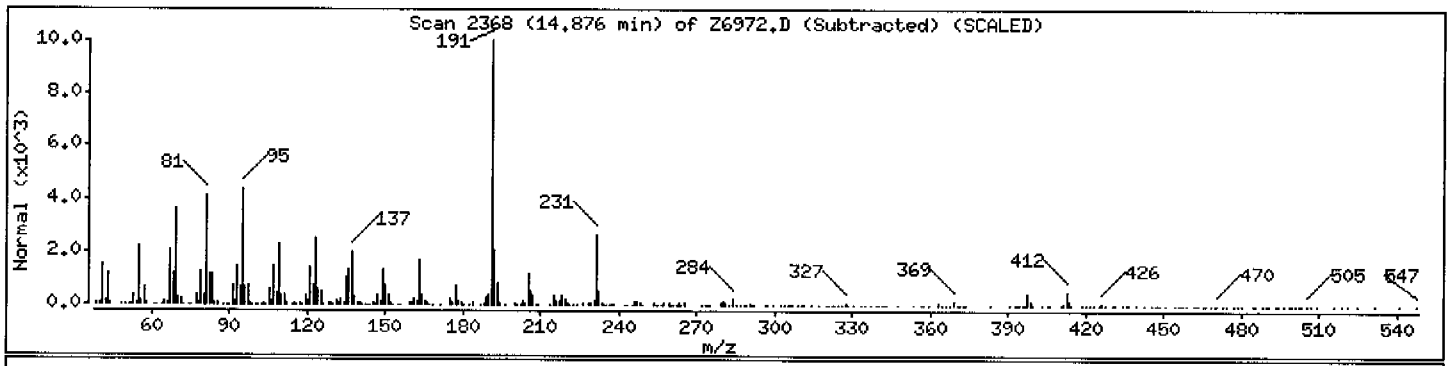
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Date : 24-AUG-2006 15:36

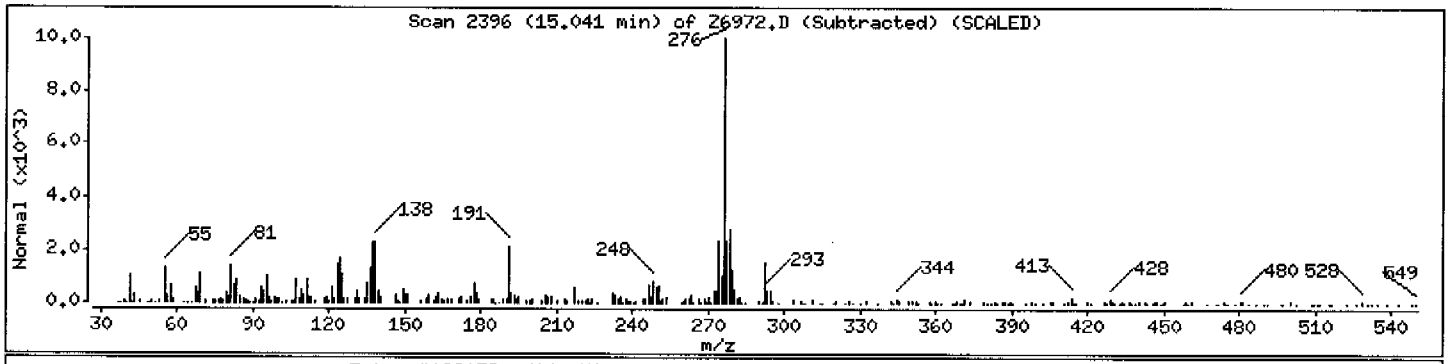
Client ID: SB-40(4-5.5) Instrument: msz.i

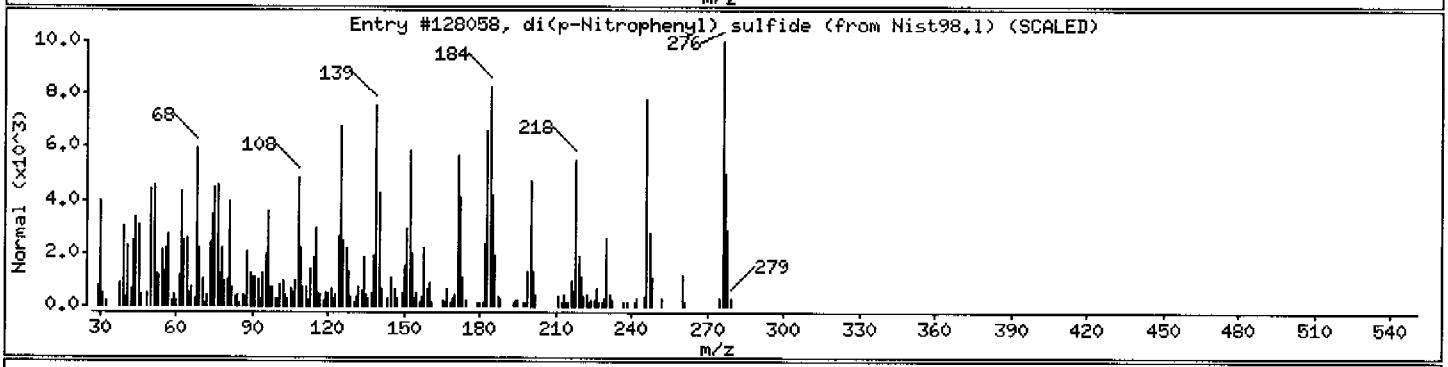
Sample Info: 213443-2

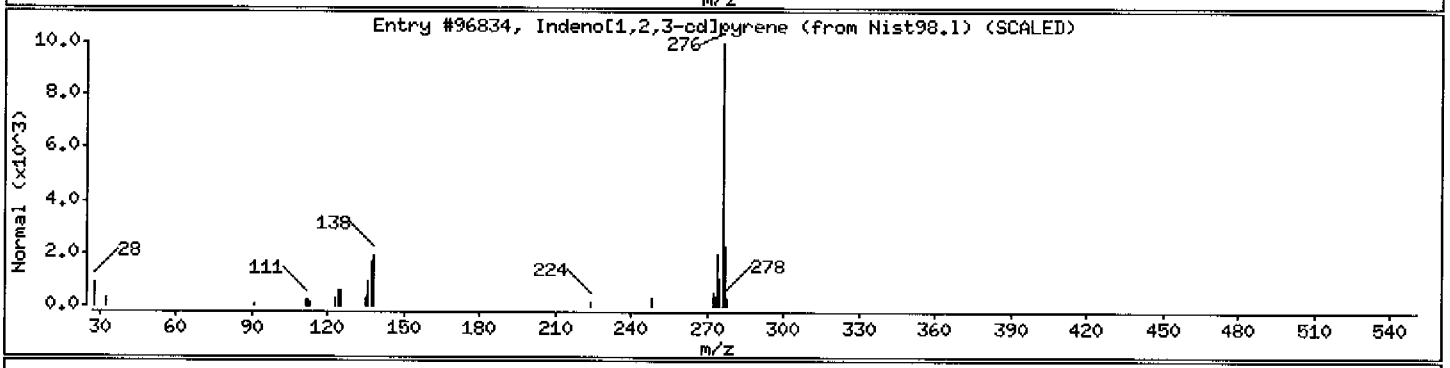
Volume Injected (uL): 2.0 Operator: m.eastman

Column phase: RTX-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown PAH						
di(p-Nitrophenyl) sulfide	1223-31-0	Nist98.l	128058	95	C12H8N2O4S	276
Indeno[1,2,3-cd]pyrene	193-39-5	Nist98.l	96834	83	C22H12	276







Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6972.D

Date : 24-AUG-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

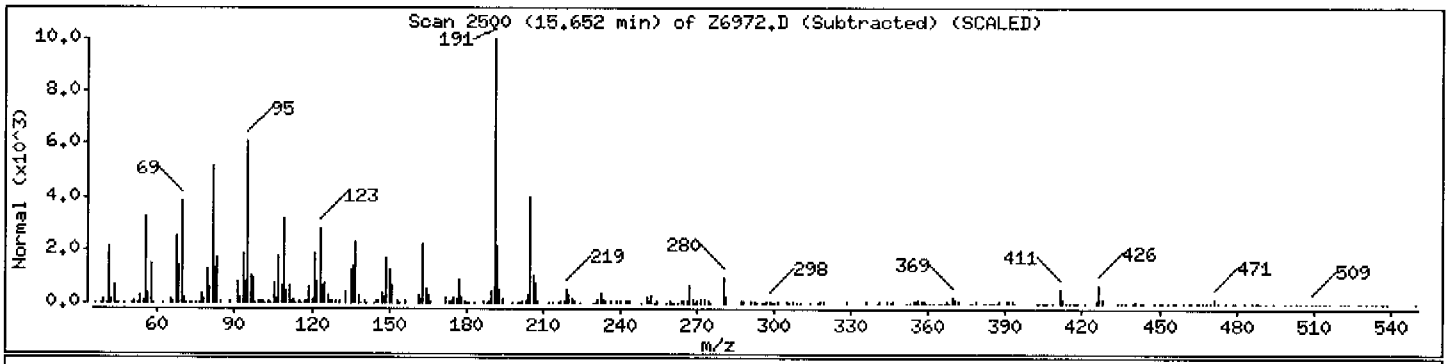
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Date : 24-AUG-2006 15:36

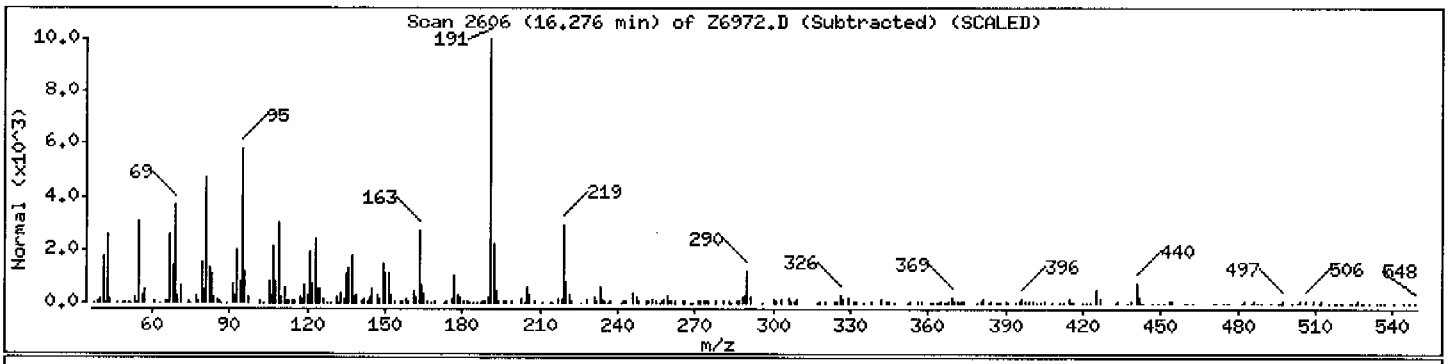
Client ID: SB-40(4-5.5) Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0 Operator: m.eastman

Column phase: RTX-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Date : 24-AUG-2006 15:36

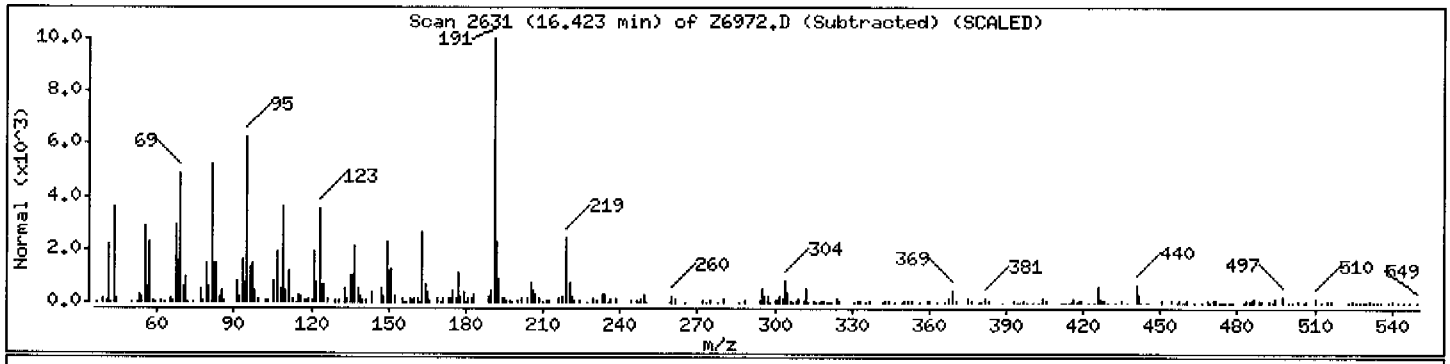
Client ID: SB-40(4-5.5) Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0 Operator: m.eastman

Column phase: RTX-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Date : 24-AUG-2006 15:36

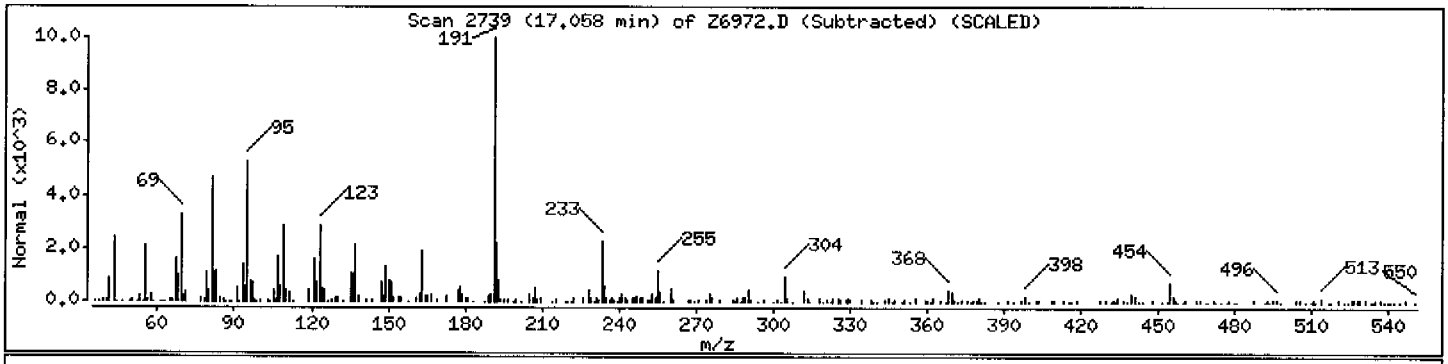
Client ID: SB-40(4-5.5) Instrument: msz.i

Sample Info: 213443-2

Volume Injected (uL): 2.0 Operator: m.eastman

Column phase: RTX-5 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-2006 15:36

Client ID: SB-40(4-5.5)

Instrument: msz.i

Sample Info: 213443-2

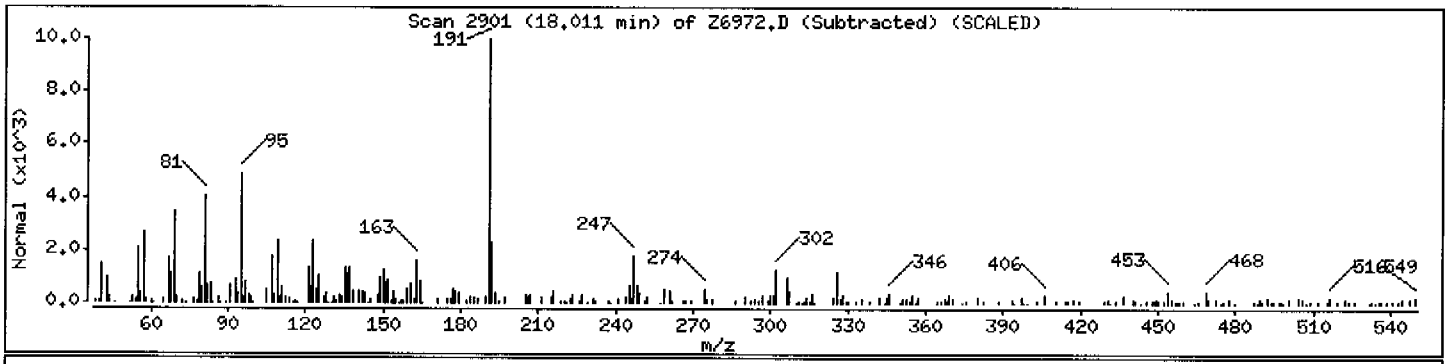
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

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: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Instrument ID: MSZ Calibration Date(s): 08/22/06 08/22/06

Calibration Time(s): 1414 1600

LAB FILE ID: RRF10 = Z6909 RRF25 = Z6910
RRF40 = Z6911 RRF60 = Z6912 RRF80 = Z6913

COMPOUND	RRF10	RRF25	RRF40	RRF60	RRF80	$\overline{RRF}$	% RSD
Phenol *	1.892	1.904	2.047	1.961	2.006	1.962	3.4*
bis(2-Chloroethyl)ether *	1.023	1.038	1.104	1.076	1.109	1.070	3.6*
2-Chlorophenol *	1.418	1.442	1.557	1.483	1.518	1.484	3.8*
2-Methylphenol *	1.281	1.309	1.400	1.421	1.518	1.386	6.8*
2,2'-oxybis(1-Chloropropane)	2.072	2.062	2.138	2.017	2.029	2.064	2.3
N-Nitroso-di-n-propylamine *	1.029	1.038	1.085	1.042	1.094	1.058	2.8*
4-Methylphenol *	1.323	1.370	1.442	1.383	1.424	1.388	3.4*
Hexachloroethane *	0.625	0.630	0.695	0.661	0.683	0.659	4.7*
Nitrobenzene *	0.372	0.382	0.423	0.406	0.412	0.399	5.3*
Isophorone *	0.640	0.668	0.718	0.697	0.725	0.690	5.2*
2-Nitrophenol *	0.176	0.187	0.205	0.201	0.205	0.195	6.6*
2,4-Dimethylphenol *	0.328	0.335	0.359	0.348	0.361	0.346	4.3*
Bis(2-Chloroethoxy)methane *	0.386	0.400	0.435	0.422	0.438	0.416	5.4*
2,4-Dichlorophenol *	0.264	0.274	0.297	0.288	0.293	0.283	4.8*
Naphthalene *	0.957	1.000	1.104	1.065	1.067	1.039	5.7*
4-Chloroaniline	0.384	0.401	0.436	0.408	0.411	0.408	4.6
Hexachlorobutadiene	0.166	0.171	0.186	0.180	0.181	0.177	4.6
4-Chloro-3-methylphenol *	0.276	0.289	0.307	0.303	0.308	0.297	4.7*
2-Methylnaphthalene *	0.637	0.666	0.713	0.692	0.711	0.684	4.7*
Hexachlorocyclopentadiene	0.296	0.337	0.401	0.372	0.374	0.356	11.4
2,4,6-Trichlorophenol *	0.323	0.344	0.393	0.369	0.378	0.361	7.7*
2,4,5-Trichlorophenol *	0.350	0.371	0.417	0.387	0.404	0.386	6.9*
2-Chloronaphthalene *	1.019	1.047	1.189	1.098	1.104	1.091	6.0*
2-Nitroaniline	0.342	0.365	0.401	0.376	0.396	0.376	6.4
Acenaphthylene *	1.621	1.716	1.950	1.814	1.852	1.791	7.1*
2,6-Dinitrotoluene *	0.245	0.264	0.294	0.275	0.297	0.275	7.9*
3-Nitroaniline	0.279	0.302	0.333	0.309	0.331	0.311	7.2
Acenaphthene *	1.005	1.043	1.164	1.114	1.145	1.094	6.2*
2,4-Dinitrophenol	0.133	0.162	0.192	0.181	0.207	0.175	16.3
Dibenzofuran *	1.419	1.492	1.656	1.570	1.614	1.550	6.1*
2,4-Dinitrotoluene *	0.328	0.353	0.393	0.367	0.395	0.367	7.6*
Fluorene *	1.147	1.204	1.333	1.226	1.327	1.247	6.5*
Dimethylphthalate	1.052	1.105	1.216	1.124	1.233	1.146	6.7
Diethylphthalate	1.055	1.139	1.242	1.156	1.272	1.173	7.4
4-Chlorophenyl-phenylether *	0.554	0.585	0.639	0.588	0.629	0.599	5.8*
4-Nitroaniline	0.277	0.297	0.334	0.310	0.327	0.309	7.5

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Instrument ID: MSZ Calibration Date(s): 08/22/06 08/22/06

Calibration Time(s): 1414 1600

LAB FILE ID: RRF10 = Z6909 RRF25 = Z6910
RRF40 = Z6911 RRF60 = Z6912 RRF80 = Z6913

COMPOUND	RRF10	RRF25	RRF40	RRF60	RRF80	$\overline{RRF}$	% RSD	
4,6-Dinitro-2-methylphenol	0.102	0.119	0.135	0.132	0.139	0.125	12.2	
N-Nitrosodiphenylamine (1)	0.464	0.485	0.546	0.532	0.545	0.514	7.3	
4-Bromophenyl-phenylether *	0.188	0.196	0.216	0.203	0.209	0.202	5.4*	
Hexachlorobenzene *	0.210	0.214	0.235	0.221	0.223	0.221	4.5*	
Pentachlorophenol *	0.122	0.129	0.150	0.152	0.155	0.142	10.5*	
Phenanthrene *	0.949	1.006	1.121	1.078	1.081	1.047	6.6*	
Anthracene *	0.962	1.016	1.117	1.068	1.078	1.048	5.7*	
Di-n-butylphthalate	1.044	1.140	1.249	1.215	1.249	1.179	7.4	
Fluoranthene *	1.003	1.078	1.192	1.128	1.101	1.100	6.3*	
Pyrene *	1.086	1.222	1.383	1.361	1.468	1.304	11.6*	
Butylbenzylphthalate	0.464	0.529	0.608	0.595	0.642	0.568	12.5	
Benzo(a)anthracene *	0.961	1.019	1.133	1.077	1.105	1.059	6.5*	
3,3'-Dichlorobenzidine	0.349	0.370	0.426	0.397	0.412	0.391	8.0	
Chrysene *	0.915	0.963	1.075	1.034	1.055	1.008	6.7*	
Bis(2-Ethylhexyl)phthalate	0.634	0.703	0.826	0.813	0.886	0.772	13.2	
Di-n-octylphthalate	1.267	1.552	1.746	1.619	1.557	1.548	11.3	
Benzo(b)fluoranthene *	1.078	1.171	1.302	1.221	1.138	1.182	7.2*	
Benzo(k)fluoranthene *	1.108	1.244	1.322	1.232	1.276	1.236	6.5*	
Benzo(a)pyrene *	0.968	1.041	1.141	1.079	1.081	1.062	6.0*	
Indeno(1,2,3-cd)pyrene *	0.796	0.854	1.058	1.134	1.354	1.039	21.6*	<-
Dibenzo(a,h)anthracene *	0.839	0.904	1.106	1.178	1.371	1.080	19.9*	
Benzo(g,h,i)perylene *	0.811	0.893	1.134	1.249	1.663	1.150	29.3*	<-
4-Nitrophenol	0.150	0.163	0.180	0.170	0.185	0.170	8.1	
Carbazole	3.581	3.810	3.719	3.546	3.898	3.711	4.0	
Acetophenone	1.871	1.908	2.017	1.941	1.999	1.947	3.1	
Benzaldehyde	0.289	0.293	0.813	0.629	0.488	0.502	44.8	
Caprolactam	0.086	0.092	0.098	0.097	0.098	0.094	5.7	
1,1'-Biphenyl	1.316	1.349	1.560	1.404	1.446	1.415	6.7	
Atrazine	0.171	0.182	0.198	0.170	0.178	0.180	6.3	
2-Fluorophenol *	1.286	1.307	1.421	1.366	1.395	1.355	4.2*	
Phenol-d5 *	1.673	1.684	1.798	1.736	1.766	1.731	3.1*	
Nitrobenzene-d5 *	0.368	0.377	0.420	0.407	0.412	0.397	5.8*	
2-Fluorobiphenyl *	1.162	1.216	1.399	1.293	1.334	1.281	7.3*	
2,4,6-Tribromophenol	0.172	0.180	0.193	0.178	0.191	0.183	5.0	
Terphenyl-d14 *	0.741	0.835	0.942	0.929	1.017	0.893	12.0*	
2-Chlorophenol-d4 *	1.353	1.366	1.466	1.404	1.438	1.405	3.4*	
1,2-Dichlorobenzene-d4 *	0.859	0.860	0.946	0.895	0.915	0.895	4.1*	

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

STLCT

Semivolatile REPORT OLM Compounds

Data file : \\Target1_ct\Files\chem\BNA\msz.i\Z066907.b\Z6909.D
Lab Smp Id: SSTD20A1 Client Smp ID: SSTD20A1
Inj Date : 22-AUG-2006 14:14
Operator : m.eastman Inst ID: msz.i
Smp Info : SSTD20A1
Misc Info : : ;70111;0.500
Comment :
Method : \\Target1_ct\Files\chem\BNA\msz.i\Z066907.b\Mszclp.m
Meth Date : 23-Aug-2006 10:13 target Quant Type: ISTD
Cal Date : 22-AUG-2006 14:41 Cal File: Z6910.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: olm3_4.sub
Target Version: 4.14
Processing Host: CONMSU

Concentration Formula: Amt * DF * Uf * Vt/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	ng unit correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	2.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
*	1	1,4-Dichlorobenzene-d4	152	2.982	2.982	(1.000)	480952	20.0000	
S	2	2 Fluorophenol	112	1.882	1.882	(0.631)	309306	10.0000	10
S	3	Phenol-d6	99	2.724	2.724	(0.913)	402430	10.0000	10
	128	Benzaldehyde	77	2.582	2.582	(0.866)	69494	10.0000	6
	7	Phenol	94	2.729	2.729	(0.915)	454896	10.0000	10
	9	bis 2 Chloroethyl ether	63	2.776	2.776	(0.931)	245972	10.0000	10
	10	2 Chlorophenol	128	2.823	2.823	(0.947)	340969	10.0000	10
S	167	2 Chlorophenol d4	132	2.806	2.806	(0.941)	325422	10.0000	10
	11	1,3-Dichlorobenzene	146	2.947	2.947	(0.988)	363735	10.0000	10
	12	1,4 Dichlorobenzene	146	3.000	3.000	(1.006)	367213	10.0000	10
	14	1,2-Dichlorobenzene	146	3.176	3.176	(1.065)	351584	10.0000	10
S	156	1,2-Dichlorobenzene d4	152	3.165	3.165	(1.061)	206505	10.0000	10
	15	2,2' oxybis(1 Chloropropane)	45	3.300	3.300	(1.106)	498291	10.0000	10
	92	Acetophenone	105	3.400	3.400	(1.140)	449863	10.0000	10
	16	2 Methylphenol	108	3.288	3.288	(1.103)	307953	10.0000	9
	17	Hexachloroethane	117	3.471	3.471	(1.164)	150256	10.0000	10
	18	N-Nitroso-di n-propylamine	70	3.429	3.429	(1.150)	247455	10.0000	10
	19	4 Methylphenol	108	3.429	3.429	(1.150)	318178	10.0000	10
*	20	Naphthalene-d8	136	4.235	4.235	(1.000)	2003546	20.0000	
S	21	Nitrobenzene-d5	82	3.541	3.541	(0.836)	368268	10.0000	9

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	22	Nitrobenzene	77	3.559	3.559	(0.840)	373123	10.0000	9
	23	Isophorone	82	3.794	3.794	(0.896)	640660	10.0000	9
	24	2-Nitrophenol	139	3.876	3.876	(0.915)	176716	10.0000	9
	25	2,4-Dimethylphenol	107	3.953	3.953	(0.933)	328292	10.0000	10
	26	Benzoic Acid	122	4.059	4.059	(0.958)	199051	10.0000	9
	27	Bis(2-Chloroethoxy)methane	93	4.035	4.035	(0.953)	386868	10.0000	9
	28	2,4-Dichlorophenol	162	4.123	4.123	(0.974)	264718	10.0000	9
	29	1,2,4 Trichlorobenzene	180	4.200	4.200	(0.992)	294459	10.0000	9
	30	Naphthalene	128	4.253	4.253	(1.004)	956339	10.0000	9
	31	4-Chloroaniline	127	4.347	4.347	(1.026)	354442	10.0000	9
	32	Hexachlorobutadiene	225	4.459	4.459	(1.053)	166106	10.0000	9
	129	Caprolactam	113	4.653	4.653	(1.099)	85720	10.0000	9
	33	4 Chloro-3-methylphenol	107	4.870	4.870	(1.150)	276345	10.0000	9
	34	1-Methylnaphthalene	142	4.965	4.965	(1.172)	638132	10.0000	9
*	35	Acenaphthene-d10	164	6.064	6.064	(1.000)	1162158	20.0000	
	37	Hexachlorocyclopentadiene	237	5.212	5.212	(0.859)	172006	10.0000	8
	38	2,4,6-Trichlorophenol	196	5.300	5.300	(0.874)	187888	10.0000	9
	39	2,4,5-Trichlorophenol	196	5.341	5.341	(0.881)	203258	10.0000	9
	130	2,2'-Biphenyl	154	5.465	5.465	(0.901)	764544	10.0000	9
S	40	2-Fluorobiphenyl	172	5.376	5.376	(0.887)	675231	10.0000	9
	41	2 Chloronaphunalene	162	5.465	5.465	(0.901)	592105	10.0000	9
	42	2 Nitroaniline	65	5.612	5.612	(0.925)	196482	10.0000	9
	43	Acenaphthylene	152	5.900	5.900	(0.973)	941851	10.0000	9
	44	Dimethylphthalate	163	5.847	5.847	(0.964)	611285	10.0000	9
	45	2,6-Dinitrotoluene	165	5.912	5.912	(0.975)	142078	10.0000	9
	46	Acenaphthene	153	6.094	6.094	(1.005)	583827	10.0000	9
	47	3-Nitroaniline	138	6.047	6.047	(0.997)	162068	10.0000	9
	48	2,4-Dinitrophenol	184	6.153	6.153	(1.015)	77449	10.0000	8
	49	Dibenzofuran	168	6.264	6.264	(1.033)	824520	10.0000	9
	50	2,4-Dinitrotoluene	165	6.317	6.317	(1.042)	190749	10.0000	9
	51	4 Nitrophenol	109	6.259	6.259	(1.032)	87377	10.0000	9
	52	Fluorene	166	6.623	6.623	(1.092)	666479	10.0000	9
	53	4-Chlorophenyl-phenylether	204	6.635	6.635	(1.094)	321790	10.0000	9
	54	Diethylphtnalate	149	6.594	6.594	(1.087)	613221	10.0000	9
	55	4-Nitroaniline	138	6.688	6.688	(1.103)	160717	10.0000	9
S	56	2,4,6-Tribromophenol	330	6.900	6.900	(1.138)	100117	10.0000	10
*	57	Phenanthrene-d10	188	7.600	7.600	(1.000)	1976351	20.0000	
	58	4,6-Dinitro-2-Methylphenol	198	6.735	6.735	(0.886)	100357	10.0000	8
	59	N-Nitrosodiphenylamine (1.	169	6.770	6.770	(0.891)	458692	10.0000	9
	61	4-Bromophenyl-phenylether	248	7.141	7.141	(0.940)	185681	10.0000	9
	62	Hexachlorobenzene	284	7.288	7.288	(0.959)	207186	10.0000	10
	131	Atrazine	200	7.370	7.370	(0.970)	169238	10.0000	9
	63	Pentachlorophenol	266	7.482	7.482	(0.985)	120367	10.0000	9
	64	Phenanthrene	178	7.623	7.623	(1.003)	937983	10.0000	9
	65	Carbazole	167	7.847	7.847	(2.631)	861260	10.0000	10
	66	Anthracene	178	7.664	7.664	(1.009)	950666	10.0000	9
	67	Di-n-butylphthalate	149	8.294	8.294	(1.091)	1031612	10.0000	9
	68	Fluoranthene	202	8.870	8.870	(1.167)	991262	10.0000	9
*	70	Chrysene-d12	240	10.617	10.617	(1.000)	1844896	20.0000	
	72	Pyrene	202	9.105	9.105	(0.859)	1001344	10.0000	9
S	73	Terphenyl-d14	244	9.294	9.294	(0.875)	683661	10.0000	9
	74	Butylbenzylphthalate	149	9.917	9.917	(0.934)	427973	10.0000	8
	75	3,3'-Dichlorobenzidine	252	10.594	10.594	(0.998)	321991	10.0000	9
	76	Benzo(a)anthracene	228	10.594	10.594	(0.998)	886318	10.0000	9

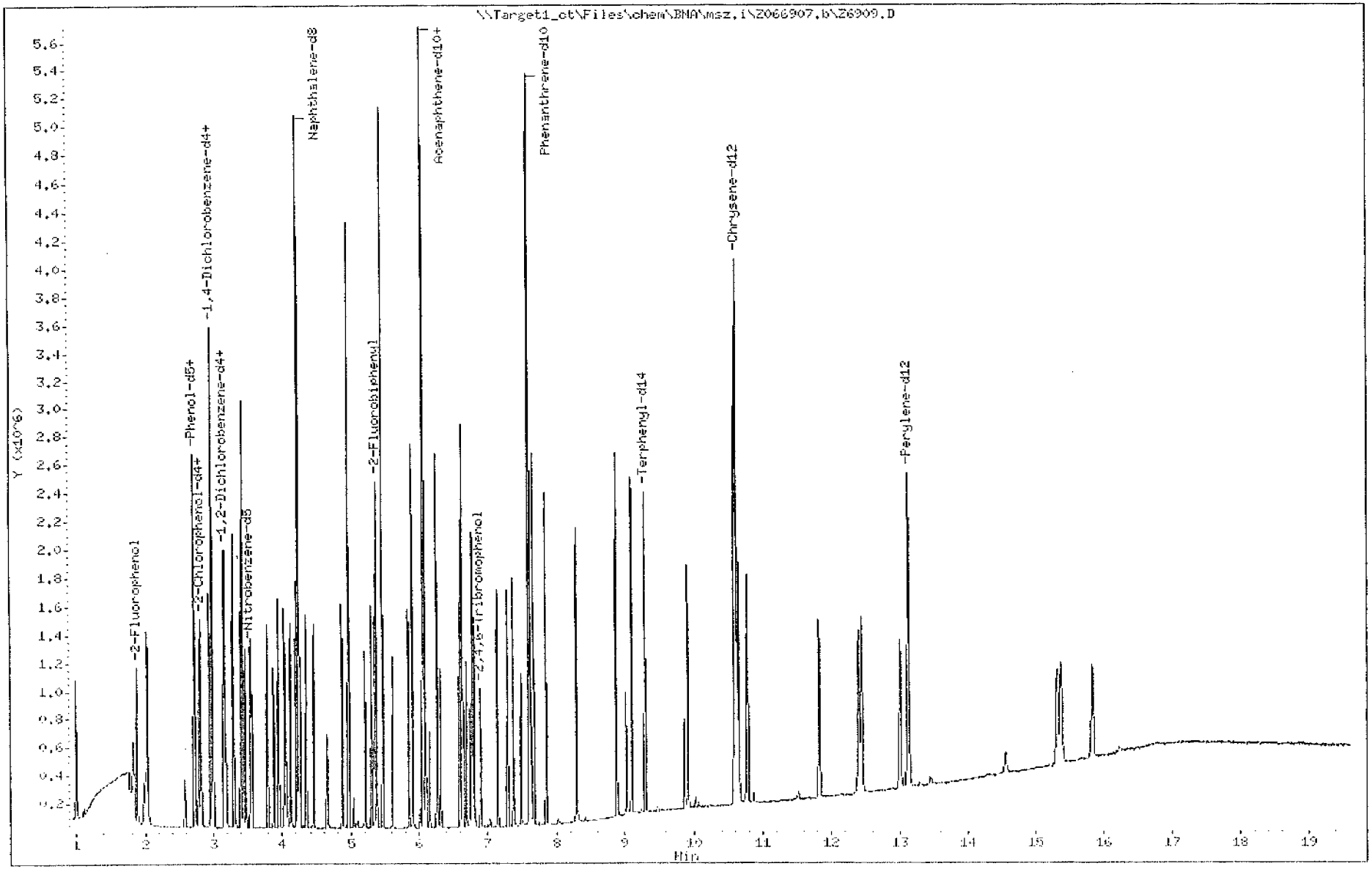
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)	
77 Chrysene	228	10.652	10.652	(1.003)	843799	10.0000	9	
78 Bis(2-Ethylhexyl)phthalate	149	10.782	10.782	(1.016)	884733	10.0000	9	
79 Perylene-d12	264	15.135	15.135	(1.000)	1513705	20.0000		
80 Di-n-octylphthalate	149	11.823	11.823	(0.900)	959088	10.0000	8	
81 Benzo(b)fluoranthene	252	12.405	12.405	(0.944)	816128	10.0000	9	
82 Benzo(k)fluoranthene	252	12.452	12.452	(0.948)	838484	10.0000	9	
83 Benzo a pyrene	252	13.011	13.011	(0.991	732957	10.0000	9	
84 Indeno 1,2,3 cd,pyrene	276	15.311	15.311	(1.166	602440	10.0000	8(M)	
85 Dibenzo(a,h)anthracene	278	15.370	15.370	(1.170)	634948	10.0000	8(M)	
86 Benzo(g,h,i)perylene	276	15.834	15.834	(1.206)	614033	10.0000	8	

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Target1_ct\Files\chem\BNA\msz.i\2066907.b\26909.D
Date : 22-AUG-2006 14:14
Client ID: SSTD20A1
Sample Info: SSTD20A1
Volume Injected (uL): 2.0
Column phase: RTX-5

Instrument: msz.i
Operator: m.eastman
Column diameter: 0.25



STLCT

Semivolatile REPORT OLM Compounds

Data file : \\Target1_ct\Files\chem\BNA\msz.i\Z066907.b\Z6910.D
Lab Smp Id: SSTD50A1 Client Smp ID: SSTD50A1
Inj Date : 22-AUG-2006 14:41
Operator : m.eastman Inst ID: msz.i
Smp Info : SSTD50A1
Misc Info : : ;70111;0.500
Comment :
Method : \\Target1_ct\Files\chem\BNA\msz.i\Z066907.b\Mszclp.m
Meth Date : 23-Aug-2006 10:13 target Quant Type: ISTD
Cal Date : 22-AUG-2006 14:41 Cal File: Z6910.D
Als bottle: 2 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: olm3_4.sub
Target Version: 4.14
Processing Host: CONMSU

Concentration Formula: Amt * DF * Uf * Vt/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	ng unit correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	2.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
*	1	1,4 Dichlorobenzene d4	152	2.982	2.982	(1.000)	462862	20.0000	
C	2	2 Fluorophenol	112	1.876	1.876	(0.629)	755962	25.0000	24
S	3	Phenol-d6	99	2.723	2.723	(0.913)	974189	25.0000	24
	128	Benzaldehyde	77	2.582	2.582	(0.866)	139243	25.0000	13
	4	Phenol	94	2.735	2.738	(0.917)	1101579	25.0000	24
	5	Bis-2-Chloroethyl)ether	63	2.782	2.782	(0.933)	600668	25.0000	24
	10	2-Chlorophenol	128	2.823	2.823	(0.947)	834143	25.0000	24
S	157	2-Chlorophenol-d4	132	2.806	2.806	(0.941)	790206	25.0000	24
	11	1,3 Dichlorobenzene	146	2.947	2.947	(0.988)	890934	25.0000	24
	12	1,4-Dichlorobenzene	146	2.994	2.994	(1.004)	895972	25.0000	24
	14	1,2 Dichlorobenzene	146	3.176	3.176	(1.065)	849971	25.0000	24
S	154	1,2-Dichlorobenzene-d4	152	3.159	3.159	(1.059)	497720	25.0000	24
	15	Bis(2-chloro-1-Chloropropane)	45	3.300	3.300	(1.106)	1192864	25.0000	25
	91	Acetophenone	105	3.400	3.400	(1.140)	1104109	25.0000	24
	16	2-Methylphenol	108	3.288	3.288	(1.103)	757567	25.0000	24
	17	Hexachloroethane	117	3.470	3.470	(1.164)	364577	25.0000	24
	18	N-Nitroso-di-n-propylamine	70	3.429	3.429	(1.150)	600698	25.0000	25
	19	4-Methylphenol	108	3.429	3.429	(1.150)	782566	25.0000	24
*	20	Naphthalene-d8	136	4.235	4.235	(1.000)	1908805	20.0000	
S	21	Nitrobenzene-d5	82	3.541	3.541	(0.836)	900701	25.0000	24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	22 Nitrobenzene	77	3.559	3.559	(0.840)	910681	25.0000	24
	23 Isophorone	82	3.794	3.794	(0.896)	1593797	25.0000	24
	24 2 Nitrophenol	139	3.876	3.876	(0.915)	445385	25.0000	24
	25 2,4-Dimethylphenol	107	3.953	3.953	(0.933)	798723	25.0000	24
	26 Benzoic Acid	122	4.094	4.094	(0.967)	541797	25.0000	24
	27 Bis(2-Chloroethoxy)methane	93	4.035	4.035	(0.953)	953402	25.0000	24
	28 2,4-Dichlorophenol	162	4.123	4.123	(0.974)	653483	25.0000	24
	29 1,2,4 Trichlorobenzene	180	4.200	4.200	(0.992)	718113	25.0000	24
	30 Naphthalene	128	4.253	4.253	(1.004)	2386075	25.0000	24
	31 4-Chloraniline	127	4.347	4.347	(1.026)	956371	25.0000	24
	32 Hexachlorobutadiene	225	4.459	4.459	(1.053)	406689	25.0000	24
	129 Caprolactam	113	4.676	4.676	(1.104)	219494	25.0000	24
	33 4-Chloro-3 methylphenol	107	4.876	4.876	(1.151)	689325	25.0000	24
	34 2 Methylnaphthalene	142	4.970	4.970	(1.174)	1588532	25.0000	24
*	35 Acenaphthene-d10	164	5.064	5.064	(1.000)	1111059	20.0000	
	37 Hexachlorocyclopentadiene	237	5.212	5.212	(0.859)	467640	25.0000	23
	38 2,4,6-Trichlorophenol	196	5.300	5.300	(0.874)	477913	25.0000	23
	39 2,4,5 Trichlorophenol	196	5.341	5.341	(0.881)	514599	25.0000	24
	130 1,1'-Biphenyl	154	5.464	5.464	(0.901)	1873227	25.0000	23
S	40 2 Fluorobiphenyl	172	5.376	5.376	(0.887)	1688185	25.0000	23
	41 2 Nitronaphthalene	162	5.464	5.464	(0.901)	1454681	25.0000	24
	42 2-Nitroaniline	65	5.617	5.617	(0.926)	506235	25.0000	24
	43 Acenaphthylene	152	5.900	5.900	(0.973)	2383513	25.0000	23
	44 Dimethylphthalate	163	5.853	5.853	(0.965)	1534390	25.0000	24
	45 2,6-Dinitrotoluene	165	5.911	5.911	(0.975)	366668	25.0000	24
	46 Acenaphthene	153	6.100	6.100	(1.006)	1448851	25.0000	24
	47 3 Nitroaniline	138	6.053	6.053	(0.998)	418738	25.0000	24
	48 2,4-Dinitrophenol	184	6.153	6.153	(1.015)	225428	25.0000	23
	49 Dibenzofuran	168	6.264	6.264	(1.033)	2072741	25.0000	24
	50 2,4-Dinitrotoluene	165	6.317	6.317	(1.042)	490364	25.0000	24
	51 4-Nitrophenol	109	6.259	6.259	(1.032)	327004	25.0000	24
	52 Fluorene	166	6.623	6.623	(1.092)	1672748	25.0000	24
	53 4-Chlorophenyl-phenylether	204	6.635	6.635	(1.094)	913072	25.0000	24
	54 Diethylphthalate	149	6.594	6.594	(1.087)	1581944	25.0000	24
	55 4-Nitroaniline	138	6.694	6.694	(1.104)	412472	25.0000	24
S	56 2,4,6-Tribromophenol	330	6.900	6.900	(1.138)	249737	25.0000	24
*	57 Phenanthrene-d10	188	7.600	7.600	(1.000)	1926557	20.0000	
	58 4,6-Dinitro-2 methylphenol	198	6.741	6.741	(0.887)	286583	25.0000	23
	59 N Nitrosodiphenylamine (1)	169	6.770	6.770	(0.891)	1167106	25.0000	23
	61 4 Bromophenyl-phenylether	248	7.141	7.141	(0.940)	471319	25.0000	24
	62 Hexachlorobenzene	284	7.288	7.288	(0.959)	514289	25.0000	24
	131 Atrazine	200	7.376	7.376	(0.971)	439080	25.0000	25
	63 Pentachlorophenol	266	7.482	7.482	(0.985)	311242	25.0000	23
	64 Phenanthrene	178	7.623	7.623	(1.003)	3422559	25.0000	24
	65 Carbazole	167	7.847	7.847	(2.631)	2204222	25.0000	26
	66 Anthracene	178	7.670	7.670	(1.009)	2445669	25.0000	24
	67 Di-n-butylphthalate	149	8.294	8.294	(1.091)	2745761	25.0000	24
	68 Fluoranthene	202	8.870	8.870	(1.167)	2596015	25.0000	24
*	70 Chrysene-d12	240	10.617	10.617	(1.000)	1720799	20.0000	
	69 Pyrene	202	9.105	9.105	(0.858)	2627786	25.0000	23
S	71 Terphenyl-d14	244	9.294	9.294	(0.875)	1795687	25.0000	23
	74 Butylbenzylphthalate	149	9.917	9.917	(0.934)	1137816	25.0000	23
	75 3,3' Dichlorobenzidine	252	10.594	10.594	(0.998)	796324	25.0000	23
	76 Benzo(a)anthracene	228	10.594	10.594	(0.998)	2191052	25.0000	24

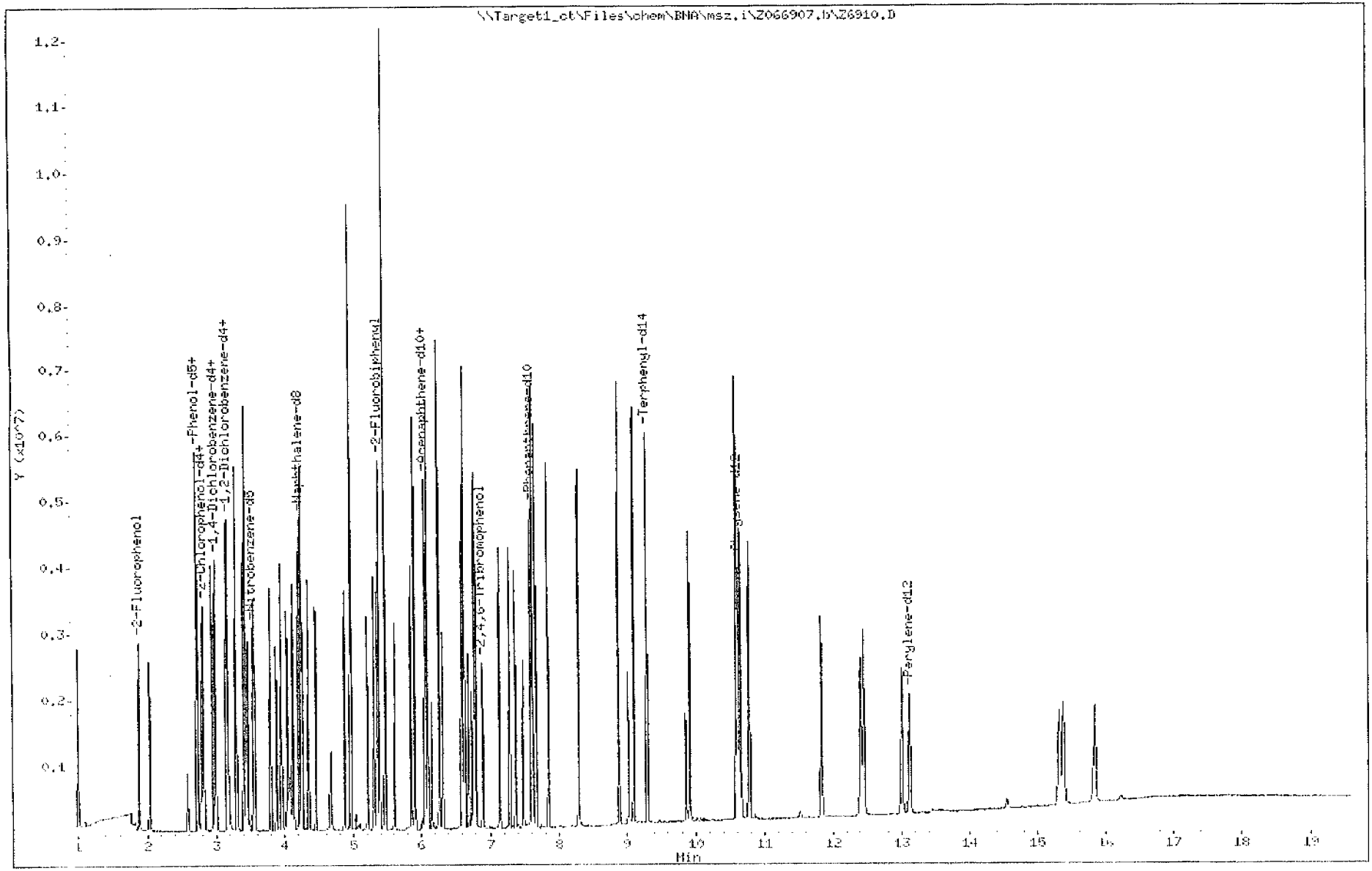
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
77 Chrysene	228	10.658	10.658	(1.004)	2072368	25.0000	24
78 Bis(2-Ethylhexyl)phthalate	149	10.776	10.776	(1.015)	1511109	25.0000	23
79 Perylene d12	264	13.123	13.123	(1.000)	1217405	20.0000	
80 Di-n-octylphthalate	149	11.823	11.823	(0.901)	2362296	25.0000	24
81 Benzo(b)fluoranthene	252	12.405	12.405	(0.945)	1781567	25.0000	24
82 Benzo(k)fluoranthene	252	12.452	12.452	(0.949)	1892877	25.0000	25
83 Benzo(a)pyrene	252	13.011	13.011	(0.991)	1584189	25.0000	24
84 Indeno(1,2,3-cd)pyrene	276	15.311	15.311	(1.167)	1300235	25.0000	21(M)
85 Dibenzo(a,h)anthracene	278	15.370	15.370	(1.171)	1376204	25.0000	21
86 Benzo(g,h,i)perylene	276	15.840	15.840	(1.207)	1358640	25.0000	20(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066907.b\Z6910.D
Date : 22-AUG-2006 14:41
Client ID: SSTD50A1
Sample Info: SSTD50A1
Volume Injected (uL): 2.0
Column phase: RTX-5

Instrument: msz.i
Operator: m.eastman
Column diameter: 0.25



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066907.b\Z6911.D Page 1
Report Date: 23-Aug-2006 10:15

STLCT

Semivolatile REPORT OLM Compounds

Data file : \\Target1_ct\Files\chem\BNA\msz.i\Z066907.b\Z6911.D
Lab Smp Id: SSTD80A1 Client Smp ID: SSTD80A1
Inj Date : 22-AUG-2006 15:07
Operator : m.eastman Inst ID: msz.i
Smp Info : SSTD80A1
Misc Info : : ;70111;0.500
Comment :
Method : \\Target1_ct\Files\chem\BNA\msz.i\Z066907.b\Mszclp.m
Meth Date : 23-Aug-2006 10:13 target Quant Type: ISTD
Cal Date : 22-AUG-2006 15:07 Cal File: Z6911.D
Als bottle: 3 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: olm3_4.sub
Target Version: 4.14
Processing Host: CONMSU

Concentration Formula: Amt * DF * Uf * Vt/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	ng unit correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	2.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
*	1 1,4-Dichlorobenzene-d4	152	2.982	2.982	(1.000)	450830	20.0000	
$	2 2-Fluorophenol	112	1.876	1.870	(0.629)	1281318	40.0000	41
$	3 Phenol-d5	99	2.729	2.729	(0.915)	1521236	40.0000	41
	128 Benzaldehyde	77	2.582	2.582	(0.866)	733063	40.0000	45
	7 Phenol	94	2.741	2.741	(0.919)	1845921	40.0000	41
	9 bis(2-Chloroethyl)ether	63	2.782	2.782	(0.933)	995700	40.0000	41
	10 2-Chlorophenol	128	2.823	2.823	(0.947)	1404060	40.0000	41
$	157 2-Chlorophenol-d4	132	2.812	2.812	(0.943)	1321528	40.0000	41
	11 1,3-Dichlorobenzene	146	2.947	2.947	(0.988)	1523665	40.0000	41
	12 1,4-Dichlorobenzene	146	3.000	3.000	(1.006)	1521819	40.0000	41
	14 1,2-Dichlorobenzene	146	3.176	3.176	(1.065)	1440463	40.0000	41
$	158 1,2-Dichlorobenzene-d4	152	3.165	3.165	(1.061)	852863	40.0000	41
	15 2,2'-oxybis(1-Chloropropane)	45	3.300	3.300	(1.106)	1927433	40.0000	41
	92 Acetophenone	105	3.400	3.400	(1.140)	1616391	40.0000	41
	16 2-Methylphenol	108	3.294	3.294	(1.105)	1262553	40.0000	40
	17 Hexachloroethane	117	3.470	3.470	(1.164)	625610	40.0000	41
	18 N-Nitroso-di-n-propylamine	70	3.435	3.435	(1.152)	978364	40.0000	41
	19 4-Methylphenol	108	3.435	3.435	(1.152)	1300403	40.0000	41
*	20 Naphthalene-d8	136	4.235	4.235	(1.000)	1783417	20.0000	
$	21 Nitrobenzene-d5	82	3.547	3.547	(0.838)	1497100	40.0000	41

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	12 Nitrobenzene	77	3.565	3.565	(0.842)	1509512	40.0000	41
	23 Isophorone	82	3.794	3.794	(0.896)	2560280	40.0000	41
	24 2-Nitrophenol	139	3.882	3.882	(0.917)	731542	40.0000	40
	25 2,4-Dimethylphenol	107	3.953	3.953	(0.933)	1280269	40.0000	41
	26 Benzoic Acid	122	4.112	4.112	(0.971)	789573	40.0000	38
	27 Bis 2-Chloroethoxy)methane	93	4.041	4.041	(0.954)	1551253	40.0000	41
	28 2,4-Dichlorophenol	162	4.123	4.123	(0.974)	1057715	40.0000	41
	29 1,2,4-Trichlorobenzene	180	4.200	4.200	(0.992)	1178237	40.0000	41
	30 Naphthalene	128	4.259	4.259	(1.006)	3337535	40.0000	41
	31 4 Chloroaniline	127	4.347	4.347	(1.026)	1555036	40.0000	41
	32 Hexachlorobutadiene	225	4.459	4.459	(1.053)	662440	40.0000	41
	125 Caprolactam	113	4.694	4.694	(1.108)	348341	40.0000	40
	33 4 Chloro-3 methylphenol	107	4.875	4.876	(1.151)	1095284	40.0000	40
	34 2 Methylnaphthalene	142	4.970	4.970	(1.174)	2542214	40.0000	41
*	35 Acenaphthene-d10	164	6.064	6.064	(1.000)	966524	20.0000	
	37 Hexachlorocyclopentadiene	237	5.212	5.212	(0.859)	774503	40.0000	42
	38 2 4,6 Trichlorophenol	196	5.306	5.306	(0.875)	758998	40.0000	41
	39 2 4,5 Trichlorophenol	196	5.347	5.347	(0.882)	806372	40.0000	41
	131 2 [illegible]phenyl	154	5.464	5.464	(0.901)	3014801	40.0000	42
S	40 2 Fluorobiphenyl	172	5.382	5.382	(0.887)	2705020	40.0000	42
	41 2 Chloronaphthalene	162	5.470	5.470	(0.902)	2298700	40.0000	42
	42 2-Nitroaniline	65	5.617	5.617	(0.926)	774747	40.0000	41
	43 Acenaphthylene	152	5.906	5.906	(0.974)	3769356	40.0000	41
	44 Dimethylphthalate	163	5.853	5.853	(0.965)	2349797	40.0000	42
	45 2,6 Dinitrotoluene	165	5.917	5.917	(0.976)	568435	40.0000	41
	46 Acenaphthene	153	6.100	6.100	(1.006)	2250945	40.0000	41
	47 3 Nitroaniline	138	6.053	6.053	(0.998)	644122	40.0000	42
	48 2,4-Dinitrophenol	184	6.159	6.159	(1.016)	370419	40.0000	41
	49 Dibenzofuran	168	6.270	6.270	(1.034)	3200286	40.0000	41
	50 2,4-Dinitrotoluene	165	6.317	6.317	(1.042)	758901	40.0000	41
	51 4-Nitrophenol	109	6.264	6.264	(1.033)	348420	40.0000	41
	52 Fluorene	166	6.629	6.629	(1.093)	2676394	40.0000	42
	53 4-Chlorophenyl-phenylether	204	6.641	6.641	(1.095)	1234398	40.0000	42
	54 Diethylphthalate	149	6.600	6.600	(1.088)	2401146	40.0000	41
	55 4-Nitroaniline	138	6.700	6.700	(1.105)	645932	40.0000	42
S	56 2,4,6-Tribromophenol	330	6.900	6.900	(1.138)	373625	40.0000	42
*	57 Phenanthrene-d10	188	7.600	7.600	(1.000)	1648912	20.0000	
	58 4,6-Dinitro-2 methylphenol	198	6.747	6.747	(0.889)	444653	40.0000	40
	59 N-Nitrosodiphenylamine (1)	169	6.776	6.776	(0.892)	1800690	40.0000	41
	61 4-Bromophenyl phenylether	248	7.141	7.141	(0.940)	710913	40.0000	41
	60 Hexachlorobenzene	284	7.288	7.288	(0.959)	776611	40.0000	41
	126 Atrazine	200	7.376	7.376	(0.971)	652899	40.0000	43
	63 Pentachlorophenol	266	7.482	7.482	(0.985)	494405	40.0000	40
	64 Phenanthrene	178	7.623	7.623	(1.003)	3696471	40.0000	41
	65 Carbazole	167	7.853	7.853	(2.633)	3353193	40.0000	41
	66 Anthracene	178	7.670	7.670	(1.009)	3684095	40.0000	41
	67 Di n Butylphthalate	149	8.294	8.294	(1.091)	4118067	40.0000	41
	68 Fluoranthene	202	8.876	8.876	(1.168)	3930492	40.0000	41
*	70 Chrysene d12	240	10.617	10.617	(1.000)	1424328	20.0000	
	72 Pyrene	202	9.105	9.105	(0.858)	3940674	40.0000	40
S	73 Terphenyl-d14	244	9.294	9.294	(0.875)	2684543	40.0000	40
	74 Butylbenzylphthalate	149	9.917	9.917	(0.934)	1732492	40.0000	40
	75 3,3' Dichlorobenzidine	252	10.594	10.594	(0.998)	1213597	40.0000	41
	76 Benzo(a)anthracene	228	10.594	10.594	(0.998)	3226376	40.0000	41

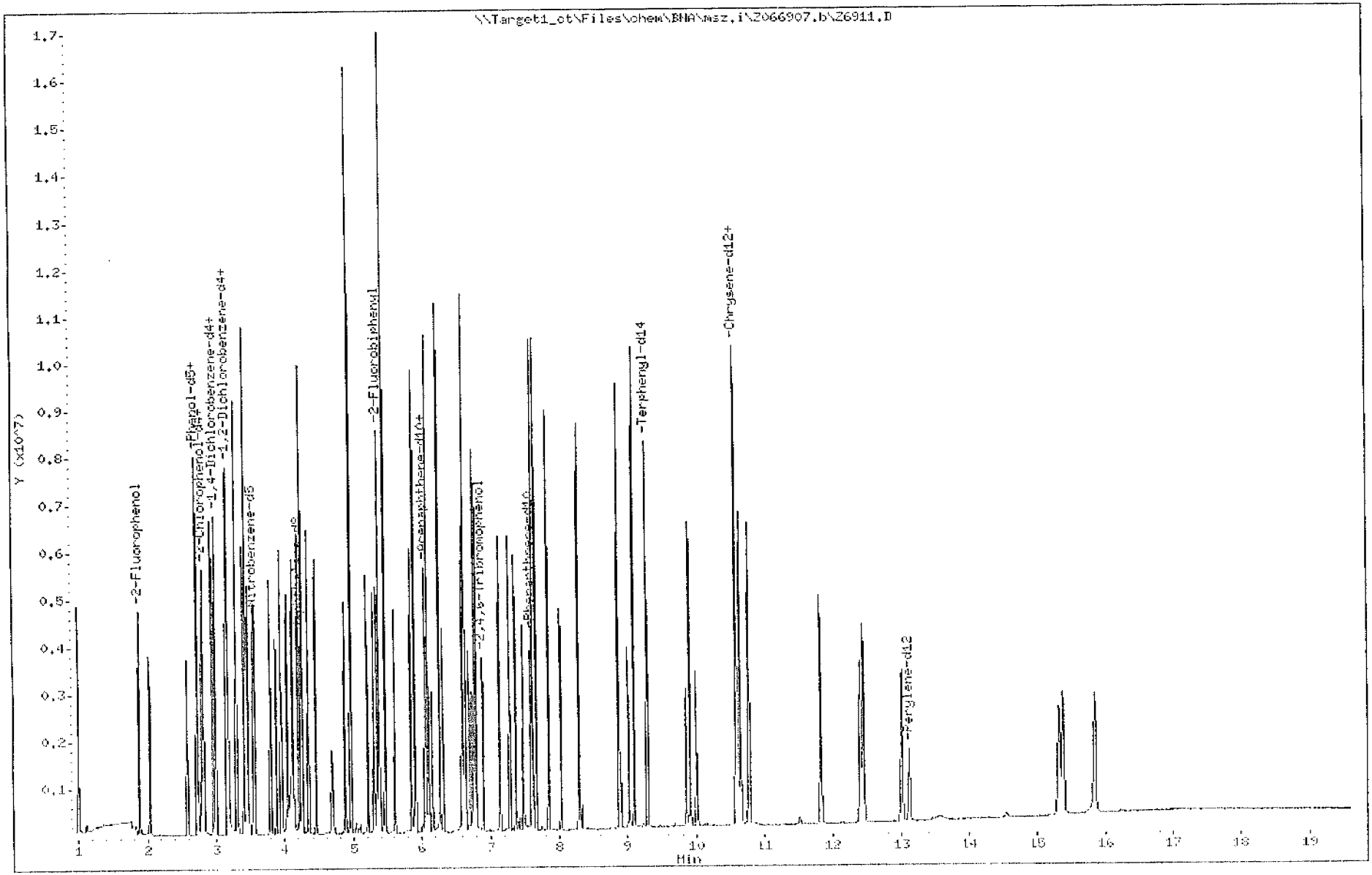
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
77 Chrysene	228	10.658	10.658	(1.004)	3061658	40.0000	41
78 Bis(2-Ethylhexyl phthalate	149	10.782	10.782	(1.016)	2351592	40.0000	40
* 79 Perylene-d12	264	13.123	13.123	(1.000)	1033999	20.0000	
80 Di-n-octylphthalate	149	11.823	11.823	(0.901)	3610230	40.0000	42
81 Benzo(b)fluoranthene	252	12.411	12.411	(0.946)	2691946	40.0000	41
82 Benzo(k)fluoranthene	252	12.458	12.458	(0.949)	2738530	40.0000	41
83 Benzo(a)pyrene	252	13.017	13.017	(0.992)	2359755	40.0000	41
84 Indeno(1,2,3-cd)pyrene	276	15.317	15.317	(1.167)	2188499	40.0000	38(M)
85 Dibenzo(a,h)anthracene	278	15.376	15.376	(1.172)	2286000	40.0000	39
86 Benzo(g,h,i)perylene	276	15.852	15.852	(1.208)	2345913	40.0000	38(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066907.b\Z6911.D
Date : 22-AUG-2006 15:07
Client ID: SSTD80A1
Sample Info: SSTD80A1
Volume Injected (uL): 2.0
Column phase: RTX-5

Instrument: msz.i
Operator: m.eastman
Column diameter: 0.25



STLCT

Semivolatile REPORT OLM Compounds

Data file : \\Target1_ct\Files\chem\BNA\msz.i\Z066907.b\Z6912.D
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Inj Date : 22-AUG-2006 15:34
Operator : m.eastman Inst ID: msz.i
Smp Info : SSTD120A1
Misc Info : : ;70111;0.500
Comment :
Method : \\Target1_ct\Files\chem\BNA\msz.i\Z066907.b\Mszclp.m
Meth Date : 23-Aug-2006 10:13 target Quant Type: ISTD
Cal Date : 22-AUG-2006 15:34 Cal File: Z6912.D
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: olm3_4.sub
Target Version: 4.14
Processing Host: CONMSU

Concentration Formula: Amt * DF * Uf * Vt/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	ng unit correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	2.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS CN-COL (ug/ml)	
*	1	1,4 Dichlorobenzene-d4	152	2.982	2.982	(1.000)	425715	20.0000		(M)
$	2	2 Fluorophenol	112	1.876	1.876	(0.629)	1744245	60.0000	60	
$	3	Phenol-d5	99	2.735	2.735	(0.917)	2217600	60.0000	60	(M)
	128	Benzaldehyde	77	2.582	2.582	(0.866)	803019	60.0000	60	
	7	Phenol	94	2.741	2.741	(0.919)	2504166	60.0000	60	
	9	bis(2-Chloroethyl)ether	63	2.788	2.788	(0.935)	1373971	60.0000	60	
	10	2-Chlorophenol	128	2.829	2.829	(0.949)	1893552	60.0000	60	
$	157	2-Chlorophenol-d4	132	2.812	2.812	(0.943)	1793552	60.0000	60	
	11	1,3-Dichlorobenzene	146	2.953	2.953	(0.990)	3067025	60.0000	60	
	12	1,4-Dichlorobenzene	146	3.000	3.000	(1.006)	2088204	60.0000	60	
	14	1,2-Dichlorobenzene	146	3.176	3.176	(1.065)	1957723	60.0000	60	
$	158	1,2-Dichlorobenzene-d4	152	3.164	3.164	(1.061)	1143538	60.0000	60	
	16	2,2'-oxybis(1-Chloropropane)	45	3.300	3.300	(1.106)	3575927	60.0000	60	
	93	Acetophenone	105	3.406	3.406	(1.142)	2478629	60.0000	60	
	18	2-Methylphenol	108	3.300	3.300	(1.106)	1814285	60.0000	60	(M)
	17	Hexachloroethane	117	3.470	3.470	(1.164)	844201	60.0000	60	
	19	N-Nitroso-di-n-propylamine	70	3.441	3.441	(1.154)	1330625	60.0000	60	
	20	4-Methylphenol	108	3.441	3.441	(1.154)	1765664	60.0000	60	
*	30	Naphthalene-d8	136	4.241	4.241	(1.000)	1668739	20.0000		
$	31	Nitrobenzene-d5	82	3.547	3.547	(0.836)	2034751	60.0000	60	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)	
	22 Nitrobenzene	77	3.564	3.564	(0.841)	2031316	60.0000	60	
	23 Isophorone	82	3.800	3.800	(0.896)	3484399	60.0000	60	
	24 2-Nitrophenol	139	3.882	3.882	(0.915)	1004069	60.0000	60	
	25 2,4-Dimethylphenol	107	3.959	3.959	(0.933)	1738147	60.0000	60	
	26 Benzoic Acid	122	4.129	4.129	(0.974)	1235149	60.0000	60	(MH)
	27 Bis(2-Chloroethoxy)methane	93	4.041	4.041	(0.953)	2109022	60.0000	60	
	28 2,4-Dichlorophenol	162	4.129	4.129	(0.974)	1439343	60.0000	60	
	29 1,2,4-Trichlorobenzene	180	4.206	4.206	(0.992)	1599208	60.0000	60	
	30 Naphthalene	128	4.258	4.258	(1.004)	5323795	60.0000	60	
	31 4-Chloroaniline	127	4.347	4.347	(1.025	2042417	60.0000	60	
	32 Hexachlorobutadiene	225	4.456	4.458	(1.051)	901331	60.0000	60	
	125 Caprolactam	113	4.711	4.711	(1.111)	482733	60.0000	60	(M)
	33 4-Chloro-3-methylphenol	107	4.882	4.882	(1.151)	1513801	60.0000	60	
	34 2 Methylnaphthalene	142	4.976	4.976	(1.173)	3461394	60.0000	60	
*	35 Acenaphthene-d10	164	6.070	6.070	(1.000)	939930	20.0000		
	37 Hexachlorocyclopentadiene	237	5.211	5.211	(0.859)	1047832	60.0000	60	
	38 2,4,6 Trichlorophenol	196	5.305	5.305	(0.874)	1041113	60.0000	60	
	39 2,4,5 Trichlorophenol	196	5.353	5.353	(0.882)	1091310	60.0000	60	
	130 2,2' Biphenyl	154	5.470	5.470	(0.901)	3958939	60.0000	60	
$	40 2 Fluorobiphenyl	172	5.382	5.382	(0.887)	3645103	60.0000	60	
	41 2-Chloronaphthalene	162	5.470	5.470	(0.901)	3096433	60.0000	60	
	42 2-Nitroaniline	65	5.623	5.623	(0.926)	1061452	60.0000	60	
	43 Acenaphthylene	152	5.905	5.905	(0.973)	5115778	60.0000	60	
	44 Dimethylphthalate	163	5.858	5.858	(0.965)	3168942	60.0000	60	
	45 2,6-Dinitrotoluene	165	5.923	5.923	(0.976)	776429	60.0000	60	
	46 Acenaphthene	153	6.105	6.105	(1.006)	3139951	60.0000	60	
	47 3-Nitroaniline	138	6.058	6.058	(0.998)	871231	60.0000	60	
	48 2,4-Dinitrophenol	184	6.164	6.164	(1.016)	510768	60.0000	60	
	49 Dibenzofuran	168	6.270	6.270	(1.033)	4426218	60.0000	60	
	50 2,4-Dinitrotoluene	165	6.323	6.323	(1.042)	1033720	60.0000	60	
	51 4-Nitrophenol	109	6.270	6.270	(1.033)	480075	60.0000	60	
	52 Fluorene	166	6.629	6.629	(1.092)	3456340	60.0000	60	
	53 4 Chlorophenyl-phenylether	204	6.641	6.641	(1.094)	1557100	60.0000	60	
	54 Diethylphthalate	149	6.600	6.600	(1.087)	3259067	60.0000	60	
	55 4-Nitroaniline	138	6.705	6.705	(1.105)	872802	60.0000	60	
$	56 2,4,6-Tribromophenol	330	6.905	6.905	(1.138)	501041	60.0000	60	
*	57 Phenanthrene-d10	188	7.599	7.599	(1.000)	1559877	20.0000		
	58 4,6-Dinitro-2-methylphenol	198	6.752	6.752	(0.889)	619014	60.0000	60	
	59 N Nitrosodiphenylamine (1)	169	6.782	6.782	(0.892)	2489531	60.0000	60	
	61 4 Bromophenyl phenylether	248	7.147	7.147	(0.940)	950963	60.0000	60	
	62 Hexachlorobenzene	284	7.294	7.294	(0.960)	1036190	60.0000	60	
	131 Atrazine	200	7.382	7.382	(0.971)	785086	60.0000	60	
	63 Pentachlorophenol	266	7.488	7.488	(0.985)	709247	60.0000	60	
	64 Phenanthrene	178	7.629	7.629	(1.004)	5045414	60.0000	60	
	65 Carbazole	167	7.858	7.858	(2.635)	4528662	60.0000	60	
	66 Anthracene	178	7.676	7.676	(1.010)	4996853	60.0000	60	
	67 Di n-butylphthalate	149	8.294	8.294	(1.091)	5684948	60.0000	60	
	68 Fluoranthene	202	8.876	8.876	(1.168)	5279311	60.0000	60	
*	70 Chrysene-d12	240	10.623	10.623	(1.000)	1301106	20.0000		
	72 Pyrene	202	9.111	9.111	(0.858)	5310933	60.0000	60	
$	73 Terphenyl-d14	244	9.299	9.299	(0.875)	3625740	60.0000	60	
	74 Butylbenzylphthalate	149	9.923	9.923	(0.934)	2321709	60.0000	60	
	75 3,3'-Dichlorobenzidine	252	10.599	10.599	(0.998)	1548706	60.0000	60	
	76 Benzo(a)anthracene	228	10.599	10.599	(0.998)	4204627	60.0000	60	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS CN-COL (ug/ml)
	77 Chrysene	228	10.664	10.664	(1.004)	4035812	60.0000	60
	78 Bis(2-Ethylhexyl)phthalate	149	10.782	10.782	(1.015)	3178175	60.0000	60
*	79 Perylene d12	264	13.128	13.128	(1.000)	1006448	20.0000	
	80 Di-n-octylphthalate	149	11.823	11.823	(0.901)	4886905	60.0000	60
	81 Benzo(b)fluoranthene	252	12.417	12.417	(0.946)	3687000	60.0000	60
	82 Benzo(k)fluoranthene	252	12.464	12.464	(0.949)	3718651	60.0000	60
	83 Benzo(e)pyrene	252	13.023	13.023	(0.992)	3257758	60.0000	60
	84 Indeno(1,2,3-cd)pyrene	276	15.328	15.328	(1.168)	3424142	60.0000	60(K)
	85 Dibenzo(a,h)anthracene	278	15.387	15.387	(1.172)	3557400	60.0000	60
	86 Benzo(g,h,i)perylene	276	15.864	15.864	(1.208)	3770760	60.0000	60

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\Target1_ctt\Files\chem\BNA\msz.i\20060907.b\26912.D
Date : 22-AUG-2006 15:34
Client ID: SSTD42041
Sample Info: SSTD42041
Volume Injected (uL): 2.0
Column phase: RTX-5
Instrument: msz.i
Operator: m.eastman
Column diameter: 0.25
\\Target1_ctt\Files\chem\BNA\msz.i\20060907.b\26912.D
Y (x10^7)
Min
-2-Fluorophenol
-Phenol-d5+
-2-Chlorophenol-d4+
-1,4-Dichlorobenzene-d4+
-1,2-Dichlorobenzene-d4+
-Nitrobenzene-d5
-2-Fluorobiphenyl
-Acenaphthene-d10+
-2,4,6-Tribromophenol
-Phenanthrene-d10
-Terphenyl-d14
-Chrysene-d12+
-Perylene-d12

STLCT

Semivolatile REPORT OLM Compounds

Data file : \\Target1_ct\Files\chem\BNA\msz.i\Z066907.b\Z6913.D
Lab Smp Id: SSTD160A1 Client Smp ID: SSTD160A1
Inj Date : 22-AUG-2006 16:00
Operator : m.eastman Inst ID: msz.i
Smp Info : SSTD160A1
Misc Info : : ;70111;0.500
Comment :
Method : \\Target1_ct\Files\chem\BNA\msz.i\Z066907.b\Mszclp.m
Meth Date : 23-Aug-2006 09:39 target Quant Type: ISTD
Cal Date : 22-AUG-2006 14:41 Cal File: Z6910.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: olm3_4.sub
Target Version: 4.14
Processing Host: CONMSU

Concentration Formula: Amt * DF * Uf * Vt/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	ng unit correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	2.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

		Compound	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
*	1	1,4-Dichlorobenzene-d4	152	2.982	2.982	(1.000)	415644	20.0000	
$	2	2-Fluorophenol	112	1.876	1.876	(0.629)	2519548	80.0000	80
$	3	Phenol d5	99	2.735	2.735	(0.917)	2936124	80.0000	80
	125	Benzaldehyde	77	2.582	2.582	(0.866)	810660	80.0000	80
	7	Phenol	94	2.747	2.747	(0.921)	3335486	80.0000	80
	9	bis(2-Chloroethyl)ether	63	2.786	2.788	(0.935)	1843795	80.0000	80
	10	2-Chlorophenol	128	2.823	2.823	(0.947)	2523035	80.0000	80
$	157	2 Chlorophenol-d4	132	2.812	2.812	(0.943)	2390965	80.0000	80
	11	1,3-Dichlorobenzene	146	2.947	2.947	(0.988)	2730491	80.0000	80
	12	1,4-Dichlorobenzene	146	3.000	3.000	(1.006)	2745767	80.0000	80
	14	1,2-Dichlorobenzene	146	3.176	3.176	(1.065)	2582772	80.0000	80
$	158	1,2 Dichlorobenzene-d4	152	3.164	3.164	(1.061)	1520581	80.0000	80
	15	2,2' Oxybis(1 Chloropropane)	45	3.300	3.300	(1.106)	3373305	80.0000	80
	90	Acetophenone	105	3.406	3.406	(1.142)	3322675	80.0000	80
	16	2-Methylphenol	108	3.300	3.300	(1.106)	2523796	80.0000	80(M)
	17	Hexachloroethane	117	3.464	3.464	(1.162)	1135529	80.0000	80
	18	N-Nitroso di-n propylamine	70	3.447	3.447	(1.156)	1819387	80.0000	80
	19	4 Methylphenol	108	3.441	3.441	(1.154)	2367398	80.0000	80
*	20	Naphthalene-d8	136	4.235	4.235	(1.000)	1664481	20.0000	
$	21	Nitrobenzene-d5	82	3.547	3.547	(0.838)	2745818	80.0000	80

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	32 Nitrobenzene	77	3.564	3.564	(0.943)	2741752	80.0000	80
	33 Isophorone	82	3.800	3.800	(0.897)	4829745	80.0000	80
	34 2-Nitrophenol	139	3.882	3.882	(0.917)	1365262	80.0000	80
	35 2,4-Dimethylphenol	107	3.959	3.959	(0.935)	2406210	80.0000	80
	36 Benzoic Acid	122	4.147	4.147	(0.979)	1600547	80.0000	80(M)
	37 Bis(2-Chloroethoxy)methane	93	4.041	4.041	(0.954)	2918238	80.0000	80(M)
	38 2,4-Dichlorophenol	162	4.129	4.129	(0.975)	1949823	80.0000	80
	39 1,2,4-Trichlorobenzene	180	4.200	4.200	(0.992)	2165853	80.0000	80(M)
	30 Naphthalene	128	4.259	4.259	(1.006)	7104652	80.0000	80
	31 4-Chloroaniline	127	4.347	4.347	(1.026)	2734488	80.0000	80
	32 Hexachlorobutadiene	225	4.453	4.453	(1.051)	1206216	80.0000	80
	129 Caprolactam	113	4.729	4.729	(1.117)	954419	80.0000	80
	33 4-Chloro-3-methylphenol	107	4.882	4.882	(1.153)	2052160	80.0000	80(A)
	34 2-Methylnaphthalene	142	4.970	4.970	(1.174)	4731933	80.0000	80(M)
*	35 Acenaphthene-d10	164	6.064	6.064	(1.000)	944085	20.0000	
	37 Hexachlorocyclopentadiene	237	5.206	5.206	(0.858)	1412080	80.0000	80
	38 2,4,6-Trichlorophenol	196	5.306	5.306	(0.875)	1428582	80.0000	80(M)
	39 2,4,5-Trichlorophenol	196	5.347	5.347	(0.882)	1526153	80.0000	80(M)
	130 2,1-Biphenyl	154	5.464	5.464	(0.901)	5459704	80.0000	80(M)
S	40 2-Fluorobiphenyl	172	5.382	5.382	(0.887)	5037399	80.0000	80
	41 2-Chloronaphthalene	162	5.470	5.470	(0.902)	4170759	80.0000	80
	42 2-Nitroaniline	65	5.617	5.617	(0.926)	1497003	80.0000	80(M)
	43 Acenaphthylene	152	5.905	5.905	(0.974)	6995180	80.0000	80(M)
	44 Dimethylphthalate	163	5.858	5.858	(0.966)	4655376	80.0000	80(M)
	45 2,6-Dinitrotoluene	165	5.917	5.917	(0.976)	1122023	80.0000	80(M)
	46 Acenaphthene	153	6.100	6.100	(1.006)	4325418	80.0000	80(M)
	47 3-Nitroaniline	138	6.058	6.058	(0.999)	1248172	80.0000	80
	48 2,4-Dinitrophenol	184	6.158	6.158	(1.016)	782196	80.0000	80(M)
	49 Dibenzofuran	168	6.264	6.264	(1.033)	5094301	80.0000	80(M)
	50 2,4-Dinitrotoluene	165	6.323	6.323	(1.043)	1493101	80.0000	80(M)
	51 4-Nitrophenol	109	6.270	6.270	(1.034)	696525	80.0000	80(M)
	52 Fluorene	166	6.623	6.623	(1.092)	5012228	80.0000	80(M)
	53 4-Chlorophenyl phenylether	204	6.635	6.635	(1.094)	2375827	80.0000	80(M)
	54 Diethylphthalate	149	6.600	6.600	(1.088)	4805219	80.0000	80(M)
	55 4-Nitroaniline	138	6.711	6.711	(1.107)	1236730	80.0000	80(M)
S	56 2,4,6-Tribromophenol	330	6.905	6.905	(1.139)	722623	80.0000	80(M)
*	57 Phenanthrene-d10	188	7.594	7.594	(1.000)	1564082	20.0000	(M)
	58 4,6-Dinitro-2-methylphenol	198	6.752	6.752	(0.989)	926591	80.0000	80
	59 N-Nitrosodiphenylamine (1)	169	6.776	6.776	(0.992)	3627491	80.0000	80(M)
	61 4-Bromophenyl phenylether	248	7.141	7.141	(0.940)	1391006	80.0000	80(M)
	62 Hexachlorobenzene	284	7.288	7.288	(0.960)	1485129	80.0000	80(M)
	131 Atrazine	200	7.382	7.382	(0.972)	1187175	80.0000	80(M)
	63 Pentachlorophenol	266	7.482	7.482	(0.985)	1031244	80.0000	80(M)
	64 Phenanthrene	178	7.623	7.623	(1.004)	7193010	80.0000	80(XH)
	65 Carbazole	167	7.852	7.852	(2.633)	6480273	80.0000	80(M)
	66 Anthracene	178	7.670	7.670	(1.010)	7174935	80.0000	80(M)
	67 Di-n-butylphthalate	149	8.294	8.294	(1.092)	8315683	80.0000	80(M)
	68 Fluoranthene	202	8.870	8.870	(1.168)	7328554	80.0000	80(M)
*	70 Chrysene-d12	240	10.617	10.617	(1.000)	1219045	20.0000	(M)
	72 Pyrene	202	9.105	9.105	(0.858)	7158637	80.0000	80(M)
I	73 Terphenyl-d14	244	9.294	9.294	(0.875)	4960790	80.0000	80(M)
	74 Butylbenzylphthalate	149	9.917	9.917	(0.934)	3129790	80.0000	80(M)
	75 3,3'-Dichlorobenzidine	252	10.593	10.593	(0.998)	2006323	80.0000	80(M)
	76 Benzo(a)anthracene	228	10.593	10.593	(0.998)	5386297	80.0000	80(AH)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml	ON-COL (ug/ml)	
	77 Chrysene	228	10.658	10.658	(1.004)	5142636	80.0000	80	(M)
	78 Bis(2-Ethylhexyl)phthalate	149	10.776	10.776	(1.015)	4322176	80.0000	80	
*	79 Perylene d12	264	13.117	13.117	(1.000)	998468	20.0000		(M)
	80 Di-n-octylphthalate	149	11.817	11.817	(0.901)	5219619	80.0000	80	(M)
	81 Benzo b fluoranthene	252	12.411	12.411	(0.946)	4546364	80.0000	80	(H)
	82 Benzo(k)fluoranthene	252	12.458	12.458	(0.950)	5096345	80.0000	80	(M)
	83 Benzo.a,pyrene	252	13.017	13.017	(0.992)	4315902	80.0000	80	
	84 Indeno(1,2,3-cd,pyrene	276	15.328	15.328	(1.169)	5408418	80.0000	80	(H)
	85 Dibenzo(a,h)anthracene	278	15.387	15.387	(1.173)	5477593	80.0000	80	
	86 Benzo(g,h,i)perylene	276	15.875	15.875	(1.210)	6643057	80.0000	80	

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\Target1_ot\Files\chem\BNA\msz.i\Z066907.b\Z6913.D

Page 1

Date : 22-AUG-2006 16:00

Client ID: SSTD160A1

Instrument: msz.i

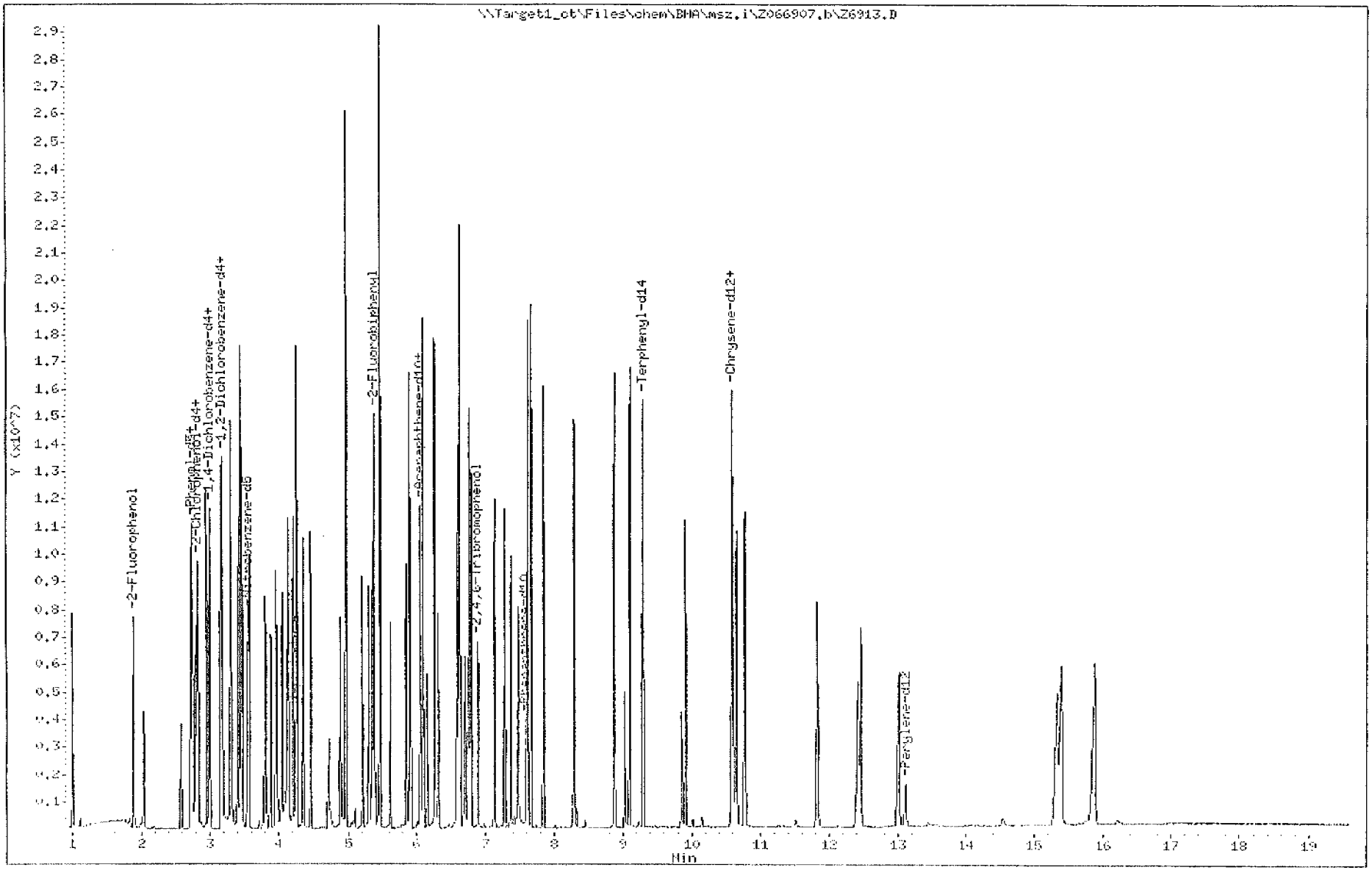
Sample Info: SSTD160A1

Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25



STL CONNECTICUT

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Instrument ID: MSZ Calibration Date: 08/23/06 Time: 1458

Lab File ID: Z6939 Init. Calib. Date(s): 08/22/06 08/22/06

Init. Calib. Times: 1414 1600

GC Column: RTX-5 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF25	MIN RRF	%D	MAX %D
Phenol	1.962	1.928	0.8	1.7	25.0
bis(2-Chloroethyl)ether	1.070	1.057	0.7	1.2	25.0
2-Chlorophenol	1.484	1.397	0.8	5.9	25.0
2-Methylphenol	1.386	1.347	0.7	2.8	25.0
2,2'-oxybis(1-Chloropropane)	2.064	2.129	0.01	3.1	100
N-Nitroso-di-n-propylamine	1.058	1.109	0.5	4.8	25.0
4-Methylphenol	1.388	1.423	0.6	2.5	25.0
Hexachloroethane	0.659	0.620	0.3	5.9	25.0
Nitrobenzene	0.399	0.389	0.2	2.5	25.0
Isophorone	0.690	0.699	0.4	1.3	25.0
2-Nitrophenol	0.195	0.190	0.1	2.6	25.0
2,4-Dimethylphenol	0.346	0.338	0.2	2.3	25.0
Bis(2-Chloroethoxy)methane	0.416	0.404	0.3	2.9	25.0
2,4-Dichlorophenol	0.283	0.275	0.2	2.8	25.0
Naphthalene	1.039	1.001	0.7	3.7	25.0
4-Chloroaniline	0.408	0.417	0.01	2.2	100
Hexachlorobutadiene	0.177	0.164	0.01	7.3	100
4-Chloro-3-methylphenol	0.297	0.297	0.2	0.0	25.0
2-Methylnaphthalene	0.684	0.680	0.4	0.6	25.0
Hexachlorocyclopentadiene	0.356	0.323	0.01	9.3	100
2,4,6-Trichlorophenol	0.361	0.327	0.2	9.4	25.0
2,4,5-Trichlorophenol	0.386	0.368	0.2	4.7	25.0
2-Chloronaphthalene	1.091	1.021	0.8	6.4	25.0
2-Nitroaniline	0.376	0.371	0.01	1.3	100
Acenaphthylene	1.791	1.707	0.9	4.7	25.0
2,6-Dinitrotoluene	0.275	0.272	0.2	1.1	25.0
3-Nitroaniline	0.311	0.308	0.01	1.0	100
Acenaphthene	1.094	1.052	0.9	3.8	25.0
2,4-Dinitrophenol	0.175	0.169	0.01	3.4	100
Dibenzofuran	1.550	1.528	0.8	1.4	25.0
2,4-Dinitrotoluene	0.367	0.369	0.2	0.5	25.0
Fluorene	1.247	1.242	0.9	0.4	25.0
Dimethylphthalate	1.146	1.146	0.01	0.0	100
Diethylphthalate	1.173	1.180	0.01	0.6	100
4-Chlorophenyl-phenylether	0.599	0.589	0.4	1.7	25.0
4-Nitroaniline	0.309	0.311	0.01	0.6	100
4,6-Dinitro-2-methylphenol	0.125	0.117	0.01	6.4	100

FORM VII SV-1

7C
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Instrument ID: MSZ Calibration Date: 08/23/06 Time: 1458

Lab File ID: Z6939 Init. Calib. Date(s): 08/22/06 08/22/06

Init. Calib. Times: 1414 1600

GC Column: RTX-5 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF25	MIN RRF	%D	MAX %D
N-Nitrosodiphenylamine (1)	0.514	0.482	0.01	6.2	100
4-Bromophenyl-phenylether	0.202	0.192	0.1	5.0	25.0
Hexachlorobenzene	0.221	0.213	0.1	3.6	25.0
Pentachlorophenol	0.142	0.124	0.05	12.7	25.0
Phenanthrene	1.047	0.993	0.7	5.2	25.0
Anthracene	1.048	0.993	0.7	5.2	25.0
Di-n-butylphthalate	1.179	1.111	0.01	5.8	100
Fluoranthene	1.100	1.037	0.6	5.7	25.0
Pyrene	1.304	1.273	0.6	2.4	25.0
Butylbenzylphthalate	0.568	0.520	0.01	8.5	100
Benzo(a)anthracene	1.059	0.991	0.8	6.4	25.0
3,3'-Dichlorobenzidine	0.391	0.354	0.01	9.5	100
Chrysene	1.008	0.941	0.7	6.6	25.0
Bis(2-Ethylhexyl)phthalate	0.772	0.695	0.01	10.0	100
Di-n-octylphthalate	1.548	1.478	0.01	4.5	100
Benzo(b)fluoranthene	1.182	1.106	0.7	6.4	25.0
Benzo(k)fluoranthene	1.236	1.224	0.7	1.0	25.0
Benzo(a)pyrene	1.062	0.993	0.7	6.5	25.0
Indeno(1,2,3-cd)pyrene	1.039	0.876	0.5	15.7	25.0
Dibenzo(a,h)anthracene	1.080	0.893	0.4	17.3	25.0
Benzo(g,h,i)perylene	1.150	0.979	0.5	14.9	25.0
4-Nitrophenol	0.170	0.173	0.01	1.8	100
Carbazole	3.711	4.197	0.01	13.1	100
Acetophenone	1.947	1.991	0.01	2.3	100
Benzaldehyde	0.502	0.299	0.01	40.4	100
Caprolactam	0.094	0.101	0.01	7.4	100
1,1'-Biphenyl	1.415	1.346	0.01	4.9	100
Atrazine	0.180	0.179	0.01	0.6	100
2-Fluorophenol	1.355	1.225	0.6	9.6	25.0
Phenol-d5	1.731	1.723	0.8	0.5	25.0
Nitrobenzene-d5	0.397	0.384	0.2	3.3	25.0
2-Fluorobiphenyl	1.281	1.175	0.7	8.3	25.0
2,4,6-Tribromophenol	0.183	0.178	0.01	2.7	100
Terphenyl-d14	0.893	0.872	0.5	2.4	25.0
2-Chlorophenol-d4	1.405	1.348	0.8	4.1	25.0
1,2-Dichlorobenzene-d4	0.895	0.857	0.4	4.2	25.0

FORM VII SV-2

STLCT

Semivolatile REPORT OLM Compounds

Data file : \\Target1_ct\Files\chem\BNA\msz.i\Z066937.b\Z6939.D
Lab Smp Id: SSTD50A2 Client Smp ID: SSTD50A2
Inj Date : 23-AUG-2006 14:58
Operator : m.eastman Inst ID: msz.i
Smp Info : SSTD50A2
Misc Info : : ;70111;0.500
Comment :
Method : \\Target1_ct\Files\chem\BNA\msz.i\Z066937.b\Mszclp.m
Meth Date : 23-Aug-2006 15:23 target Quant Type: ISTD
Cal Date : 23-AUG-2006 14:58 Cal File: Z6939.D
Als bottle: 28 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: olm3_4.sub
Target Version: 4.14
Processing Host: CONMSU

Concentration Formula: Amt * DF * Uf * Vt/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	ng unit correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	2.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
*	1	1,4-Dichlorobenzene-d4	152	2.953	2.953	(1.000)	397963	20.0000	
$	2	2-Fluorophenol	112	1.853	1.853	(0.628)	609439	25.0000	23
$	3	Phenol-d6	99	2.694	2.694	(0.912)	856968	25.0000	25
	128	Benzaldehyde	77	2.559	2.559	(0.867)	148911	25.0000	15
	7	Phenol	94	2.706	2.706	(0.916)	959118	25.0000	25
	9	bis(2-Chloroethyl)ether	63	2.753	2.753	(0.932)	525727	25.0000	25
	10	2-Chlorophenol	128	2.794	2.794	(0.946)	695128	25.0000	24
$	187	2-Chlorophenol-d4	132	2.792	2.792	(0.942)	670631	25.0000	24
	11	1,3-Dichlorobenzene	146	2.917	2.917	(0.988)	748511	25.0000	24
	12	1,4-Dichlorobenzene	146	2.970	2.970	(1.006)	758339	25.0000	24
	14	1,3-Dichlorobenzene	146	3.147	3.147	(1.066)	728773	25.0000	24
$	156	1,2 Dichlorobenzene-d4	152	3.135	3.135	(1.062)	426490	25.0000	24
	15	2,2'-oxybis(1 Chloropropane)	45	3.270	3.270	(1.108)	1059163	25.0000	26
	92	Acetophenone	105	3.370	3.370	(1.141)	990372	25.0000	26
	16	3-Methylphenol	108	3.259	3.259	(1.104)	670066	25.0000	24
	17	Hexachloroethane	117	3.441	3.441	(1.165)	308410	25.0000	24
	18	N-Nitroso-di n propylamine	70	3.406	3.406	(1.153)	551794	25.0000	26
	19	4 Methylphenol	108	3.400	3.400	(1.151)	708049	25.0000	26
*	20	Naphthalene-d8	136	4.206	4.206	(1.000)	1682859	20.0000	
$	21	Nitrobenzene-d5	82	3.512	3.512	(0.835)	807934	25.0000	24

			QUANT SIG					AMOUNTS	
								CAL-AMT	ON-COL
	Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	32 Nitrobenzene		77	3.529	3.529	(0.839)	817976	25.0000	24
	33 Isophorone		82	3.764	3.764	(0.895)	1470257	25.0000	25
	34 2-Nitrophenol		139	3.847	3.847	(0.915)	400018	25.0000	24
	35 2,4 Dimethylphenol		107	3.917	3.917	(0.931)	711688	25.0000	24
	36 Benzoic Acid		122	4.059	4.059	(0.965)	375980	25.0000	20
	37 Bis(2-Chloroethoxy)methane		93	4.006	4.006	(0.952)	848360	25.0000	24
	38 2,4-Dichlorophenol		162	4.094	4.094	(0.973)	578665	25.0000	24
	39 1,2,4 Trichlorobenzene		180	4.170	4.170	(0.992)	617367	25.0000	23
	40 Naphthalene		128	4.223	4.223	(1.004)	2105998	25.0000	24
	41 4-Chloroaniline		127	4.311	4.311	(1.025)	876175	25.0000	24
	42 Hexachlorobutadiene		225	4.429	4.429	(1.053)	345469	25.0000	23
	43 Caprolactam		113	4.641	4.641	(1.103)	213212	25.0000	27
	44 4-Chloro-3-methylphenol		107	4.841	4.841	(1.151)	625232	25.0000	25
	45 2-Methylnaphthalene		142	4.935	4.935	(1.173)	1430796	25.0000	25
*	46 Acenaphthene-d10		164	6.029	6.029	(1.000)	1019003	20.0000	
	47 Hexachlorocyclopentadiene		237	5.182	5.182	(0.860)	411141	25.0000	23
	48 2,4,6-Trichlorophenol		196	5.270	5.270	(0.874)	416334	25.0000	23
	49 2,4,5-Trichlorophenol		196	5.311	5.311	(0.881)	468799	25.0000	24
	50 1,1'-Biphenyl		154	5.435	5.435	(0.901)	1714711	25.0000	24
$	51 2-Fluorobiphenyl		172	5.347	5.347	(0.887)	1496371	25.0000	25
	52 2-Chloronaphthalene		162	5.435	5.435	(0.901)	1301025	25.0000	23
	53 2-Nitroaniline		65	5.582	5.582	(0.926)	472692	25.0000	25
	54 Acenaphthylene		152	5.870	5.870	(0.974)	2174766	25.0000	24
	55 Dimethylphthalate		163	5.817	5.817	(0.965)	1460243	25.0000	25
	56 2,6-Dinitrotoluene		165	5.882	5.882	(0.976)	346502	25.0000	25
	57 Acenaphthene		153	6.064	6.064	(1.006)	1339651	25.0000	24
	58 3-Nitroaniline		138	6.017	6.017	(0.998)	392768	25.0000	25
	59 2,4-Dinitrophenol		184	6.123	6.123	(1.016)	215636	25.0000	24
	60 Dibenzofuran		168	6.229	6.229	(1.033)	1946845	25.0000	25
	61 2,4-Dinitrotoluene		165	6.282	6.282	(1.042)	470254	25.0000	25
	62 4-Nitrophenol		109	6.223	6.223	(1.032)	220785	25.0000	26
	63 Fluorene		166	6.588	6.588	(1.093)	1581440	25.0000	25
	64 4-Chlorophenyl phenylether		204	6.605	6.605	(1.096)	749670	25.0000	25
	65 Diethylphthalate		149	6.559	6.559	(1.088)	1503520	25.0000	25
	66 4-Nitroaniline		138	6.658	6.658	(1.104)	394721	25.0000	25
$	67 2-Fluorophenol		330	6.864	6.864	(1.139)	227135	25.0000	24
*	68 Phenanthrene-d10		188	7.558	7.558	(1.000)	1884100	20.0000	
	69 4,6-Dinitro-2-methylphenol		198	6.705	6.705	(0.887)	270488	25.0000	23
	70 N-Nitrosodiphenylamine (1)		169	6.735	6.735	(0.891)	1116525	25.0000	23
	71 4-Bromophenyl-phenylether		248	7.105	7.105	(0.940)	444072	25.0000	24
	72 Hexachlorobenzene		284	7.252	7.252	(0.960)	493144	25.0000	24
	73 Atrazine		200	7.341	7.341	(0.971)	413923	25.0000	25
	74 Pentachlorophenol		266	7.441	7.441	(0.984)	287269	25.0000	22
	75 Phenanthrene		178	7.582	7.582	(1.003)	2301414	25.0000	24
	76 Carbazole		167	7.811	7.811	(2.645)	2088003	25.0000	28
	77 Anthracene		178	7.629	7.629	(1.009)	2302335	25.0000	24
	78 Di-n-Butylphthalate		149	8.252	8.252	(1.092)	2574402	25.0000	24
	79 Fluoranthene		202	8.835	8.835	(1.169)	2404131	25.0000	24
^	80 Chrysene-d12		240	10.564	10.564	(1.000)	1504594	20.0000	
	81 Pyrene		202	9.064	9.064	(0.858)	2394807	25.0000	24
$	82 Terphenyl-d14		244	9.252	9.252	(0.876)	1639820	25.0000	24
	83 Butylbenzylphthalate		149	9.870	9.870	(0.934)	977313	25.0000	23
	84 3,3'-Dichlorobenzidine		252	10.535	10.535	(0.997)	665475	25.0000	23
	85 Benzo(a)anthracene		228	10.535	10.535	(0.997)	1862923	25.0000	23

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
77	Chrysene	228	10.599	10.599	(1.000)	1770654	25.0000	23
78	Bis(2-Ethylhexyl)phthalate	149	10.721	10.723	(1.015)	1307451	25.0000	23
* 79	Perylene-d12	264	13.046	13.046	(1.000)	1052759	20.0000	
80	Di-n-octylphthalate	149	11.758	11.758	(0.901)	1944976	25.0000	24
81	Benzo(b)fluoranthene	252	12.334	12.334	(0.945)	1455839	25.0000	23
82	Benzo(k)fluoranthene	252	12.376	12.376	(0.949)	1610490	25.0000	25
83	Benzo(a)pyrene	252	12.934	12.934	(0.991)	1506188	25.0000	23
84	Indeno(1,2,3-cd)pyrene	276	15.217	15.217	(1.166)	1152486	25.0000	21
85	Dibenzo(a,h)anthracene	278	15.275	15.275	(1.171)	1174512	25.0000	21
86	Benzo(g,h,i)perylene	276	15.746	15.746	(1.207)	1238738	25.0000	21

Data file: \\Target1_ot\Files\chem\BNA\msz.i\20060927.b\26939.D
Date : 27-AUG-2006 14:58
Client ID: SSTD050A2
Sample Info: SSTD050A2
Volume Injected (uL): 2.0
Column phase: RTX-5
Instrument: msz.i
Operator: m.eastman
Column diameter: 0.25
Page 1
Y (x10^7)
-2-Fluorophenol
-Phenol-d5+
-2-Chlorophenol-d4+
-1,4-Dichlorobenzene-d4+
-1,2-Dichlorobenzene-d4+
-Nitrobenzene-d5
-Naphthalene-d8
-2-Fluorobiphenyl
-Acenaphthene-d10+
-2,4,6-Tribromophenol
-Phenanthrene-d10
-Terphenyl-d14
-Perylene-d12
\\Target1_ot\Files\chem\BNA\msz.i\20060927.b\26939.D

7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Instrument ID: MSZ Calibration Date: 08/24/06 Time: 1323

Lab File ID: Z6967 Init. Calib. Date(s): 08/22/06 08/22/06

Init. Calib. Times: 1414 1600

GC Column: RTX-5 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF25	MIN RRF	%D	MAX %D
Phenol	1.962	1.889	0.8	3.7	25.0
bis(2-Chloroethyl)ether	1.070	0.996	0.7	6.9	25.0
2-Chlorophenol	1.484	1.398	0.8	5.8	25.0
2-Methylphenol	1.386	1.288	0.7	7.1	25.0
2,2'-oxybis(1-Chloropropane)	2.064	1.967	0.01	4.7	100
N-Nitroso-di-n-propylamine	1.058	1.011	0.5	4.4	25.0
4-Methylphenol	1.388	1.358	0.6	2.2	25.0
Hexachloroethane	0.659	0.596	0.3	9.6	25.0
Nitrobenzene	0.399	0.365	0.2	8.5	25.0
Isophorone	0.690	0.635	0.4	8.0	25.0
2-Nitrophenol	0.195	0.186	0.1	4.6	25.0
2,4-Dimethylphenol	0.346	0.319	0.2	7.8	25.0
Bis(2-Chloroethoxy)methane	0.416	0.386	0.3	7.2	25.0
2,4-Dichlorophenol	0.283	0.268	0.2	5.3	25.0
Naphthalene	1.039	0.978	0.7	5.9	25.0
4-Chloroaniline	0.408	0.392	0.01	3.9	100
Hexachlorobutadiene	0.177	0.163	0.01	7.9	100
4-Chloro-3-methylphenol	0.297	0.283	0.2	4.7	25.0
2-Methylnaphthalene	0.684	0.648	0.4	5.3	25.0
Hexachlorocyclopentadiene	0.356	0.308	0.01	13.5	100
2,4,6-Trichlorophenol	0.361	0.326	0.2	9.7	25.0
2,4,5-Trichlorophenol	0.386	0.357	0.2	7.5	25.0
2-Chloronaphthalene	1.091	0.994	0.8	8.9	25.0
2-Nitroaniline	0.376	0.339	0.01	9.8	100
Acenaphthylene	1.791	1.654	0.9	7.6	25.0
2,6-Dinitrotoluene	0.275	0.259	0.2	5.8	25.0
3-Nitroaniline	0.311	0.295	0.01	5.1	100
Acenaphthene	1.094	1.020	0.9	6.8	25.0
2,4-Dinitrophenol	0.175	0.167	0.01	4.6	100
Dibenzofuran	1.550	1.458	0.8	5.9	25.0
2,4-Dinitrotoluene	0.367	0.345	0.2	6.0	25.0
Fluorene	1.247	1.174	0.9	5.9	25.0
Dimethylphthalate	1.146	1.082	0.01	5.6	100
Diethylphthalate	1.173	1.082	0.01	7.8	100
4-Chlorophenyl-phenylether	0.599	0.569	0.4	5.0	25.0
4-Nitroaniline	0.309	0.302	0.01	2.3	100
4,6-Dinitro-2-methylphenol	0.125	0.114	0.01	8.8	100

FORM VII SV-1

7C
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Instrument ID: MSZ Calibration Date: 08/24/06 Time: 1323

Lab File ID: Z6967 Init. Calib. Date(s): 08/22/06 08/22/06

Init. Calib. Times: 1414 1600

GC Column: RTX-5 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF25	MIN RRF	%D	MAX %D
N-Nitrosodiphenylamine (1)	0.514	0.462	0.01	10.1	100
4-Bromophenyl-phenylether	0.202	0.186	0.1	7.9	25.0
Hexachlorobenzene	0.221	0.206	0.1	6.8	25.0
Pentachlorophenol	0.142	0.128	0.05	9.9	25.0
Phenanthrene	1.047	0.944	0.7	9.8	25.0
Anthracene	1.048	0.955	0.7	8.9	25.0
Di-n-butylphthalate	1.179	1.033	0.01	12.4	100
Fluoranthene	1.100	0.959	0.6	12.8	25.0
Pyrene	1.304	1.254	0.6	3.8	25.0
Butylbenzylphthalate	0.568	0.488	0.01	14.1	100
Benzo(a)anthracene	1.059	0.953	0.8	10.0	25.0
3,3'-Dichlorobenzidine	0.391	0.339	0.01	13.3	100
Chrysene	1.008	0.905	0.7	10.2	25.0
Bis(2-Ethylhexyl)phthalate	0.772	0.646	0.01	16.3	100
Di-n-octylphthalate	1.548	1.357	0.01	12.3	100
Benzo(b)fluoranthene	1.182	1.043	0.7	11.8	25.0
Benzo(k)fluoranthene	1.236	1.148	0.7	7.1	25.0
Benzo(a)pyrene	1.062	0.961	0.7	9.5	25.0
Indeno(1,2,3-cd)pyrene	1.039	0.912	0.5	12.2	25.0
Dibenzo(a,h)anthracene	1.080	0.910	0.4	15.7	25.0
Benzo(g,h,i)perylene	1.150	0.986	0.5	14.3	25.0
4-Nitrophenol	0.170	0.152	0.01	10.6	100
Carbazole	3.711	3.821	0.01	3.0	100
Acetophenone	1.947	1.877	0.01	3.6	100
Benzaldehyde	0.502	0.295	0.01	41.2	100
Caprolactam	0.094	0.095	0.01	1.1	100
1,1'-Biphenyl	1.415	1.301	0.01	8.1	100
Atrazine	0.180	0.171	0.01	5.0	100
2-Fluorophenol	1.355	1.252	0.6	7.6	25.0
Phenol-d5	1.731	1.664	0.8	3.9	25.0
Nitrobenzene-d5	0.397	0.360	0.2	9.3	25.0
2-Fluorobiphenyl	1.281	1.166	0.7	9.0	25.0
2,4,6-Tribromophenol	0.183	0.179	0.01	2.2	100
Terphenyl-d14	0.893	0.846	0.5	5.3	25.0
2-Chlorophenol-d4	1.405	1.315	0.8	6.4	25.0
1,2-Dichlorobenzene-d4	0.895	0.841	0.4	6.0	25.0

FORM VII SV-2

STLCT

Semivolatile REPORT OLM Compounds

Data file : \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6967.D
Lab Smp Id: SSTD50A3 Client Smp ID: SSTD50A3
Inj Date : 24-AUG-2006 13:23
Operator : m.eastman Inst ID: msz.i
Smp Info : SSTD50A3
Misc Info : : ; ;0.500
Comment :
Method : \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Mszclp.m
Meth Date : 24-Aug-2006 13:44 target Quant Type: ISTD
Cal Date : 24-AUG-2006 13:23 Cal File: Z6967.D
Als bottle: 27 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: olm3_4.sub
Target Version: 4.14
Processing Host: CONMSU

Concentration Formula: Amt * DF * Uf * Vt/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	ng unit correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	2.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	
*	1	1,4-Dichlorobenzene-d4	152	2.917	2.917	(1.000)	377917	20.0000		
$	2	2-Fluorophenol	112	1.823	1.823	(0.625)	591294	25.0000	23	
$	3	Phenol-d5	99	2.665	2.665	(0.913)	786299	25.0000	24	
	128	Benzaldehyde	77	2.523	2.523	(0.865)	139434	25.0000	15	
	7	Phenol	94	2.676	2.676	(0.917)	892465	25.0000	24	(H)
	9	bis(2-Chloroethyl)ether	63	2.717	2.717	(0.931)	470575	25.0000	23	(H)
	10	2-Chlorophenol	128	2.759	2.759	(0.946)	660464	25.0000	24	
$	187	2-Chlorophenol-d4	132	2.747	2.747	(0.942)	621090	25.0000	23	
	11	1,3-Dichlorobenzene	146	2.882	2.882	(0.988)	701809	25.0000	23	(H)
	12	1,4-Dichlorobenzene	146	2.935	2.935	(1.006)	713391	25.0000	23	
	14	1,2-Dichlorobenzene	146	3.112	3.112	(1.067)	675117	25.0000	23	
$	188	1,2-Dichlorobenzene-d4	152	3.100	3.100	(1.062)	397340	25.0000	23	(H)
	15	2,2'-oxybis(1-Chloropropane)	45	3.235	3.235	(1.109)	929209	25.0000	24	
	92	Acetophenone	105	3.335	3.335	(1.143)	886613	25.0000	24	(H)
	16	2-Methylphenol	108	3.229	3.229	(1.107)	608295	25.0000	23	
	17	Hexachloroethane	117	3.400	3.400	(1.165)	281389	25.0000	23	
	18	N-Nitroso-di-n-propylamine	70	3.370	3.370	(1.155)	477754	25.0000	24	
	19	4-Methylphenol	108	3.370	3.370	(1.155)	641663	25.0000	24	
*	20	Naphthalene-d8	136	4.170	4.170	(1.000)	1525252	20.0000		
$	21	Nitrobenzene-d5	82	3.476	3.476	(0.834)	714265	25.0000	23	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	
	22 Nitrobenzene	77	3.494	3.494	(0.838)	722661	25.0000	23	
	23 Isophorone	82	3.729	3.729	(0.894)	1258676	25.0000	23	
	24 2-Nitrophenol	139	3.812	3.812	(0.914)	367819	25.0000	24	
	25 2,4-Dimethylphenol	107	3.888	3.888	(0.932)	632744	25.0000	23	
	26 Benzoic Acid	122	4.029	4.029	(0.966)	435559	25.0000	24	
	27 Bis(2-Chloroethoxy)methane	93	3.970	3.970	(0.952)	764045	25.0000	23	
	28 2,4 Dichlorophenol	162	4.059	4.059	(0.973)	531633	25.0000	24	
	29 1,2,4-Trichlorobenzene	180	4.135	4.135	(0.992)	578212	25.0000	23	
	30 Naphtnalene	128	4.188	4.188	(1.004)	1937309	25.0000	24	
	31 4 Chloroaniline	127	4.276	4.276	(1.025)	776576	25.0000	24	
	32 Hexachlorobutadiene	225	4.388	4.388	(1.052)	522363	25.0000	23	
	129 Caprolactam	113	4.611	4.611	(1.106)	187555	25.0000	25	
	33 4 Chloro 3 methylphenol	107	4.811	4.811	(1.154)	560408	25.0000	24	
	34 2 Methylnaphthalene	142	4.900	4.900	(1.175)	1284736	25.0000	24	
*	35 Acenaphthene-d10	164	5.994	5.994	(1.000)	947708	20.0000		
	37 Hexachlorocyclopentadiene	237	5.141	5.141	(0.858)	365414	25.0000	22	
	38 2,4,6-Trichlorophenol	196	5.235	5.235	(0.873)	385648	25.0000	23	(H)
	39 2,4,5 Trichlorophenol	196	5.276	5.276	(0.880)	423023	25.0000	23	
	136 2,2' Biphenyl	154	5.394	5.394	(0.900)	1541772	25.0000	23	
S	40 2 Fluorobiphenyl	172	5.311	5.311	(0.886)	1381769	25.0000	23	
	41 2 Chloronaphthalene	162	5.394	5.394	(0.900)	1177934	25.0000	23	
	42 2-Nitroaniline	65	5.547	5.547	(0.925)	401964	25.0000	23	
	43 Acenaphthylene	152	5.829	5.829	(0.973)	1959082	25.0000	23	
	44 Dimethylphthalate	163	5.782	5.782	(0.965)	1281332	25.0000	24	
	45 2,6-Dinitrotoluene	165	5.847	5.847	(0.975)	307308	25.0000	24	
	46 Acenaphthene	153	6.023	6.023	(1.005)	1206104	25.0000	23	
	47 3-Nitroaniline	138	5.982	5.982	(0.998)	349873	25.0000	24	
	48 2,4-Dinitrophenol	184	6.088	6.088	(1.016)	197865	25.0000	24	
	49 Dibenzofuran	168	6.194	6.194	(1.033)	1726906	25.0000	24	
	50 2,4-Dinitrotoluene	165	6.247	6.247	(1.042)	408294	25.0000	23	
	51 4-Nitrophenol	109	6.194	6.194	(1.033)	180086	25.0000	22	
	52 Fluorene	166	6.553	6.553	(1.093)	1390966	25.0000	24	
	53 4-Chlorophenyl-phenylether	204	6.564	6.564	(1.095)	673779	25.0000	24	
	54 Diethylphthalate	149	6.523	6.523	(1.088)	1281224	25.0000	23	(H)
	55 4-Nitroaniline	138	6.623	6.623	(1.105)	358061	25.0000	24	
4	56 2,4,6 Tribromophenol	330	6.829	6.829	(1.139)	213871	25.0000	25	
*	57 Phenanthrene d10	188	7.523	7.523	(1.000)	1666035	20.0000		
	58 4,6-Dinitro 2-methylphenol	198	6.670	6.670	(0.887)	239785	25.0000	23	
	59 N-Nitrosodiphenylamine (1)	169	6.700	6.700	(0.891)	972867	25.0000	22	
	61 4-Bromophenyl-phenylether	248	7.064	7.064	(0.939)	392821	25.0000	23	
	62 Hexachlorobenzene	284	7.211	7.211	(0.959)	435036	25.0000	23	
	131 Atrazine	200	7.305	7.305	(0.971)	360371	25.0000	24	
	63 Pentachlorophenol	266	7.405	7.405	(0.984)	269667	25.0000	23	
	64 Phenanthrene	178	7.547	7.547	(1.003)	1990393	25.0000	23	(H)
	65 Carbazole	167	7.776	7.776	(2.665)	1805108	25.0000	26	
	66 Anthracene	178	7.588	7.588	(1.009)	2011811	25.0000	23	
	67 Di n-butylphthalate	149	8.217	8.217	(1.092)	2177823	25.0000	22	
	68 Fluoranthene	202	8.794	8.794	(1.169)	2021706	25.0000	22	
*	70 Chrysene d12	240	10.505	10.505	(1.000)	1291357	20.0000		
	71 Pyrene	202	9.023	9.023	(0.859)	2024266	25.0000	24	
S	73 Terphenyl-d14	244	9.211	9.211	(0.877)	1366182	25.0000	24	
	74 Butylbenzylphthalate	149	9.823	9.823	(0.935)	788356	25.0000	22	
	75 3,3'-Dichlorobenzidine	252	10.482	10.482	(0.998)	547731	25.0000	22	
	76 Benzo(a)anthracene	228	10.482	10.482	(0.998)	1538169	25.0000	23	(H)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	
77 Chrysene	228	10.540	10.540	(1.003)	1460808	25.0000	22	
78 Bis(2-Ethylhexyl)phthalate	149	10.670	10.670	(1.015)	1043154	25.0000	21	
79 Perylene-d12	264	12.970	12.970	(1.000)	906459	20.0000		
80 Di-n-octylphthalate	149	11.693	11.693	(0.902)	1537278	25.0000	22	
81 Benzo(b)fluoranthene	252	12.264	12.264	(0.946)	1161349	25.0000	22	(H)
82 Benzo(k)fluoranthene	252	12.305	12.305	(0.949)	1300479	25.0000	23	
83 Benzo(a)pyrene	252	12.858	12.858	(0.991)	1085601	25.0000	23	
84 Indeno(1,2,3-cd)pyrene	276	15.128	15.128	(1.166)	1033305	25.0000	22	(H)
85 Dibenz(a,h)anthracene	278	15.187	15.187	(1.171)	1031371	25.0000	21	
86 Benzo(g,h,i)perylene	276	15.658	15.658	(1.207)	1117078	25.0000	21	

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Z6967.D

Page 1

Date : 24-AUG-2006 13:23

Client ID: SSTD50A3

Instrument: msz.i

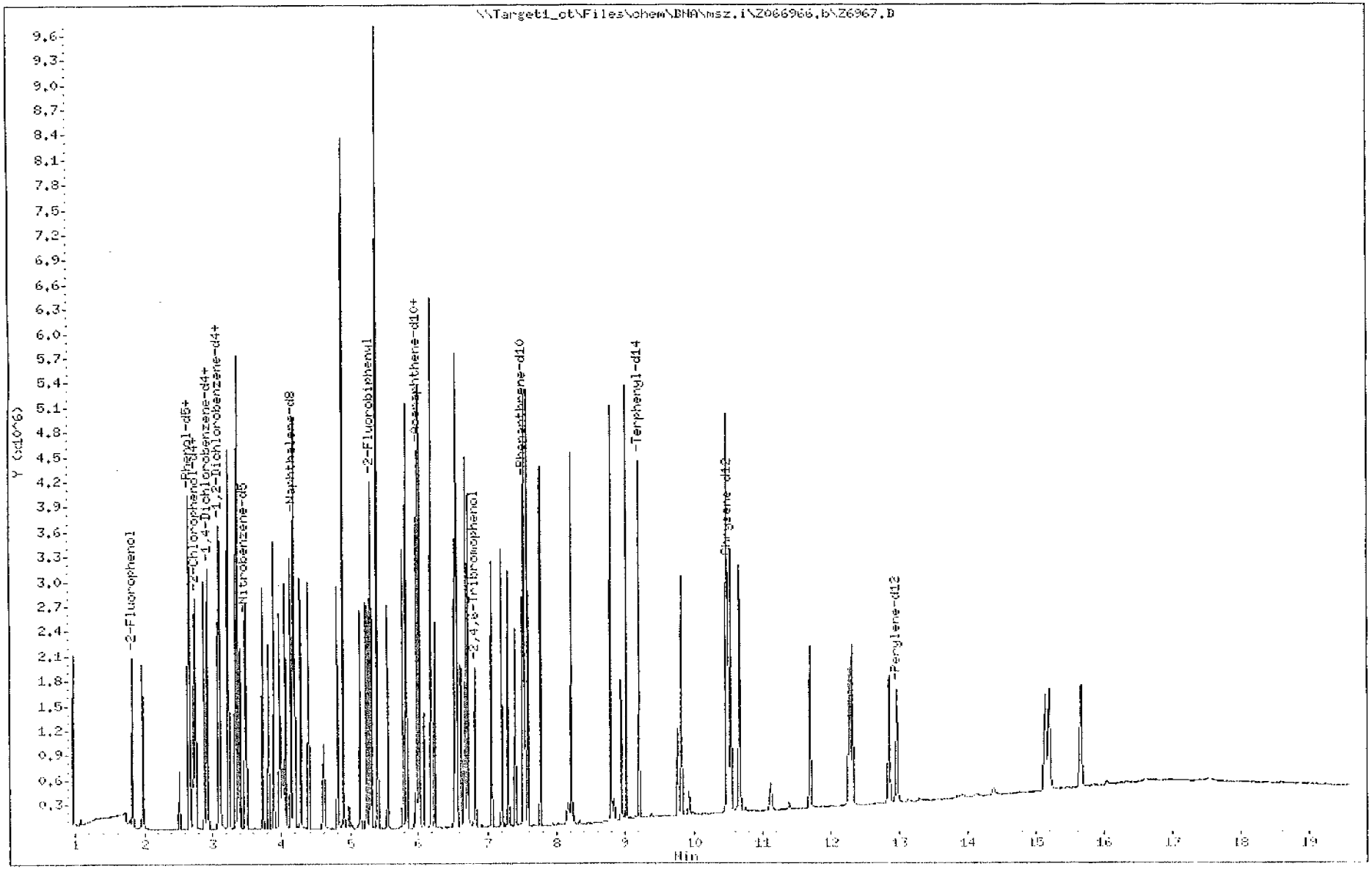
Sample Info: SSTD50A3

Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25



Data File: \\Target1_bt\Files\chem\BNA\msz.i\Z066307.b\Zs6907.D

Date : 22-AUG-2006 13:19

Client ID: DFTPP02

Instrument: msz.i

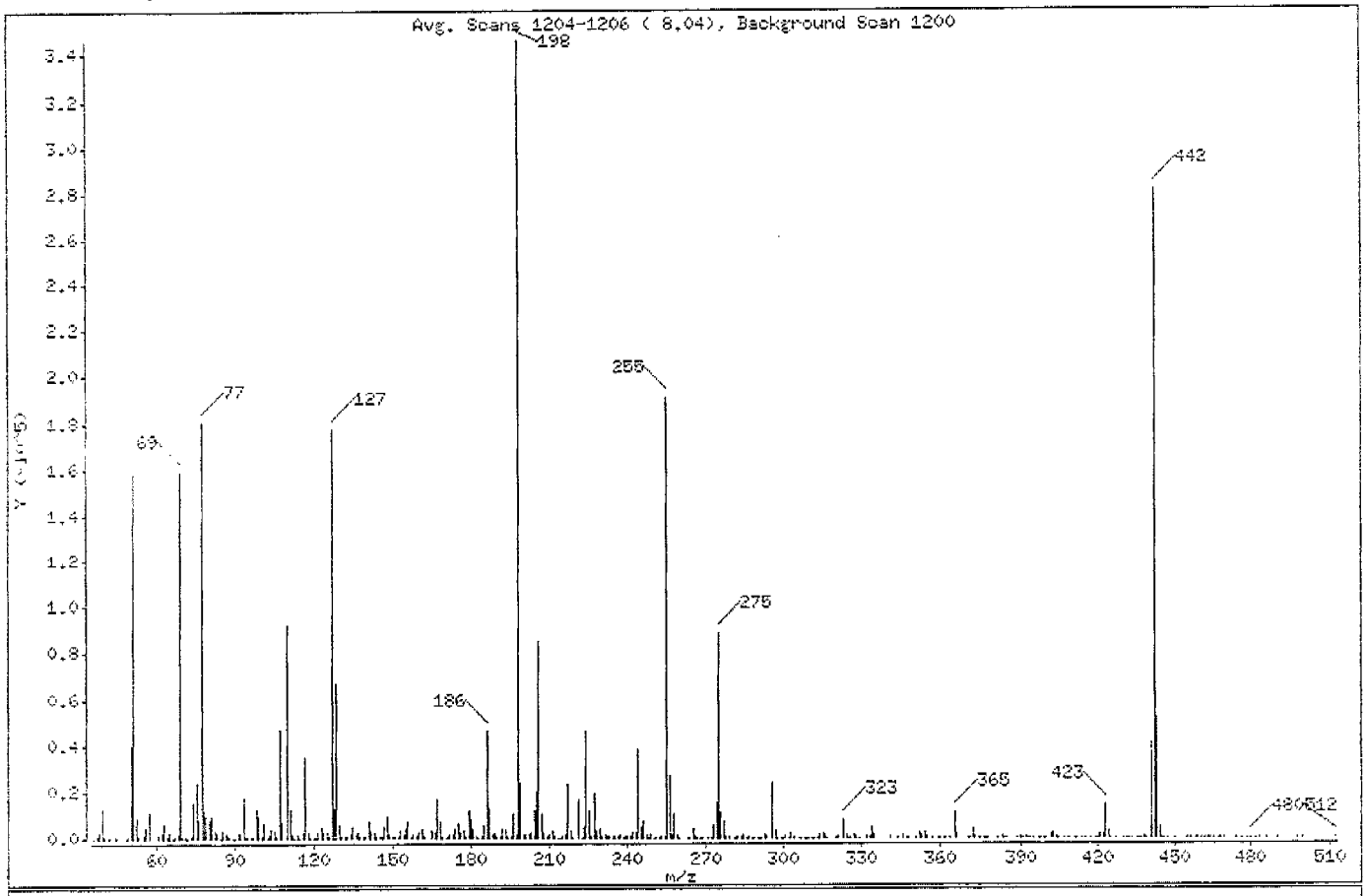
Sample Info: DFTPP25

Operator: smith

Column phase:

Column diameter: 2.00

1 dftpp-nys



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	45.73
68	Less than 2.00% of mass 69	0.48 (1.05)
69	Less than 100.00% of mass 198	45.97
70	Less than 2.00% of mass 69	0.20 (0.44)
127	40.00 - 60.00% of mass 198	51.35
197	Less than 1.00% of mass 198	0.51
199	5.00 - 9.00% of mass 198	6.81
275	10.00 - 30.00% of mass 198	25.63
365	1.00 - 100.00% of mass 198	3.15
441	Present, but less than mass 443	11.72
442	40.00 - 110.00% of mass 198	81.48
443	17.00 - 23.00% of mass 442	14.99 (18.40)

Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066907.b\Zs6907.D

Date : 22-AUG-2006 13:18

Client ID: DFTPP02

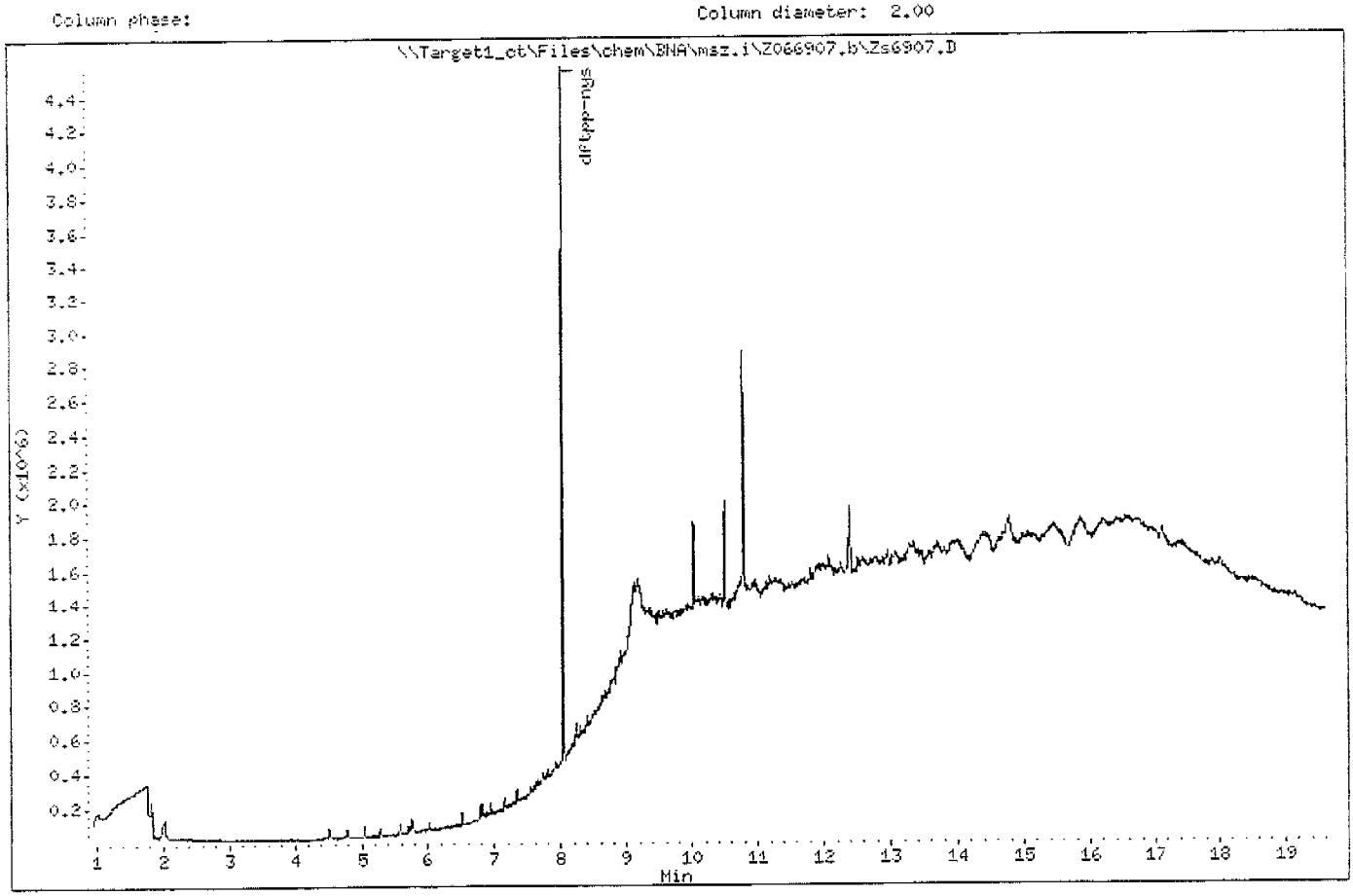
Instrument: msz.i

Sample Info: DFTPP25

Operator: smith

Column phase:

Column diameter: 2.00



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066907.b\Zs6907.D

Date : 22-AUG-2006 13:18

Client ID: DFTPP02

Instrument: msz.i

Sample Info: DFTPP25

Operator: smith

Column phase:

Column diameter: 2.00

Data File: Zs6907.D

Spectrum: Avg. Scans 1204-1206 (8.04), Background Scan 1200

Location of Maximum: 198.00

Number of points: 380

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	146	140.00	614	239.00	916	357.00	178
37.00	824	141.00	7216	240.00	833	359.00	308
38.00	2159	142.00	2913	241.00	1126	360.00	33
39.00	12672	143.00	2149	242.00	2654	361.00	331
40.00	430	144.00	792	243.00	2462	362.00	171
41.00	213	145.00	758	244.00	37904	363.00	190
42.00	532	146.00	962	245.00	4897	365.00	10884
44.00	454	147.00	4443	246.00	7035	366.00	1402
45.00	276	148.00	9214	247.00	1764	370.00	39
48.00	149	149.00	1534	248.00	253	371.00	172
49.00	802	150.00	921	249.00	1747	372.00	3710
50.00	40128	151.00	1172	250.00	352	373.00	725
51.00	158144	152.00	926	251.00	241	374.00	135
52.00	8409	153.00	2817	252.00	270	375.00	75
53.00	401	154.00	1834	253.00	733	376.00	303
55.00	1565	155.00	4316	254.00	404	377.00	171
56.00	5012	156.00	6954	255.00	190976	378.00	29
57.00	11138	157.00	1055	256.00	26696	381.00	21
61.00	1717	158.00	1575	257.00	1895	383.00	957
62.00	2227	159.00	1060	258.00	10277	384.00	157
63.00	6146	160.00	2365	259.00	1771	385.00	240
64.00	1092	161.00	3900	260.00	390	389.00	101
65.00	2671	162.00	914	263.00	195	390.00	640
66.00	132	165.00	3269	264.00	225	391.00	281
67.00	656	166.00	1994	265.00	4212	392.00	399
68.00	1677	167.00	16640	266.00	826	393.00	32
69.00	158976	168.00	6925	267.00	371	394.00	31
70.00	693	169.00	1071	268.00	113	395.00	114
71.00	678	170.00	346	269.00	54	397.00	45
72.00	26	171.00	1158	271.00	225	398.00	70
73.00	1188	172.00	1357	272.00	387	399.00	38
74.00	14991	173.00	1691	273.00	5452	400.00	137
75.00	24072	174.00	3710	274.00	15320	402.00	1500
76.00	8168	175.00	6032	275.00	88640	403.00	2109
77.00	180160	176.00	2039	276.00	10802	404.00	957

Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066907.b\Zs6907.D

Date : 22-AUG-2006 13:18

Client ID: DFTPP02

Instrument: msz.i

Sample Info: DFTPP25

Operator: smith

Column phase:

Column diameter: 2.00

Data File: Zs6907.D

Spectrum: Avg. Scans 1204-1206 (8.04), Background Scan 1200

Location of Maximum: 198.00

Number of points: 380

m/z	Y	m/z	Y	m/z	Y	m/z	Y
78.00	11808	177.00	2900	277.00	7100	405.00	89
79.00	9715	178.00	464	278.00	870	407.00	51
80.00	8233	179.00	11792	279.00	524	408.00	47
81.00	9688	180.00	8315	281.00	178	409.00	204
82.00	3071	181.00	3892	282.00	408	411.00	64
83.00	2524	182.00	1024	283.00	728	412.00	107
84.00	244	183.00	373	284.00	759	414.00	177
85.00	2789	184.00	998	285.00	1577	415.00	30
86.00	2718	185.00	5197	286.00	233	417.00	193
87.00	1653	186.00	45808	287.00	398	419.00	68
88.00	747	187.00	12778	288.00	74	420.00	103
89.00	347	188.00	1280	289.00	380	421.00	1921
90.00	100	189.00	2681	290.00	75	422.00	1550
91.00	2054	190.00	742	291.00	122	423.00	14601
92.00	2677	191.00	1021	292.00	157	424.00	2784
93.00	17512	192.00	3762	293.00	1450	425.00	388
94.00	877	193.00	4339	294.00	751	427.00	136
95.00	599	194.00	791	296.00	24240	430.00	171
96.00	489	195.00	454	297.00	2989	431.00	32
97.00	1086	196.00	10099	298.00	311	432.00	121
98.00	12469	197.00	1756	299.00	33	433.00	144
99.00	9744	198.00	345856	300.00	93	435.00	145
100.00	911	199.00	23568	301.00	433	436.00	46
101.00	6423	200.00	1625	302.00	53	437.00	178
102.00	281	201.00	1927	303.00	2452	438.00	436
103.00	1830	202.00	1707	304.00	799	439.00	5
104.00	3803	203.00	2674	306.00	62	441.00	40520
105.00	3163	204.00	11808	307.00	28	442.00	281792
106.00	1101	205.00	20080	308.00	370	443.00	51848
107.00	47232	206.00	84936	309.00	48	444.00	4724
108.00	7464	207.00	10484	310.00	119	445.00	342
110.00	92136	208.00	2054	311.00	163	446.00	276
111.00	12559	209.00	1060	312.00	136	447.00	61
112.00	1750	210.00	1656	313.00	232	450.00	121
113.00	363	211.00	3503	314.00	1268	455.00	108

Data File: \\Target1_ot\Files\chem\BNA\msz.i\Z066907.b\Zs6907.D

Date : 22-AUG-2006 13:18

Client ID: DFTPP02

Instrument: msz.i

Sample Info: DFTPP25

Operator: smith

Column phase:

Column diameter: 2.00

Data File: Zs6907.D

Spectrum: Avg. Scans 1204-1206 (8.04), Background Scan 1200

Location of Maximum: 198.00

Number of points: 380

m/z	Y	m/z	Y	m/z	Y	m/z	Y
114.00	1806	212.00	452	315.00	2501	456.00	225
115.00	46	213.00	107	316.00	1516	458.00	22
116.00	2368	214.00	192	317.00	196	459.00	67
117.00	34968	215.00	942	320.00	56	460.00	174
118.00	2612	216.00	1207	321.00	634	462.00	226
119.00	27	217.00	22680	323.00	7725	463.00	57
120.00	338	218.00	3023	324.00	1435	464.00	81
121.00	65	219.00	318	325.00	160	465.00	53
122.00	2782	221.00	16800	326.00	142	467.00	65
123.00	5143	222.00	165	327.00	1342	468.00	140
124.00	2242	223.00	4688	328.00	644	469.00	69
125.00	2089	224.00	46144	329.00	225	474.00	42
126.00	502	225.00	11647	332.00	493	476.00	53
127.00	177600	226.00	654	333.00	600	478.00	68
128.00	12866	227.00	19016	334.00	4636	480.00	157
129.00	66600	228.00	2784	335.00	1400	482.00	88
130.00	5816	229.00	4143	341.00	665	483.00	130
131.00	803	230.00	525	344.00	34	486.00	55
132.00	584	231.00	1750	346.00	1769	490.00	51
133.00	1056	232.00	411	347.00	294	498.00	70
134.00	1385	233.00	491	348.00	136	500.00	51
135.00	4487	234.00	972	351.00	104	512.00	56
136.00	1343	235.00	962	352.00	2090		
137.00	2263	236.00	939	353.00	1581		
138.00	985	237.00	1534	354.00	2481		
139.00	547	238.00	111	355.00	514		

Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066937.b\Zs6937.D

Date : 23-AUG-2006 14:10

Client ID: DFTPP50

Instrument: msz.i

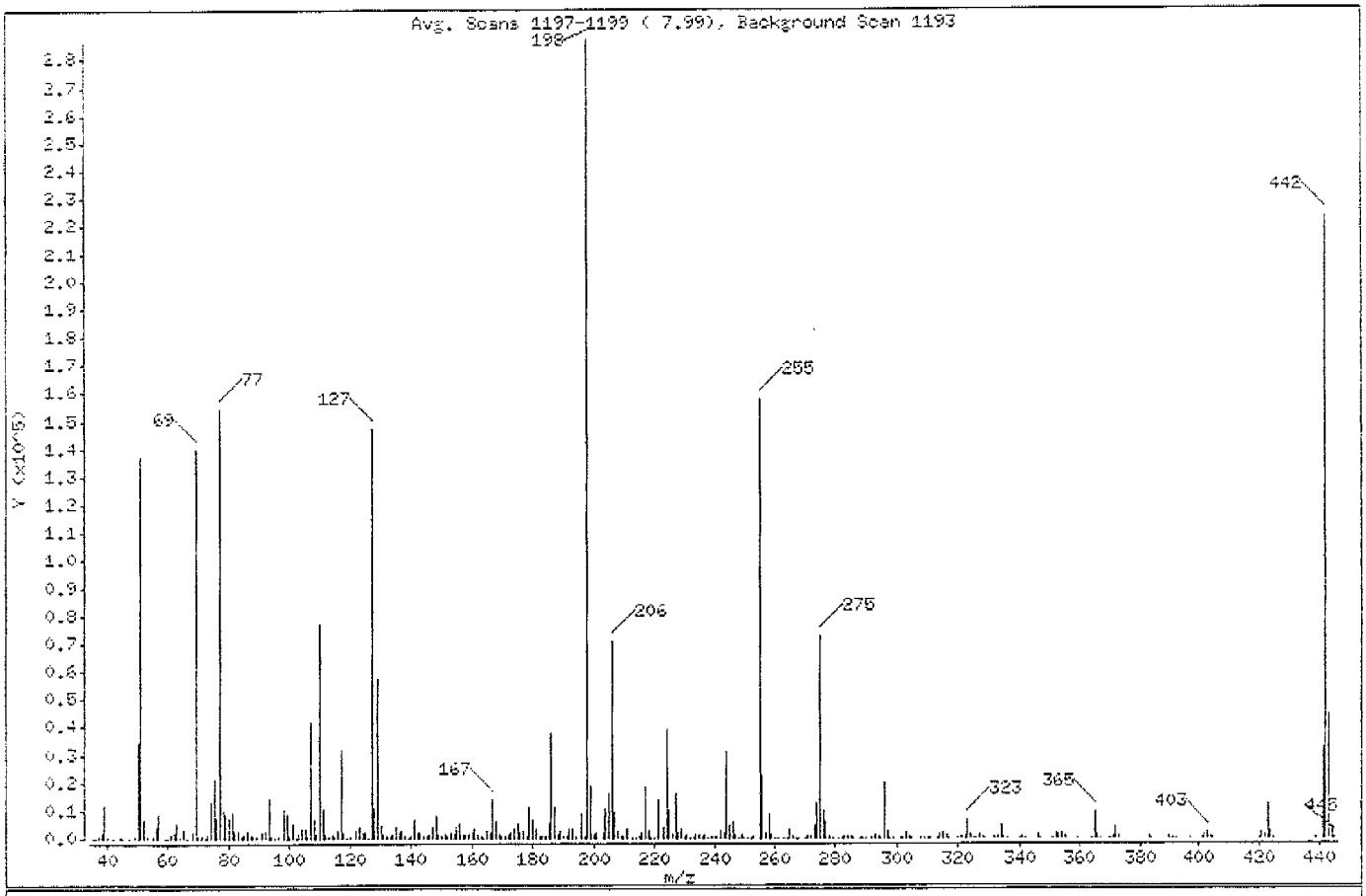
Sample Info: DFTPP50

Operator: m.eastman

Column phase:

Column diameter: 2.00

1 dftpp-nys



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	47.88
68	Less than 2.00% of mass 69	0.76 (1.57)
69	Less than 100.00% of mass 198	48.73
70	Less than 2.00% of mass 69	0.26 (0.54)
127	40.00 - 60.00% of mass 198	51.27
197	Less than 1.00% of mass 198	0.34
199	5.00 - 9.00% of mass 198	6.47
275	10.00 - 30.00% of mass 198	25.28
365	1.00 - 100.00% of mass 198	3.18
441	Present, but less than mass 443	11.37
442	40.00 - 110.00% of mass 198	77.98
443	17.00 - 23.00% of mass 442	15.32 (19.65)

Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066937.b\Zs6937.D

Date : 23-AUG-2006 14:10

Client ID: DFTPP50

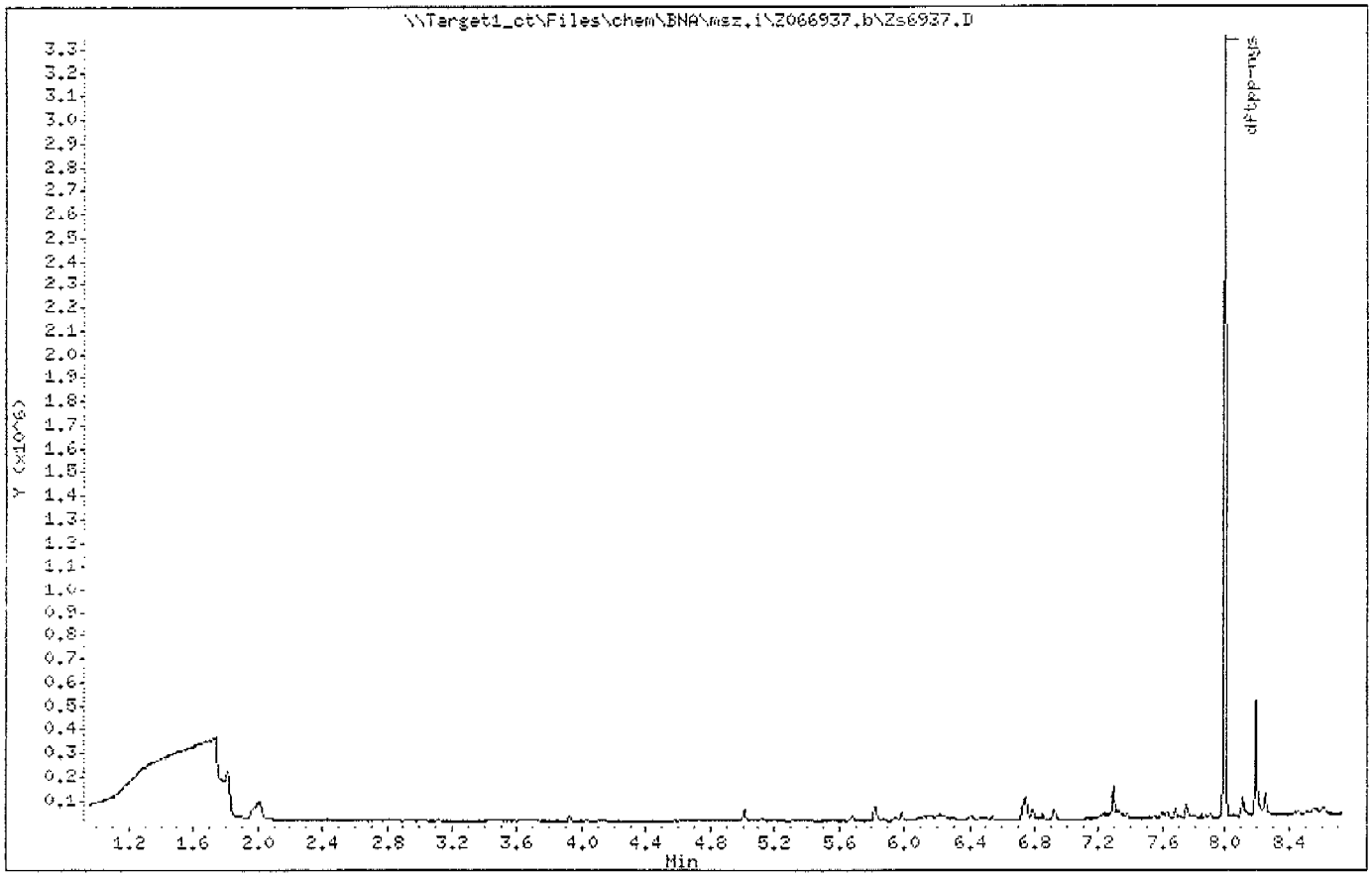
Instrument: msz.i

Sample Info: DFTPP50

Operator: m.eastman

Column phase:

Column diameter: 2.00



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066937.b\Zs6937.D

Date : 23-AUG-2006 14:10

Client ID: DFTPP50 Instrument: msz.i

Sample Info: DFTPP50

Operator: m.eastman

Column phase: Column diameter: 2.00

Data File: Zs6937.D

Spectrum: Avg. Scans 1197-1199 (7.99), Background Scan 1193

Location of Maximum: 198.00

Number of points: 316

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	54	125.00	1912	207.00	9396	295.00	268
36.00	97	126.00	292	208.00	2450	296.00	19528
37.00	765	127.00	147072	209.00	713	297.00	2700
38.00	1818	128.00	10673	210.00	793	298.00	55
39.00	11605	129.00	57128	211.00	3585	299.00	139
40.00	518	130.00	4895	213.00	223	301.00	195
42.00	61	131.00	1003	214.00	67	302.00	301
44.00	387	132.00	544	215.00	910	303.00	2256
45.00	318	133.00	514	216.00	1711	304.00	681
47.00	98	134.00	1474	217.00	18688	305.00	72
49.00	816	135.00	4174	218.00	2634	308.00	249
50.00	34064	136.00	1772	219.00	272	309.00	148
51.00	137344	137.00	2539	220.00	241	310.00	265
52.00	6806	138.00	784	221.00	13629	311.00	54
53.00	409	139.00	304	223.00	4064	313.00	173
55.00	796	140.00	648	224.00	39072	314.00	1010
56.00	4084	141.00	6805	225.00	9645	315.00	2132
57.00	8734	142.00	1973	226.00	1057	316.00	1128
59.00	89	143.00	1710	227.00	16104	317.00	229
60.00	33	144.00	543	228.00	2249	320.00	56
61.00	1515	145.00	505	229.00	3262	321.00	582
62.00	1984	146.00	1258	230.00	528	322.00	309
63.00	5421	147.00	3790	231.00	1416	323.00	6427
64.00	683	148.00	7985	232.00	200	324.00	1324
65.00	3092	149.00	1473	233.00	234	325.00	145
66.00	119	150.00	449	234.00	1041	326.00	136
68.00	2190	151.00	1605	235.00	1258	327.00	1236
69.00	139776	152.00	723	236.00	730	328.00	719
70.00	753	153.00	2194	237.00	1200	329.00	180
71.00	406	154.00	1623	238.00	168	332.00	518
72.00	310	155.00	3975	239.00	674	333.00	719
73.00	1016	156.00	5322	240.00	602	334.00	4830
74.00	13071	157.00	1407	241.00	951	335.00	855
75.00	21384	158.00	1304	242.00	2445	336.00	55
76.00	7138	159.00	1130	243.00	2306	340.00	65

Data File: \\Target1_ot\Files\chem\BNA\msz.i\Z066937.b\Zs6937.D

Date : 23-AUG-2006 14:10

Client ID: DFTPP50

Instrument: msz.i

Sample Info: DFTPP50

Operator: m.eastman

Column phase:

Column diameter: 2.00

Data File: Zs6937.D
Spectrum: Avg. Scans 1197-1199 (7.99), Background Scan 1193
Location of Maximum: 198.00
Number of points: 316

m/z	Y	m/z	Y	m/z	Y	m/z	Y
77.00	154048	160.00	2017	244.00	31224	341.00	783
78.00	9908	161.00	3342	245.00	4289	342.00	222
79.00	8890	162.00	1056	246.00	6199	346.00	1467
80.00	6987	163.00	490	247.00	1357	347.00	270
81.00	9289	164.00	311	248.00	308	351.00	58
82.00	2710	165.00	2426	249.00	1174	352.00	2083
83.00	2308	166.00	2150	250.00	244	353.00	1386
84.00	701	167.00	13758	251.00	246	354.00	2179
85.00	1468	168.00	6075	252.00	265	355.00	362
86.00	2353	169.00	1053	253.00	695	359.00	231
87.00	1152	170.00	586	255.00	157312	364.00	54
88.00	664	171.00	766	256.00	22392	365.00	9126
89.00	352	172.00	1286	257.00	1841	366.00	1366
91.00	2075	173.00	1669	258.00	8576	367.00	67
92.00	2356	174.00	3079	259.00	1524	370.00	253
93.00	14738	175.00	5281	260.00	169	371.00	475
94.00	906	176.00	1871	261.00	323	372.00	3937
95.00	290	177.00	2435	263.00	52	373.00	891
96.00	483	178.00	665	264.00	97	383.00	868
98.00	10772	179.00	10950	265.00	3562	384.00	303
99.00	8768	180.00	6510	266.00	634	390.00	552
100.00	843	181.00	3398	267.00	58	391.00	235
101.00	5558	182.00	632	268.00	50	392.00	169
102.00	150	183.00	467	270.00	111	397.00	57
103.00	1641	184.00	840	271.00	496	401.00	183
104.00	3430	185.00	5271	272.00	427	402.00	1314
105.00	3065	186.00	37824	273.00	4826	403.00	2048
106.00	835	187.00	10922	274.00	12394	404.00	611
107.00	41288	188.00	1003	275.00	72520	405.00	68
108.00	6417	189.00	2360	276.00	9625	420.00	56
109.00	1390	190.00	444	277.00	5833	421.00	1836
110.00	76832	191.00	820	278.00	944	422.00	1470
111.00	10752	192.00	3193	279.00	220	423.00	11900
112.00	1607	193.00	3597	281.00	133	424.00	2432
113.00	413	194.00	857	282.00	142	425.00	179

Data File: \\Target1_ot\Files\chem\BNA\msz.i\Z066937.b\Zs6937.D

Date : 23-AUG-2006 14:10

Client ID: DFTPP50

Instrument: msz.i

Sample Info: DFTPP50

Operator: m.eastman

Column phase:

Column diameter: 2.00

Data File: Zs6937.D

Spectrum: Avg. Scans 1197-1199 (7.99), Background Scan 1193

Location of Maximum: 198.00

Number of points: 316

m/z	Y	m/z	Y	m/z	Y	m/z	Y
114.00	1144	196.00	8530	283.00	679	439.00	63
115.00	448	197.00	988	284.00	419	441.00	32624
116.00	2395	198.00	286848	285.00	972	442.00	223680
117.00	31424	199.00	18560	286.00	187	443.00	43952
118.00	2212	200.00	1533	288.00	58	444.00	3977
119.00	172	201.00	2221	289.00	312	445.00	266
120.00	628	203.00	1922	290.00	147		
122.00	2728	204.00	10286	292.00	282		
123.00	3987	205.00	16114	293.00	1238		
124.00	1910	206.00	70672	294.00	409		

Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Zs6966.D

Date : 24-AUG-2006 13:08

Client ID: DFTPP50

Instrument: msz.i

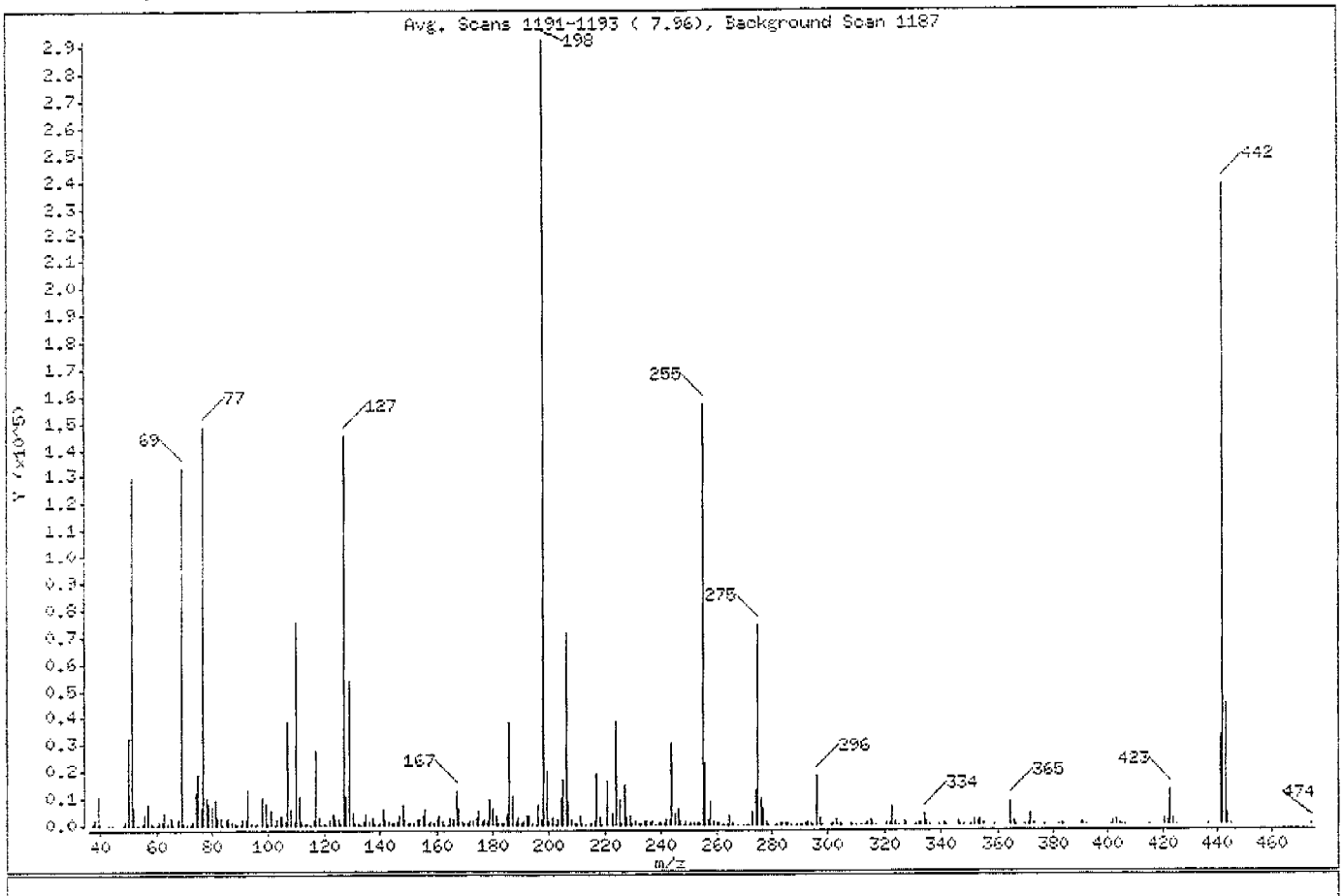
Sample Info: DFTPP50

Operator: m.eastman

Column phase:

Column diameter: 2.00

1 dftpp-nys



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	44.47
68	Less than 2.00% of mass 69	0.61 (1.33)
69	Less than 100.00% of mass 198	45.59
70	Less than 2.00% of mass 69	0.21 (0.47)
127	40.00 - 60.00% of mass 198	49.70
197	Less than 1.00% of mass 198	0.66
199	5.00 - 9.00% of mass 198	6.86
275	10.00 - 30.00% of mass 198	25.19
365	1.00 - 100.00% of mass 198	2.92
441	Present, but less than mass 443	11.30
442	40.00 - 110.00% of mass 198	81.47
443	17.00 - 23.00% of mass 442	15.09 (18.53)

Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Zs6966.D

Date : 24-AUG-2006 13:08

Client ID: DFTPP50

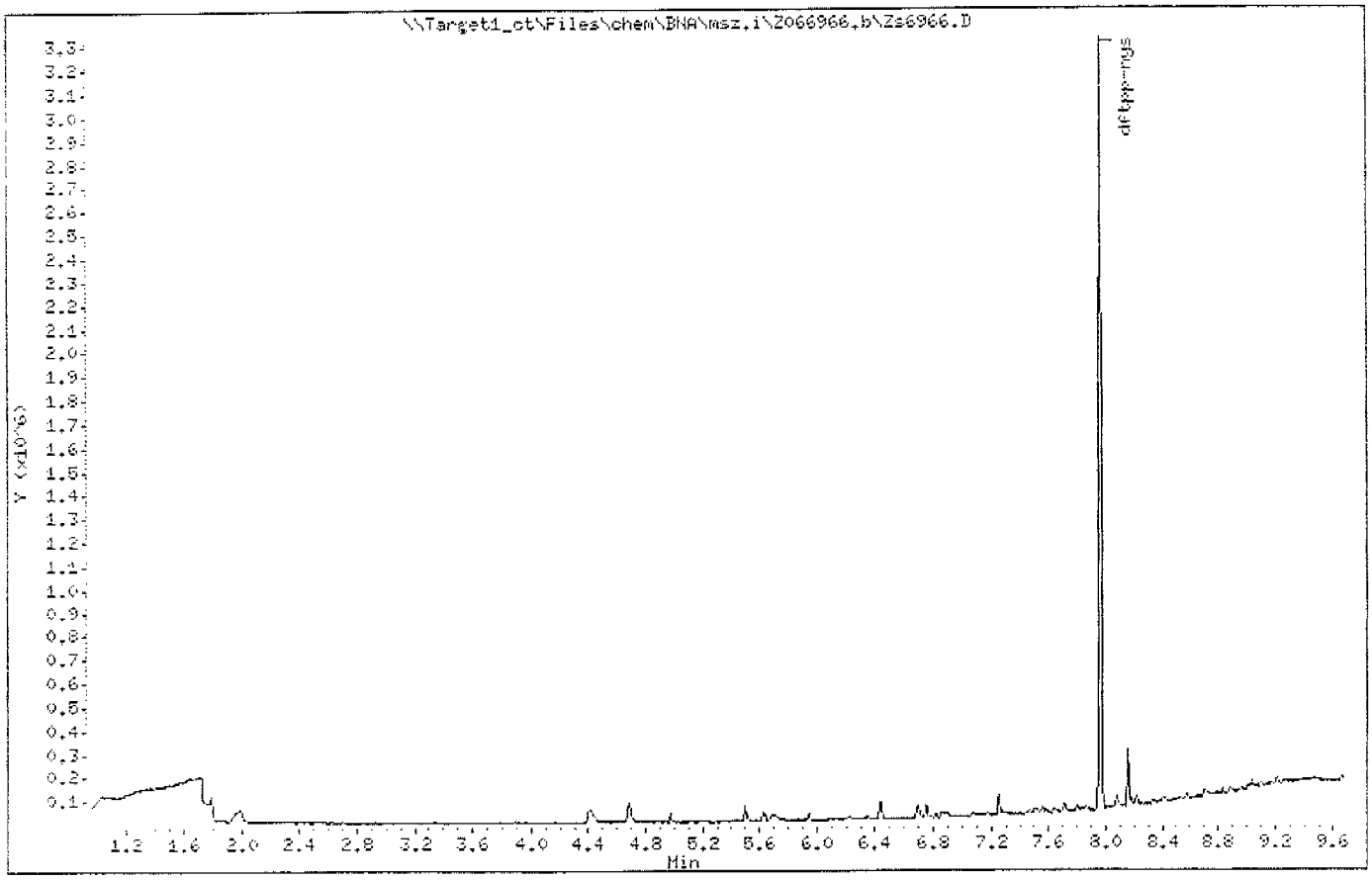
Instrument: msz.i

Sample Info: DFTPP50

Operator: m.eastman

Column phase:

Column diameter: 2.00



Data File: \\Target1_ot\Files\chem\BNA\msz.i\Z066966.b\Zs6966.D

Date : 24-AUG-2006 13:08

Client ID: DFTPP50

Instrument: msz.i

Sample Info: DFTPP50

Operator: m.eastman

Column phase:

Column diameter: 2.00

Data File: Zs6966.D

Spectrum: Avg. Scans 1191-1193 (7.96), Background Scan 1187

Location of Maximum: 198.00

Number of points: 320

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	656	125.00	1851	206.00	71080	294.00	382
38.00	1822	126.00	574	207.00	8429	295.00	172
39.00	10476	127.00	145216	208.00	2261	296.00	18056
40.00	491	128.00	10823	209.00	781	297.00	2649
43.00	72	129.00	53656	210.00	874	298.00	317
44.00	293	130.00	4646	211.00	3226	301.00	212
48.00	51	131.00	786	212.00	374	302.00	523
49.00	1051	132.00	473	213.00	319	303.00	2253
50.00	32216	133.00	267	215.00	684	304.00	615
51.00	129928	134.00	1367	216.00	1494	305.00	206
52.00	6634	135.00	3984	217.00	18640	308.00	366
53.00	171	136.00	1596	218.00	2441	309.00	236
54.00	86	137.00	2374	219.00	201	310.00	260
55.00	618	138.00	401	221.00	15946	312.00	123
56.00	4066	139.00	290	223.00	3934	313.00	180
57.00	8376	140.00	597	224.00	38344	314.00	908
58.00	349	141.00	6296	225.00	9504	315.00	1966
59.00	232	142.00	2241	226.00	456	316.00	1154
60.00	168	143.00	1437	227.00	15032	317.00	274
61.00	1669	144.00	475	228.00	2378	321.00	756
62.00	1421	145.00	389	229.00	3553	322.00	416
63.00	4985	146.00	1494	230.00	391	323.00	6744
64.00	797	147.00	3207	231.00	1560	324.00	1184
65.00	2639	148.00	7378	232.00	357	325.00	215
66.00	6	149.00	1920	233.00	483	327.00	1325
68.00	1776	150.00	394	234.00	1105	328.00	543
69.00	133184	151.00	880	235.00	1198	331.00	54
70.00	621	152.00	895	236.00	919	332.00	558
71.00	100	153.00	1975	237.00	1182	333.00	594
72.00	54	154.00	1761	238.00	249	334.00	4199
73.00	1056	155.00	3374	239.00	576	335.00	1068
74.00	12284	156.00	6154	240.00	458	336.00	143
75.00	19120	157.00	968	241.00	868	339.00	98
76.00	6906	158.00	1313	242.00	2144	341.00	764
77.00	148672	159.00	802	243.00	2304	342.00	276

Data File: \\Target1_ot\Files\chem\BNA\msz.i\Z066966.b\Zs6966.D

Date : 24-AUG-2006 13:08

Client ID: DFTPP50

Instrument: msz.i

Sample Info: DFTPP50

Operator: m.eastman

Column phase:

Column diameter: 2.00

Data File: Zs6966.D
Spectrum: Avg. Scans 1191-1193 (7.96), Background Scan 1187
Location of Maximum: 198.00
Number of points: 320

m/z	Y	m/z	Y	m/z	Y	m/z	Y
78.00	10068	160.00	1956	244.00	30464	346.00	1567
79.00	7816	161.00	3088	245.00	4005	347.00	264
80.00	6523	162.00	1018	246.00	5745	348.00	56
81.00	9593	163.00	150	247.00	1118	351.00	84
82.00	2505	164.00	188	248.00	248	352.00	2012
83.00	2664	165.00	2484	249.00	1221	353.00	1429
84.00	122	166.00	1965	250.00	247	354.00	2087
85.00	2006	167.00	12600	251.00	373	355.00	360
86.00	2655	168.00	5791	252.00	341	359.00	166
87.00	1452	169.00	1161	253.00	846	365.00	8542
88.00	724	170.00	594	254.00	507	366.00	1185
89.00	239	171.00	529	255.00	156288	367.00	51
90.00	56	172.00	1013	256.00	22928	370.00	238
91.00	1838	173.00	1372	257.00	1825	371.00	598
92.00	2228	174.00	2677	258.00	8842	372.00	3706
93.00	13615	175.00	5357	259.00	1565	373.00	911
94.00	747	176.00	1608	260.00	437	377.00	57
95.00	272	177.00	2198	261.00	395	382.00	55
96.00	550	178.00	1061	262.00	124	383.00	919
98.00	10121	179.00	9326	263.00	11	384.00	212
99.00	8123	180.00	6244	264.00	139	390.00	645
100.00	874	181.00	3220	265.00	3521	391.00	356
101.00	5252	182.00	650	266.00	638	392.00	317
102.00	198	183.00	392	268.00	174	401.00	238
103.00	1779	184.00	812	270.00	273	402.00	1470
104.00	3476	185.00	3950	271.00	295	403.00	2208
105.00	3312	186.00	38384	272.00	293	404.00	761
106.00	1122	187.00	10701	273.00	4845	405.00	165
107.00	38432	188.00	1109	274.00	13089	406.00	57
108.00	5991	189.00	2688	275.00	73608	415.00	82
109.00	1013	190.00	499	276.00	9769	421.00	1753
110.00	74992	191.00	1075	277.00	5849	422.00	1576
111.00	11061	192.00	3168	278.00	1025	423.00	12517
112.00	1425	193.00	3620	279.00	294	424.00	2214
113.00	448	194.00	831	281.00	149	425.00	257

Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066966.b\Zs6966.D

Date : 24-AUG-2006 13:08

Client ID: DFTPP50

Instrument: msz.i

Sample Info: DFTPP50

Operator: m.eastman

Column phase:

Column diameter: 2.00

Data File: Zs6966.D

Spectrum: Avg. Scans 1191-1193 (7.96), Background Scan 1187

Location of Maximum: 198.00

Number of points: 320

m/z	Y	m/z	Y	m/z	Y	m/z	Y
114.00	700	195.00	272	282.00	311	437.00	143
115.00	335	196.00	7693	283.00	758	441.00	33024
116.00	1902	197.00	1937	284.00	447	442.00	238016
117.00	27456	198.00	292160	285.00	942	443.00	44096
118.00	2427	199.00	20040	286.00	375	444.00	4313
119.00	194	200.00	1631	287.00	63	445.00	271
120.00	369	201.00	2446	289.00	311	474.00	51
121.00	73	202.00	298	290.00	181		
122.00	2279	203.00	1822	291.00	265		
123.00	4013	204.00	10171	292.00	350		
124.00	1737	205.00	16488	293.00	1225		

QUALITY CONTROL RESULTS

Job Number.: 213443 Report Date.: 08/28/2006

CUSTOMER: ERM PROJECT: RAECO PRODUCTS ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		70223 -001		08/23/2006	1525

Test Method.....: OLM04.2 Equipment Code....: MSZ Analyst...: jdw
Method Description.: CLP BNA Extractable Organics Batch.....: 70505

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Phenol, Solid	ug/Kg	33.00	U							
Bis(2-chloroethyl)ether, Solid	ug/Kg	33.00	U							
2-Chlorophenol, Solid	ug/Kg	33.00	U							
2-Methylphenol, Solid	ug/Kg	33.00	U							
2,2-oxybis (1-chloropropane), Solid	ug/Kg	33.00	U							
4-Methylphenol, Solid	ug/Kg	33.00	U							
n-Nitroso-di-n-propylamine, Solid	ug/Kg	33.00	U							
Hexachloroethane, Solid	ug/Kg	33.00	U							
Nitrobenzene, Solid	ug/Kg	33.00	U							
Isophorone, Solid	ug/Kg	33.00	U							
2-Nitrophenol, Solid	ug/Kg	33.00	U							
2,4-Dimethylphenol, Solid	ug/Kg	33.00	U							
Bis(2-chloroethoxy)methane, Solid	ug/Kg	33.00	U							
2,4-Dichlorophenol, Solid	ug/Kg	33.00	U							
Naphthalene, Solid	ug/Kg	33.00	U							
4-Chloroaniline, Solid	ug/Kg	33.00	U							
Hexachlorobutadiene, Solid	ug/Kg	33.00	U							
4-Chloro-3-methylphenol, Solid	ug/Kg	33.00	U							
2-Methylnaphthalene, Solid	ug/Kg	33.00	U							
Hexachlorocyclopentadiene, Solid	ug/Kg	33.00	U							
2,4,6-Trichlorophenol, Solid	ug/Kg	33.00	U							
2,4,5-Trichlorophenol, Solid	ug/Kg	83.00	U							
2-Chloronaphthalene, Solid	ug/Kg	33.00	U							
2-Nitroaniline, Solid	ug/Kg	83.00	U							
Dimethyl phthalate, Solid	ug/Kg	33.00	U							
Acenaphthylene, Solid	ug/Kg	33.00	U							
2,6-Dinitrotoluene, Solid	ug/Kg	33.00	U							
3-Nitroaniline, Solid	ug/Kg	83.00	U							
Acenaphthene, Solid	ug/Kg	33.00	U							
2,4-Dinitrophenol, Solid	ug/Kg	83.00	U							
4-Nitrophenol, Solid	ug/Kg	83.00	U							
Dibenzofuran, Solid	ug/Kg	33.00	U							
2,4-Dinitrotoluene, Solid	ug/Kg	33.00	U							
Diethyl phthalate, Solid	ug/Kg	33.00	U							
4-Chlorophenyl phenyl ether, Solid	ug/Kg	33.00	U							
Fluorene, Solid	ug/Kg	33.00	U							
4-Nitroaniline, Solid	ug/Kg	83.00	U							
4,6-Dinitro-2-methylphenol, Solid	ug/Kg	83.00	U							
n-Nitrosodiphenylamine, Solid	ug/Kg	33.00	U							
4-Bromophenyl phenyl ether, Solid	ug/Kg	33.00	U							
Hexachlorobenzene, Solid	ug/Kg	33.00	U							
Pentachlorophenol, Solid	ug/Kg	83.00	U							
Phenanthrene, Solid	ug/Kg	33.00	U							
Anthracene, Solid	ug/Kg	33.00	U							
Carbazole, Solid	ug/Kg	33.00	U							
Di-n-butyl phthalate, Solid	ug/Kg	33.00	U							
Fluoranthene, Solid	ug/Kg	33.00	U							
Pyrene, Solid	ug/Kg	33.00	U							
Butyl benzyl phthalate, Solid	ug/Kg	33.00	U							
3,3-Dichlorobenzidine, Solid	ug/Kg	33.00	U							

QUALITY CONTROL RESULTS

Job Number.: 213443

Report Date.: 08/28/2006

CUSTOMER: ERM

PROJECT: RAECO PRODUCTS

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		70223 -001		08/23/2006	1525

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Benzo(a)anthracene, Solid	ug/Kg	33.00	U							
Chrysene, Solid	ug/Kg	33.00	U							
Bis(2-ethylhexyl)phthalate, Solid	ug/Kg	99.60	J							B
Di-n-octyl phthalate, Solid	ug/Kg	33.00	U							
Benzo(b)fluoranthene, Solid	ug/Kg	33.00	U							
Benzo(k)fluoranthene, Solid	ug/Kg	33.00	U							
Benzo(a)pyrene, Solid	ug/Kg	33.00	U							
Indeno(1,2,3-cd)pyrene, Solid	ug/Kg	33.00	U							
Dibenzo(a,h)anthracene, Solid	ug/Kg	33.00	U							
Benzo(ghi)perylene, Solid	ug/Kg	33.00	U							
Benzaldehyde, Solid	ug/Kg	33.00	U							
Acetophenone, Solid	ug/Kg	33.00	U							
Caprolactam, Solid	ug/Kg	33.00	U							
1,1'-Biphenyl, Solid	ug/Kg	33.00	U							
Atrazine, Solid	ug/Kg	33.00	U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

70223-1MB

Lab Name: STL-CT Contract:

Lab Code: STLCT Case No.: 213443 SAS No.: SDG No.: 213443

Matrix: (soil/water) SOIL Lab Sample ID: 70223-1MB

Sample wt/vol: 30.0 (g/mL) G Lab File ID: Z6940

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

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:08/14/06

Concentrated Extract Volume: 500(uL) Date Analyzed: 08/23/06

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: ___ Extraction: (Type) CONT

Number TICs found: 2

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	7.72	84	J
2.		UNKNOWN	15.55	96	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.					

STL-CT

Semivolatile REPORT OLM Compounds

Data file : \\Target1_ct\Files\chem\BNA\msz.i\Z066937.b\Z6940.D
Lab Smp Id: 70223-1MB Client Smp ID: 70223-1MB
Inj Date : 23-AUG-2006 15:25
Operator : m.eastman Inst ID: msz.i
Smp Info : 70223-1MB
Misc Info : :SMB ;70111;0.500
Comment :
Method : \\Target1_ct\Files\chem\BNA\msz.i\Z066937.b\Mszclp.m
Meth Date : 28-Aug-2006 09:23 cheryl Quant Type: ISTD
Cal Date : 23-AUG-2006 14:58 Cal File: Z6939.D
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: olm3_4.sub
Target Version: 4.10
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * Vt*G/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	ng unit correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
G	2.000	GPC Factor
Ws	30.000	Weight of sample extracted (g)
Vi	2.000	Volume Injected
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
*	1 1,4-Dichlorobenzene-d4	152	2.959	2.953	(1.000)	492522	20.0000	
$	2 2-Fluorophenol	112	1.871	1.853	(0.632)	2337506	77.4782	2600
$	3 Phenol-d5	99	2.700	2.694	(0.913)	3220313	75.9085	2500
$	157 2-Chlorophenol-d4	132	2.782	2.782	(0.940)	2510801	75.6285	2500
$	158 1,2-Dichlorobenzene-d4	152	3.135	3.135	(1.060)	955179	45.2411	1500
	92 Acetophenone	105	3.365	3.370	(1.137)	10122	0.20645	7
*	20 Naphthalene-d8	136	4.200	4.206	(1.000)	2191327	20.0000	
$	21 Nitrobenzene-d5	82	3.512	3.512	(0.836)	1968158	46.7691	1600
*	35 Acenaphthene-d10	164	6.029	6.029	(1.000)	1371684	20.0000	
$	40 2-Fluorobiphenyl	172	5.347	5.347	(0.887)	3899678	48.4006	1600
$	56 2,4,6-Tribromophenol	330	6.864	6.864	(1.139)	874015	71.4655	2400
*	57 Phenanthrene-d10	188	7.558	7.558	(1.000)	2551006	20.0000	
*	70 Chrysene-d12	240	10.558	10.564	(1.000)	2281515	20.0000	
$	73 Terphenyl-d14	244	9.258	9.252	(0.877)	5490140	55.1980	1800
	78 Bis(2-Ethylhexyl)phthalate	149	10.723	10.723	(1.016)	236968	2.98814	100
*	79 Perylene-d12	264	13.046	13.046	(1.000)	1710165	20.0000	

STL-CT

Semivolatile REPORT OLM Compounds

Data file : \\Target1_ct\Files\chem\BNA\msz.i\Z066937.b\Z6940.D
Lab Smp Id: 70223-1MB Client Smp ID: 70223-1MB
Inj Date : 23-AUG-2006 15:25
Operator : m.eastman Inst ID: msz.i
Smp Info : 70223-1MB
Misc Info : :SMB ;70111;0.500
Comment :
Method : \\Target1_ct\Files\chem\BNA\msz.i\Z066937.b\Mszclp.m
Meth Date : 28-Aug-2006 09:23 cheryl Quant Type: ISTD
Cal Date : 23-AUG-2006 14:58 Cal File: Z6939.D
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: olm3_4.sub
Target Version: 4.10
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * Vt*G/(Ws *Vi* ((100 - M)/100))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	ng unit correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
G	2.000	GPC Factor
Ws	30.000	Weight of sample extracted (g)
Vi	2.000	Volume Injected
M	0.000	% Moisture

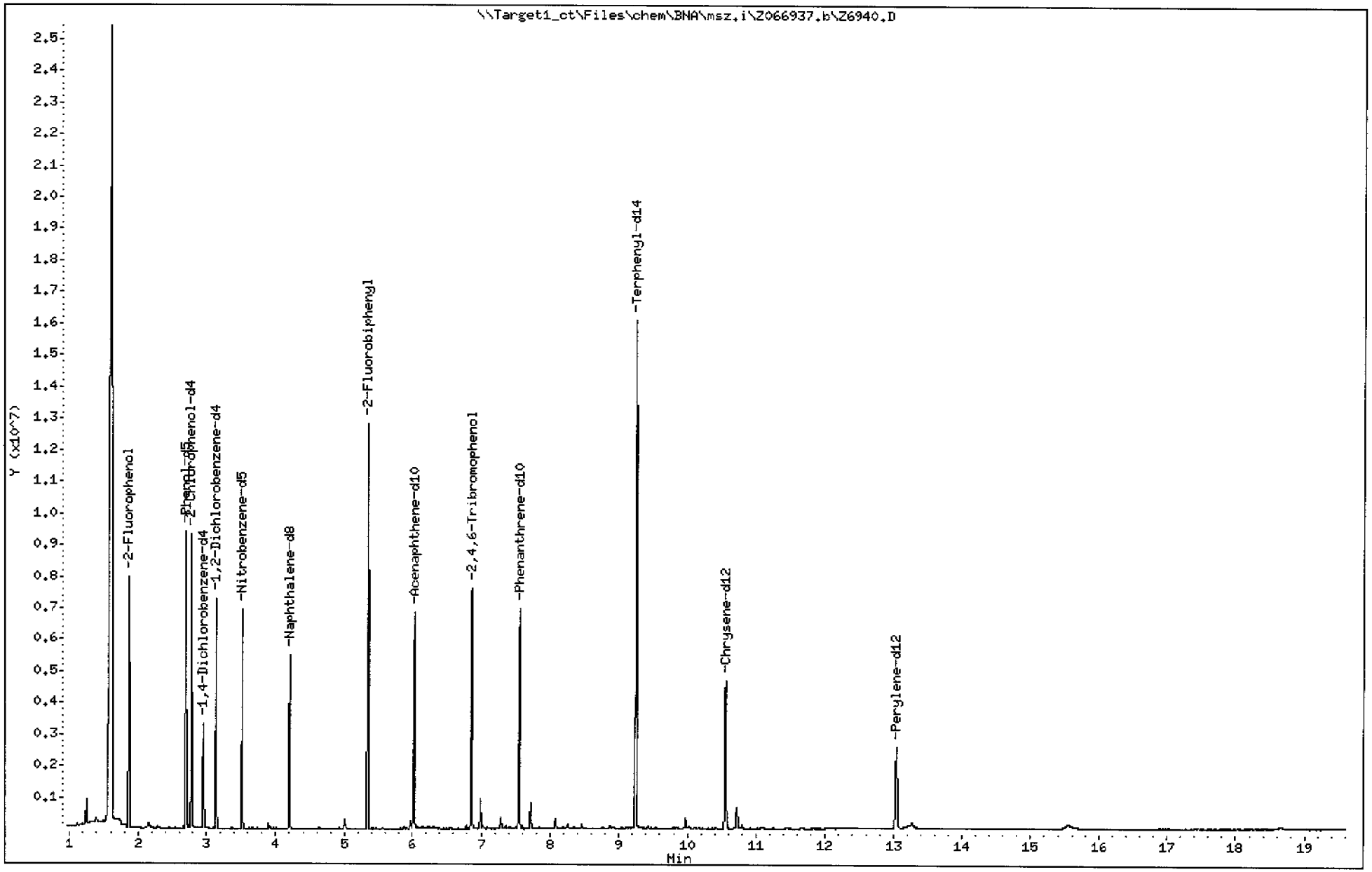
ISTD	RT	AREA	AMOUNT
* 57 Phenanthrene-d10	7.559	6363951	20.000
* 79 Perylene-d12	13.047	4865647	20.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Cycloalkane				CAS #:			
6.988	879185	2.76301697	92	0		0	57
Unknown				CAS #:			
7.724	806080	2.53326784	84	0		0	57
Unknown				CAS #:			
15.553	700188	2.87808617	96	0		0	79

Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066937.b\Z6940.D
Date : 23-AUG-2006 15:25
Client ID: 70223-1MB
Sample Info: 70223-1MB
Volume Injected (uL): 2.0
Column phase: RTX-5

Instrument: msz.i

Operator: m.eastman
Column diameter: 0.25



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066937.b\Z6940.D

Date : 23-AUG-2006 15:25

Client ID: 70223-1MB

Instrument: msz.i

Sample Info: 70223-1MB

Volume Injected (uL): 2.0

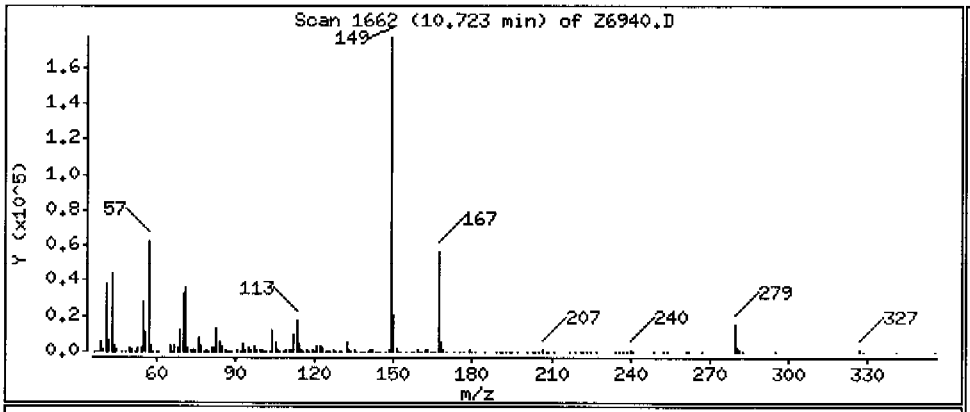
Operator: m.eastman

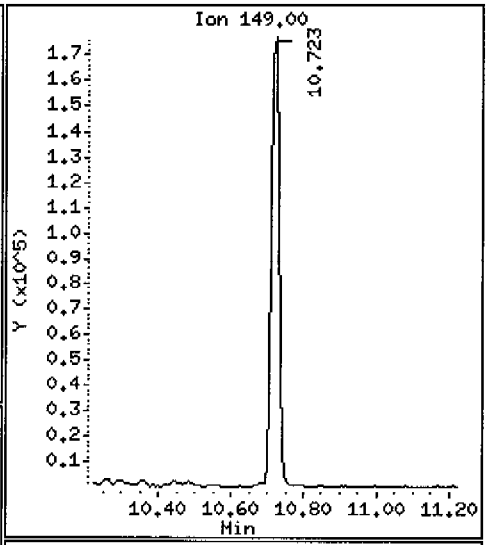
Column phase: RTX-5

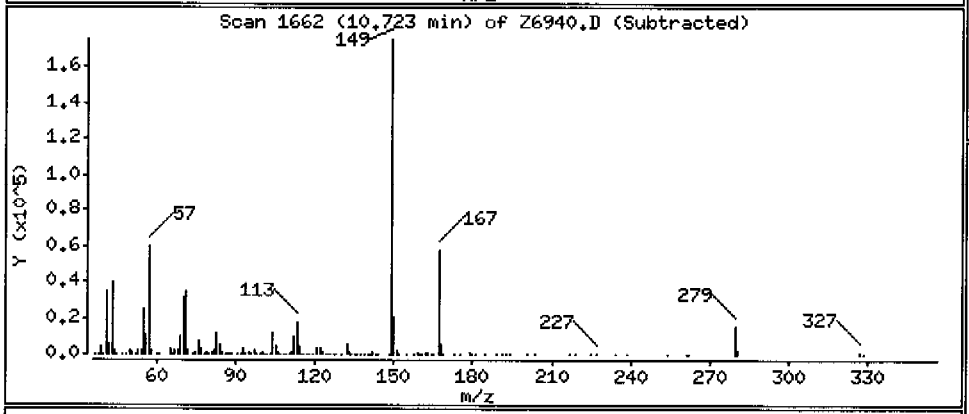
Column diameter: 0.25

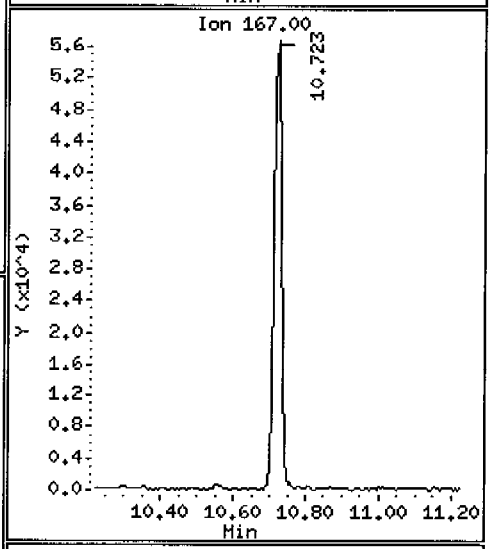
78 Bis(2-Ethylhexyl)phthalate

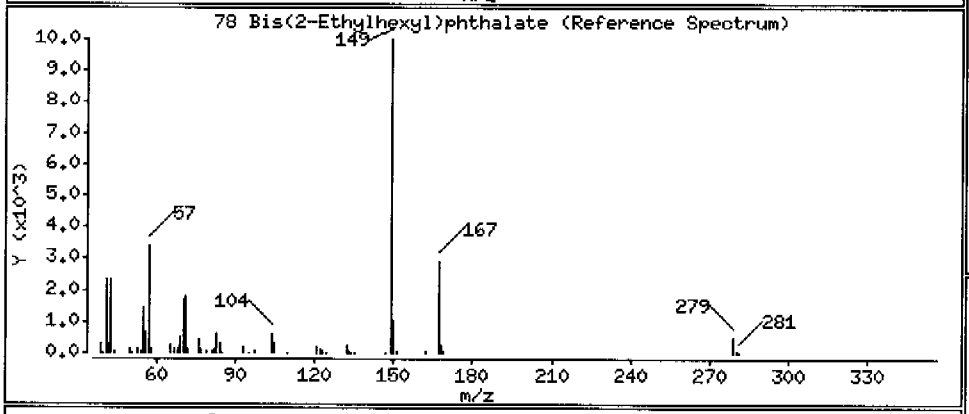
Concentration: 100 ug/Kg

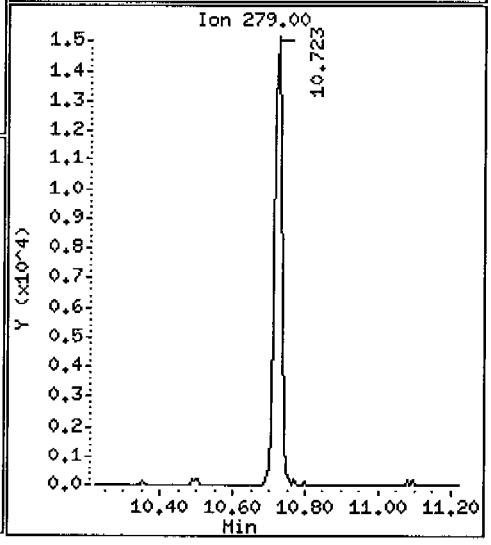


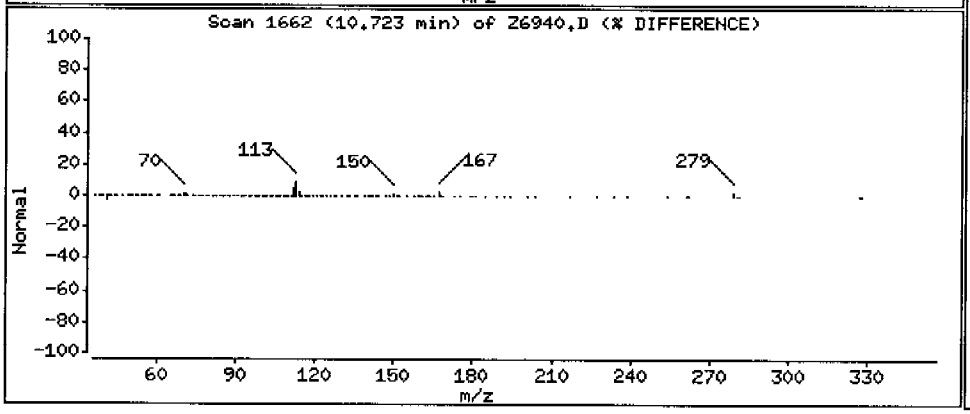












Data File: \\Target1_ot\Files\chem\BNA\msz.i\Z066937.b\Z6940.D

Date : 23-AUG-2006 15:25

Client ID: 70223-1MB

Instrument: msz.i

Sample Info: 70223-1MB

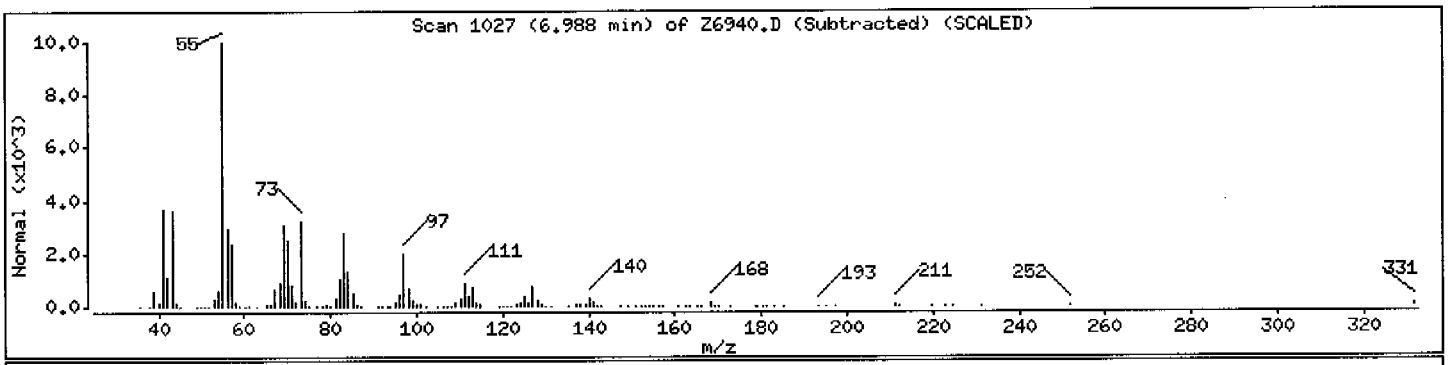
Volume Injected (uL): 2.0

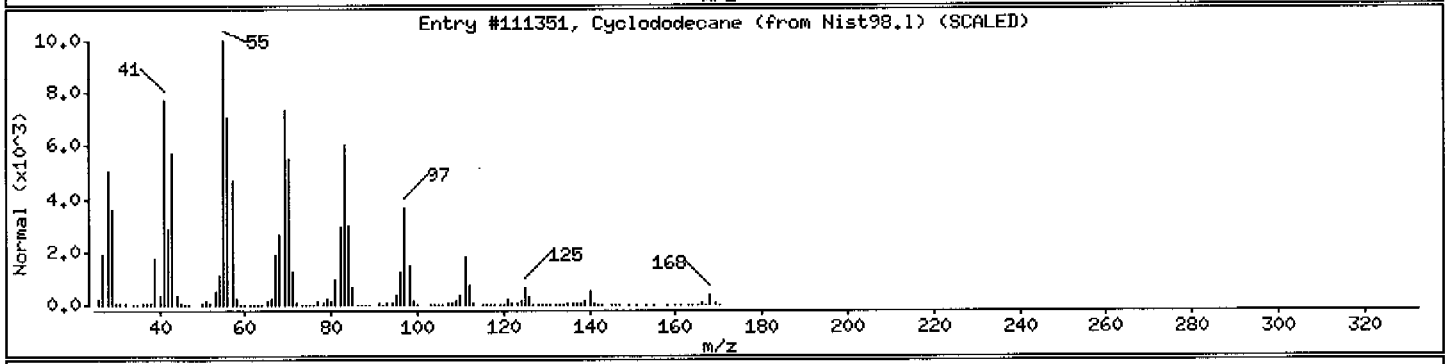
Operator: m.eastman

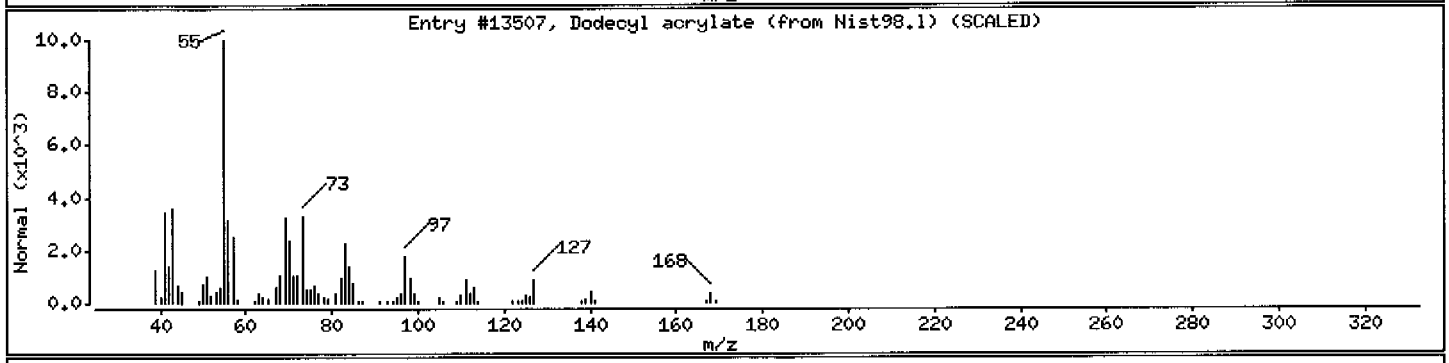
Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclododecane	294-62-2	Nist98.l	111351	91	C12H24	168
Dodecyl acrylate	2156-97-0	Nist98.l	13507	80	C15H2802	240







Date : 23-AUG-2006 15:25

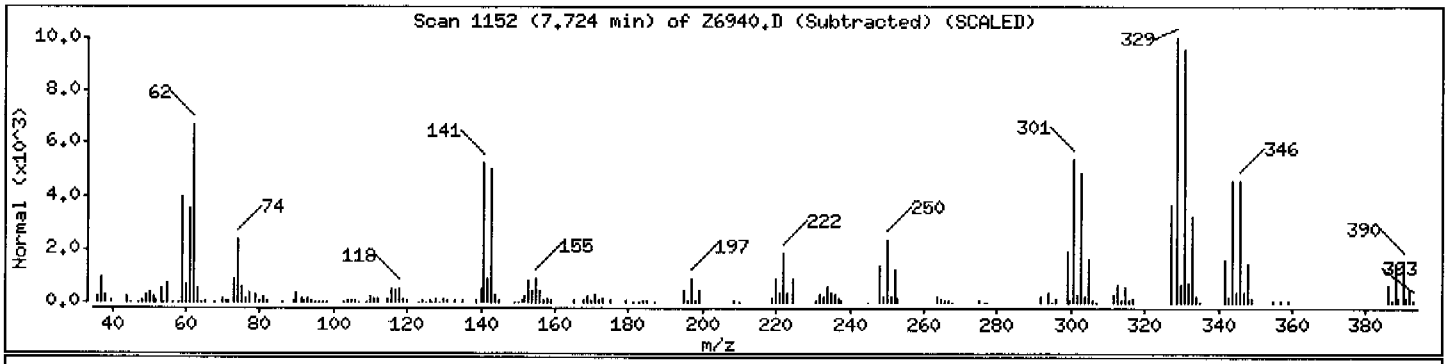
Client ID: 70223-1MB Instrument: msz.i

Sample Info: 70223-1MB

Volume Injected (uL): 2.0 Operator: m.eastman

Column phase: RTX-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066937.b\Z6940.D

Date : 23-AUG-2006 15:25

Client ID: 70223-1MB

Instrument: msz.i

Sample Info: 70223-1MB

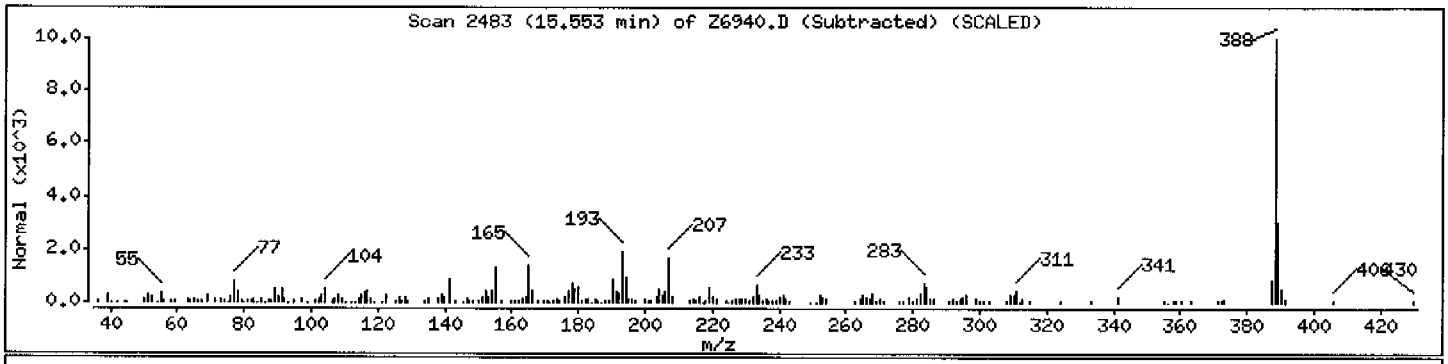
Volume Injected (uL): 2.0

Operator: m.eastman

Column phase: RTX-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



QUALITY CONTROL RESULTS

Job Number.: 213443 — Report Date.: 08/28/2006

CUSTOMER: ERM — PROJECT: RAECO PRODUCTS — ATTN: Andy Coenen

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	E06HSPK001	70223 -002		08/23/2006	1552

Test Method.....: OLM04.2
Method Description.: CLP BNA Extractable Organics
Equipment Code....: MSZ
Batch.....: 70505
Analyst...: jdw

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Phenol, Solid	ug/Kg	1177.45		1333.00	33.00 U	88	%	46-110	
Bis(2-chloroethyl)ether, Solid	ug/Kg	1184.15		1333.00	33.00 U	89	%	43-106	
2-Chlorophenol, Solid	ug/Kg	1226.59		1333.00	33.00 U	92	%	46-110	
2-Methylphenol, Solid	ug/Kg	1204.50		1333.00	33.00 U	90	%	42-113	
2,2-oxybis (1-chloropropane), Solid	ug/Kg	1143.24		1333.00	33.00 U	86	%	45-115	
4-Methylphenol, Solid	ug/Kg	2402.34		2667.00	33.00 U	90	%	45-117	
n-Nitroso-di-n-propylamine, Solid	ug/Kg	1194.61		1333.00	33.00 U	90	%	42-112	
Hexachloroethane, Solid	ug/Kg	1035.94		1333.00	33.00 U	78	%	34-106	
Nitrobenzene, Solid	ug/Kg	1162.23		1333.00	33.00 U	87	%	45-108	
Isophorone, Solid	ug/Kg	1201.43		1333.00	33.00 U	90	%	48-109	
2-Nitrophenol, Solid	ug/Kg	1190.31		1333.00	33.00 U	89	%	37-111	
2,4-Dimethylphenol, Solid	ug/Kg	1032.32		1333.00	33.00 U	77	%	36-114	
Bis(2-chloroethoxy)methane, Solid	ug/Kg	1208.29		1333.00	33.00 U	91	%	45-108	
2,4-Dichlorophenol, Solid	ug/Kg	1210.29		1333.00	33.00 U	91	%	45-113	
Naphthalene, Solid	ug/Kg	1177.73		1333.00	33.00 U	88	%	45-109	
4-Chloroaniline, Solid	ug/Kg	798.89		1333.00	33.00 U	60	%	18-78	
Hexachlorobutadiene, Solid	ug/Kg	1114.54		1333.00	33.00 U	84	%	40-109	
4-Chloro-3-methylphenol, Solid	ug/Kg	1267.01		1333.00	33.00 U	95	%	46-120	
2-Methylnaphthalene, Solid	ug/Kg	1154.46		1333.00	33.00 U	87	%	42-109	
Hexachlorocyclopentadiene, Solid	ug/Kg	1098.78		1333.00	33.00 U	82	%	5-106	
2,4,6-Trichlorophenol, Solid	ug/Kg	1263.98		1333.00	33.00 U	95	%	38-114	
2,4,5-Trichlorophenol, Solid	ug/Kg	1210.79		1333.00	83.00 U	91	%	45-117	
2-Chloronaphthalene, Solid	ug/Kg	1221.00		1333.00	33.00 U	92	%	46-111	
2-Nitroaniline, Solid	ug/Kg	1301.66		1333.00	83.00 U	98	%	49-122	
Dimethyl phthalate, Solid	ug/Kg	1317.30		1333.00	33.00 U	99	%	50-120	
Acenaphthylene, Solid	ug/Kg	1229.97		1333.00	33.00 U	92	%	49-117	
2,6-Dinitrotoluene, Solid	ug/Kg	1334.78		1333.00	33.00 U	100	%	51-126	
3-Nitroaniline, Solid	ug/Kg	950.11		1333.00	83.00 U	71	%	37-107	
Acenaphthene, Solid	ug/Kg	1233.25		1333.00	33.00 U	92	%	47-116	
2,4-Dinitrophenol, Solid	ug/Kg	1122.66		1333.00	83.00 U	84	%	10-36	*
4-Nitrophenol, Solid	ug/Kg	1331.02		1333.00	83.00 U	100	%	39-130	
Dibenzofuran, Solid	ug/Kg	1194.64		1333.00	33.00 U	90	%	49-117	
2,4-Dinitrotoluene, Solid	ug/Kg	1365.37		1333.00	33.00 U	102	%	51-127	
Diethyl phthalate, Solid	ug/Kg	1363.41		1333.00	33.00 U	102	%	49-126	
4-Chlorophenyl phenyl ether, Solid	ug/Kg	1244.11		1333.00	33.00 U	93	%	49-118	
Fluorene, Solid	ug/Kg	1247.60		1333.00	33.00 U	94	%	50-119	
4-Nitroaniline, Solid	ug/Kg	1172.21		1333.00	83.00 U	88	%	45-141	
4,6-Dinitro-2-methylphenol, Solid	ug/Kg	1486.46		1333.00	83.00 U	111	%	10-89	*
n-Nitrosodiphenylamine, Solid	ug/Kg	1435.11		1333.00	33.00 U	108	%	51-124	
4-Bromophenyl phenyl ether, Solid	ug/Kg	1392.32		1333.00	33.00 U	104	%	51-120	
Hexachlorobenzene, Solid	ug/Kg	1356.21		1333.00	33.00 U	102	%	51-122	
Pentachlorophenol, Solid	ug/Kg	947.40		1333.00	83.00 U	71	%	10-116	
Phenanthrene, Solid	ug/Kg	1406.80		1333.00	33.00 U	106	%	50-125	
Anthracene, Solid	ug/Kg	1377.33		1333.00	33.00 U	103	%	48-128	
Carbazole, Solid	ug/Kg	1310.63		1333.00	33.00 U	98	%	50-138	
Di-n-butyl phthalate, Solid	ug/Kg	1452.65		1333.00	33.00 U	109	%	51-130	
Fluoranthene, Solid	ug/Kg	1361.48		1333.00	33.00 U	102	%	48-131	
Pyrene, Solid	ug/Kg	1648.47		1333.00	33.00 U	124	%	49-131	
Butyl benzyl phthalate, Solid	ug/Kg	1635.00		1333.00	33.00 U	123	%	51-132	
3,3-Dichlorobenzidine, Solid	ug/Kg	987.00		1333.00	33.00 U	74	%	22-97	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 213443 Report Date.: 08/28/2006

CUSTOMER: ERM PROJECT: RAECO PRODUCTS ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	E06HSPK001	70223 -002		08/23/2006	1552

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Benzo(a)anthracene, Solid	ug/Kg	1543.00		1333.00	33.00 U	116	%	49-129	
Chrysene, Solid	ug/Kg	1542.06		1333.00	33.00 U	116	%	51-129	
Bis(2-ethylhexyl)phthalate, Solid	ug/Kg	1620.53		1333.00	99.60 J	122	%	51-134	
Di-n-octyl phthalate, Solid	ug/Kg	1698.11		1333.00	33.00 U	127	%	45-140	
Benzo(b)fluoranthene, Solid	ug/Kg	1659.91		1333.00	33.00 U	124	%	42-134	
Benzo(k)fluoranthene, Solid	ug/Kg	1544.85		1333.00	33.00 U	116	%	47-134	
Benzo(a)pyrene, Solid	ug/Kg	1557.06		1333.00	33.00 U	117	%	49-131	
Indeno(1,2,3-cd)pyrene, Solid	ug/Kg	1520.66		1333.00	33.00 U	114	%	42-127	
Dibenzo(a,h)anthracene, Solid	ug/Kg	1562.47		1333.00	33.00 U	117	%	42-127	
Benzo(ghi)perylene, Solid	ug/Kg	1485.19		1333.00	33.00 U	111	%	43-124	

Page 10 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

STLCT

Semivolatile REPORT OLM Compounds

Data file : \\Target1_ct\Files\chem\BNA\msz.i\Z066937.b\Z6941.D
Lab Smp Id: 70223-2LCS Client Smp ID: 70223-2LCS
Inj Date : 23-AUG-2006 15:52
Operator : m.eastman Inst ID: msz.i
Smp Info : 70223-2LCS
Misc Info : :SLCS;70111;0.500
Comment :
Method : \\Target1_ct\Files\chem\BNA\msz.i\Z066937.b\Mszclp.m
Meth Date : 24-Aug-2006 07:41 target Quant Type: ISTD
Cal Date : 23-AUG-2006 14:58 Cal File: Z6939.D
Als bottle: 2 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: olm3_4.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * Vt*G/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	ng unit correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
G	2.000	GPC Factor
Ws	30.000	Weight of sample extracted (g)
Vi	2.000	Volume Injected
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
* 1	1,4-Dichlorobenzene-d4	152	2.959	2.953	(1.000)	543062	20.0000	
$ 2	2-Fluorophenol	112	1.871	1.853	(0.632)	2236781	67.2398	2200
$ 3	Phenol-d5	99	2.706	2.694	(0.915)	3049238	65.1869	2200
7	Phenol	94	2.718	2.706	(0.919)	1849299	35.3239	1200
9	bis(2-Chloroethyl)ether	63	2.765	2.753	(0.934)	1019440	35.5250	1200
10	2-Chlorophenol	128	2.800	2.794	(0.946)	1396232	36.7982	1200
$ 157	2-Chlorophenol-d4	132	2.788	2.782	(0.942)	2414427	65.9574	2200
11	1,3-Dichlorobenzene	146	2.924	2.917	(0.988)	1249799	30.5897	1000
12	1,4-Dichlorobenzene	146	2.971	2.970	(1.004)	1287779	31.1108	1000
14	1,2-Dichlorobenzene	146	3.147	3.147	(1.064)	1275518	32.1973	1100
$ 158	1,2-Dichlorobenzene-d4	152	3.135	3.135	(1.060)	947084	40.6830	1400
15	2,2'-oxybis(1-Chloropropane)	45	3.271	3.270	(1.105)	1982862	34.2976	1100
16	2-Methylphenol	108	3.265	3.259	(1.103)	1321650	36.1353	1200
17	Hexachloroethane	117	3.441	3.441	(1.163)	523184	31.0784	1000
18	N-Nitroso-di-n-propylamine	70	3.412	3.406	(1.153)	1079437	35.8388	1200
19	4-Methylphenol	108	3.418	3.400	(1.155)	2785420	72.0710	2400(R)
* 20	Naphthalene-d8	136	4.206	4.206	(1.000)	2359700	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$	21 Nitrobenzene-d5	82	3.518	3.512	(0.836)	1901061	41.9514	1400
	22 Nitrobenzene	77	3.535	3.529	(0.841)	1599678	34.8672	1200
	23 Isophorone	82	3.771	3.764	(0.897)	2972297	36.0433	1200
	24 2-Nitrophenol	139	3.853	3.847	(0.916)	801201	35.7098	1200
	25 2,4-Dimethylphenol	107	3.923	3.917	(0.933)	1236246	30.9700	1000
	26 Benzoic Acid	122	4.065	4.059	(0.966)	554992	26.3177	880(R)
	27 Bis(2-Chloroethoxy)methane	93	4.012	4.006	(0.954)	1726921	36.2490	1200
	28 2,4-Dichlorophenol	162	4.094	4.094	(0.973)	1178469	36.3092	1200
	29 1,2,4-Trichlorobenzene	180	4.171	4.170	(0.992)	1177939	34.0177	1100
	30 Naphthalene	128	4.229	4.223	(1.006)	4173529	35.3322	1200
	31 4-Chloroaniline	127	4.318	4.311	(1.027)	1177819	23.9670	800
	32 Hexachlorobutadiene	225	4.423	4.429	(1.052)	647896	33.4366	1100
	33 4-Chloro-3-methylphenol	107	4.841	4.841	(1.151)	1332978	38.0108	1300
	34 2-Methylnaphthalene	142	4.935	4.935	(1.173)	2779439	34.6342	1200
*	35 Acenaphthene-d10	164	6.035	6.029	(1.000)	1406280	20.0000	
	37 Hexachlorocyclopentadiene	237	5.176	5.182	(0.858)	748142	32.9638	1100
	38 2,4,6-Trichlorophenol	196	5.265	5.270	(0.872)	871496	37.9199	1300
	39 2,4,5-Trichlorophenol	196	5.306	5.311	(0.879)	940018	36.3240	1200
$	40 2-Fluorobiphenyl	172	5.347	5.347	(0.886)	3631325	43.9612	1500
	41 2-Chloronaphthalene	162	5.435	5.435	(0.901)	2630774	36.6304	1200
	42 2-Nitroaniline	65	5.588	5.582	(0.926)	1018961	39.0502	1300
	43 Acenaphthylene	152	5.870	5.870	(0.973)	4429906	36.8996	1200
	44 Dimethylphthalate	163	5.829	5.817	(0.966)	3185615	39.5195	1300
	45 2,6-Dinitrotoluene	165	5.888	5.882	(0.976)	766165	40.0438	1300
	46 Acenaphthene	153	6.070	6.064	(1.006)	2736051	36.9978	1200
	47 3-Nitroaniline	138	6.023	6.017	(0.998)	618003	28.5035	950
	48 2,4-Dinitrophenol	184	6.123	6.123	(1.015)	400915	33.6802	1100(R)
	49 Dibenzofuran	168	6.235	6.229	(1.033)	3851692	35.8397	1200
	50 2,4-Dinitrotoluene	165	6.288	6.282	(1.042)	1063320	40.9614	1400
	51 4-Nitrophenol	109	6.229	6.223	(1.032)	486670	39.9309	1300
	52 Fluorene	166	6.594	6.588	(1.093)	3267465	37.4285	1200
	53 4-Chlorophenyl-phenylether	204	6.606	6.605	(1.095)	1544586	37.3238	1200
	54 Diethylphthalate	149	6.564	6.558	(1.088)	3394385	40.9028	1400
	55 4-Nitroaniline	138	6.670	6.658	(1.105)	770143	35.1666	1200
$	56 2,4,6-Tribromophenol	330	6.870	6.864	(1.138)	878394	70.0566	2300
*	57 Phenanthrene-d10	188	7.559	7.558	(1.000)	2350104	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	6.712	6.705	(0.888)	611561	44.5941	1500(R)
	59 N-Nitrosodiphenylamine (1)	169	6.741	6.735	(0.892)	2437860	43.0536	1400
	61 4-Bromophenyl-phenylether	248	7.106	7.105	(0.940)	940442	41.7700	1400
	62 Hexachlorobenzene	284	7.253	7.252	(0.960)	1017279	40.6867	1400
	63 Pentachlorophenol	266	7.441	7.441	(0.984)	413962	28.4222	950
	64 Phenanthrene	178	7.588	7.582	(1.004)	4924546	42.2044	1400
	65 Carbazole	167	7.817	7.811	(2.642)	4481308	39.3194	1300
	66 Anthracene	178	7.635	7.629	(1.010)	4823320	41.3203	1400
	67 Di-n-butylphthalate	149	8.258	8.252	(1.093)	5688231	43.5800	1500
	68 Fluoranthene	202	8.835	8.835	(1.169)	4978628	40.8449	1400
*	70 Chrysene-d12	240	10.564	10.564	(1.000)	1576339	20.0000	
	72 Pyrene	202	9.064	9.064	(0.858)	4963278	49.4547	1600
$	73 Terphenyl-d14	244	9.258	9.252	(0.876)	4148915	60.3737	2000
	74 Butylbenzylphthalate	149	9.870	9.870	(0.934)	2008946	49.0506	1600
	75 3,3'-Dichlorobenzidine	252	10.541	10.535	(0.998)	825782	29.6103	990
	76 Benzo(a)anthracene	228	10.541	10.535	(0.998)	3613900	46.2904	1500
	77 Chrysene	228	10.605	10.599	(1.004)	3432817	46.2622	1500
	78 Bis(2-Ethylhexyl)phthalate	149	10.723	10.723	(1.015)	2663773	48.6163	1600

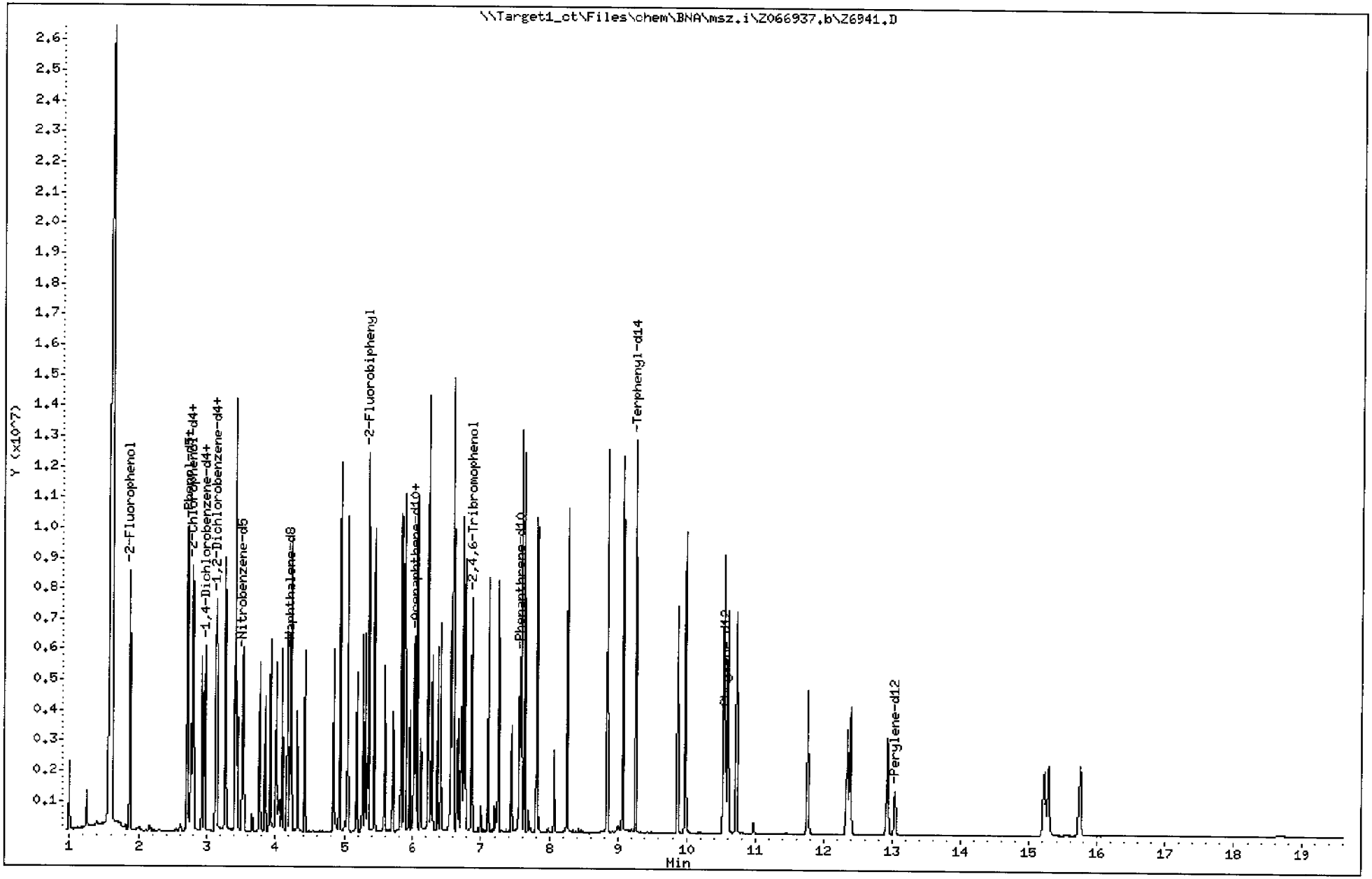
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
* 79 Perylene-d12	264	13.046	13.046	(1.000)	969983	20.0000	
80 Di-n-octylphthalate	149	11.758	11.758	(0.901)	3651752	50.9438	1700
81 Benzo(b)fluoranthene	252	12.335	12.334	(0.945)	2671334	49.7977	1700
82 Benzo(k)fluoranthene	252	12.382	12.376	(0.949)	2750839	46.3460	1500
83 Benzo(a)pyrene	252	12.935	12.934	(0.991)	2248696	46.7122	1600
84 Indeno(1,2,3-cd)pyrene	276	15.223	15.217	(1.167)	1937714	45.6204	1500
85 Dibenzo(a,h)anthracene	278	15.282	15.275	(1.171)	2029035	46.8745	1600
86 Benzo(g,h,i)perylene	276	15.752	15.746	(1.207)	2116244	44.5560	1500

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\Target1_ct\Files\chem\BNA\msz.i\Z066937.b\Z6941.D
Date : 23-AUG-2006 15:52
Client ID: 70223-2LCS
Sample Info: 70223-2LCS
Volume Injected (uL): 2.0
Column phase: RTX-5

Instrument: msz.i
Operator: m.eastman
Column diameter: 0.25



STL CONNECTICUT

Organic Sample Preparation Log

Parameter	CLP LLS	Ext. Meth	3550	Na2SO4 Lot #	E05SW009	Extraction Date	08/14/06
Corr. MS/MSD		Alumina Lot				Concentration Date	08/17/06
Surrogate By	JB	Reagent H2O Lot				Surrogate Code	E06FSUR005
Spike By	JB	MeCl2 Lot #		H2SO4 Lot #		Spike Code	E06HSPK001
Extracted By	JB	Acetone Lot#		NaOH Lot #		Witness	
Init. Conc By		1:1 MeCL/Acet lot#	E06HSLV002	Cont.EXT Start time		OLM4/4.3D SPIKE	E06ESPK003
Final Conc By	JB			Cont. EXT Stop time			

Client	STLSample #	Sign Out COC	Init pH/Cl2	Vol/Wt Extracted Gms / MLs	Surr. Volume (uls)	Matrix Spike Volume (uls)	C/U	Final Extract Volume (mls)	Bottle letter	Comments	
								5 mL			
Blank	0814406-BO3	NA	NA	30.0	500	NA	PPC	10 JBW			
	FMS	↓		30.0		400					
ERM	213432-01	JB		30.2		NA			323851	SB-31 (12-14)	brick
	02			30.5					323853	SB-31 (16-18)	
	04			30.1					323860	SB-32 (0-4)	
	05			30.0					323862	SB-32 (4-8)	
	06			30.2					323864	DUP (0804406)	brick
	07			30.9					323866	SB-33 (0-4)	brick
	08			30.2					323868	SB-33 (4-8)	
	09			30.9					323870	SB-34 (0-4)	brick
	10			30.1					323872	SB-34 (4-8)	brick
	11			30.3					323874	SB-35 (16-20)	pH = 7.91
	12			30.3			=		323876	SB-35 (36-40)	7.51
	14			30.9					324128	SB-36 (12-16)	brick 7.68
	15			30.6					324130	SB-36 (16-20)	7.92
	16			30.7		↓			324142	SB-38 (4-8)	7.98
	16MS			30.8		500			324142	SB-38 (4-8)	↓
	16MSD			30.5		500			324142	SB-38 (4-8)	
	17			30.6		NA			324134	SB-38 (0-4)	Rocks 7.93
	18			30.1					324136	SB-37 (16-20)	7.88
	19			30.5					324138	SB-37 (12-16)	7.92
	20			30.8					324140	SB-39 (0-4)	7.80
ERM	213443-01			30.1		↓			324147	SB-39 (28-32)	8.29
	02	↓	↓	30.2	↓		↓	↓	324149	SB-40 (4-5.5)	↓ 7.57

STL CT Form# SP700105.CT Reviewed by: Date: STL CT Logbook # SP1.98 Page 3 of 9

Organic Sample Preparation Log

Parameter		Ext. Meth		Na2SO4 Lot #		Extraction Date	
Corr. MS/MSD				Alumina Lot		Concentration Date	
Surrogate By	CONTINUED		FROM	Reagent H2O Lot	PREVIOUS	Surrogate Code	PAGE
Spike By		MeCl2 Lot #		H2SO4 Lot #		Spike Code	
Extracted By		Acetone Lot#		NaOH Lot #		Witness	
Init. Conc By		1:1 MeCL/Acet lot#		Cont.EXT Start time			
Final Conc By				Cont. EXT Stop time			

Client	STLSample #	Sign Out COC	Init pH/Cl2	Vol/Wt Extracted Gms / MLs	Surr. Volume (uls)	Matrix Spike Volume (uls)	C/U	Final Extract Volume (mls)	Bottle letter	Comments
Blank	MSB	[illegible]	NA	30.0	500	500		.5mL		

STL CONNECTICUT

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U. S. EPA - CLP

COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No: _____ SAS No.: _____ SDG No.: _____

SOW No.: _____

EPA Sample No.	Lab Sample ID.
SB-39(28-32)	213443-1
SB-40(4-5.5)	213443-2

Were ICP interelement corrections applied Yes/No Y

Were ICP background corrections applied? Yes/No Y

If yes-were raw data generated before application of background corrections Yes/No N

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: _____ Name: David W. Hatfield

Date: 8/25/06 Title: Group Leader

COVER PAGE - IN ILMO4.0

U.S. EPA - CLP

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
SB-39(28-32)

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): SOILNY Solid Lab Sample ID: 213443-1

Level (low/med): _____ Date Received: 08/08/2006

% Solids: 78.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4890		*	P
7440-36-0	Antimony	41.5		N	P
7440-38-2	Arsenic	9.2		N	P
7440-39-3	Barium	65.1			P
7440-41-7	Beryllium	0.22	B		P
7440-43-9	Cadmium	3.6			P
7440-70-2	Calcium	66500		*E	P
7440-47-3	Chromium	9.9			P
7440-48-4	Cobalt	7.8	B		P
7440-50-8	Copper	129		*E	P
7439-89-6	Iron	31200			P
7439-92-1	Lead	1770			P
7439-95-4	Magnesium	24100		*	P
7439-96-5	Manganese	487			P
7439-97-6	Mercury	0.42		*	CV
7440-02-0	Nickel	13.9			P
7440-09-7	Potassium	954	B	E	P
7782-49-2	Selenium	1.3	U		P
7440-22-4	Silver	0.58	B	N	P
7440-23-5	Sodium	192	B	NE	P
7440-28-0	Thallium	4.9			P
7440-62-2	Vanadium	11.0			P
7440-66-6	Zinc	601			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN ILMO4.0

U.S. EPA - CLP

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
SB-40(4-5.5)

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): SOILNY Solid Lab Sample ID: 213443-2

Level (low/med): _____ Date Received: 08/08/2006

% Solids: 82.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6270		*	P
7440-36-0	Antimony	0.74	U	N	P
7440-38-2	Arsenic	2.3		N	P
7440-39-3	Barium	144			P
7440-41-7	Beryllium	0.38	B		P
7440-43-9	Cadmium	1.0			P
7440-70-2	Calcium	99400		*E	P
7440-47-3	Chromium	8.5			P
7440-48-4	Cobalt	4.3	B		P
7440-50-8	Copper	19.6		*E	P
7439-89-6	Iron	10500			P
7439-92-1	Lead	159			P
7439-95-4	Magnesium	11200		*	P
7439-96-5	Manganese	260			P
7439-97-6	Mercury	0.28		*	CV
7440-02-0	Nickel	10.1			P
7440-09-7	Potassium	865	B	E	P
7782-49-2	Selenium	1.3	U		P
7440-22-4	Silver	0.080	U	N	P
7440-23-5	Sodium	4990		NE	P
7440-28-0	Thallium	3.2			P
7440-62-2	Vanadium	11.6			P
7440-66-6	Zinc	150			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN ILMO4.0

U. S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No:___ SAS No.: _____ SDG No.: _____

Initial Calibration Source: M06FWRK005

Continuing Calibration Source: M06FWRK006

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum	10000.0	9994.32	99.9	5000.0	4999.41	100.0	4981.08	99.6	P
Antimony	1000.0	976.32	97.6	500.0	504.43	100.9	481.80	96.4	P
Arsenic	1000.0	1027.70	102.8	500.0	516.13	103.2	513.85	102.8	P
Barium	1000.0	1010.71	101.1	500.0	513.60	102.7	512.63	102.5	P
Beryllium	1000.0	976.83	97.7	500.0	499.19	99.8	507.05	101.4	P
Cadmium	1000.0	992.16	99.2	500.0	503.84	100.8	503.67	100.7	P
Calcium	25000.0	24542.32	98.2	18800.0	18780.56	99.9	18980.49	101.0	P
Chromium	1000.0	996.53	99.6	500.0	506.23	101.2	510.09	102.0	P
Cobalt	1000.0	1014.40	101.4	500.0	515.79	103.2	523.97	104.8	P
Copper	1000.0	1005.16	100.5	500.0	507.40	101.5	505.79	101.2	P
Iron	10000.0	9942.38	99.4	5000.0	4942.72	98.8	4874.22	97.5	P
Lead	1000.0	1005.15	100.5	500.0	506.52	101.3	509.12	101.8	P
Magnesium	25000.0	24309.57	97.2	18800.0	18541.38	98.6	18451.81	98.1	P
Manganese	1000.0	1000.93	100.1	500.0	506.16	101.2	501.22	100.2	P
Mercury									NR
Nickel	1000.0	1023.56	102.4	500.0	520.50	104.1	524.65	104.9	P
Potassium	50000.0	47401.94	94.8	40000.0	37630.22	94.1	37027.37	92.6	P
Selenium	1000.0	1002.22	100.2	500.0	514.21	102.8	508.51	101.7	P
Silver	100.0	101.27	101.3	50.0	51.68	103.4	50.79	101.6	P
Sodium	50000.0	48204.85	96.4	40000.0	38559.95	96.4	38157.77	95.4	P
Thallium	1000.0	1007.60	100.8	500.0	493.22	98.6	483.47	96.7	P
Vanadium	1000.0	996.58	99.6	500.0	506.46	101.3	509.23	101.8	P
Zinc	1000.0	1000.82	100.1	500.0	509.98	102.0	508.20	101.6	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: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No:___ SAS No.: _____ SDG No.: _____

Initial Calibration Source: M06FWRK005

Continuing Calibration Source: M06FWRK006

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum				5000.0	4977.99	99.6	5008.13	100.2	P
Antimony				500.0	467.72	93.5	469.27	93.8	P
Arsenic				500.0	509.88	102.0	500.00	100.0	P
Barium				500.0	510.93	102.2	510.09	102.0	P
Beryllium				500.0	508.05	101.6	509.35	101.9	P
Cadmium				500.0	498.86	99.8	492.92	98.6	P
Calcium				18800.0	19024.10	101.2	19133.50	101.8	P
Chromium				500.0	508.00	101.6	506.82	101.4	P
Cobalt				500.0	525.11	105.0	528.99	105.8	P
Copper				500.0	503.66	100.7	503.61	100.7	P
Iron				5000.0	4779.66	95.6	4720.70	94.4	P
Lead				500.0	505.92	101.2	504.86	101.0	P
Magnesium				18800.0	18213.65	96.9	18152.29	96.6	P
Manganese				500.0	491.11	98.2	484.37	96.9	P
Mercury									NR
Nickel				500.0	525.60	105.1	526.83	105.4	P
Potassium				40000.0	36680.84	91.7	36442.69	91.1	P
Selenium				500.0	498.28	99.6	497.10	99.4	P
Silver				50.0	42.34	84.7	50.97	101.9	P
Sodium				40000.0	35093.71	87.7	38151.36	95.4	P
Thallium				500.0	482.01	96.4	463.91	92.8	P
Vanadium				500.0	507.20	101.4	505.59	101.1	P
Zinc				500.0	500.60	100.1	497.44	99.5	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: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No:___ SAS No.: _____ SDG No.: _____

Initial Calibration Source: M06FWRK005

Continuing Calibration Source: M06FWRK006

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum				5000.0	5060.19	101.2	5026.17	100.5	P
Antimony				500.0	477.69	95.5	462.91	92.6	P
Arsenic				500.0	512.78	102.6	515.47	103.1	P
Barium				500.0	517.52	103.5	514.34	102.9	P
Beryllium				500.0	520.36	104.1	520.40	104.1	P
Cadmium				500.0	507.88	101.6	500.68	100.1	P
Calcium				18800.0	19496.18	103.7	19468.93	103.6	P
Chromium				500.0	515.71	103.1	515.85	103.2	P
Cobalt				500.0	538.52	107.7	541.04	108.2	P
Copper				500.0	511.46	102.3	507.18	101.4	P
Iron				5000.0	4831.74	96.6	4733.14	94.7	P
Lead				500.0	514.89	103.0	516.06	103.2	P
Magnesium				18800.0	18412.84	97.9	18206.97	96.8	P
Manganese				500.0	494.10	98.8	482.78	96.6	P
Mercury									NR
Nickel				500.0	538.10	107.6	539.26	107.8	P
Potassium				40000.0	36840.89	92.1	36586.08	91.5	P
Selenium				500.0	509.86	102.0	503.99	100.8	P
Silver				50.0	52.69	105.4	46.20	92.4	P
Sodium				40000.0	38581.74	96.4	38645.59	96.6	P
Thallium				500.0	474.43	94.9	461.39	92.3	P
Vanadium				500.0	516.00	103.2	512.73	102.5	P
Zinc				500.0	510.56	102.1	501.06	100.2	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: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No:___ SAS No.: _____ SDG No.: _____

Initial Calibration Source: M06FWRK005

Continuing Calibration Source: M06FWRK006

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum				5000.0	5044.00	100.9			P
Antimony				500.0	477.70	95.5			P
Arsenic				500.0	510.48	102.1			P
Barium				500.0	516.92	103.4			P
Beryllium				500.0	520.75	104.2			P
Cadmium				500.0	504.80	101.0			P
Calcium				18800.0	19382.10	103.1			P
Chromium				500.0	514.82	103.0			P
Cobalt				500.0	540.90	108.2			P
Copper				500.0	510.30	102.1			P
Iron				5000.0	4776.15	95.5			P
Lead				500.0	514.32	102.9			P
Magnesium				18800.0	18327.82	97.5			P
Manganese				500.0	486.32	97.3			P
Mercury									NR
Nickel				500.0	537.75	107.6			P
Potassium				40000.0	36750.85	91.9			P
Selenium				500.0	498.48	99.7			P
Silver				50.0	53.49	107.0			P
Sodium				40000.0	39092.26	97.7			P
Thallium				500.0	477.54	95.5			P
Vanadium				500.0	515.19	103.0			P
Zinc				500.0	511.71	102.3			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: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No:___ SAS No.: _____ SDG No.: _____

Initial Calibration Source: M06HWRK001

Continuing Calibration Source: M06HWRK001

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury	5.0	5.18	103.6	5.0	5.23	104.6	5.57	111.4	CV
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR

(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: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No:___ SAS No.: _____ SDG No.: _____

Initial Calibration Source: M06HWRK001

Continuing Calibration Source: M06HWRK001

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury				5.0	5.77	115.4			CV
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR

(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: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No:___ SAS No.: _____ SDG No.: _____

AA CRDL Standard Source: _____

ICP CRDL Standard Source: M06FWRK007

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	206.10	103.0		
Antimony				60.0	55.80	93.0		
Arsenic				15.0	15.39	102.6		
Barium				200.0	209.36	104.7		
Beryllium				5.0	5.07	101.4		
Cadmium				5.0	5.24	104.8		
Calcium				5000.0	5026.86	100.5		
Chromium				10.0	10.29	102.9		
Cobalt				50.0	51.52	103.0		
Copper				25.0	25.13	100.5		
Iron				100.0	76.28	76.3		
Lead				10.0	9.84	98.4		
Magnesium				5000.0	5017.94	100.4		
Manganese				15.0	15.70	104.7		
Mercury								
Nickel				40.0	40.90	102.2		
Potassium				5000.0	3662.90	73.2		
Selenium				35.0	30.52	87.2		
Silver				10.0	12.17	121.7		
Sodium				5000.0	4434.62	88.7		
Thallium				25.0	21.57	86.3		
Vanadium				50.0	52.17	104.3		
Zinc				60.0	60.37	100.6		

Control Limits: no limits have been established by EPA at this time

U. S. EPA - CLP

3
BLANKS

Lab Name: Severn Trent Laboratories Contract: ____________

Lab Code: STLCT CASE No: ___ SAS No.: ______ SDG No.: __________

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	Preparation Blank	C	M
Aluminum	9.4	U	9.4	U	-36.4	B	-19.2	B	-0.014	B	P
Antimony	3.8	B	6.4	B	3.7	U	3.7	U	-0.008	B	P
Arsenic	3.7	U	3.7	U	3.7	U	3.7	U	0.004	U	P
Barium	0.1	U	0.1	U	0.1	U	0.1	U	0.000	B	P
Beryllium	0.1	U	0.1	U	0.1	U	0.1	U	0.000	U	P
Cadmium	0.5	U	0.5	U	0.5	U	0.5	U	0.000	U	P
Calcium	12.5	U	12.5	U	12.5	U	24.9	B	0.012	U	P
Chromium	0.7	U	0.7	U	0.7	U	0.7	U	0.006	B	P
Cobalt	0.5	U	0.5	U	0.5	U	0.5	U	0.000	U	P
Copper	1.1	U	1.1	U	1.2	B	2.1	B	0.001	U	P
Iron	16.8	U	16.8	U	16.8	U	16.8	U	0.027	B	P
Lead	2.5	U	2.5	U	2.5	U	2.5	U	-0.004		P
Magnesium	3.6	U	3.6	U	3.6	U	33.1	B	0.004	U	P
Manganese	0.4	U	0.4	U	0.4	U	0.4	U	0.003	B	P
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.008	U	CV
Nickel	0.7	U	0.7	U	-0.7	B	0.7	U	0.002	B	P
Potassium	37.0	U	37.0	U	37.0	U	42.1	B	0.037	U	P
Selenium	6.4	U	6.4	U	6.4	U	6.4	U	-0.008		P
Silver	3.0	B	0.4	U	0.4	U	0.4	U	0.000	U	P
Sodium	40.0	U	80.2	B	69.8	B	558.4	B	0.6	B	P
Thallium	10.0	U	10.0	U	10.0	U	10.0	U	0.010	U	P
Vanadium	0.3	U	-0.3	B	-0.5	B	0.3	U	-0.000	B	P
Zinc	1.8	U	1.8	U	1.8	U	1.8	U	0.004	B	P
									[illegible]		

FORM III - IN ILM04.0

3
BLANKS

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No: ___ SAS No.: _____ SDG No.: _____

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			-49.5	B	-75.8	B	-89.5	B	1.9	U	
Antimony			4.4	B	3.7	U	3.7	U	0.7	U	
Arsenic			3.7	U	-4.0	B	3.7	U	0.7	U	
Barium			0.1	U	0.1	U	0.1	U	0.052	B	
Beryllium			0.1	U	0.1	U	0.1	U	-0.024	B	
Cadmium			0.5	U	0.5	U	0.5	U	0.1	U	
Calcium			12.5	U	12.5	U	12.5	U	31.6	B	
Chromium			0.7	U	0.7	U	0.7	U	0.1	U	
Cobalt			0.5	U	0.5	U	0.5	U	0.1	U	
Copper			2.1	B	2.3	B	2.8	B	0.4	B	
Iron			16.8	U	16.8	U	16.8	U	3.4	U	
Lead			2.5	U	2.5	U	2.5	U	0.5	U	
Magnesium			8.9	B	3.6	U	3.6	U	0.7	U	
Manganese			0.4	U	0.4	U	0.4	U	0.1	U	
Mercury											NR
Nickel			0.7	U	0.7	U	0.7	U	0.1	U	
Potassium			37.0	U	37.0	U	37.0	U	7.4	U	
Selenium			6.4	U	-8.6		6.4	U	1.3	U	
Silver			0.4	U	0.4	U	0.4	U	0.1	U	
Sodium			95.9	B	84.8	B	46.4	B	16.1	B	
Thallium			13.5		10.0	U	15.4		2.0	U	
Vanadium			-0.5	B	-0.8	B	-0.6	B	-0.1	B	
Zinc			1.8	U	1.8	U	1.8	U	0.4	U	

3
BLANKS

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No:___ SAS No.: _____ SDG No.: _____

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			-88.2	B							P
Antimony			3.7	U							P
Arsenic			3.7	U							P
Barium			0.1	U							P
Beryllium			0.1	U							P
Cadmium			0.5	U							P
Calcium			12.5	U							P
Chromium			0.7	U							P
Cobalt			0.5	U							P
Copper			3.1	B							P
Iron			16.8	U							P
Lead			2.5	U							P
Magnesium			8.4	B							P
Manganese			0.4	U							P
Mercury											NR
Nickel			0.7	U							P
Potassium			37.0	U							P
Selenium			6.4	U							P
Silver			0.4	U							P
Sodium			45.4	B							P
Thallium			10.0	U							P
Vanadium			-0.6	B							P
Zinc			1.8	U							P

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4
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No:___ SAS No.: _____ SDG No.: _____

ICP ID Number: ICAP1 ICS Source: M06FWRK008/M06FWRK010

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	467628	469673.0	93.9			
Antimony	0	600	1	549.6	91.6			
Arsenic	0	100	4	96.3	96.3			
Barium	0	500	-0	472.0	94.4			
Beryllium	0	500	-0	443.7	88.7			
Cadmium	0	1000	11	890.3	89.0			
Calcium	500000	500000	424373	425596.6	85.1			
Chromium	0	500	0	444.6	88.9			
Cobalt	0	500	-2	451.8	90.4			
Copper	0	500	-1	521.5	104.3			
Iron	200000	200000	174671	173886.8	86.9			
Lead	0	50	3	48.9	97.8			
Magnesium	500000	500000	461329	460357.5	92.1			
Manganese	0	500	-4	442.8	88.6			
Mercury								
Nickel	0	1000	-2	870.3	87.0			
Potassium								
Selenium	0	50	-12	32.5	65.0			
Silver	0	200	1	199.6	99.8			
Sodium								
Thallium	0	100	-24	75.9	75.9			
Vanadium	0	500	-0	452.4	90.5			
Zinc	0	1000	-10	928.9	92.9			

U. S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

SB-38(4-8)S

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code:STLCT CASE No:____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): SOIL Level (low/med): _____

% Solids for Sample: 85.6

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
Aluminum		5292.6372		4247.3853		76.86	1359.9		P
Antimony	75-125	0.7109	U	0.7504	U	7.68	0.0	N	P
Arsenic	75-125	7.9905		6.9167		3.07	35.0	N	P
Barium	75-125	179.5401		84.3050		76.86	123.9		P
Beryllium	75-125	2.5447		0.2228	B	1.92	120.9		P
Cadmium	75-125	4.4188		1.0707		3.84	87.2		P
Calcium		36351.7963		54887.7218		384.28	-4823.5		P
Chromium	75-125	17.3618		9.0320		7.68	108.5		P
Cobalt	75-125	27.1048		4.5790	B	19.21	117.3		P
Copper		149.5930		479.6304		9.61	-3434.3		P
Iron		12212.1723		11730.4988		38.43	1253.4		P
Lead		188.3862		187.4548		1.54	60.5		P
Magnesium		9570.4741		21449.9378		384.28	-3091.4		P
Manganese		402.5090		372.8529		19.21	154.4		P
Mercury		1.0096		1.3248		0.17	-185.4		CV
Nickel	75-125	32.9442		10.2607		19.21	118.1		P
Potassium	75-125	940.5061	B	617.6565	B	384.28	84.0		P
Selenium	75-125	3.1707		1.2980	U	3.84	82.6		P
Silver	75-125	3.2735		2.1797		1.92	57.0	N	P
Sodium	75-125	746.3440	B	253.5726	B	384.28	128.2	N	P
Thallium	75-125	6.7943		3.2702		3.84	91.8		P
Vanadium	75-125	36.4699		14.8367		19.21	112.6		P
Zinc		149.2184		154.7996		19.21	-29.0		P

Comments:

U. S. EPA - CLP

5B
POST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

SB-38(4-8)

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code:STLCT CASE No:____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): Soil Level (low/med): _____

Concentration Units:ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony	75-125	94.70		3.70	U	100.0	94.7		P
Arsenic	75-125	73.04		34.10		40.0	97.4		P
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury									NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver	75-125	56.01		10.75		50.0	90.5		P
Sodium	75-125	14704.63		1250.26	B	10000.0	134.5		P
Thallium									NR
Vanadium									NR
Zinc									NR

Comments:

6
DUPLICATES

EPA SAMPLE NO.

SB-38(4-8)D

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No: ___ SAS No.: _____ SDG No.: _____

Matrix (soil/water): SOIL Level (low/med): _____

% Solids for Sample: 85.6 % Solids for Duplicate: 85.6

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

Analyte	Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		4247.3853		5412.7068		24.1	*	P
Antimony		0.7504	U	0.9735	U			P
Arsenic	3	6.9167		5.9012		15.8		P
Barium	53	84.3050		91.8741		8.6		P
Beryllium		0.2228	B	0.3005	B	29.7		P
Cadmium	1	1.0707		1.1173	B	4.2		P
Calcium		54887.7218		34549.4572		45.5	*	P
Chromium	3	9.0320		9.5236		5.3		P
Cobalt		4.5790	B	6.1728	B	29.6		P
Copper		479.6304		253.5163		61.7	*	P
Iron		11730.4988		13756.3357		15.9		P
Lead		187.4548		174.6612		7.1		P
Magnesium		21449.9378		13403.7145		46.2	*	P
Manganese		372.8529		348.6848		6.7		P
Mercury		1.3248		0.5282		86.0	*	CV
Nickel	10	10.2607		14.0702		31.3		P
Potassium		617.6565	B	621.8089	B	0.7		P
Selenium		1.2980	U	1.6839	U			P
Silver		2.1797		2.0646	B	5.4		P
Sodium		253.5726	B	198.5624	B	24.3		P
Thallium	3	3.2702		5.0922		43.6		P
Vanadium	13	14.8367		16.1011		8.2		P
Zinc		154.7996		180.9043		15.6		P

U. S. EPA - CLP

7
LABORATORY CONTROL SAMPLE

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No:___ SAS No.: _____ SDG No.: _____

Solid LCS Source: M05DLCS001

Aqueous LCS Source: M06HLCS001

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/Kg) True	Found	C	Limits		%R
Aluminum	6000.0	5981.16	99.7	1500.0	1545.72		1200.0	1800.0	103.0
Antimony	1000.0	995.76	99.6	250.0	263.24		200.0	300.0	105.3
Arsenic	1000.0	1017.74	101.8	250.0	260.10		200.0	300.0	104.0
Barium	300.0	307.04	102.3	75.0	81.60		60.0	90.0	108.8
Beryllium	100.0	114.21	114.2	25.0	28.23		20.0	30.0	112.9
Cadmium	300.0	305.93	102.0	75.0	79.50		60.0	90.0	106.0
Calcium	30000.0	30911.27	103.0	7500.0	7970.87		6000.0	9000.0	106.3
Chromium	300.0	306.13	102.0	75.0	81.31		60.0	90.0	108.4
Cobalt	300.0	310.85	103.6	75.0	84.46		60.0	90.0	112.6
Copper	300.0	312.90	104.3	75.0	82.48		60.0	90.0	110.0
Iron	25000.0	25335.57	101.3	6250.0	6218.90		5000.0	7500.0	99.5
Lead	1000.0	1009.62	101.0	250.0	266.53		200.0	300.0	106.6
Magnesium	15000.0	15062.42	100.4	3750.0	3763.83		3000.0	4500.0	100.4
Manganese	200.0	204.51	102.2	50.0	51.75		40.0	60.0	103.5
Mercury									
Nickel	300.0	308.71	102.9	75.0	83.08		60.0	90.0	110.8
Potassium	20000.0	16555.08	82.8	5000.0	4740.66		4000.0	6000.0	94.8
Selenium	500.0	529.16	105.8	125.0	131.95		100.0	150.0	105.6
Silver	300.0	297.26	99.1	75.0	79.60		60.0	90.0	106.1
Sodium	30000.0	27253.42	90.8	7500.0	7194.13		6000.0	9000.0	95.9
Thallium	1000.0	987.66	98.8	250.0	244.34		200.0	300.0	97.7
Vanadium	300.0	304.91	101.6	75.0	81.34		60.0	90.0	108.4
Zinc	300.0	313.82	104.6	75.0	78.93		60.0	90.0	105.2

U. S. EPA - CLP

7
LABORATORY CONTROL SAMPLE

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code: STLCT CASE No:___ SAS No.: _____ SDG No.: _____

Solid LCS Source: M06ALCS003

Aqueous LCS Source: _____

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/Kg) True	Found	C	Limits		%R
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury				2.3	2.42		1.6	3.1	105.2
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									

9
ICP SERIAL DILUTIONS

EPA SAMPLE NO.
SB-40(4-5.5)

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code:STLCT CASE No:____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): Soil Level (low/med): _____

Concentration Units:ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	31279.12		29680.53		5.1		P
Antimony	3.70	U	18.50	U			P
Arsenic	11.58		23.39	B	102.0		P
Barium	718.90		757.74	B	5.4		P
Beryllium	1.87	B	1.71	B	8.6		P
Cadmium	5.10		3.79	B	25.7		P
Calcium	495788.41		547037.07		10.3	E	P
Chromium	42.26		44.56	B	5.4		P
Cobalt	21.60	B	21.09	B	2.4		P
Copper	97.62		109.58	B	12.2	E	P
Iron	52143.23		55711.84		6.8		P
Lead	794.84		784.00		1.4		P
Magnesium	55707.66		56514.99		1.4		P
Manganese	1297.18		1394.21		7.5		P
Mercury							NR
Nickel	50.16		51.12	B	1.9		P
Potassium	4317.42	B	3197.72	B	25.9	E	P
Selenium	6.40	U	32.00	U			P
Silver	0.40	U	2.00	U			P
Sodium	24871.15		20210.46	B	18.7	E	P
Thallium	15.74		58.90		274.2		P
Vanadium	57.82		58.04	B	0.4		P
Zinc	748.36		768.32		2.7		P

U.S. EPA-CLP
10
INSTRUMENT DETECTION LIMITS

Lab Name: STL Contract: _____

Lab Code: STL Case No. : _____ SAS No.:_____ SDG No.:

ICP ID Number: 1 Date: 08/01/06

Analyte	Wavelength (nm)	Background	CRDL (ug/L)	IDL (ug/L)	M
Aluminum	308.20		200.0	9.4	P
Antimony	206.83		60.0	3.7	P
Arsenic	189.00		10.0	3.7	P
Barium	493.40		200.0	0.1	P
Beryllium	313.00		5.0	0.1	P
Cadmium	226.50		5.0	0.5	P
Calcium	317.93		5000.0	12.5	P
Chromium	267.70		10.0	0.7	P
Cobalt	228.61		50.0	0.5	P
Copper	324.75		25.0	1.1	P
Iron	271.44		100.0	16.8	P
Lead	220.35		3.0	2.5	P
Magnesium	279.07		5000.0	3.6	P
Manganese	257.61		15.0	0.4	P
Mercury	253.70		.2	0.10	CV
Nickel	231.60		40.0	0.7	P
Potassium	766.49		5000.0	37.0	P
Selenium	196.02		5.0	6.4	P
Silver	328.06		10.0	0.4	P
Sodium	588.90		5000.0	40.0	P
Thallium	190.80		10.0	10.0	P
Vanadium	292.40		50.0	0.3	P
Zinc	213.85		20.0	1.8	P

Comments:

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FORM X – IN ILM04.0

U.S. EPA-CLP
11A
ICP Interelement Correction Factors

Lab Name: STL Contract: _____

Lab Code: STL Case No: _____ SAS No: _____ SDG No.:

ICP ID: ICAP Date: 01/06

Analyte	Wavelength (nm)	Inter-element Correction Factors:				
		Al	Ca	Fe	Mg	Ag
Aluminum	308.20					
Antimony	206.83					
Arsenic	189.00					
Barium	493.40					
Beryllium	313.00					
Cadmium	226.50					
Calcium	317.93					
Chromium	267.70			.0025		
Cobalt	228.61			.08		
Copper	324.75					-.000153
Iron	271.44					
Lead	220.35					
Magnesium	279.07			-.00051		
Manganese	257.61				-.0077	.00005
Mercury	253.70					
Nickel	231.60					
Potassium	766.49					
Selenium	196.02					
Silver	328.06					
Sodium	588.90					
Thallium	190.80					
Vanadium	292.40	.0165		.008		-.000408
Zinc	213.85					

Comments:

FORM XI (Part 1) – IN

U.S. EPA-CLP
11B
ICP Interelement Correction Factors (Annually)

Lab Name: STL Contract: _____

Lab Code: STL Case No: _____ SAS No: _____ SDG No.:

ICP ID: ICAP Date: 01/06

Analyte	Wavelength (nm)	Inter-element Correction Factors:				
		As	B	Ba	Be	Cd
Aluminum	308.20			.000001		
Antimony	206.83					
Arsenic	189.00					
Barium	493.40					
Beryllium	313.00					
Cadmium	226.50					
Calcium	317.93					
Chromium	267.70	-.00142				
Cobalt	228.61		.001			-.000017
Copper	324.75					
Iron	271.44	-.000011	-.000204	.000004		.000108
Lead	220.35					
Magnesium	279.07					
Manganese	257.61					
Mercury	253.70					
Nickel	231.60					.000057
Potassium	766.49					
Selenium	196.02					
Silver	328.06					
Sodium	588.90					
Thallium	190.80					
Vanadium	292.40				.00203	
Zinc	213.85					

Comments:

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FORM XI (Part 2) – IN

U.S. EPA-CLP
11B
ICP Interelement Correction Factors (Annually)

Lab Name: STL _____ Contract: _____

Lab Code: STL Case No: _____ SAS No: _____ SDG No.:

ICP ID: ICAP Date: 01/06

Analyte	Wavelength (nm)	Inter-element Correction Factors:				
		Co	Cr	Cu	K	Mn
Aluminum	308.20					.000005
Antimony	206.83		.000025			
Arsenic	189.00					
Barium	493.40	.000415				
Beryllium	313.00					
Cadmium	226.50		-.000271			
Calcium	317.93					
Chromium	267.70					
Cobalt	228.61					
Copper	324.75					
Iron	271.44	.000008				.000015
Lead	220.35					
Magnesium	279.07		.000004			.00003
Manganese	257.61		.000047			
Mercury	253.70					
Nickel	231.60	.00018				
Potassium	766.49					
Selenium	196.02					
Silver	328.06					
Sodium	588.90					
Thallium	190.80					
Vanadium	292.40		-.000217	-.000098		-.000166
Zinc	213.85					

Comments:

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FORM XI (Part 2) – IN

U.S. EPA-CLP
11B
ICP Interelement Correction Factors (Annually)

Lab Name: STL _____ Contract: _____

Lab Code: STL Case No: _____ SAS No: _____ SDG No.:

ICP ID: ICAP Date: 01/06

Analyte	Wavelength (nm)	Inter-element Correction Factors:				
		Mo	Na	Ni	Pb	Sb
Aluminum	308.20				-.000174	
Antimony	206.83			.00002		
Arsenic	189.00					
Barium	493.40					
Beryllium	313.00					
Cadmium	226.50					
Calcium	317.93				-.000006	
Chromium	267.70				-.000014	.00467
Cobalt	228.61			-.00236	-.00036	
Copper	324.75					
Iron	271.44			.00001	.000067	.000025
Lead	220.35					
Magnesium	279.07				.00001	
Manganese	257.61					
Mercury	253.70					
Nickel	231.60				.000625	-.000075
Potassium	766.49					
Selenium	196.02					
Silver	328.06					
Sodium	588.90					
Thallium	190.80			.0002		
Vanadium	292.40				.000035	-.00219
Zinc	213.85					

Comments:

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FORM XI (Part 2) – IN

U.S. EPA-CLP
11B
ICP Interelement Correction Factors (Annually)

Lab Name: STL Contract: _____

Lab Code: STL Case No: _____ SAS No: _____ SDG No.:

ICP ID: ICAP Date: 01/06

Analyte	Wavelength (nm)	Inter-element Correction Factors:				
		Se	Sn	Ti	Tl	V
Aluminum	308.20	-.000016				
Antimony	206.83	.000132				
Arsenic	189.00					
Barium	493.40					
Beryllium	313.00					
Cadmium	226.50					
Calcium	317.93					
Chromium	267.70	-.0001		.00017	.000425	
Cobalt	228.61	-.000924			.00251	
Copper	324.75					
Iron	271.44	-.000032			-.000051	.000035
Lead	220.35					
Magnesium	279.07			.000007		-.000008
Manganese	257.61				-.0022	
Mercury	253.70					
Nickel	231.60					
Potassium	766.49					
Selenium	196.02					
Silver	328.06					
Sodium	588.90					
Thallium	190.80					
Vanadium	292.40	-.00023				
Zinc	213.85					

Comments:

FORM XI (Part 2) – IN

U.S. EPA-CLP
11B
ICP Interelement Correction Factors (Annually)

Lab Name: STL Contract: _____

Lab Code: STL Case No: _____ SAS No: _____ SDG No.:

ICP ID: ICAP Date: 01/06

Analyte	Wavelength (nm)	Inter-element Correction Factors:				
		Zn	Zr			
Aluminum	308.20					
Antimony	206.83					
Arsenic	189.00					
Barium	493.40					
Beryllium	313.00					
Cadmium	226.50					
Calcium	317.93		.000185			
Chromium	267.70	-.00015				
Cobalt	228.61					
Copper	324.75	.0013				
Iron	271.44	.000108				
Lead	220.35					
Magnesium	279.07					
Manganese	257.61					
Mercury	253.70					
Nickel	231.60	.0035				
Potassium	766.49					
Selenium	196.02					
Silver	328.06					
Sodium	588.90					
Thallium	190.80					
Vanadium	292.40					
Zinc	213.85					

Comments:

U.S. EPA-CLP
12
ICP Linear Ranges

Lab Name: STL Contract: _____

Lab Code: STL Case No. : _____ SAS No.:_____ SDG No.:

ICP ID: ICAP Date: 01//06

Analyte	Concentration (ug/L)	M
Aluminum	500000.0	P
Antimony	15000.0	P
Arsenic	15000.0	P
Barium	15000.0	P
Beryllium	15000.0	P
Cadmium	15000.0	P
Calcium	500000.0	P
Chromium	15000.0	P
Cobalt	15000.0	P
Copper	15000.0	P
Iron	500000.0	P
Lead	15000.0	P
Magnesium	500000.0	P
Manganese	15000.0	P
Mercury		NR
Nickel	15000.0	P
Potassium	100000.0	P
Selenium	15000.0	P
Silver	1500.0	P
Sodium	250000.0	P
Thallium	15000.0	P
Vanadium	15000.0	P
Zinc	15000.0	P

Comments:

FORM XII – IN

U. S. EPA - CLP

13
PREPARATION LOG

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code:STLCT CASE No:____ SAS No.: _____ SDG No.: _____

Method: P

EPA Sample No.	Preparation Date	Weight (gram)	Volume (ml)
LCSS	08/07/2006	1.00	250
MBS	08/07/2006	1.25	
-38(4-8)D	08/09/2006	1.11	
-38(4-8)S	08/09/2006	1.52	
9(28-32)	08/09/2006	1.58	
0(4-5.5)	08/09/2006	1.51	
MENT DUPD	08/14/2006	1.18	
MENT DUPS	08/14/2006	1.05	
~~LCSW~~	~~08/17/2006~~		
MBW	08/17/2006		
BROOK CD	08/17/2006		
~~BROOK CS~~	~~08/17/2006~~		

Form XIII - IN ILM04.0

U. S. EPA - CLP

13
PREPARATION LOG

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code:STLCT CASE No:____ SAS No.: _____ SDG No.: _____

Method: CV

EPA Sample No.	Preparation Date	Weight (gram)	Volume (ml)
LCSS	08/09/2006	0.60	50
MBS	08/09/2006	0.60	
-38(4-8)D	08/09/2006	0.73	
-38(4-8)S	08/09/2006	0.69	
9(28-32)	08/09/2006	0.70	
0(4-5.5)	08/09/2006	0.78	

U. S. EPA - CLP

14
ANALYSIS RUN LOG

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code:STLCT CASE No:____ SAS No.: _____ SDG No.: _____

Instrument ID Number: ICAP1 Method: P

Start Date: 08/21/2006 End Date: 08/21/2006

EPA Sample No.	D/F	Time	% R	Analytes																						
				AG	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CR	CU	FE	K	MG	MN	MO	NA	NI	PB	SB
STD	1.00	1140																							
STD	1.00	1146																							
ICV	1.00	1200			X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB	1.00	1206			X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI	1.00	1212			X	X	X		X	X		X	X	X	X	X	X	X	X	X		X	X	X	X
ICSA	1.00	1218				X						X					X		X						
ICSAB	1.00	1224			X	X	X		X	X		X	X	X	X	X	X		X	X			X	X	X
CCV	1.00	1230			X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB	1.00	1236			X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB	1.00	1242			X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCSW	1.00	1248			X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ	1.00	1254																							
ZZZZZZ	1.00	1300																							
ZZZZZZ	1.00	1306																							
ZZZZZZ	1.00	1312																							
MP(08-10-06)L	1.00	1318																							
ZZZZZZ	1.00	1324																							
ZZZZZZ	1.00	1330																							
ZZZZZZ	1.00	1336																							
CCV	1.00	1342			X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB	1.00	1348			X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
BROOK CD	1.00	1354																							
BROOK CS	1.00	1400																							
ZZZZZZ	1.00	1406																							
ZZZZZZ	1.00	1412																							
ZZZZZZ	1.00	1418																							
ZZZZZZ	1.00	1424																							
ZZZZZZ	1.00	1430																							
ZZZZZZ	1.00	1436																							
ZZZZZZ	1.00	1442																							

U. S. EPA - CLP

14
ANALYSIS RUN LOG

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code:STLCT CASE No:____ SAS No.: _____ SDG No.: _____

Instrument ID Number: ICAP1 Method: P

Start Date: 08/21/2006 End Date: 08/21/2006

EPA Sample No.	D/F	Time	% R	Analytes																					
				AG	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CR	CU	FE	K	MG	MN	MO	NA	NI	PB	SB
ZZZZZZ	1.00	1448																							
CCV	1.00	1454			X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB	1.00	1500			X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ	1.00	1506																							
ZZZZZZ	1.00	1512																							
ZZZZZZ	1.00	1518																							
ZZZZZZ	1.00	1524																							
ZZZZZZ	1.00	1536																							
GCOFW-52L	1.00	1542																							
ZZZZZZ	1.00	1548																							
ZZZZZZ	1.00	1554																							
ZZZZZZ	1.00	1600																							
ZZZZZZ	1.00	1606																							
CCV	1.00	1612			X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB	1.00	1618			X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB	1.00	1624			X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCSS	1.00	1630			X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ	1.00	1636																							
ZZZZZZ	1.00	1642																							
ZZZZZZ	1.00	1648																							
ZZZZZZ	1.00	1654																							
ZZZZZZ	1.00	1700																							
ZZZZZZ	1.00	1706																							
ZZZZZZ	1.00	1712																							
ZZZZZZ	1.00	1718																							
CCV	1.00	1724			X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB	1.00	1730			X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ	1.00	1736																							
ZZZZZZ	1.00	1742																							
ZZZZZZ	1.00	1748																							

14
ANALYSIS RUN LOG

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code:STLCT CASE No:____ SAS No.: _____ SDG No.: _____

Instrument ID Number: ICAP1 Method: P

Start Date: 08/21/2006 End Date: 08/21/2006

EPA Sample No.	D/F	Time	% R	Analytes																						
				AG	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CR	CU	FE	K	MG	MN	MO	NA	NI	PB	SB
ZZZZZZ	1.00	1754		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	1.00	1800		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	1.00	1806		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB-38(4-8)D	1.00	1812		-	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SB-38(4-8)S	1.00	1818		-	X	X	X	-	X	X	-	X	X	X	X	X	X	X	X	X	-	X	X	X	X
ZZZZZZ	1.00	1824		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB-38(4-8)L	1.00	1830		-	X	X	X	-	X	X	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV	1.00	1836		-	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB	1.00	1842		-	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ	1.00	1848		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	1.00	1854		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	1.00	1900		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	1.00	1906		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB-39(28-32)	1.00	1912		-	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SB-40(4-5.5)	1.00	1918		-	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X
B-40(4-5.5)L	1.00	1924		-	X	X	X	-	X	X	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ	1.00	1942		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CCV	1.00	1948		-	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB	1.00	1954		-	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ	1.00	2000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	1.00	2006		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	1.00	2012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	1.00	2018		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	1.00	2024		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	1.00	2030		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	1.00	2036		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	1.00	2042		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	1.00	2048		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	1.00	2054		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CCV	1.00	2100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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ANALYSIS RUN LOG

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code:STLCT CASE No:____ SAS No.: _____ SDG No.: _____

Instrument ID Number: ICAP1 Method: P

Start Date: 08/21/2006 End Date: 08/21/2006

EPA Sample No.	D/F	Time	% R	Analytes																					
				SE	SI	SN	SR	TI	TL	V	ZN	ZR													
STD	1.00	1140																							
STD	1.00	1146																							
ICV	1.00	1200		X	X	X	X	X	X	X	X	X													
ICB	1.00	1206		X	X	X	X	X	X	X	X														
CRI	1.00	1212		X					X	X	X														
ICSA	1.00	1218																							
ICSAB	1.00	1224		X					X	X	X														
CCV	1.00	1230		X	X	X	X	X	X	X	X	X													
CCB	1.00	1236		X	X	X	X	X	X	X	X														
MB	1.00	1242		X	X	X	X	X	X	X	X	X													
LCSW	1.00	1248		X	X	X	X	X	X	X	X	X													
ZZZZZZ	1.00	1254																							
ZZZZZZ	1.00	1300																							
ZZZZZZ	1.00	1306																							
ZZZZZZ	1.00	1312																							
MP(08-10-06)L	1.00	1318																							
ZZZZZZ	1.00	1324																							
ZZZZZZ	1.00	1330																							
ZZZZZZ	1.00	1336																							
CCV	1.00	1342		X	X	X	X	X	X	X	X	X													
CCB	1.00	1348		X	X	X	X	X	X	X	X														
BROOK CD	1.00	1354																							
BROOK CS	1.00	1400																							
ZZZZZZ	1.00	1406																							
ZZZZZZ	1.00	1412																							
ZZZZZZ	1.00	1418																							
ZZZZZZ	1.00	1424																							
ZZZZZZ	1.00	1430																							
ZZZZZZ	1.00	1436																							
ZZZZZZ	1.00	1442																							

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ANALYSIS RUN LOG

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code:STLCT CASE No:____ SAS No.: _____ SDG No.: _____

Instrument ID Number: ICAP1 Method: P

Start Date: 08/21/2006 End Date: 08/21/2006

EPA Sample No.	D/F	Time	% R	Analytes																						
				SE	SI	SN	SR	TI	TL	V	ZN	ZR														
ZZZZZZ	1.00	1448																								
CCV	1.00	1454		X	X	X	X	X	X	X	X	X														
CCB	1.00	1500		X	X	X	X	X	X	X	X															
ZZZZZZ	1.00	1506																								
ZZZZZZ	1.00	1512																								
ZZZZZZ	1.00	1518																								
ZZZZZZ	1.00	1524																								
ZZZZZZ	1.00	1536																								
GCOFW-52L	1.00	1542																								
ZZZZZZ	1.00	1548																								
ZZZZZZ	1.00	1554																								
ZZZZZZ	1.00	1600																								
ZZZZZZ	1.00	1606																								
CCV	1.00	1612		X	X	X	X	X	X	X	X	X														
CCB	1.00	1618		X	X	X	X	X	X	X	X															
MB	1.00	1624		X	X	X	X	X	X	X	X															
LCSS	1.00	1630		X				X	X	X	X															
ZZZZZZ	1.00	1636																								
ZZZZZZ	1.00	1642																								
ZZZZZZ	1.00	1648																								
ZZZZZZ	1.00	1654																								
ZZZZZZ	1.00	1700																								
ZZZZZZ	1.00	1706																								
ZZZZZZ	1.00	1712																								
ZZZZZZ	1.00	1718																								
CCV	1.00	1724		X	X	X	X	X	X	X	X	X														
CCB	1.00	1730		X	X	X	X	X	X	X	X															
ZZZZZZ	1.00	1736																								
ZZZZZZ	1.00	1742																								
ZZZZZZ	1.00	1748																								

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ANALYSIS RUN LOG

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code:STLCT CASE No:____ SAS No.: _____ SDG No.: _____

Instrument ID Number: ICAP1 Method: P

Start Date: 08/21/2006 End Date: 08/21/2006

EPA Sample No.	D/F	Time	% R	Analytes																					
				SE	SI	SN	SR	TI	TL	V	ZN	ZR													
ZZZZZZ	1.00	1754																							
ZZZZZZ	1.00	1800																							
ZZZZZZ	1.00	1806																							
SB-38(4-8)D	1.00	1812		X	X	X	X	X	X	X	X														
SB-38(4-8)S	1.00	1818		X					X	X	X														
ZZZZZZ	1.00	1824																							
SB-38(4-8)L	1.00	1830		X		X		X	X	X	X														
CCV	1.00	1836		X	X	X	X	X	X	X	X	X													
CCB	1.00	1842		X	X	X	X	X	X	X	X														
ZZZZZZ	1.00	1848																							
ZZZZZZ	1.00	1854																							
ZZZZZZ	1.00	1900																							
ZZZZZZ	1.00	1906																							
SB-39(28-32)	1.00	1912		X	X	X	X	X	X	X	X	X													
SB-40(4-5.5)	1.00	1918		X	X	X	X	X	X	X	X	X													
B-40(4-5.5)L	1.00	1924		X		X		X	X	X	X														
ZZZZZZ	1.00	1942																							
CCV	1.00	1948		X	X	X	X	X	X	X	X	X													
CCB	1.00	1954		X	X	X	X	X	X	X	X														
ZZZZZZ	1.00	2000																							
ZZZZZZ	1.00	2006																							
ZZZZZZ	1.00	2012																							
ZZZZZZ	1.00	2018																							
ZZZZZZ	1.00	2024																							
ZZZZZZ	1.00	2030																							
ZZZZZZ	1.00	2036																							
ZZZZZZ	1.00	2042																							
ZZZZZZ	1.00	2048																							
ZZZZZZ	1.00	2054																							
CCV	1.00	2100																							

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ANALYSIS RUN LOG

Lab Name: Severn Trent Laboratories Contract: _____

Lab Code:STLCT CASE No:____ SAS No.: _____ SDG No.: _____

Instrument ID Number: MERC1 Method: CV

Start Date: 08/09/2006 End Date: 08/09/2006

EPA Sample No.	D/F	Time	% R	Analytes: HG
ICV	1.00	1148		X
ICB	1.00	1150		X
MB	1.00	1151		X
LCSS	10.00	1152		X
ZZZZZZ	1.00	1153		
ZZZZZZ	1.00	1154		
SB-38(4-8)D	1.00	1156		X
SB-38(4-8)S	1.00	1158		X
ZZZZZZ	1.00	1159		
ZZZZZZ	1.00	1200		
ZZZZZZ	1.00	1201		
CCV	1.00	1202		X
CCB	1.00	1203		X
ZZZZZZ	1.00	1204		
SB-39(28-32)	1.00	1206		X
SB-40(4-5.5)	1.00	1207		X
ZZZZZZ	10.00	1227		
ZZZZZZ	10.00	1229		
CCV	1.00	1231		X
CCB	1.00	1232		X
ZZZZZZ	5.00	1247		
ZZZZZZ	25.00	1248		
CCV	1.00	1249		X
CCB	1.00	1250		X

Table Name: D082106 Autosampler Type: TYPE TJA
Sample Positions: 108/192 QC Positions: 0/19 # Sets: 1
Rinse Station location is rack -1, pos. -1.

--- Racks ---

Rack #	Type	Usage	#Pos Left	Analyses/Pos
1	Aux. (L) Rack	STD/QC/BLANK	0	10
2	Sample (16mm)	Samples	0	1
3	Sample (16mm)	Samples	13	1
4	Sample (16mm)	Samples	48	1
5	Sample (16mm)	Samples	47	1

--- Sample Sets ---

Set#	Type	Prepare?	Description	Method	#Pos	Rack#	StartPos
1	Normal	No		STL3	83	2	1

--- Preparation Info ---

Set#	Uptake	Uptake#2	Final	Dil.Factor

No Samples Prepared.

Rack #1

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	STD2	-NA-	1	Standard
2	1	2	STD1	-NA-	1	Standard
3	1	3	ICVM06FWRK005	-NA-	1	QC Standard
4	1	4	ICB	-NA-	1	QC Standard
5	1	5	CRIM06FWRK007	-NA-	1	QC Standard
6	1	6	ISAM06FWRK008	-NA-	1	QC Standard
7	1	7	ISBM06FWRK010	-NA-	1	QC Standard
8	1	8	CCVM06FWRK006	-NA-	3	QC Standard
9	1	9	CCB	-NA-	3	QC Standard
10	1	10	CCV2	-NA-	2	QC Standard
11	1	11	CCB2	-NA-	2	QC Standard
12	1	12	CCV3	-NA-	2	QC Standard
13	1	13	CCB3	-NA-	2	QC Standard
14	1	14	CCV4	-NA-	1	QC Standard
15	1	15	CCB4	-NA-	1	QC Standard
16	1	16	CCV5	-NA-	1	QC Standard
17	1	17	CCB5	-NA-	1	QC Standard
18	1	18	CCV6	-NA-	1	QC Standard
19	1	19	CCB6	-NA-	1	QC Standard

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	MB	1	-NA-	Sample
2	1	2	LCSM06HLCS001	1	-NA-	Sample
3	1	3	213446-10 C	1	-NA-	Sample
4	1	4	213446-18 C	1	-NA-	Sample
5	1	5	213446-20 C	1	-NA-	Sample
6	1	6	213471-1 C	1	-NA-	Sample
7	1	7	213471-1 C-SD 5	1	-NA-	Sample
8	1	8	213484-1	1	-NA-	Sample
9	1	9	213484-2	1	-NA-	Sample
10	1	10	213484-3	1	-NA-	Sample
11	1	11	213484-3 MD	1	-NA-	Sample
12	1	12	213484-3 MS	1	-NA-	Sample
13	2	1	213464-1	1	-NA-	Sample
14	2	2	213464-2	1	-NA-	Sample
15	2	3	213464-3	1	-NA-	Sample
16	2	4	213464-6	1	-NA-	Sample
17	2	5	213464-7	1	-NA-	Sample
18	2	6	213464-8	1	-NA-	Sample
19	2	7	213464-9	1	-NA-	Sample
20	2	8	213464-10	1	-NA-	Sample
21	2	9	213464-11	1	-NA-	Sample
22	2	10	213464-12	1	-NA-	Sample
23	2	11	213464-13	1	-NA-	Sample
24	2	12	213464-14	1	-NA-	Sample
25	3	1	213464-15	1	-NA-	Sample
26	3	2	213464-15 SD 5	1	-NA-	Sample
27	3	3	213432-3 T	1	-NA-	Sample
28	3	4	213432-13 T	1	-NA-	Sample
29	3	5	213484-3 PDS	1	-NA-	Sample
30	3	6	213467-21	1	-NA-	Sample
31	3	7	MB	1	-NA-	Sample
32	3	8	LCSM05DLCS001	1	-NA-	Sample
33	3	9	213432-1 S	1	-NA-	Sample
34	3	10	213432-2 S	1	-NA-	Sample
35	3	11	213432-4 S	1	-NA-	Sample
36	3	12	213432-5 S	1	-NA-	Sample
37	4	1	213432-6 S	1	-NA-	Sample
38	4	2	213432-7 S	1	-NA-	Sample
39	4	3	213432-8 S	1	-NA-	Sample
40	4	4	213432-9 S	1	-NA-	Sample
41	4	5	213432-10 S	1	-NA-	Sample
42	4	6	213432-11 S	1	-NA-	Sample
43	4	7	213432-12 S	1	-NA-	Sample
44	4	8	213432-14 S	1	-NA-	Sample
45	4	9	213432-15 S	1	-NA-	Sample
46	4	10	213432-16 S	1	-NA-	Sample
47	4	11	213432-16 S-MD	1	-NA-	Sample
48	4	12	213432-16 S-MS	1	-NA-	Sample

Rack #3

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	213432-16 S-PDS	1	-NA-	Sample
2	1	2	213432-16 S-SD 5	1	-NA-	Sample
3	1	3	213432-17 S	1	-NA-	Sample
4	1	4	213432-18 S	1	-NA-	Sample
5	1	5	213432-19 S	1	-NA-	Sample
6	1	6	213432-20 S	1	-NA-	Sample
7	1	7	213443-1 S	1	-NA-	Sample
8	1	8	213443-2 S	1	-NA-	Sample
9	1	9	213443-2 S-SD 5	1	-NA-	Sample
10	1	10	MB	1	-NA-	Sample
11	1	11	LCSM05DLCS001	1	-NA-	Sample
12	1	12	213467-1 S	1	-NA-	Sample
13	2	1	213467-2 S	1	-NA-	Sample
14	2	2	213467-3 S	1	-NA-	Sample
15	2	3	213467-4 S	1	-NA-	Sample
16	2	4	213467-5 S	1	-NA-	Sample
17	2	5	213467-6 S	1	-NA-	Sample
18	2	6	213467-7 S	1	-NA-	Sample
19	2	7	213467-8 S	1	-NA-	Sample
20	2	8	213467-9 S	1	-NA-	Sample
21	2	9	213467-10 S	1	-NA-	Sample
22	2	10	213467-11 S	1	-NA-	Sample
23	2	11	213467-12 S	1	-NA-	Sample
24	2	12	213467-13 S	1	-NA-	Sample
25	3	1	213467-14 S	1	-NA-	Sample
26	3	2	213467-15 S	1	-NA-	Sample
27	3	3	213467-16 S	1	-NA-	Sample
28	3	4	213467-17 S	1	-NA-	Sample
29	3	5	213467-18 S	1	-NA-	Sample
30	3	6	213467-19 S	1	-NA-	Sample
31	3	7	213467-20 S	1	-NA-	Sample
32	3	8	213467-20 S-MD	1	-NA-	Sample
33	3	9	213467-20 S-MS	1	-NA-	Sample
34	3	10	213467-20 S-PDS	1	-NA-	Sample
35	3	11	213467-20 S-SD 5	1	-NA-	Sample
(36...48	Not Used)					

Rack #4

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48	Not Used)					

Rack #5

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...47	Not Used)					
(1...47	Not Used)					

Method: STL3 Standard: STD1
Run Time: 08/21/06 11:40:32

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	-.00011	.02996	-.00115	.0476	.00073	.00122	.00884
SDev	.00010	.00087	.00108	.0003	.00000	.00004	.00010
%RSD	91.652	2.9046	94.341	.5655	.00000	3.1492	1.1514
#1	-.00013	.03093	-.00110	.0474	.00073	.00127	.00873
#2	.00000	.02967	-.00009	.0476	.00073	.00120	.00887
#3	-.00020	.02927	-.00226	.0479	.00073	.00120	.00893

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	.00036	-.00031	.00018	.01051	.00080	.17631	.00056
SDev	.00015	.00017	.00010	.00044	.00007	.00224	.00010
%RSD	43.301	53.927	57.282	4.2230	8.3333	1.2684	18.330
#1	.00027	-.00047	.00027	.01000	.00087	.17373	.00047
#2	.00027	-.00033	.00020	.01073	.00080	.17747	.00053
#3	.00053	-.00013	.00007	.01080	.00073	.17773	.00067

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	.00038	.00047	.13991	-.00002	.00200	-.00042	.02278
SDev	.00004	.00000	.00097	.00028	.00080	.00014	.00138
%RSD	10.189	.00000	.68941	1249.0	40.000	32.868	6.0433
#1	.00040	.00047	.14040	.00020	.00200	-.00047	.02120
#2	.00040	.00047	.13880	.00007	.00120	-.00027	.02373
#3	.00033	.00047	.14053	-.00033	.00280	-.00053	.02340

Elem	2203/2	1960/1	1960/2	V_2924	Zn2138	Si2881	Sn1899
Avge	-.00002	-.01064	.00856	-.00022	-.00009	.01144	-.00147
SDev	.00054	.00150	.00195	.00004	.00008	.00014	.00029
%RSD	2424.9	14.093	22.816	17.321	86.603	1.2126	19.813
#1	-.00033	-.00893	.00647	-.00027	-.00013	.01160	-.00180
#2	.00060	-.01173	.00887	-.00020	-.00013	.01140	-.00133
#3	-.00033	-.01127	.01033	-.00020	.00000	.01133	-.00127

Elem	Sr4215	Ti3349	Zr3496
Avge	.0176	.00058	.0018
SDev	.0001	.00010	.0022
%RSD	.3788	17.625	123.9
#1	.0175	.00060	.0043
#2	.0176	.00047	.0005
#3	.0177	.00067	.0005

Method: STL3 Standard: STD2
Run Time: 08/21/06 11:46:33

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	.11518	1.1923	.23265	.9988	3.2674	1.3004	5.7164
SDev	.00045	.0031	.00114	.0045	.0076	.0026	.0117
%RSD	.39399	.26040	.48809	.4478	.23221	.20276	.20500
#1	.11467	1.1893	.23320	.9954	3.2619	1.2977	5.7031
#2	.11533	1.1921	.23340	.9971	3.2643	1.3006	5.7211
#3	.11553	1.1955	.23134	1.004	3.2761	1.3030	5.7251

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	2.1190	.57873	.79500	1.3460	.37911	6.7782	4.3681
SDev	.0055	.00131	.00237	.0039	.00089	.0261	.0090
%RSD	.25987	.22690	.29778	.29290	.23417	.38476	.20593
#1	2.1147	.57727	.79267	1.3423	.37933	6.7511	4.3606
#2	2.1170	.57913	.79493	1.3457	.37813	6.7806	4.3656
#3	2.1252	.57980	.79740	1.3501	.37987	6.8031	4.3781

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	.68400	.14002	39.155	.61673	.18489	.03331	1.4419
SDev	.00114	.00043	.058	.00192	.00073	.00052	.0064
%RSD	.16626	.30610	.14935	.31180	.39718	1.5545	.44661
#1	.68433	.14020	39.091	.61460	.18440	.03347	1.4482
#2	.68273	.13953	39.168	.61727	.18453	.03273	1.4423
#3	.68493	.14033	39.205	.61833	.18573	.03373	1.4353

Elem	2203/2	1960/1	1960/2	V_2924	Zn2138	Si2881	Sn1899
Avge	.50842	.28769	.42424	.19698	.35302	.07758	.18793
SDev	.00039	.00326	.00052	.00044	.00014	.00014	.00146
%RSD	.07683	1.1334	.12206	.22535	.03931	.17889	.77800
#1	.50887	.28933	.42467	.19660	.35313	.07753	.18633
#2	.50813	.28980	.42367	.19687	.35307	.07747	.18827
#3	.50827	.28393	.42440	.19747	.35287	.07773	.18920

Elem	Sr4215	Ti3349	Zr3496
Avge	8.680	3.4338	5.722
SDev	.024	.0106	.016
%RSD	.2772	.30828	.2781
#1	8.657	3.4278	5.704
#2	8.678	3.4275	5.725
#3	8.705	3.4460	5.736

Method: STL3 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	STD2	STD1	865.452	.096161	08/21/06 11:46:33
Al3082	308.215	STD2	STD1	9474.33	-283.809	08/21/06 11:46:33
As1890	189.042	STD2	STD1	4271.97	4.90937	08/21/06 11:46:33
B_2496	249.678	STD2	STD1	1054.51	-50.2415	08/21/06 11:46:33
Ba4934	493.409	STD2	STD1	306.137	-.224501	08/21/06 11:46:33
Be3130	313.042	STD2	STD1	769.328	-.940290	08/21/06 11:46:33
Ca3179	317.933	STD2	STD1	8760.32	-77.4801	08/21/06 11:46:33
Cd2265	226.502	STD2	STD1	472.963	-.168164	08/21/06 11:46:33
Co2286	228.616	STD2	STD1	1726.97	.537278	08/21/06 11:46:33
Cr2677	267.716	STD2	STD1	1257.87	-.223622	08/21/06 11:46:33
Cu3247	324.753	STD2	STD1	748.783	-7.87054	08/21/06 11:46:33
Fe2714	271.441	STD2	STD1	29272.9	-23.4183	08/21/06 11:46:33
K_7664	766.491	STD2	STD1	7573.54	-1335.30	08/21/06 11:46:33
Mg2790	279.078	STD2	STD1	11446.3	-6.35908	08/21/06 11:46:33
Mn2576	257.610	STD2	STD1	1464.25	-.553160	08/21/06 11:46:33
Mo2020	202.030	STD2	STD1	7165.61	-3.34395	08/21/06 11:46:33
Na5889	588.995	STD2	STD1	1281.56	-179.304	08/21/06 11:46:33
Ni2316	231.604	STD2	STD1	1619.37	.035986	08/21/06 11:46:33
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Sb2068	206.838	STD2	STD1	5453.28	-10.9066	08/21/06 11:46:33
Tl1908	190.864	STD2	STD1	28930.6	12.2152	08/21/06 11:46:33
2203/1	220.351	STD2	STD1	706.545	-16.0935	08/21/06 11:46:33
2203/2	220.352	STD2	STD1	1960.83	.043574	08/21/06 11:46:33
1960/1	196.021	STD2	STD1	3359.10	35.7557	08/21/06 11:46:33
1960/2	196.022	STD2	STD1	2394.47	-20.4860	08/21/06 11:46:33
V_2924	292.402	STD2	STD1	5012.59	1.11391	08/21/06 11:46:33
Zn2138	213.856	STD2	STD1	2855.51	.253824	08/21/06 11:46:33
Si2881	288.158	STD2	STD1	15054.0	-172.284	08/21/06 11:46:33
Sn1899	189.989	STD2	STD1	5275.19	7.73694	08/21/06 11:46:33
Sr4215	421.552	STD2	STD1	115.620	-2.03492	08/21/06 11:46:33
Ti3349	334.941	STD2	STD1	291.258	-.168283	08/21/06 11:46:33
Zr3496	349.621	STD2	STD1	174.832	-.306927	08/21/06 11:46:33

Method: STL3 Sample Name: ICVM06FWRK005 Operator: NP
Run Time: 08/21/06 12:00:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	101.2706	9994.323	1027.704	1097.287	1010.713	976.8331	24542.32
SDev	3.3174	40.632	5.709	2.657	2.298	7.0920	203.86
%RSD	3.275728	.4065466	.5554928	.2421333	.2273245	.7260162	.8306520
#1	102.3880	9950.357	1030.822	1096.641	1008.468	969.4841	24322.92
#2	103.8850	10002.12	1031.175	1095.012	1010.611	977.3789	24578.14
#3	97.53886	10030.49	1021.115	1100.207	1013.060	983.6365	24725.90

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	992.1643	1014.395	996.5275	1005.163	9942.376	47401.94	24309.57
SDev	3.0089	6.536	6.1656	2.212	22.476	75.31	57.26
%RSD	.3032682	.6443283	.6187061	.2200564	.2260625	.1588750	.2355380
#1	988.9306	1006.915	990.8240	1003.116	9923.600	47324.69	24251.57
#2	992.6804	1017.271	995.6892	1004.863	9936.247	47405.98	24311.09
#3	994.8817	1019.000	1003.069	1007.509	9967.280	47475.15	24366.06

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1000.931	989.1721	48204.85	1023.559	1002.217	1005.154	976.3157
SDev	1.724	1.9888	97.02	6.304	10.844	4.063	4.2162
%RSD	.1722702	.2010604	.2012617	.6158624	1.082037	.4042067	.4318452
#1	1000.086	989.8090	48121.35	1017.931	993.6490	1001.778	971.5613
#2	999.7921	986.9428	48181.93	1022.376	998.5925	1004.021	977.7859
#3	1002.915	990.7643	48311.28	1030.371	1014.409	1009.664	979.5999

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1007.595	1003.505	1005.977	1003.799	1002.215	996.5779	1000.822
SDev	11.084	6.655	2.802	9.004	10.852	4.6869	2.772
%RSD	1.100027	.6632014	.2785404	.8969612	1.082812	.4702984	.2769526
#1	1013.971	997.4893	1003.919	1008.434	993.6336	991.7955	999.1389
#2	1014.019	1002.372	1004.844	993.4222	998.5971	996.7751	999.3053
#3	994.7969	1010.654	1009.168	1009.541	1014.414	1001.163	1004.021

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	2022.421	1014.387	984.3148	978.4209	979.3349
SDev	9.698	7.707	4.0913	1.3692	5.9455
%RSD	.4795126	.7597239	.4156520	.1399374	.6070993
#1	2013.672	1005.954	980.1848	978.4659	972.9827
#2	2020.744	1016.141	984.3934	977.0298	980.2557
#3	2032.848	1021.065	988.3663	979.7670	984.7663

Method: STL3 Sample Name: ICB Operator: NP
Run Time: 08/21/06 12:06:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.019918	-5.89817	2.502366	.9611634	.0476324	.0174898	-.194674
SDev	.266682	4.55069	3.652052	1.269679	.0235968	.0298547	.674372
%RSD	8.830785	77.15437	145.9440	132.0981	49.53941	170.6978	346.4110
#1	3.327856	-.848707	-1.60040	2.274850	.0612594	.0347813	.1946748
#2	2.865877	-9.68227	5.398138	.8680167	.0612526	.0346715	.1946748
#3	2.866020	-7.16352	3.709354	-.259377	.0203851	-.016983	-.973371

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1368260	-.151538	.3073152	.3160374	-1.28608	-23.2255	.2541114
SDev	.0178682	.304388	.1282080	.1800090	8.09638	2.7808	1.165966
%RSD	13.05906	200.8656	41.71873	56.95814	629.5396	11.97295	458.8406
#1	.1485135	-.380440	.1951673	.1662174	-7.77155	-23.0572	1.272065
#2	.1162573	-.268074	.4470816	.2661727	-3.87475	-20.5327	.5082237
#3	.1457071	.1938998	.2796968	.5157221	7.788063	-26.0866	-1.01795

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.032695	1.114650	9.084810	-.072706	-4.25302	.4640721	3.779437
SDev	.056327	.729710	5.220070	.286511	2.87228	.3006071	11.05452
%RSD	172.2790	65.46537	57.45931	394.0707	67.53508	64.77596	292.4911
#1	.0323458	1.910828	14.46736	-.290773	-1.32713	.2884479	15.67123
#2	-.065319	.4777070	8.743062	.2517897	-4.36343	.8111751	1.851159
#3	-.065113	.9554142	4.044012	-.179133	-7.06850	.2925933	-6.18408

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.568579	-.091964	.7408736	-.746690	-4.25713	-.209724	.0015389
SDev	6.672282	1.352113	.7209370	3.157748	2.87317	.337002	.2943480
%RSD	259.7655	1470.268	97.30904	422.8997	67.49078	160.6884	19127.08
#1	10.27306	-1.58355	1.222244	2.610398	-1.33167	-.200282	.2596346
#2	-1.29429	.2543430	1.088374	-3.65765	-4.36474	-.551348	.0640132
#3	-1.27303	1.053315	-.087997	-1.19282	-7.07499	.1224578	-.319031

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	-3.68233	3.986342	.0359765	.3171622	-.042737
SDev	.00608	3.760230	.0247579	.1872638	.337069
%RSD	.1650312	94.32781	68.81683	59.04355	788.7111
#1	-3.68727	6.330765	.0539503	.5307664	.3224678
#2	-3.68417	5.979109	.0462421	.2394756	-.108784
#3	-3.67554	-.350847	.0077371	.1812448	-.341894

Method: STL3 Sample Name: CRIM06FWRK007 Operator: NP
Run Time: 08/21/06 12:12:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	12.17182	206.1013	15.38695	28.05484	209.3565	5.070759	5026.865
SDev	.48391	4.7417	1.61124	.21429	.4826	.029649	37.089
%RSD	3.975684	2.300657	10.47147	.7638168	.2304944	.5847136	.7378088
#1	12.72960	211.5765	16.70272	28.28863	209.0095	5.087946	4989.488
#2	11.86399	203.3647	13.58992	28.00812	209.1524	5.036523	5027.449
#3	11.92188	203.3626	15.86821	27.86776	209.9076	5.087810	5063.658

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.243952	51.52173	10.28689	25.13027	76.28533	3662.900	5017.945
SDev	.109503	.17642	.19376	.38993	1.93863	13.170	3.965
%RSD	2.088185	.3424183	1.883528	1.551636	2.541282	.3595417	.0790231
#1	5.180562	51.71412	10.51062	24.68094	78.21621	3653.139	5013.367
#2	5.180898	51.36755	10.17496	25.33000	76.30073	3657.683	5020.234
#3	5.370396	51.48352	10.17510	25.37987	74.33905	3677.879	5020.235

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15.69884	-.159236	4434.619	40.89805	30.52581	9.838763	55.80213
SDev	.05642	.275804	14.560	.18791	5.32709	.374788	5.38033
%RSD	.3594211	173.2051	.3283231	.4594665	17.45110	3.809301	9.641792
#1	15.66639	-.000000	4436.356	40.79074	26.06226	9.419610	51.66535
#2	15.66614	-.477707	4419.269	40.78837	29.09215	10.14161	61.88464
#3	15.76399	-.000000	4448.232	41.11503	36.42302	9.955072	53.85640

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21.56979	10.37814	9.568680	37.09016	30.51857	52.16763	60.37206
SDev	5.89311	2.04313	1.048183	2.06904	5.33441	.19138	.21877
%RSD	27.32112	19.68688	10.95431	5.578397	17.47922	.3668564	.3623775
#1	20.28769	9.292731	9.482156	38.28565	26.04936	51.94667	60.24507
#2	27.99841	9.106790	10.65744	38.28378	29.08228	52.27527	60.24643
#3	Q16.42328	12.73490	8.566441	34.70104	36.42408	52.28096	60.62468

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	329.3004	1.990892	-.114835	.2700230	-.217569
SDev	1.5345	3.191069	.010681	.0114876	.037467
%RSD	.4659759	160.2834	9.300784	4.254291	17.22080
#1	330.6445	-.353719	-.126561	.2567594	-.190373
#2	329.6282	5.624909	-.112283	.2765112	-.202028
#3	327.6286	.7014875	-.105662	.2767986	-.260305

Method: STL3 Sample Name: ISAM06FWRK008 Operator: NP
Run Time: 08/21/06 12:18:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.225957	467627.9	4.055965	34.34089	-.105036	-.222266	424372.8
SDev	.327701	2599.7	10.84449	.35044	.017238	.000024	3517.9
%RSD	26.73023	.5559394	267.3714	1.020479	16.41113	.0106886	.8289645
#1	1.590989	464655.7	-6.48129	34.34027	-.121973	-.222265	420378.6
#2	1.129764	469478.8	3.465618	34.69164	-.087513	-.222243	425728.8
#3	.9571176	468749.2	15.18357	33.99076	-.105621	-.222290	427010.8

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.84277	-1.56429	.0205963	-.651645	174670.9	-43.2533	461328.8
SDev	.76116	.46914	.1409081	.221232	224.2	7.4377	1018.2
%RSD	7.019934	29.99061	684.1431	33.94973	.1283722	17.19566	.2207170
#1	9.964424	-1.64646	-.055225	-.861310	174546.0	-51.3318	460297.1
#2	11.30913	-1.05949	-.066167	-.673199	174929.7	-41.7386	462333.0
#3	11.25475	-1.98691	.1831802	-.420425	174536.9	-36.6896	461356.2

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.25255	-4.77707	37.16518	-2.32848	-12.1249	2.726842	1.223868
SDev	.06242	1.72240	10.54737	.56070	5.7620	2.118817	7.709526
%RSD	1.467791	36.05551	28.37971	24.08024	47.52218	77.70222	629.9313
#1	-4.25000	-6.68790	27.45382	-2.96322	-16.5206	1.457236	-5.82395
#2	-4.31621	-3.34395	35.65579	-2.12167	-14.2525	5.172850	9.457659
#3	-4.19145	-4.29936	48.38594	-1.90056	-5.60165	1.550442	.0378952

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-23.6006	3.343501	2.418176	-9.59696	-12.1281	-.007960	-9.73204
SDev	16.6253	5.623139	4.313565	8.27242	5.7603	.201590	.30865
%RSD	70.44435	168.1812	178.3810	86.19834	47.49536	2532.672	3.171435
#1	-40.8206	9.010239	-2.31440	-12.2772	-16.5255	-.147907	-9.96553
#2	-22.3394	3.255264	6.129406	-16.1969	-14.2512	-.099075	-9.38211
#3	-7.64182	-2.23500	3.439526	-.316746	-5.60761	.2231030	-9.84849

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	133.8141	-1.17497	-7.46404	-.020639	-.641051
SDev	5.6191	1.58591	.08585	.080233	.105115
%RSD	4.199192	134.9738	1.150240	388.7466	16.39727
#1	127.7546	-1.05776	-7.36991	-.088753	-.749835
#2	138.8528	-2.81623	-7.48417	-.040966	-.633280
#3	134.8350	.3490764	-7.53804	.0678026	-.540037

Method: STL3 Sample Name: ISBM06FWRK010 Operator: NP
Run Time: 08/21/06 12:24:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	199.5622	469673.0	96.26373	35.48315	472.0141	443.7269	425596.7
SDev	.8545	2064.4	5.93919	.50505	.8359	2.3180	2644.4
%RSD	.4281876	.4395335	6.169704	1.423338	.1770932	.5224007	.6213483
#1	198.5807	467290.2	103.0223	35.26664	471.2679	441.0608	422579.8
#2	199.9660	470920.1	93.89208	35.12246	472.9174	444.8549	426696.6
#3	200.1401	470808.8	91.87683	36.06036	471.8568	445.2651	427513.6

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	890.3146	451.7555	444.5566	521.5269	173886.8	-37.3628	460357.5
SDev	1.4486	2.7674	1.5484	.5954	83.6	15.2839	651.4
%RSD	.1627057	.6125801	.3483022	.1141649	.0480832	40.90684	.1415006
#1	888.7007	448.9882	442.8013	520.9325	173932.8	-51.3318	459691.6
#2	891.5023	451.7554	445.7288	522.1233	173937.3	-39.7190	460993.4
#3	890.7408	454.5229	445.1398	521.5248	173790.3	-21.0376	460387.5

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	442.8278	-6.68790	66.09992	870.3307	Q32.46866	48.92625	549.5942
SDev	.6824	2.38853	6.28085	3.8140	9.44471	1.03305	11.5965
%RSD	.1540901	35.71428	9.502052	.4382192	29.08870	2.111438	2.110012
#1	443.5990	-9.07643	59.74909	865.9429	Q30.90726	47.75158	536.5906
#2	442.5820	-6.68790	66.24231	872.1979	42.59677	49.69327	553.3285
#3	442.3023	-4.29936	72.30836	872.8512	Q23.90195	49.33392	558.8635

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	Q75.90858	50.90988	47.93513	43.24721	32.45720	452.4455	928.9204
SDev	13.49164	2.34067	2.44276	8.00463	9.45935	1.5734	.9604
%RSD	17.77354	4.597671	5.095965	18.50902	29.14407	.3477466	.1033865
#1	Q66.09860	52.15646	45.55164	51.08126	30.88640	450.6288	928.2120
#2	Q70.33273	48.20975	50.43312	35.08225	42.60362	453.3408	930.0135
#3	91.29439	52.36342	47.82063	43.57814	23.88158	453.3670	928.5358

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	135.9738	3.513971	-7.14362	-.003641	-.613855
SDev	6.1410	6.417247	.06181	.087330	.117907
%RSD	4.516336	182.6209	.8652089	2398.660	19.20759
#1	128.9058	.3491066	-7.07367	.0246811	-.749835
#2	139.0136	-.706078	-7.16634	.0660129	-.540037
#3	140.0020	10.89888	-7.19085	-.101616	-.551692

Method: STL3 Sample Name: CCVM06FWRK006 Operator: NP
Run Time: 08/21/06 12:30:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.67543	4999.412	516.1317	540.0867	513.5984	499.1950	18780.56
SDev	.34499	4.136	3.0136	.9897	1.1372	1.2437	37.20
%RSD	.6676066	.0827291	.5838807	.1832567	.2214177	.2491446	.1980750
#1	52.02120	4999.644	512.8740	539.2877	512.2854	497.8613	18751.94
#2	51.67387	5003.427	518.8199	539.7786	514.2447	500.3231	18822.61
#3	51.33123	4995.165	516.7012	541.1938	514.2653	499.4005	18767.13

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	503.8364	515.7937	506.2341	507.3997	4942.717	37630.22	18541.38
SDev	.9595	2.5938	2.1566	.8793	28.665	78.53	14.13
%RSD	.1904441	.5028732	.4260020	.1732994	.5799457	.2087015	.0761957
#1	502.8120	513.2951	503.8015	506.3848	4968.992	37540.18	18527.65
#2	503.9828	518.4732	507.9115	507.8826	4947.013	37684.59	18555.88
#3	504.7143	515.6127	506.9892	507.9318	4912.146	37665.90	18540.62

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	506.1629	493.7898	38559.95	520.4971	514.2109	506.5165	504.4318
SDev	.6647	5.1080	107.72	.2737	2.4771	1.0548	12.9490
%RSD	.1313215	1.034446	.2793629	.0525881	.4817199	.2082430	2.567043
#1	506.6830	491.0828	38438.15	520.2067	516.6044	505.4234	519.3697
#2	505.4141	490.6051	38642.69	520.7504	514.3703	507.5282	497.5306
#3	506.3917	499.6816	38599.03	520.5343	511.6580	506.5978	496.3953

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	493.2235	507.2779	506.1355	526.4043	514.1981	506.4610	509.9835
SDev	16.0583	4.3378	1.4451	7.6624	2.4868	1.2274	1.2712
%RSD	3.255787	.8551129	.2855219	1.455617	.4836356	.2423458	.2492598
#1	480.4036	505.4029	505.4328	520.8069	516.5996	505.3148	509.3492
#2	511.2355	512.2378	505.1762	523.2689	514.3608	506.3121	509.1542
#3	488.0315	504.1931	507.7976	535.1372	511.6338	507.7560	511.4470

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	866.6760	495.6046	502.6442	492.4417	482.4624
SDev	2.6812	5.4923	1.1013	.9578	2.3259
%RSD	.3093695	1.108195	.2191048	.1944975	.4820982
#1	863.6341	499.1230	501.4298	491.6977	479.8865
#2	868.6961	498.4150	503.5782	492.1051	484.4089
#3	867.6978	489.2759	502.9246	493.5224	483.0918

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 08/21/06 12:36:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1733489	-.842144	.0545092	-1.92199	.0135939	-.051053	1.752061
SDev	.2402027	8.839641	1.647412	.22699	.0235825	.029621	.674372
%RSD	138.5661	1049.660	3022.267	11.80996	173.4793	58.02132	38.49018
#1	.0965939	9.259349	1.796921	-1.66303	.0408246	-.016850	1.362712
#2	-.019096	-4.62437	-1.47773	-2.01642	-.000019	-.067948	2.530758
#3	.4425485	-7.16141	-.155662	-2.08652	-.000024	-.068360	1.362712

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1675284	-.152049	.2792991	.0165269	3.268828	-11.6128	1.271313
SDev	.1205397	.304643	.0838279	.1498190	6.288926	11.5834	1.321710
%RSD	71.95181	200.3591	30.01365	906.5178	192.3908	99.74733	103.9642
#1	.3054872	-.035227	.1953906	-.133299	-3.90064	-19.5228	2.797491
#2	.1145280	.0768939	.3630461	.0165396	5.853744	-16.9984	.5089729
#3	.0825699	-.497813	.2794607	.1663395	7.853379	1.682972	.5074736

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.065424	.6369426	80.16859	-.396004	-1.69626	-1.27432	6.452816
SDev	.097358	.7297095	5.34444	.284157	7.88235	1.64932	2.760639
%RSD	148.8105	114.5644	6.666503	71.75603	464.6906	129.4273	42.78192
#1	-.065529	1.433121	81.53558	-.718415	3.773008	-1.46940	9.143932
#2	.0319864	-.000000	84.69676	-.287555	-10.7314	-2.81742	6.586969
#3	-.162729	.4777070	74.27341	-.182041	1.869651	.4638637	3.627547

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.638258	-2.43202	-.697136	2.761603	-1.70132	-.326728	-.124357
SDev	6.781673	2.32112	1.360010	3.862197	7.89135	.514817	.003158
%RSD	1062.529	95.43991	195.0853	139.8534	463.8363	157.5675	2.539201
#1	-7.07769	-2.15071	-1.13006	-1.41941	3.777605	-.205804	-.120815
#2	-1.27748	-4.88097	-1.78798	3.508265	-10.7463	-.891243	-.125381
#3	6.440395	-.264377	.8266361	6.195954	1.864720	.1168633	-.126877

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	-5.02165	5.275669	.0102247	.0906621	-.077703
SDev	2.31020	5.526816	.0044605	.0681884	.408163
%RSD	46.00471	104.7605	43.62433	75.21156	525.2856
#1	-3.68908	9.143704	.0153751	.1618343	.3924007
#2	-3.68663	7.737607	.0076319	.0259119	-.341894
#3	-7.68923	-1.05430	.0076670	.0842402	-.283616

Method: STL3 Sample Name: MB Operator: NP
Run Time: 08/21/06 12:42:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0771651	L-13.6823	1.602483	-3.82486	.5849667	-.068231	-3.30945
SDev	.1199888	8.4810	1.424467	.28403	.0117984	.000077	.58402
%RSD	155.4962	61.98543	88.89127	7.425878	2.016932	.1122252	17.64710
#1	-.019009	-3.99837	3.046698	-3.77820	.5713431	-.068276	-3.89348
#2	.0388793	L-17.2617	.1986209	-4.12933	.5917812	-.068142	-3.30945
#3	.2116249	L-19.7868	1.562129	-3.56705	.5917758	-.068274	-2.72543

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.036608	.2301373	6.317300	.3992363	27.29113	36.18471	1.038745
SDev	.065986	.1765460	.145326	.2078595	1.96668	3.36180	2.202851
%RSD	180.2530	76.71336	2.300439	52.06427	7.206289	9.290670	212.0686
#1	-.110537	.0767840	6.233409	.1662654	29.25525	32.48210	-.233073
#2	.0163265	.4231350	6.233384	.4657319	25.32191	39.04583	-.233071
#3	-.015612	.1904928	6.485107	.5657116	27.29624	37.02619	3.582378

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.765171	-.000000	651.3165	1.583467	-8.27539	-3.76340	-7.52680
SDev	.000149	.477707	37.8012	.810397	2.25572	.35294	1.65860
%RSD	.0053861	577e6	5.803813	51.17861	27.25816	9.378187	22.03593
#1	2.765009	-.000000	607.9144	.7921630	-7.04964	-4.14432	-5.81121
#2	2.765202	.4777070	677.0330	1.546545	L-10.8786	-3.44748	-7.64737
#3	2.765302	-.477707	669.0019	2.411694	-6.89793	-3.69840	-9.12183

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.972606	-8.15210	-1.57314	8.585616	-8.29287	-.334663	4.048182
SDev	5.564745	1.72029	1.17157	3.815530	2.25990	.188029	.326525
%RSD	282.1012	21.10244	74.47334	44.44096	27.25116	56.18450	8.065978
#1	-1.23790	-8.07709	-2.18169	10.89942	-7.06821	-.223322	3.671151
#2	8.398220	-9.90868	-.222526	10.67571	L-10.9008	-.551756	4.238974
#3	-1.24251	-6.47054	-2.31521	4.181715	-6.90962	-.228911	4.234419

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	-4.95667	4.455508	-.097536	-.001001	-.439023
SDev	2.32183	2.991040	.019381	.011213	.037467
%RSD	46.84264	67.13129	19.87035	1119.877	8.534204
#1	-7.63769	7.386228	-.115504	.0055198	-.481759
#2	-3.61893	4.572704	-.100105	-.013948	-.411826
#3	-3.61339	1.407593	-.076998	.0054249	-.423482

Method: STL3 Sample Name: LCSM06HLCS001 Operator: NP
Run Time: 08/21/06 12:48:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	297.2579	5981.161	1017.741	518.1379	307.0435	114.2145	30911.27
SDev	.9337	27.857	3.125	1.1234	1.0410	.4946	146.82
%RSD	.3141137	.4657417	.3070152	.2168130	.3390328	.4330133	.4749607
#1	296.1797	5952.129	1019.326	516.9499	305.9892	113.6829	30741.90
#2	297.7968	5983.683	1019.755	518.2809	307.0708	114.2995	31002.38
#3	297.7972	6007.671	1014.141	519.1830	308.0706	114.6610	30989.53

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	305.9288	310.8527	306.1326	312.9007	25335.57	16555.08	15062.42
SDev	1.6974	2.1399	1.3958	1.3290	36.81	91.95	49.60
%RSD	.5548405	.6883811	.4559543	.4247488	.1452724	.5554036	.3293067
#1	304.0838	308.4721	304.5391	311.5031	25309.75	16465.04	15012.82
#2	307.4241	311.4699	306.7198	313.0503	25319.25	16551.38	15062.42
#3	306.2785	312.6161	307.1390	314.1486	25377.71	16648.83	15112.02

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	204.5061	302.7070	27253.42	308.7107	529.1649	1009.625	995.7594
SDev	.1116	2.3565	254.41	1.7858	6.9422	1.814	2.8843
%RSD	.0545659	.7784622	.9334895	.5784548	1.311925	.1796867	.2896554
#1	204.3772	300.0000	27015.71	306.8733	524.1585	1008.512	993.5732
#2	204.5713	303.8217	27222.81	310.4399	526.2463	1008.644	994.6767
#3	204.5697	304.2994	27521.75	308.8188	537.0900	1011.718	999.0284

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	987.6641	1014.092	1007.393	556.5746	529.1368	304.9111	313.8256
SDev	11.0373	6.511	2.864	10.3670	6.9579	1.3606	.3170
%RSD	1.117516	.6420902	.2843247	1.862638	1.314962	.4462291	.1010043
#1	978.6098	1006.576	1009.478	557.9217	524.1241	303.5437	313.4596
#2	984.4235	1017.689	1004.127	566.2021	526.2057	304.9249	314.0116
#3	999.9589	1018.012	1008.575	545.5999	537.0808	306.2648	314.0056

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	509.6355	-.283265	-.189938	1023.226	.2758460
SDev	2.0950	1.760601	.000199	2.649	.3683938
%RSD	.4110841	621.5388	.1048499	.2589214	133.5505
#1	510.2995	-2.04714	-.189996	1020.869	.6604763
#2	511.3180	1.474044	-.190102	1022.715	.2408796
#3	507.2889	-.276699	-.189716	1026.093	-.073818

Method: STL3 Sample Name: 213446-10 C Operator: NP
Run Time: 08/21/06 12:54:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0821612	L-13.0765	6.687182	51.06295	45.79818	-.103371	H173478.8
SDev	.0881027	7.9995	1.880368	.71285	.08898	.029585	516.0
%RSD	107.2315	61.17506	28.11899	1.396020	.1942799	28.62027	.2974222
#1	.1587138	-4.02179	8.206337	51.83538	45.75733	-.120293	H172989.0
#2	-.014140	L-16.0219	7.271073	50.92302	45.90025	-.120610	H173430.0
#3	.1019095	L-19.1857	4.584135	50.43044	45.73696	-.069209	H174017.5

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7274586	.5912213	.6556367	3.661315	-8.78662	3607.866	2567.067
SDev	.1813770	.0672921	.4624814	.049757	4.05742	15.326	7.092
%RSD	24.93296	11.38188	70.53928	1.359004	46.17728	.4247825	.2762727
#1	.9368945	.6267875	.6846757	3.661465	-4.23698	3624.359	2572.921
#2	.6229491	.5136092	1.102915	3.611483	L-12.0301	3605.173	2569.100
#3	.6225322	.6332673	.1793201	3.710998	L-10.0928	3594.065	2559.181

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	103.4295	-1.43312	H163716.8	2.135860	-7.27228	13.18108	-6.94084
SDev	.3696	1.26389	335.4	.225905	2.70053	1.27286	4.03740
%RSD	.3573561	88.19171	.2048748	10.57676	37.13453	9.656743	58.16868
#1	103.8525	-2.38854	H163637.4	1.882373	-6.57228	11.85871	-5.39614
#2	103.1691	-1.91083	H163428.2	2.209302	-4.99067	14.39786	-3.90387
#3	103.2668	-.000000	H164084.8	2.315906	L-10.2539	13.28669	L-11.5225

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.101551	12.77575	13.38265	28.41301	-7.30862	3.456395	110.2580
SDev	7.802223	1.06797	1.38625	6.21472	2.70161	.319930	.7689
%RSD	85.72411	8.359351	10.35859	21.87281	36.96471	9.256161	.6973465
#1	16.18287	11.77600	11.89920	35.58438	-6.61515	3.779039	110.9562
#2	.7374219	13.90087	14.64518	25.05405	-5.02135	3.450896	109.4339
#3	10.38436	12.65037	13.60357	24.60061	L-10.2894	3.139251	110.3838

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	2483.722	L-15.0080	578.9374	.8626926	-.155406
SDev	4.058	4.4528	1.4067	.3001338	.306386
%RSD	.1633641	29.66966	.2429844	34.79035	197.1516
#1	2487.402	L-20.0485	577.3591	1.208686	.1942577
#2	2484.395	L-13.3669	580.0591	.7069241	-.376860
#3	2479.371	L-11.6086	579.3940	.6724678	-.283616

Method: STL3 Sample Name: 213446-18 C Operator: NP
Run Time: 08/21/06 13:00:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1812419	50.30887	3.129515	40.91456	132.2717	-.017160	6680.813
SDev	.1854676	9.43364	1.007661	.08210	.2150	.000241	31.445
%RSD	102.3315	18.75145	32.19864	.2006661	.1625685	1.404762	.4706773
#1	.3928043	61.04739	3.529754	40.86864	132.0676	-.017085	6644.604
#2	.0466639	46.52290	1.983226	41.00935	132.4962	-.016966	6696.582
#3	.1042575	43.35632	3.875565	40.86570	132.2512	-.017430	6701.253

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8376943	1.662969	2.748939	26.52329	-6.87095	689.3604	665.0211
SDev	.1303043	.304719	.193719	.42653	7.85739	3.1532	2.2017
%RSD	15.55511	18.32379	7.047047	1.608136	114.3568	.4574077	.3310794
#1	.6913527	1.547707	2.860696	26.12393	L-11.4142	685.8259	663.7518
#2	.8805779	1.432695	2.525251	26.47336	L-11.4006	691.8849	663.7480
#3	.9411522	2.008506	2.860869	26.97259	2.201987	690.3702	667.5634

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	114.1019	1.910828	H153324.1	6.819879	-5.57464	114.7926	-8.06486
SDev	.2818	.000000	92.7	.389861	1.85939	1.4779	2.03177
%RSD	.2469367	.0000000	.0604327	5.716540	33.35435	1.287488	25.19291
#1	114.4273	1.910828	H153237.0	7.252864	-7.22045	116.4888	-5.87412
#2	113.9393	1.910828	H153313.9	6.496687	-5.94582	113.7822	-9.88727
#3	113.9392	1.910828	H153421.5	6.710088	-3.55767	114.1067	-8.43319

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.959542	110.6667	116.8515	24.93606	-5.60579	.2508227	157.4214
SDev	10.63574	2.6726	1.2569	5.30556	1.86631	.5103399	.6867
%RSD	268.6102	2.415043	1.075643	21.27666	33.29256	203.4664	.4362239
#1	-3.11896	113.4883	117.9861	28.22032	-7.25652	.1394915	158.1827
#2	-1.19258	110.3387	115.5004	27.77268	-5.98017	-.194661	157.2328
#3	16.19017	108.1732	117.0682	18.81518	-3.58066	.8076379	156.8487

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	503.7606	-2.69970	37.98509	.0557713	-.392401
SDev	1.5302	1.42128	.11269	.0221583	.071216
%RSD	.3037618	52.64582	.2966580	39.73072	18.14881
#1	505.0966	-1.05855	37.86285	.0813576	-.330238
#2	504.0941	-3.52023	38.08482	.0429756	-.470104
#3	502.0912	-3.52033	38.00760	.0429808	-.376860

Method: STL3 Sample Name: 213446-20 C Operator: NP
Run Time: 08/21/06 13:06:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1057113	L-11.5640	2.794659	37.07379	122.6931	-.068256	74761.91
SDev	.2515720	5.5093	1.353887	.25192	.0311	.000162	360.38
%RSD	237.9803	47.64206	48.44552	.6795223	.0253849	.2375541	.4820316
#1	-.009671	-5.24429	1.676206	36.79413	122.6591	-.068091	74357.77
#2	-.067473	L-14.0926	2.407942	37.14426	122.6999	-.068415	74878.13
#3	.3942783	L-15.3552	4.299829	37.28297	122.7203	-.068262	75049.84

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.908305	2.036140	.2062533	8.470007	L-20.4409	826.3573	3791.679
SDev	.174014	.240234	.2223946	.175268	8.7822	13.1404	6.165
%RSD	5.983362	11.79851	107.8260	2.069279	42.96385	1.590157	.1626034
#1	2.752109	1.766977	.4584838	8.303618	L-28.8744	813.5665	3786.087
#2	2.876934	2.112620	.0383742	8.453425	L-21.1010	825.6841	3790.659
#3	3.095871	2.228824	.1219020	8.652976	L-11.3473	839.8214	3798.291

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	183.4198	-3.18471	H161980.7	10.31093	L-11.8061	332.8893	L-10.2850
SDev	.4817	.27580	388.3	.48559	1.1220	.5421	1.5991
%RSD	.2626221	8.660256	.2397474	4.709505	9.503276	.1628575	15.54787
#1	183.9732	-3.34395	H161616.8	10.77777	L-11.6952	332.4579	-9.20188
#2	183.0944	-3.34395	H161935.7	9.808536	L-12.9794	332.7121	-9.53157
#3	183.1919	-2.86624	H162389.6	10.34649	L-10.7437	333.4978	L-12.1217

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.375011	331.2000	333.7318	29.38848	L-11.8480	-.229794	361.6575
SDev	5.568681	2.6246	.9642	6.40383	1.1224	.334139	7.2027
%RSD	164.9975	.7924503	.2889050	21.79029	9.473491	145.4082	1.991586
#1	6.575611	331.3909	332.9897	36.78186	L-11.7444	-.565747	357.2154
#2	-3.05513	328.4852	334.8216	25.57947	L-13.0186	.1025004	357.7892
#3	6.604548	333.7240	333.3841	25.80412	L-10.7810	-.226134	369.9679

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	1139.990	-3.28533	171.2826	.0238610	-.547807
SDev	2.086	3.60936	.3098	.0087811	.013459
%RSD	.1829504	109.8629	.1808454	36.80092	2.456813
#1	1137.653	-4.22311	170.9299	.0339785	-.540037
#2	1140.655	.7003598	171.4076	.0182239	-.563348
#3	1141.661	-6.33326	171.5103	.0193806	-.540037

Method: STL3 Sample Name: 213471-1 C Operator: NP
Run Time: 08/21/06 13:12:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.150761	L-21.7103	3.363702	80.02766	20.67456	-.086051	13722.94
SDev	.033199	2.5261	.828166	.60001	.10603	.029500	75.39
%RSD	22.02086	11.63567	24.62069	.7497558	.5128438	34.28229	.5493617
#1	-.131586	L-19.1849	2.875249	79.39607	20.55212	-.069106	13635.92
#2	-.189095	L-24.2372	2.895944	80.59010	20.73578	-.120114	13764.41
#3	-.131600	L-21.7086	4.319911	80.09682	20.73576	-.068932	13768.49

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.135688	.9165935	.6140258	1.281225	L-15.3255	1943.539	2542.910
SDev	.137175	.2392133	.1744420	.230515	5.9722	15.003	16.812
%RSD	101.0957	26.09809	28.40955	17.99178	38.96877	.7719621	.6611265
#1	-.229212	.9932008	.4185070	1.015049	L-21.8512	1926.372	2523.577
#2	.0217847	.6484605	.7537292	1.414299	L-13.9936	1954.141	2551.049
#3	-.199637	1.108119	.6698413	1.414327	L-10.1318	1950.102	2554.102

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	38.25373	2.547771	14705.11	.9210867	-7.75076	-1.42708	-6.70099
SDev	.09722	.275804	86.99	.5705126	1.75534	.61341	2.21583
%RSD	.2541539	10.82532	.5915541	61.93908	22.64727	42.98370	33.06716
#1	38.15656	2.388535	14604.67	.2746112	-6.58879	-1.46448	-4.15038
#2	38.25361	2.866242	14755.04	1.134612	-9.77000	-2.02093	-7.80114
#3	38.35101	2.388535	14755.64	1.354037	-6.89348	-.795820	-8.15144

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.958883	-6.58816	1.148797	20.29581	-7.77943	1.610163	10.64243
SDev	7.301943	.87467	.795155	5.51673	1.75816	.191316	.00454
%RSD	372.7605	13.27636	69.21632	27.18160	22.60007	11.88175	.0426422
#1	-1.26608	-7.48656	1.541246	14.47410	-6.61048	1.831051	10.64758
#2	10.31807	-6.53858	.2337128	20.96724	-9.80136	1.502540	10.64069
#3	-3.17534	-5.73934	1.671433	25.44609	-6.92645	1.496898	10.63901

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	2285.971	1.986061	82.15402	.1879511	-.672132
SDev	9.853	1.130351	.49670	.0736822	.105115
%RSD	.4310302	56.91420	.6046008	39.20285	15.63901
#1	2274.593	2.455037	81.58109	.1358255	-.773146
#2	2291.661	.6967089	82.46365	.2722484	-.679902
#3	2291.658	2.806438	82.41729	.1557794	-.563348

Method: STL3 Sample Name: 213471-1 C-SD 5 Operator: NP
Run Time: 08/21/06 13:18:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.191168	L-16.6398	-.081701	11.64718	4.122683	-.085494	2621.282
SDev	.208118	7.6801	3.429355	.39960	.020405	.029575	25.397
%RSD	108.8669	46.15528	4197.427	3.430906	.4949345	34.59287	.9688602
#1	-.017824	-7.80152	2.548815	11.20211	4.122687	-.068581	2592.081
#2	-.133697	L-20.4276	1.166390	11.97516	4.143085	-.119644	2633.546
#3	-.421982	L-21.6902	-3.96031	11.76427	4.102276	-.068257	2638.218

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0483301	.1170491	-.005594	.8984053	-4.24095	321.1180	482.8388
SDev	.2233449	.4062299	.211096	.2018258	3.01813	13.8672	2.0189
%RSD	462.1242	347.0593	3773.932	22.46489	71.16643	4.318410	.4181396
#1	-.192870	.5412172	-.229261	.6653569	-7.53207	305.1295	483.6019
#2	.0898735	-.268482	.1901517	1.014970	-1.60265	328.3549	484.3650
#3	.2479865	.0784122	.0223287	1.014889	-3.58813	329.8697	480.5495

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.443006	1.592357	2752.787	.0555247	-5.04303	-1.39587	-2.57730
SDev	.000006	.729709	7.143	.8795589	2.55969	1.50964	1.46011
%RSD	.0000764	45.82575	.2594923	1584.087	50.75705	108.1502	56.65287
#1	7.443001	2.388535	2746.408	.4536579	-7.70035	.3182670	-1.11815
#2	7.443012	.9554142	2760.505	.6656190	-4.83509	-1.97853	-4.03838
#3	7.443004	1.433121	2751.449	-.952703	-2.59365	-2.52736	-2.57536

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.930895	-3.77645	-.208168	9.215542	-5.05790	.0227952	16.54653
SDev	6.203217	1.54813	1.586227	4.666891	2.56100	.1948009	.11021
%RSD	321.2611	40.99417	761.9923	50.64153	50.63369	854.5685	.6660573
#1	-5.14459	-2.03616	1.492916	10.18592	-7.71886	.1437500	16.41934
#2	6.434570	-5.00048	-.470619	4.139749	-4.84468	.1265580	16.60654
#3	4.502706	-4.29273	-1.64680	13.32096	-2.61018	-.201922	16.61371

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	423.5283	-.117520	16.31374	-.002744	-.730409
SDev	2.3186	.812066	.09835	.121362	.047105
%RSD	.5474442	691.0018	.6028708	4422.960	6.449125
#1	420.8510	.3511846	16.20157	-.138796	-.773146
#2	424.8683	-1.05521	16.35449	.0943727	-.679902
#3	424.8656	.3514679	16.38518	.0361912	-.738179

Method: STL3 Sample Name: 213484-1 Operator: NP
Run Time: 08/21/06 13:24:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.087779	L-16.6319	2.707189	192.2738	117.5014	-.067955	48067.86
SDev	.218308	3.8421	3.445758	.2022	.2585	.051282	297.34
%RSD	248.7013	23.10062	127.2818	.1051644	.2199585	75.46542	.6185765
#1	-.183706	L-12.2102	2.042516	192.1558	117.3041	-.119243	47730.49
#2	-.241699	L-18.5292	-.357812	192.5073	117.4062	-.067943	48181.36
#3	.1620677	L-19.1562	6.436864	192.1583	117.7940	-.016678	48291.73

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2924109	.9293238	1.046466	2.438524	1917.070	9083.534	8038.759
SDev	.1589803	.4048836	.083495	.350676	6.236	22.661	9.544
%RSD	54.36882	43.56755	7.978712	14.38066	.3252805	.2494726	.1187188
#1	.1336778	.9682938	.9630026	2.105671	1921.614	9068.724	8029.628
#2	.2919175	1.313314	1.046405	2.405248	1919.633	9072.258	8037.982
#3	.4516373	.5063642	1.129992	2.804651	1909.960	9109.621	8048.667

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1270.534	-.636943	37418.71	6.534645	L-10.8572	1.061648	-7.99103
SDev	2.876	.275804	147.72	.222904	5.9160	1.531257	2.05961
%RSD	.2263646	43.30125	.3947710	3.411104	54.48966	144.2339	25.77403
#1	1273.853	-.477707	37552.42	6.463216	-4.73719	-.018399	-5.69856
#2	1268.776	-.477707	37260.14	6.356210	L-16.5456	.3892888	-9.68539
#3	1268.972	-.955414	37443.57	6.784507	L-11.2887	2.814055	-8.58914

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.34942	-3.19842	3.187691	15.28041	L-10.8839	.2441652	15.56343
SDev	2.93911	1.23045	2.513645	5.08052	5.9179	.1944833	.10952
%RSD	87.74995	38.47047	78.85471	33.24856	54.37310	79.65235	.7037052
#1	-2.69573	-1.89940	.9198949	21.03005	-4.76358	.1345316	15.43697
#2	-6.56034	-4.34635	2.752757	13.41446	L-16.5762	.4687146	15.62664
#3	-.792186	-3.34952	5.890422	11.39671	L-11.3120	.1292496	15.62668

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	6361.206	-3.06527	218.0514	.5810229	-.481759
SDev	21.812	1.77001	.6521	.1075539	.070897
%RSD	.3428860	57.74391	.2990507	18.51112	14.71636
#1	6341.468	-4.94090	217.4526	.5272456	-.563348
#2	6357.526	-2.83061	217.9555	.7048591	-.446793
#3	6384.623	-1.42430	218.7462	.5109640	-.435137

Method: STL3 Sample Name: 213484-2 Operator: NP
Run Time: 08/21/06 13:30:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0243039	39.16493	4.768671	25.98793	27.80416	-.083198	18899.90
SDev	.1995906	2.63350	.595778	.42580	.18957	.029673	185.85
%RSD	821.2291	6.724130	12.49357	1.638434	.6817942	35.66529	.9833265
#1	.2547711	42.11769	5.236223	25.52342	27.58653	-.065937	18685.37
#2	-.091132	37.05906	4.097863	26.08065	27.89258	-.117461	19011.84
#3	-.090727	38.31805	4.971928	26.35973	27.93336	-.066196	19002.49

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0318110	1.029093	.9007118	3.288356	1667.360	3567.642	5232.738
SDev	.2554884	.655491	.2940116	.339724	17.013	38.110	41.249
%RSD	803.1452	63.69602	32.64213	10.33111	1.020363	1.068218	.7882901
#1	.2765224	.2993094	.6217933	2.905705	1648.538	3523.884	5187.675
#2	.0521491	1.220114	1.207790	3.404880	1671.899	3585.481	5241.909
#3	-.233239	1.567854	.8725521	3.554484	1681.643	3593.560	5268.629

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	855.8469	-2.07006	23235.56	2.780830	L-11.1303	11.58291	-6.42948
SDev	4.6666	.55161	100.63	.322917	7.8862	.57159	7.41306
%RSD	.5452666	26.64693	.4330886	11.61227	70.85356	4.934791	115.2981
#1	850.5441	-2.38854	23125.83	2.457337	L-17.9895	11.11282	-4.73460
#2	857.6689	-2.38854	23257.32	3.103169	L-12.8880	11.41674	-.010622
#3	859.3277	-1.43312	23323.53	2.781983	-2.51358	12.21918	L-14.5432

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.28553	8.139107	13.30144	18.53284	L-11.1606	.5423820	27.70229
SDev	5.88933	1.590251	1.56985	4.70311	7.8942	.3891693	.11126
%RSD	52.18483	19.53839	11.80213	25.37718	70.73294	71.75188	.4016332
#1	9.961884	9.955194	11.68997	22.19659	L-18.0303	.0930559	27.77248
#2	17.72405	7.466152	13.38828	13.22937	L-12.9147	.7613661	27.57401
#3	6.170653	6.995974	14.82607	20.17255	-2.53689	.7727240	27.76039

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	3846.597	2.348535	106.9855	2.709936	-.582773
SDev	29.406	1.074315	.7659	.041119	.114990
%RSD	.7644656	45.74404	.7158582	1.517359	19.73153
#1	3813.139	1.410829	106.1107	2.663831	-.714868
#2	3858.309	2.114052	107.3110	2.742814	-.505070
#3	3868.342	3.520725	107.5349	2.723163	-.528381

Method: STL3 Sample Name: 213484-3 Operator: NP
Run Time: 08/21/06 13:36:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.146227	L-17.4638	-.610005	55.83028	34.36414	-.085421	23434.82
SDev	.202680	8.4848	5.440910	.32035	.14714	.029517	251.65
%RSD	138.6066	48.58485	891.9458	.5737872	.4281917	34.55452	1.073829
#1	-.357844	-7.77563	5.581048	55.55111	34.20089	-.119504	23146.71
#2	.0461431	L-21.0446	-2.77998	56.18003	34.48656	-.068407	23546.18
#3	-.126980	L-23.5711	-4.63109	55.75970	34.40498	-.068352	23611.59

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.021931	.6818746	-.195470	1.343265	1220.026	3465.146	5504.397
SDev	.254250	.6748795	.000424	.246222	10.025	17.383	22.069
%RSD	1159.319	98.97413	.2171376	18.33008	.8217444	.5016580	.4009278
#1	.0003816	.1823035	-.194981	1.060421	1211.602	3445.624	5479.468
#2	-.286602	.4136991	-.195685	1.459696	1231.115	3470.869	5512.286
#3	.2204275	1.449621	-.195743	1.509678	1217.363	3478.947	5521.438

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	195.1162	-2.54777	25133.18	1.187345	L-10.6921	-2.27122	-8.43699
SDev	.3693	.27580	95.79	.389497	3.7498	.49593	2.73143
%RSD	.1892936	10.82531	.3811221	32.80399	35.07055	21.83541	32.37441
#1	194.9539	-2.86624	25029.03	.7554640	L-12.4464	-1.82622	-5.75949
#2	195.5389	-2.38854	25153.00	1.294581	-6.38674	-2.80586	L-11.2193
#3	194.8558	-2.38854	25217.51	1.511990	L-13.2432	-2.18159	-8.33216

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.455010	-6.13414	-.343458	14.20223	L-10.7176	-.008488	7.284436
SDev	1.110664	2.35457	.599099	2.98363	3.7563	.196242	.004733
%RSD	20.36043	38.38471	174.4317	21.00815	35.04760	2311.900	.0649771
#1	4.797462	-3.48881	-.996973	16.74345	L-12.4762	-.235088	7.289831
#2	4.830214	-8.00058	-.213191	10.91701	-6.40466	.1046646	7.280982
#3	6.737355	-6.91303	.1797900	14.94625	L-13.2720	.1049589	7.282495

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	3175.247	-2.34920	141.1938	.0602720	-.648821
SDev	16.010	2.26110	.7491	.0296155	.145732
%RSD	.5042118	96.24966	.5305729	49.13638	22.46108
#1	3156.843	-.707815	140.3315	.0650806	-.796457
#2	3182.941	-1.41150	141.6838	.0285465	-.644936
#3	3185.957	-4.92829	141.5662	.0871890	-.505070

Method: STL3 Sample Name: CCV2 Operator: NP
Run Time: 08/21/06 13:42:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50.78948	4981.077	513.8523	534.6309	512.6327	507.0533	18980.49
SDev	.60463	27.154	4.4069	1.2255	2.5224	2.8254	134.07
%RSD	1.190461	.5451375	.8576223	.2292237	.4920550	.5572122	.7063609
#1	50.17553	4953.509	513.0011	534.3079	510.2653	503.9597	18834.29
#2	50.80858	4981.924	509.9331	533.5993	512.3470	507.7029	19009.50
#3	51.38433	5007.797	518.6227	535.9856	515.2858	509.4973	19097.69

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	503.6699	523.9748	510.0926	505.7861	4874.222	37027.37	18451.81
SDev	1.4099	4.6280	2.4365	2.7293	3.807	177.01	49.93
%RSD	.2799185	.8832476	.4776504	.5396247	.0780954	.4780445	.2705839
#1	503.0184	518.8340	507.5769	503.1902	4874.726	36842.91	18405.52
#2	502.7036	525.2813	510.2597	505.5364	4870.189	37043.36	18445.19
#3	505.2877	527.8091	512.4412	508.6317	4877.752	37195.84	18504.72

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	501.2200	492.5160	38157.77	524.6545	508.5091	509.1232	481.7983
SDev	.7755	.4777	369.42	5.3114	4.9310	3.5303	10.6441
%RSD	.1547139	.0969963	.9681287	1.012352	.9696990	.6934059	2.209251
#1	502.0993	492.5160	37805.14	518.9236	513.8627	506.5776	469.5548
#2	500.6341	492.9937	38126.22	525.6285	504.1533	507.6387	488.8520
#3	500.9265	492.0382	38541.95	529.4116	507.5112	513.1533	486.9882

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	483.4730	515.8068	505.7856	527.9777	508.4890	509.2338	508.2011
SDev	1.0979	2.1597	4.8025	8.1206	4.9429	2.1442	.8822
%RSD	.2270789	.4186948	.9495131	1.538064	.9720684	.4210697	.1735975
#1	484.1037	513.3279	503.2067	518.8031	513.8572	507.6739	508.9882
#2	484.1099	517.2819	502.8236	530.8875	504.1260	508.3486	507.2475
#3	482.2053	516.8105	511.3267	534.2426	507.4838	511.6789	508.3674

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	859.7182	502.6284	502.1731	487.4849	482.0506
SDev	4.6256	3.9608	2.8024	.4132	5.9504
%RSD	.5380343	.7880223	.5580455	.0847678	1.234386
#1	855.6766	500.1746	499.3384	487.5622	475.5624
#2	858.7149	507.1978	502.2390	487.0385	483.3366
#3	864.7631	500.5128	504.9419	487.8540	487.2528

Method: STL3 Sample Name: CCB2 Operator: NP
Run Time: 08/21/06 13:48:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1157417	-36.4223	-1.07849	-1.87512	.0068264	-.050890	3.309455
SDev	.1855864	7.0970	2.17357	.42163	.0235431	.059311	.674372
%RSD	160.3453	19.48545	201.5382	22.48523	344.8838	116.5475	20.37711
#1	.3274353	-28.6350	-2.27210	-1.45285	.0204298	-.016586	3.698804
#2	.0387342	-38.1052	-2.39373	-1.87642	.0204082	-.016708	3.698804
#3	-.018944	-42.5266	1.430351	-2.29609	-.020359	-.119375	2.530758

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2516863	-.151816	-.112010	1.197975	3.269299	23.73042	1.016951
SDev	.1096753	.198247	.128154	.076323	5.958246	13.16948	.440570
%RSD	43.57621	130.5834	114.4132	6.371003	182.2484	55.49618	43.32265
#1	.2414291	-.380732	-.140315	1.114700	1.986477	9.256526	1.271313
#2	.3661299	-.037350	.0279304	1.214627	9.764466	26.92819	.5082243
#3	.1474999	-.037366	-.223645	1.264596	-1.94305	35.00654	1.271315

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.065200	.7961783	69.85916	-.720738	-1.64728	-1.00542	3.655418
SDev	.000078	.5516085	8.55069	.600930	4.97847	.53537	11.06119
%RSD	.1196950	69.28204	12.23990	83.37703	302.2229	53.24831	302.5971
#1	-.065256	1.433121	60.26172	-1.36851	-4.36549	-1.56613	16.38520
#2	-.065233	.4777070	76.66566	-.612285	-4.67494	-.950488	-1.80708
#3	-.065110	.4777070	72.65012	-.181420	4.098578	-.499631	-3.61187

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.858584	-2.31238	-.353715	-.522436	-1.64901	-.547660	.0024118
SDev	4.008805	.96071	1.196644	7.525722	4.97738	.006499	.1122425
%RSD	103.8932	41.54642	338.3076	1440.505	301.8403	1.186695	4653.850
#1	.6424010	-1.90570	-1.39740	-8.36198	-4.36209	-.540157	.0713582
#2	2.583509	-1.62190	-.616088	.1503916	-4.68037	-.551547	.0629817
#3	8.349841	-3.40954	.9523448	6.644281	4.095429	-.551276	-.127104

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	-3.35102	3.399969	.0512874	.1554713	.1010140
SDev	.58197	1.130286	.0117551	.1170340	.3533356
%RSD	17.36700	33.24400	22.91997	75.27692	349.7887
#1	-3.68685	4.220290	.0538451	.2784520	.5089552
#2	-2.67902	2.110689	.0615531	.1424967	-.097129
#3	-3.68718	3.868928	.0384641	.0454652	-.108784

Method: STL3 Sample Name: 213484-3 MD Operator: NP
Run Time: 08/21/06 13:54:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.069187	L-36.4143	1.376410	55.95656	36.94952	-.085275	23665.12
SDev	.172794	3.1793	2.538415	.10812	.13277	.029618	92.09
%RSD	249.7481	8.730840	184.4228	.1932279	.3593246	34.73284	.3891427
#1	-.069236	L-33.0476	.6576836	56.05189	36.81349	-.068300	23561.36
#2	-.241956	L-39.3652	4.196693	55.97872	36.95629	-.119475	23737.15
#3	.1036309	L-36.8302	-.725146	55.83908	37.07877	-.068049	23696.85

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.044354	.5669127	-.363609	2.042287	1170.596	3490.223	5504.888
SDev	.246419	.1750833	.251639	.076383	8.970	11.350	14.882
%RSD	555.5741	30.88365	69.20603	3.740068	.7662993	.3252032	.2703481
#1	.2305504	.7587843	-.363298	2.058980	1160.807	3480.462	5487.845
#2	-.245392	.4158123	-.615403	1.958938	1178.422	3487.530	5511.502
#3	-.118220	.5261414	-.112125	2.108943	1172.560	3502.678	5515.316

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	192.7742	-1.91083	25461.94	1.331463	L-10.0670	-1.01929	-7.93406
SDev	.1125	.95541	33.68	.123889	1.9430	.96367	1.65913
%RSD	.0583629	50.00000	.1322794	9.304755	19.30041	94.54329	20.91149
#1	192.7095	-1.91083	25500.13	1.403786	-9.11712	-1.70650	-7.55273
#2	192.9041	-.955414	25436.48	1.188411	-8.78171	-1.43363	-9.75066
#3	192.7090	-2.86624	25449.21	1.402192	L-12.3022	.0822516	-6.49880

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.083148	-6.56826	1.750231	16.88583	L-10.0946	-.111484	7.292464
SDev	6.190564	1.55556	1.767640	6.47981	1.9416	.193310	.001706
%RSD	151.6125	23.68299	100.9947	38.37423	19.23393	173.3971	.0233960
#1	6.639243	-4.96766	-.079172	12.70647	-9.13957	.1113509	7.294422
#2	-2.97615	-8.07448	1.881022	24.35024	-8.81548	-.211623	7.291669
#3	8.586352	-6.66264	3.448842	13.60080	L-12.3287	-.234180	7.291300

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	3186.952	.2293109	142.0733	.1652902	-.077703
SDev	8.695	2.639188	.5315	.0699373	.199963
%RSD	.2728357	1150.921	.3741302	42.31180	257.3421
#1	3176.911	2.807981	141.4598	.1453480	.1359804
#2	3191.969	.3464467	142.3949	.1074900	-.108784
#3	3191.974	-2.46649	142.3653	.2430326	-.260305

Method: STL3 Sample Name: 213484-3 MS Operator: NP
Run Time: 08/21/06 14:00:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	35.43168	1615.800	39.17778	57.91905	1686.425	46.56739	34326.04
SDev	.21791	1.674	3.18424	.32138	4.294	.35842	299.19
%RSD	.6150238	.1035978	8.127661	.5548817	.2546153	.7696749	.8716154
#1	35.18221	1617.072	42.51186	57.73937	1681.684	46.15776	33988.47
#2	35.52797	1616.425	38.85323	58.29009	1687.541	46.72110	34431.16
#3	35.58485	1613.904	36.16825	57.72770	1690.051	46.82332	34558.48

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48.99289	424.4098	165.2298	209.3894	1964.469	12961.69	16132.54
SDev	.21157	3.5197	1.1649	.6244	17.691	19.75	2.20
%RSD	.4318384	.8293124	.7049986	.2981940	.9005542	.1523359	.0136354
#1	48.75477	420.3456	163.8882	208.7569	1944.042	12982.23	16130.00
#2	49.06469	426.4451	165.9845	209.4060	1974.683	12942.84	16133.81
#3	49.15922	426.4387	165.8168	210.0053	1974.684	12960.01	16133.81

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	602.1672	-2.07006	36462.36	423.0850	43.85502	16.90236	89.03412
SDev	.3520	1.53561	92.80	2.4907	4.32347	.55305	2.42918
%RSD	.0584631	74.18192	.2545221	.5886934	9.858554	3.272053	2.728366
#1	602.5578	-.955414	36509.49	420.6679	47.88598	16.28870	91.70773
#2	601.8743	-1.43312	36355.44	422.9438	44.39022	17.05614	86.96262
#3	602.0696	-3.82166	36522.14	425.6433	39.28887	17.36226	88.43201

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	43.86499	11.85070	19.42361	73.48646	43.82470	412.4373	429.6249
SDev	4.88742	3.50767	1.32162	1.05941	4.32768	1.3765	.4838
%RSD	11.14195	29.59882	6.804179	1.441642	9.874990	.3337486	.1126161
#1	38.67938	8.350149	20.25122	74.31091	47.85886	410.8914	429.5770
#2	48.38624	15.36544	17.89941	72.29157	44.36162	412.8902	430.1309
#3	44.52936	11.83651	20.12019	73.85689	39.25360	413.5303	429.1669

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	3249.464	1.167574	143.0510	.3301884	-.318583
SDev	10.743	1.074400	.4903	.0499870	.076430
%RSD	.3306009	92.01985	.3427778	15.13894	23.99063
#1	3237.740	1.402039	142.5036	.2829498	-.400171
#2	3251.817	-.004696	143.1995	.3825321	-.248650
#3	3258.836	2.105378	143.4500	.3250834	-.306927

Method: STL3 Sample Name: 213464-1 Operator: NP
Run Time: 08/21/06 14:06:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1350836	1438.382	2.944330	338.4492	100.6220	-.010625	54726.09
SDev	.3523347	5.660	3.097457	.7089	.3942	.000147	456.07
%RSD	260.8271	.3935003	105.2007	.2094556	.3917388	1.379965	.8333669
#1	.4428248	1434.801	6.205729	338.0722	100.1933	-.010740	54206.70
#2	-.249246	1444.908	.0421365	339.2669	100.9689	-.010460	54910.44
#3	.2116717	1435.439	2.585126	338.0084	100.7037	-.010675	55061.12

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.006629	1.592031	24.42806	111.7525	8625.044	48310.26	83059.11
SDev	.050591	.437347	.12744	.4814	19.676	222.90	243.79
%RSD	5.025769	27.47103	.5216751	.4308028	.2281221	.4613939	.2935123
#1	1.014512	1.401631	24.31726	111.2033	8637.243	48110.32	82790.76
#2	.9525595	2.092303	24.56732	112.1017	8635.543	48550.59	83266.93
#3	1.052816	1.282159	24.39959	111.9524	8602.346	48269.87	83119.64

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	142.9896	-3.18471	H227991.5	15.15813	L-10.9408	81.74778	-4.01706
SDev	.1004	.99443	881.2	.81437	6.7506	.61267	2.18793
%RSD	.0702448	31.22499	.3865163	5.372524	61.70097	.7494597	54.46598
#1	143.0919	-2.86624	H228327.2	15.12522	L-18.5352	82.30039	-2.93883
#2	142.9857	-2.38854	H226991.8	14.36072	-5.62208	81.08894	-2.57751
#3	142.8911	-4.29936	H228655.6	15.98846	-8.66526	81.85400	-6.53484

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.221738	82.71754	81.26283	18.17802	L-10.9707	5.782011	142.7429
SDev	20.88697	1.98311	.52955	3.11408	6.7601	.183658	.7567
%RSD	254.0456	2.397453	.6516569	17.13100	61.61956	3.176373	.5301012
#1	2.453247	84.99181	80.95589	21.62214	L-18.5760	5.894837	141.9889
#2	31.38673	81.34905	80.95828	17.35092	-5.64575	5.570089	142.7376
#3	-9.17476	81.81176	81.87430	15.56099	-8.69018	5.881106	143.5022

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	5276.213	L-32.5992	693.8063	64.63863	.1243249
SDev	29.679	3.6717	3.6150	.06953	.1227979
%RSD	.5624996	11.26308	.5210430	.1075612	98.77177
#1	5243.763	L-35.0612	689.6672	64.57138	.2408796
#2	5301.980	L-34.3574	696.3444	64.71023	-.003885
#3	5282.898	L-28.3791	695.4072	64.63427	.1359804

Method: STL3 Sample Name: 213464-2 Operator: NP
Run Time: 08/21/06 14:12:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.114842	65.49559	1.118963	729.9326	7.048450	-.117741	61317.75
SDev	.233687	5.79463	8.287726	1.2111	.011762	.000084	535.88
%RSD	203.4854	8.847354	740.6611	.1659201	.1668759	.0711121	.8739467
#1	-.365463	71.81865	1.918986	729.6978	7.041638	-.117782	60711.53
#2	.0970785	64.22928	-7.53976	731.2440	7.062032	-.117644	61513.39
#3	-.076141	60.43883	8.977668	728.8561	7.041680	-.117796	61728.31

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2510746	.1099739	-.262787	3.061903	L-20.3905	H106463.3	H180028.8
SDev	.1582940	.2632782	.443087	.131954	6.7971	362.3	686.6
%RSD	63.04660	239.4007	168.6108	4.309533	33.33442	.3402844	.3813576
#1	.0934147	.4139809	-.596857	2.962154	L-20.2906	H106045.9	H179238.2
#2	.2498140	-.041548	.2398429	3.012030	L-13.6439	H106696.2	H180372.9
#3	.4099951	-.042511	-.431346	3.211524	L-27.2370	H106647.7	H180475.2

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.45127	-1.59236	H229531.7	-1.05921	L-11.2017	-2.18233	-9.54735
SDev	.05235	1.53561	347.7	.92753	1.3956	2.23382	2.68930
%RSD	.5008899	96.43650	.1515032	87.56834	12.45894	102.3593	28.16799
#1	10.43273	-3.34395	H229877.2	-2.06239	L-10.5637	-.695122	L-12.5781
#2	10.51037	-.477707	H229536.1	-.232747	L-10.2392	-4.75107	-8.61785
#3	10.41071	-.955414	H229181.7	-.882495	L-12.8023	-1.10081	-7.44610

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.564926	-1.25342	-2.64689	21.88085	L-11.2355	-1.25238	1.906962
SDev	4.003329	4.79316	1.37319	3.69748	1.3936	.18025	.024257
%RSD	60.98056	382.4078	51.87916	16.89823	12.40347	14.39240	1.272029
#1	7.845733	3.294755	-2.68787	21.97240	L-10.5968	-1.16806	1.934883
#2	2.077928	-6.25880	-3.99913	25.53170	L-10.2756	-1.45934	1.891067
#3	9.771117	-.796204	-1.25368	18.13845	L-12.8339	-1.12976	1.894937

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	434.6726	L-100.415	1079.695	1.446852	-.466219
SDev	3.0737	6.175	5.190	.002318	.068295
%RSD	.7071387	6.149953	.4806769	.1602292	14.64866
#1	431.3131	L-101.001	1073.709	1.444297	-.493415
#2	435.3605	L-106.277	1082.449	1.447437	-.388516
#3	437.3440	L-93.9674	1082.928	1.448821	-.516726

Method: STL3 Sample Name: 213464-3 Operator: NP
Run Time: 08/21/06 14:18:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.172351	16.43309	1.568149	817.3815	3.462644	-.169253	65636.97
SDev	.218668	4.21127	6.385140	3.6695	.031163	.000116	335.02
%RSD	126.8737	25.62679	407.1769	.4489293	.8999814	.0683209	.5104147
#1	-.422627	20.01865	-5.62695	814.4771	3.428642	-.169154	65254.05
#2	-.018274	11.79555	6.559600	816.1618	3.489845	-.169380	65876.03
#3	-.076153	17.48508	3.771793	821.5054	3.469444	-.169225	65780.84

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1149067	-.260170	1.154063	2.229646	22.99485	H119694.2	H200380.9
SDev	.2495548	.635386	.549343	.201688	4.07553	182.1	524.0
%RSD	217.1804	244.2197	47.60073	9.045734	17.72366	.1521086	.2615170
#1	-.168115	-.990743	.6516612	2.013395	18.78786	H119562.1	H199812.6
#2	.3033391	.1635367	1.740632	2.412636	26.92477	H119618.7	H200484.9
#3	.2094961	.0466965	1.069897	2.262905	23.27191	H119901.9	H200845.1

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.96975	-.636943	H225131.7	-.652209	-9.71016	-3.41836	-7.19552
SDev	.06517	.729710	1694.9	.286345	2.95544	1.55601	2.84237
%RSD	.5940751	114.5644	.7528582	43.90380	30.43656	45.51928	39.50189
#1	11.04491	-1.43312	H226737.3	-.759753	L-12.7928	-3.54549	L-10.4705
#2	10.93532	-.000000	H225298.1	-.327662	-9.43679	-4.90691	-5.37049
#3	10.92902	-.477707	H223359.8	-.869212	-6.90090	-1.80268	-5.74563

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.222905	-5.81414	-2.22307	12.22505	-9.73274	-.967607	-1.96785
SDev	5.092271	2.48603	1.85731	7.53944	2.96363	.345279	.19527
%RSD	120.5869	42.75842	83.54735	61.67207	30.45009	35.68380	9.923216
#1	9.996215	-3.66931	-3.48447	14.92236	L-12.8212	-1.31564	-1.95039
#2	2.302119	-8.53887	-3.09445	18.04483	-9.46490	-.625150	-1.78190
#3	.3703828	-5.23423	-.090280	3.707952	-6.91212	-.962030	-2.17128

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	264.5681	L-113.905	1184.737	1.348468	-.415712
SDev	2.5229	1.422	3.352	.057328	.110163
%RSD	.9535879	1.248050	.2829508	4.251319	26.49990
#1	264.8917	L-114.726	1180.984	1.282277	-.376860
#2	261.8990	L-112.264	1185.790	1.382246	-.540037
#3	266.9136	L-114.726	1187.435	1.380882	-.330238

Method: STL3 Sample Name: 213464-6 Operator: NP
Run Time: 08/21/06 14:24:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0212044	254.7710	-.682368	548.6019	11.37867	-.108742	45953.12
SDev	.0332116	6.3240	.642876	.3911	.04714	.000165	461.90
%RSD	156.6262	2.482234	94.21250	.0712934	.4143223	.1514356	1.005145
#1	-.017144	261.2982	-.743892	548.2501	11.32423	-.108618	45425.94
#2	.0406646	254.3427	-.010942	548.5325	11.40590	-.108929	46146.62
#3	.0400921	248.6720	-1.29227	549.0231	11.40588	-.108680	46286.79

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2820102	.5041722	1.584231	19.48281	643.6575	77088.20	H132601.6
SDev	.1895411	.2876435	.268692	.27817	3.2291	117.17	366.2
%RSD	67.21073	57.05263	16.96040	1.427747	.5016807	.1519950	.2761633
#1	.4813345	.4668466	1.277793	19.23306	645.3362	76957.42	H132180.1
#2	.1040652	.2370136	1.779486	19.43278	639.9349	77183.62	H132841.7
#3	.2606308	.8086563	1.695415	19.78260	645.7016	77123.54	H132782.9

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27.87287	-1.27389	H226682.2	1.176881	L-10.7349	10.61525	-8.95865
SDev	.05381	.99443	1224.5	.321239	1.5491	.82685	1.82792
%RSD	.1930503	78.06246	.5401677	27.29580	14.43025	7.789231	20.40403
#1	27.84775	-.955414	H225561.0	.8548399	-9.40525	10.14503	-9.20870
#2	27.83620	-.477707	H226496.8	1.497312	L-12.4359	11.56997	-7.01857
#3	27.93464	-2.38854	H227988.8	1.178491	L-10.3636	10.13074	L-10.6487

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.829662	10.43373	10.70507	14.28838	L-10.7606	-.308750	103.1763
SDev	8.834150	3.03429	2.00012	1.24829	1.5513	.395790	.1904
%RSD	312.1981	29.08160	18.68383	8.736419	14.41653	128.1909	.1845493
#1	4.758247	13.55756	8.440523	14.52276	-9.42981	-.531176	103.1906
#2	10.54020	10.24592	12.23020	15.40288	L-12.4644	.1482149	103.3592
#3	-6.80946	7.497696	11.44449	12.93952	L-10.3875	-.543290	102.9792

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	765.0111	L-70.5993	801.6477	11.53793	-.555577
SDev	6.0276	1.4212	3.6725	.04318	.055082
%RSD	.7879165	2.013031	.4581192	.3742329	9.914297
#1	758.9828	L-72.1231	797.4112	11.56113	-.575003
#2	771.0381	L-70.3649	803.6023	11.56456	-.493415
#3	765.0124	L-69.3099	803.9295	11.48812	-.598314

Method: STL3 Sample Name: 213464-7 Operator: NP
Run Time: 08/21/06 14:30:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.075977	16.22852	.5289461	723.5524	4.878224	-.118611	59308.91
SDev	.288643	8.21465	2.338556	2.7303	.040815	.000046	744.85
%RSD	379.9074	50.61861	442.1161	.3773522	.8366847	.0389736	1.255882
#1	-.364638	25.70692	-2.17047	720.5063	4.837397	-.118595	58495.17
#2	-.075942	11.80620	1.817679	725.7796	4.878250	-.118663	59474.57
#3	.2126485	11.17244	1.939626	724.3713	4.919027	-.118574	59956.98

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0129020	-.345268	-.175188	2.546359	L-113.607	H104687.5	H177697.8
SDev	.3190607	.404685	.434367	.225071	5.039	366.4	942.9
%RSD	2472.965	117.2090	247.9433	8.838940	4.435221	.3500368	.5306084
#1	-.050216	-.729031	-.676752	2.313412	L-113.605	H104278.2	H176656.7
#2	-.269883	-.384285	.0760127	2.563039	L-118.646	H104985.1	H177942.5
#3	.3588044	.0775127	.0751748	2.762626	L-108.569	H104799.3	H178494.2

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14.98469	-1.43312	H227471.7	-.609187	-8.74103	-2.37153	-9.53864
SDev	.13414	.47771	164.4	.448484	4.93179	.69937	.43910
%RSD	.8951966	33.33333	.0722926	73.62014	56.42108	29.49004	4.603410
#1	14.87280	-1.91083	H227480.9	-.749562	L-14.4350	-1.58032	-9.28221
#2	14.94788	-1.43312	H227631.3	-.970692	-5.97436	-2.90714	-9.28805
#3	15.13340	-.955414	H227302.8	-.107306	-5.81373	-2.62714	L-10.0457

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.24661	-1.56455	-2.77522	15.21392	-8.76561	-1.26695	2.946514
SDev	5.87949	3.64081	1.18655	5.27463	4.93158	.20506	.301583
%RSD	57.37988	232.7057	42.75505	34.66976	56.26055	16.18525	10.23526
#1	15.38142	1.151862	-2.94516	9.262941	L-14.4593	-1.50367	2.598526
#2	11.52547	-5.70148	-1.51286	19.31240	-6.00027	-1.15351	3.131941
#3	3.832943	-.144042	-3.86763	17.06642	-5.83723	-1.14368	3.109074

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	218.2124	L-102.175	1055.781	.5091393	-.590544
SDev	4.0648	2.949	6.596	.1002835	.147585
%RSD	1.862789	2.886603	.6247563	19.69668	24.99134
#1	214.5136	L-100.299	1048.416	.4085779	-.563348
#2	222.5642	L-100.651	1057.783	.5096973	-.749835
#3	217.5595	L-105.574	1061.145	.6091427	-.458448

Method: STL3 Sample Name: 213464-8 Operator: NP
Run Time: 08/21/06 14:36:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.057212	-2.92249	-.766027	576.1472	4.952997	-.117839	48469.86
SDev	.088107	5.44504	1.511488	1.2125	.023575	.000288	421.82
%RSD	154.0018	186.3151	197.3151	.2104473	.4759677	.2440229	.8702732
#1	.0388321	2.972209	.5560316	574.8345	4.939392	-.118080	47983.96
#2	-.134295	-3.97568	-.440287	577.2252	4.939380	-.117916	48683.62
#3	-.076173	-7.76401	-2.41383	576.3818	4.980218	-.117521	48742.02

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.095483	.2342281	-.237279	3.727859	L-93.4231	83212.49	H143307.1
SDev	.236437	.5762541	.166989	.332318	2.4654	237.65	427.2
%RSD	247.6208	246.0226	70.37660	8.914443	2.638964	.2855931	.2981106
#1	-.368497	.8099462	-.403948	3.361831	L-95.1026	82938.50	H142814.4
#2	.0406219	-.342560	-.069973	3.811108	L-90.5927	83362.62	H143574.4
#3	.0414245	.2352984	-.237916	4.010637	L-94.5740	83336.37	H143532.5

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.75271	-2.54777	H229045.1	-.184546	-8.56974	-.704348	-9.19308
SDev	.09819	.55161	876.5	.534129	1.75485	.671819	3.10378
%RSD	.8354668	21.65063	.3826767	289.4287	20.47726	95.38169	33.76207
#1	11.76151	-2.86624	H228085.1	.0715799	-8.67469	-.195311	L-12.1077
#2	11.65041	-2.86624	H229247.3	.1732857	L-10.2698	-.451913	-5.92963
#3	11.84620	-1.91083	H229802.8	-.798503	-6.76478	-1.46582	-9.54191

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.143921	-1.32332	-.396123	20.13148	-8.59907	-1.66736	6.290906
SDev	4.453437	3.36210	.678948	1.69899	1.75768	.37783	.181172
%RSD	72.48525	254.0650	171.3980	8.439471	20.44039	22.66011	2.879896
#1	3.567434	.9876752	-.786717	21.71101	-8.70570	-1.45218	6.114810
#2	3.578026	.2226939	-.789510	20.34939	L-10.3010	-1.44628	6.281151
#3	11.28630	-5.18034	.3878563	18.33405	-6.79050	-2.10362	6.476759

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	246.3628	L-82.4646	856.7436	1.135894	-.520611
SDev	2.6592	2.2336	3.6417	.139746	.140994
%RSD	1.079369	2.708583	.4250625	12.30273	27.08246
#1	243.3467	L-83.7541	852.5393	.9846869	-.679902
#2	247.3722	L-83.7543	858.9160	1.162701	-.411826
#3	248.3694	L-79.8855	858.7754	1.260295	-.470104

Method: STL3 Sample Name: 213464-9 Operator: NP
Run Time: 08/21/06 14:42:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.076571	4.229245	1.098099	698.5977	3.347615	-.136278	56865.75
SDev	.208218	2.185599	2.338190	4.1176	.020398	.029563	304.77
%RSD	271.9288	51.67823	212.9307	.5894065	.6093199	21.69276	.5359415
#1	.0966911	5.490431	-.421449	693.9355	3.327232	-.119189	56518.26
#2	-.018841	1.705533	3.790582	700.1209	3.368027	-.170414	57087.68
#3	-.307562	5.491772	-.074835	701.7366	3.347584	-.119232	56991.32

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1513625	-.031353	-.589251	2.263601	L-129.655	H101604.1	H172154.2
SDev	.1003541	.116983	.301771	.179997	7.173	577.6	661.5
%RSD	66.30051	373.1090	51.21261	7.951817	5.532094	.5684779	.3842519
#1	.1105420	.0860502	-.924043	2.063894	L-136.664	H100994.3	H171405.1
#2	.0778515	-.032200	-.338183	2.413325	L-129.971	H102143.0	H172658.0
#3	.2656941	-.147911	-.505525	2.313583	L-122.329	H101674.9	H172399.4

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.119692	-1.91083	H226309.7	-.865032	-8.58501	-1.30880	-7.57145
SDev	.011843	.47771	935.9	.440149	6.46529	1.03048	.91379
%RSD	.1458522	25.00000	.4135437	50.88237	75.30898	78.73479	12.06887
#1	8.133121	-1.43312	H227370.0	-.392625	L-16.0296	-2.36086	-6.73045
#2	8.110741	-1.91083	H225598.8	-1.26358	-4.37942	-1.26417	-8.54381
#3	8.115214	-2.38854	H225960.2	-.938896	-5.34603	-.301358	-7.44009

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.311353	-.785635	-1.57078	15.46518	-8.60971	-1.20497	1.790543
SDev	2.241858	2.286856	2.42543	6.17004	6.47084	.33018	.322649
%RSD	35.52103	291.0839	154.4086	39.89637	75.15747	27.40187	18.01960
#1	3.722688	1.631784	-4.35499	14.95785	L-16.0612	-1.20518	1.622893
#2	7.599847	-2.91455	-.441011	21.87322	-4.40636	-1.53505	1.586232
#3	7.611525	-1.07414	.0836535	9.564457	-5.36156	-.874683	2.162504

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	132.8564	L-98.7739	1021.048	-.071386	-.547807
SDev	2.8962	1.5855	5.347	.106874	.059811
%RSD	2.179968	1.605197	.5236470	149.7123	10.91830
#1	131.1769	L-100.297	1015.470	-.078709	-.563348
#2	131.1916	L-98.8915	1026.128	-.174411	-.598314
#3	136.2006	L-97.1329	1021.545	.0389607	-.481759

Method: STL3 Sample Name: 213464-10 Operator: NP
Run Time: 08/21/06 14:48:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.057328	L-19.3488	3.675191	600.9426	4.510858	-.118143	49937.70
SDev	.145077	8.5937	5.092203	2.3023	.020436	.051350	342.41
%RSD	253.0638	44.41465	138.5562	.3831169	.4530294	43.46423	.6856837
#1	-.191412	-9.67188	.1081101	603.5930	4.490472	-.118230	49544.46
#2	-.077254	L-22.2846	9.506877	599.7972	4.531343	-.169450	50098.70
#3	.0966814	L-26.0898	1.410586	599.4377	4.510759	-.066750	50169.94

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1689164	.0361703	-.435783	3.262068	L-104.274	86108.78	H148525.3
SDev	.0534894	.7367714	.294364	.277986	23.472	271.28	195.0
%RSD	31.66616	2036.950	67.54839	8.521765	22.50979	.3150431	.1312704
#1	.1073309	-.804789	-.407119	2.962394	L-112.653	86213.30	H148524.6
#2	.2037744	.5681069	-.743430	3.312294	L-122.406	86312.26	H148720.7
#3	.1956440	.3451930	-.156799	3.511518	L-77.7624	85800.79	H148330.8

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.52191	-2.54777	H228184.2	.0417336	L-12.0879	-1.71510	-4.35082
SDev	.05652	1.98885	1646.1	.3719814	4.7797	.14348	3.29178
%RSD	.5371612	78.06247	.7213915	891.3233	39.54131	8.365505	75.65877
#1	10.58707	-.955414	H226350.0	.2543634	-9.16744	-1.56414	-4.10316
#2	10.48629	-4.77707	H228669.6	-.387786	-9.49236	-1.84968	-7.75943
#3	10.49235	-1.91083	H229533.0	.2586239	L-17.6038	-1.73149	-1.18987

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.165167	-1.58550	-1.78061	13.47946	L-12.1141	-1.17981	5.053349
SDev	9.718934	2.35827	.98942	3.58957	4.7876	.21420	.291858
%RSD	157.6427	148.7403	55.56643	26.62993	39.52101	18.15519	5.775531
#1	15.15158	1.135736	-2.91285	13.33308	-9.19056	-1.04940	4.990665
#2	-4.14963	-2.85881	-1.34667	9.965312	-9.51244	-1.42702	4.797926
#3	7.493551	-3.03342	-1.08230	17.13997	L-17.6392	-1.06301	5.371456

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	221.6458	L-84.4602	883.5646	1.052062	-.501185
SDev	.5793	2.5361	2.2486	.157899	.124628
%RSD	.2613559	3.002760	.2544953	15.00854	24.86669
#1	221.3107	L-83.7571	881.5363	1.023412	-.528381
#2	222.3147	L-87.2737	885.9826	.9104490	-.609969
#3	221.3120	L-82.3497	883.1747	1.222324	-.365205

Method: STL3 Sample Name: CCV3 Operator: NP
Run Time: 08/21/06 14:54:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	Q42.34147	4977.988	509.8781	529.0464	510.9323	508.0549	19024.10
SDev	.12060	21.879	2.2122	1.1995	1.5625	1.9994	104.69
%RSD	.2848173	.4395148	.4338625	.2267258	.3058152	.3935471	.5503027
#1	Q42.43969	4957.362	512.2889	528.9087	509.6533	506.0558	18914.30
#2	Q42.20687	4975.666	509.4041	527.9217	510.4698	508.0543	19035.20
#3	Q42.37785	5000.935	507.9414	530.3088	512.6739	510.0547	19122.80

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	498.8627	525.1150	507.9960	503.6574	4779.658	36680.84	18213.65
SDev	.6610	3.5896	1.8545	1.9080	8.357	170.59	34.47
%RSD	.1325044	.6835827	.3650625	.3788319	.1748359	.4650778	.1892448
#1	499.5342	521.0124	505.8994	502.2926	4786.592	36498.06	18200.18
#2	498.2127	526.6545	508.6666	502.8418	4770.379	36708.61	18187.95
#3	498.8412	527.6781	509.4219	505.8376	4782.002	36835.84	18252.82

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	491.1060	480.5732	Q35093.71	525.5953	498.2789	505.9157	467.7226
SDev	1.3953	2.4822	452.78	2.9278	2.6545	2.5046	2.3984
%RSD	.2841174	.5165179	1.290199	.5570464	.5327284	.4950691	.5127850
#1	492.6355	482.0064	Q34679.25	522.2728	497.9063	508.0462	465.1628
#2	489.9026	482.0064	Q35024.93	526.7155	495.8303	506.5443	469.9180
#3	490.7800	477.7070	Q35576.94	527.7976	501.0999	503.1567	468.0869

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	482.0125	514.3071	501.7256	532.9125	498.2435	507.2030	500.6034
SDev	18.5997	.9383	3.8736	2.0180	2.6563	1.6458	.8322
%RSD	3.858753	.1824335	.7720633	.3786811	.5331384	.3244774	.1662336
#1	503.2306	514.8703	504.6385	534.9326	497.8687	505.5487	501.1891
#2	474.2831	513.2239	503.2087	530.8965	495.7946	507.2203	499.6508
#3	468.5237	514.8270	497.3295	532.9086	501.0674	508.8400	500.9702

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	853.7225	498.2741	500.8358	478.9814	481.1997
SDev	1.0180	3.4090	1.8191	.6103	5.7834
%RSD	.1192380	.6841668	.3632226	.1274093	1.201879
#1	852.6988	494.5314	499.0816	479.4082	474.8514
#2	853.7339	501.2017	500.7121	478.2824	482.5790
#3	854.7347	499.0892	502.7136	479.2536	486.1689

Method: STL3 Sample Name: CCB3 Operator: NP
Run Time: 08/21/06 15:00:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0967905	-19.1636	-2.12260	-1.10091	.0952722	-.016843	24.91824
SDev	.1158167	5.0061	3.02151	.46255	.0235456	.051353	.33719
%RSD	119.6571	26.12314	142.3493	42.01559	24.71408	304.8852	1.353168
#1	.2127620	-13.4875	.9419063	-.606659	.0816966	.0345374	24.72356
#2	.0964803	-21.0542	-5.09919	-1.17269	.1224603	-.016899	25.30758
#3	-.018871	-22.9491	-2.21052	-1.52337	.0816595	-.068169	24.72356

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2001085	.0028191	.0836770	2.129742	-2.57955	42.07526	33.07023
SDev	.0469207	.4322954	.0485983	.144267	8.08824	7.01432	1.58862
%RSD	23.44761	15334.43	58.07843	6.773935	313.5520	16.67089	4.803775
#1	.1492193	-.491901	.0275605	1.963157	-11.6446	33.99683	31.79866
#2	.2094514	.3077832	.1117422	2.213025	3.899239	46.61939	34.85102
#3	.2416548	.1925754	.1117281	2.213045	.0067319	45.60957	32.56101

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3899294	1.433121	558.4462	.2864711	-1.32597	-1.45159	1.582617
SDev	.0563382	1.654826	18.1326	.4114788	1.95803	2.58523	3.714097
%RSD	14.44832	115.4701	3.246977	143.6371	147.6671	178.0965	234.6808
#1	.4226063	3.343949	579.2074	-.184856	.9048391	-1.76581	5.825705
#2	.4223062	.4777070	545.7160	.4701428	-2.12283	-3.86534	-1.07899
#3	.3248759	.4777070	550.4151	.5741260	-2.75993	1.276387	.0011372

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.066443	-3.48398	-.437717	3.432673	-1.33134	-.205590	.8850318
SDev	14.71860	2.71924	2.549233	1.311573	1.95932	.019678	.1073776
%RSD	208.2886	78.05003	582.3926	38.20850	147.1695	9.571668	12.13263
#1	19.90939	-4.34633	-.478281	4.402142	.9007377	-.182867	.8267635
#2	-8.99510	-5.66748	-2.96643	1.940307	-2.12750	-.216972	1.008948
#3	10.28504	-.438119	2.131556	3.955570	-2.76725	-.216929	.8193844

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	-4.34897	1.289916	.3204197	.1684697	.0427367
SDev	1.15851	.884864	.0177959	.0957793	.3835693
%RSD	26.63876	68.59858	5.553933	56.85250	897.5177
#1	-3.67827	1.406815	.3307029	.2784943	.4739889
#2	-3.68195	2.110520	.3306854	.1037306	-.085473
#3	-5.68671	.3524129	.2998708	.1231843	-.260305

Method: STL3 Sample Name: 213464-11 Operator: NP
Run Time: 08/21/06 15:06:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.057155	L-45.2672	-.739569	-3.98256	.4694790	-.068086	-3.11478
SDev	.145597	4.5645	4.306370	.24421	.0000198	.000097	.33719
%RSD	254.7392	10.08357	582.2811	6.131927	.0042108	.1418618	10.82535
#1	.0971205	L-40.0093	-5.71046	-4.12402	.4694582	-.067996	-3.30945
#2	-.192153	L-47.5782	1.634210	-4.12308	.4694813	-.068073	-3.30945
#3	-.076433	L-48.2140	1.857548	-3.70057	.4694975	-.068188	-2.72543

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0748530	-.075828	-.223620	2.562533	-5.83723	23.73042	6.873069
SDev	.1450480	.135457	.167728	.086491	3.89055	7.00221	1.920301
%RSD	193.7772	178.6381	75.00587	3.375217	66.65066	29.50734	27.93949
#1	.2423394	.0805786	-.391294	2.512445	-1.94997	21.87908	6.619707
#2	-.009257	-.155233	-.055838	2.512749	-5.83067	31.47228	5.092026
#3	-.008524	-.152829	-.223729	2.662404	-9.73107	17.83990	8.907474

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6832565	.6369426	356.5295	.0346249	-6.05675	-3.30879	-3.60363
SDev	.1126597	1.202203	39.6944	.5610151	1.95128	2.06020	3.58247
%RSD	16.48864	188.7459	11.13355	1620.267	32.21669	62.26431	99.41281
#1	.8133448	1.910828	395.0047	-.613180	-8.18609	-.956720	-6.51326
#2	.6182207	-.477707	358.8648	.3584051	-5.63002	-4.17625	-4.69530
#3	.6182041	.4777070	315.7190	.3586491	-4.35415	-4.79342	.3976765

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.486840	-7.04431	-1.44464	5.673851	-6.06909	-.215190	2.155483
SDev	1.936039	3.47562	1.70705	3.647326	1.94967	.014166	.190834
%RSD	43.14927	49.33936	118.1645	64.28307	32.12452	6.582958	8.853442
#1	6.423190	-3.21361	.1692349	1.494098	-8.19638	-.200234	2.347009
#2	4.486218	-9.99611	-1.27148	7.316248	-5.64358	-.228405	2.154090
#3	2.551112	-7.92321	-3.23166	8.211206	-4.36733	-.216930	1.965348

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	14.03821	5.276748	-.164344	.2133985	-.582773
SDev	1.15897	.351516	.004445	.1069685	.087481
%RSD	8.255809	6.661603	2.704840	50.12620	15.01111
#1	13.36909	4.925188	-.169477	.3169908	-.481759
#2	13.36908	5.276837	-.161769	.2198583	-.633280
#3	15.37647	5.628220	-.161787	.1033465	-.633280

Method: STL3 Sample Name: 213464-12 Operator: NP
Run Time: 08/21/06 15:12:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.153286	25.07807	1.729311	469.9394	5.796662	-.117409	40979.40
SDev	.119915	7.76271	.257449	1.1815	.000141	.000207	281.75
%RSD	78.22965	30.95415	14.88738	.2514152	.0024378	.1764269	.6875385
#1	-.249359	33.92126	1.959847	470.3599	5.796733	-.117195	40657.41
#2	-.018895	21.92463	1.776587	470.8531	5.796753	-.117423	41100.10
#3	-.191603	19.38834	1.451501	468.6051	5.796499	-.117608	41180.69

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.025442	.0766651	-.278317	4.177058	L-70.3927	66461.17	H118060.6
SDev	.083039	.4371814	.256271	.283931	8.6461	207.95	186.8
%RSD	326.3791	570.2481	92.07870	6.797392	12.28269	.3128887	.1582476
#1	-.089545	.2687962	-.221889	3.860813	L-64.5129	66600.86	H118125.4
#2	.0683632	-.423680	-.558099	4.260291	L-66.3451	66560.47	H118206.3
#3	-.055145	.3848789	-.054962	4.410071	L-80.3202	66222.19	H117849.9

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14.50865	-2.70701	H234593.2	-.890339	L-10.6866	.0631306	-6.80060
SDev	.05282	.55161	1082.9	.387388	4.9079	1.690282	2.07840
%RSD	.3640800	20.37707	.4616220	43.51020	45.92553	2677.436	30.56198
#1	14.53983	-2.38854	H234082.5	-.783310	-5.46923	1.353126	-5.10017
#2	14.53846	-3.34395	H233860.0	-.567718	L-15.2114	-1.85033	-6.18413
#3	14.44766	-2.38854	H235837.0	-1.31999	L-11.3792	.6865913	-9.11749

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.91501	-.553206	.3700375	22.20689	L-10.7201	-1.42638	9.991777
SDev	3.35052	2.151911	1.928948	6.62447	4.9065	.38786	.291208
%RSD	19.80794	388.9888	521.2845	29.83067	45.76900	27.19224	2.914481
#1	20.78383	1.926416	1.066111	27.95659	-5.50329	-1.64504	10.30622
#2	14.99268	-1.93203	-1.81033	14.96291	L-15.2422	-1.65554	9.731376
#3	14.96853	-1.65401	1.854336	23.70118	L-11.4149	-.978553	9.937733

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	294.6601	L-65.5723	711.0170	1.715629	-.411826
SDev	2.5254	2.0603	1.2693	.124872	.182064
%RSD	.8570422	3.141969	.1785217	7.278495	44.20896
#1	297.3334	L-64.7516	710.4152	1.836157	-.295272
#2	292.3147	L-64.0488	712.4753	1.586825	-.318583
#3	294.3321	L-67.9164	710.1606	1.723905	-.621625

Method: STL3 Sample Name: 213464-13 Operator: NP
Run Time: 08/21/06 15:18:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.018232	L-13.2441	.3127152	543.0569	5.674110	-.117744	46885.41
SDev	.057376	6.3591	3.116391	2.3239	.020389	.000154	224.31
%RSD	314.7075	48.01445	996.5588	.4279301	.3593269	.1311565	.4784201
#1	.0394183	-6.50793	2.408721	544.1832	5.653726	-.117800	46679.25
#2	-.018783	L-14.0811	1.797885	544.6030	5.674103	-.117863	47124.28
#3	-.075330	L-19.1431	-3.26846	540.3845	5.694503	-.117570	46852.71

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.043072	.4412952	.3528430	5.924223	L-88.5562	77264.23	H134942.9
SDev	.071919	.1297193	.4673100	.175264	6.9017	134.75	347.2
%RSD	166.9722	29.39512	132.4414	2.958425	7.793556	.1744044	.2572779
#1	-.083745	.3637636	.8565159	5.757806	L-96.2657	77349.73	H135081.2
#2	-.085439	.5910507	.2686784	5.907700	L-86.4499	77334.08	H135199.5
#3	.0399668	.3690712	-.066665	6.107163	L-82.9532	77108.90	H134547.8

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.90043	-1.27389	H234955.2	.1794979	-8.19653	-1.87804	-9.88930
SDev	.00592	1.67765	957.0	.2239227	5.48140	1.12245	4.11848
%RSD	.0497578	131.6957	.4073001	124.7495	66.87462	59.76711	41.64580
#1	11.89824	-1.43312	H234015.9	.4309546	-2.30158	-.744884	L-12.4563
#2	11.89591	-2.86624	H235928.9	.1059093	L-13.1397	-1.89976	L-12.0727
#3	11.90713	.4777070	H234920.8	.0016298	-9.14829	-2.98947	-5.13885

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.727422	-3.30022	-1.16885	19.74698	-8.22512	-1.71932	9.084278
SDev	2.232132	2.82092	1.31352	3.14002	5.48870	.37081	.121046
%RSD	33.17960	85.47669	112.3773	15.90125	66.73099	21.56729	1.332477
#1	5.430489	-.244735	-.995484	16.68694	-2.32125	-1.49720	9.016531
#2	9.304848	-5.80550	.0493821	19.59271	L-13.1731	-1.51337	9.012276
#3	5.446928	-3.85042	-2.56044	22.96128	-9.18103	-2.14740	9.224029

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	303.8458	L-75.5449	811.9870	1.211661	-.419597
SDev	3.5285	3.5402	1.6826	.043278	.097749
%RSD	1.161286	4.686193	.2072219	3.571790	23.29582
#1	303.5201	L-78.8272	811.8184	1.261634	-.470104
#2	307.5258	L-76.0140	813.7476	1.186883	-.481759
#3	300.4914	L-71.7936	810.3950	1.186467	-.306927

Method: STL3 Sample Name: 213464-14 Operator: NP
Run Time: 08/21/06 15:24:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.230044	L-19.7712	-1.65443	390.7768	5.769507	-.117366	35296.10
SDev	.145406	6.8311	1.79641	1.1048	.011787	.000086	193.53
%RSD	63.20818	34.55106	108.5821	.2827182	.2043065	.0728770	.5483090
#1	-.075981	L-12.1929	-3.57381	391.9718	5.776300	-.117319	35087.02
#2	-.249268	L-21.6651	-1.37597	390.5660	5.776326	-.117314	35332.31
#3	-.364881	L-25.4555	-.013506	389.7926	5.755897	-.117465	35468.97

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.047598	.0654481	-.210955	5.707873	L-60.5840	54478.82	98422.66
SDev	.072417	.4607564	.302077	.132093	2.9938	226.50	113.67
%RSD	152.1422	704.0025	143.1948	2.314231	4.941514	.4157573	.1154938
#1	-.089764	.0662108	-.462102	5.607951	L-59.8599	54660.93	98530.76
#2	-.089052	.5258227	.1242479	5.857635	L-63.8734	54550.35	98433.09
#3	.0360209	-.395689	-.295012	5.658033	L-58.0186	54225.19	98304.13

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.43929	-1.91083	H233548.1	-.001135	L-11.5874	.1799109	-5.77735
SDev	.11449	.47771	594.5	.345457	9.0081	1.828282	4.39040
%RSD	1.000823	25.00000	.2545394	30440.16	77.74083	1016.215	75.99329
#1	11.37219	-1.43312	H232896.3	-.251483	L-18.2290	2.018603	-8.31501
#2	11.37419	-1.91083	H233687.6	-.144913	-1.33381	-1.63778	-.707755
#3	11.57148	-2.38854	H234060.5	.3929906	L-15.1994	.1589106	-8.30927

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.62415	.4430542	.0477369	22.16116	L-11.6218	-1.35150	13.06902
SDev	9.11314	4.337848	.8891028	4.79080	9.0219	.18720	.39463
%RSD	78.39839	979.0784	1862.505	21.61800	77.62938	13.85136	3.019573
#1	1.340471	3.958729	1.049194	25.14720	L-18.2730	-1.45638	13.38329
#2	14.83365	-4.40460	-.257246	16.63522	-1.35240	-1.46274	13.19764
#3	18.69832	1.775030	-.648737	24.70106	L-15.2399	-1.13537	12.62613

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	344.3514	L-54.7793	600.8653	1.798451	-.505070
SDev	2.0014	2.5923	.7238	.001550	.179434
%RSD	.5812153	4.732220	.1204655	.0861669	35.52647
#1	344.3469	L-53.8413	601.3135	1.796807	-.703213
#2	342.3522	L-57.7099	601.2521	1.798663	-.458448
#3	346.3551	L-52.7865	600.0302	1.799884	-.353549

Method: STL3 Sample Name: 213464-15 Operator: NP
Run Time: 08/21/06 15:36:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0403397	L-52.2175	.1153472	3.085883	4.442285	-.050986	1839.083
SDev	.1527745	9.6702	3.650590	.354478	.031192	.059093	19.979
%RSD	378.7199	18.51907	3164.871	11.48709	.7021595	115.8986	1.086384
#1	.1557739	L-41.2682	3.607410	2.757448	4.408245	-.119221	1816.500
#2	.0981485	L-55.7955	-3.67542	3.461648	4.449110	-.016770	1846.286
#3	-.132903	L-59.5888	.4140473	3.038552	4.469499	-.016968	1854.462

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1136497	.0771551	.1637814	22.91264	39.93637	48.80726	390.7758
SDev	.2585001	.2296455	.1745330	.43618	4.06684	10.40067	1.1656
%RSD	227.4534	297.6415	106.5646	1.903664	10.18331	21.30968	.2982901
#1	.1760962	-.152723	.1078720	22.43002	43.21209	37.02619	392.0476
#2	.3352063	.0776213	.0240538	23.27869	35.38450	52.67821	389.7584
#3	-.170353	.3065671	.3594185	23.02921	41.21254	56.71738	390.5214

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.591706	.7961785	979.4523	.8119385	-5.50747	-2.31052	-8.28151
SDev	.000378	.2758044	19.3040	.2256577	7.26516	.83959	2.17473
%RSD	.0039369	34.64103	1.970895	27.79246	131.9145	36.33756	26.26004
#1	9.591303	.9554142	998.0207	.5590913	-8.00928	-1.66980	-8.00460
#2	9.591764	.9554142	980.8478	.8838404	L-11.1911	-3.26097	L-10.5814
#3	9.592052	.4777070	959.4885	.9928837	2.677997	-2.00079	-6.25850

Elem	Ti1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.001968	-4.05410	-1.44084	10.79866	-5.52440	.0116507	17.08660
SDev	2.946626	1.58975	.98079	5.31035	7.27482	.3825670	.39552
%RSD	147.1865	39.21352	68.07037	49.17598	131.6854	3283.626	2.314778
#1	4.579474	-2.22023	-1.39580	6.394965	-8.02429	-.209322	16.77070
#2	2.636740	-4.90023	-2.44337	16.69583	L-11.2197	-.209127	17.53019
#3	-1.21031	-5.04183	-.483353	9.305194	2.670762	.4534011	16.95893

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	404.4535	-1.05386	5.492030	.3288610	-.637165
SDev	1.5381	5.81074	.041874	.0734496	.099129
%RSD	.3802845	551.3752	.7624497	22.33455	15.55775
#1	402.7723	4.573099	5.449029	.3805068	-.598314
#2	405.7900	-.702270	5.494383	.2447768	-.749835
#3	404.7980	-7.03242	5.532678	.3612995	-.563348

Method: STL3 Sample Name: 213464-15 SD 5 Operator: NP
Run Time: 08/21/06 15:42:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.210737	L-63.3706	.4269184	-1.73504	.8708302	-.068000	371.0481
SDev	.120425	7.1660	.9391544	.14101	.0235776	.051449	3.6472
%RSD	57.14488	11.30801	219.9845	8.127436	2.707482	75.66028	.9829502
#1	-.075600	L-55.1675	-.644988	-1.73478	.8572159	-.119440	366.9600
#2	-.306691	L-66.5323	.8204834	-1.87619	.8572195	-.068019	372.2162
#3	-.249919	L-68.4119	1.105259	-1.59416	.8980553	-.016542	373.9682

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3048042	-.113611	-.084653	6.323009	5.923134	37.02623	76.06914
SDev	.2273062	.237151	.242139	.236109	1.943277	4.81648	1.52618
%RSD	74.57449	208.7388	286.0373	3.734131	32.80825	13.00829	2.006312
#1	.5570707	-.378236	-.224348	6.056576	5.945772	31.47228	74.54295
#2	.2414348	.0796994	.1949451	6.406144	7.854993	39.55074	76.06914
#3	.1159071	-.042297	-.224555	6.506305	3.968637	40.05566	77.59532

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.886127	.7961783	355.8745	.0326889	-1.32537	-1.05124	-6.08331
SDev	.000124	1.988853	4.9436	.8160616	1.10975	1.60875	5.28125
%RSD	.0065782	249.8000	1.389131	2496.451	83.73154	153.0337	86.81551
#1	1.886011	2.388535	352.2861	-.724065	-.043938	-2.59293	-8.36647
#2	1.886112	1.433121	353.8240	-.075195	-1.96590	.6170825	-9.83887
#3	1.886258	-1.43312	361.5134	.8973263	-1.96627	-1.17787	-.044582

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.291013	-4.36326	.6014918	3.208623	-1.33051	-.658463	18.70916
SDev	4.017916	1.49044	3.065832	5.108554	1.10575	.215853	.00293
%RSD	311.2220	34.15879	509.7047	159.2133	83.10736	32.78142	.0156590
#1	4.506108	-3.67367	-2.05417	9.106074	-.053698	-.528180	18.71232
#2	2.580192	-6.07362	3.956617	.1486452	-1.96861	-.539586	18.70862
#3	-3.21326	-3.34250	-.097972	.3711500	-1.96921	-.907621	18.70653

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	77.93673	-2.57793	1.127086	.0853393	-.571118
SDev	2.32058	3.19090	.008825	.0846354	.017804
%RSD	2.977521	123.7772	.7829918	99.17515	3.117400
#1	76.59628	.3525176	1.122070	-.011734	-.575003
#2	80.61631	-2.10895	1.121912	.1240920	-.551692
#3	76.59761	-5.97737	1.137276	.1436600	-.586658

Method: STL3 Sample Name: 213432-3 T Operator: NP
Run Time: 08/21/06 15:48:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.057525	L-62.9500	1.817306	13.49556	.4966439	-.102493	32.12116
SDev	.166648	2.2167	4.585260	.21429	.0117875	.029669	.89211
%RSD	289.6954	3.521349	252.3109	1.587826	2.373437	28.94743	2.777314
#1	-.249953	L-60.8423	5.153850	13.72913	.4898179	-.119561	31.14780
#2	.0383666	L-65.2616	3.709260	13.30806	.5102549	-.068234	32.31583
#3	.0390110	L-62.7462	-3.41119	13.44948	.4898588	-.119682	32.89986

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0403167	.2678796	.0000797	1.880372	10.39423	30.29419	9.668811
SDev	.2223630	.1757115	.1744692	.076193	4.92518	8.20889	1.525802
%RSD	551.5412	65.59345	218985.6	4.052040	47.38383	27.09723	15.78066
#1	-.170874	.0753326	.1956194	1.813813	15.61787	39.55074	11.19449
#2	.0194447	.4195496	-.055706	1.863822	9.729867	27.43310	9.669060
#3	.2723798	.3087566	-.139674	1.963480	5.834947	23.89872	8.142884

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3904737	-.159236	1146.767	.0334705	L-10.7217	-2.54877	-6.79410
SDev	.0565105	.994427	15.074	.1080202	1.8754	.48313	3.97732
%RSD	14.47230	624.4996	1.314521	322.7326	17.49151	18.95525	58.54082
#1	.3252214	-.477707	1130.876	.0319148	L-11.1935	-3.01023	-3.63976
#2	.4229064	-.955414	1160.864	-.073763	-8.65549	-2.04656	L-11.2621
#3	.4232934	.9554142	1148.561	.1422601	L-12.3162	-2.58950	-5.48047

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14.15583	-6.41369	-.620001	13.66100	L-10.7467	-.113406	3.929516
SDev	5.11041	1.69791	1.568365	5.74543	1.8820	.204439	.219963
%RSD	36.10106	26.47327	252.9618	42.05713	17.51244	180.2716	5.597714
#1	19.95016	-4.65695	-2.18891	18.51286	L-11.2238	-.228637	4.056445
#2	12.22592	-8.04592	.9478217	7.316588	-8.67208	-.234218	3.675525
#3	10.29142	-6.53820	-.618916	15.15356	L-12.3443	.1226376	4.056579

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	7.023374	-1.17281	.0170217	.0325111	-.606084
SDev	2.317176	3.07256	.0044452	.0224208	.058665
%RSD	32.99235	261.9819	26.11490	68.96369	9.679277
#1	4.347736	-.352235	.0144816	.0066217	-.668247
#2	8.356037	1.406146	.0221545	.0454464	-.551692
#3	8.366348	-4.57235	.0144290	.0454651	-.598314

Method: STL3 Sample Name: 213432-13 T Operator: NP
Run Time: 08/21/06 15:54:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0003071	L-57.0556	-1.76033	-4.61727	1.088527	-.119634	38.35072
SDev	.2187148	6.5648	1.76886	.13895	.011755	.000101	1.21574
%RSD	71212.95	11.50601	100.4843	3.009419	1.079887	.0845927	3.170046
#1	.0964534	L-49.4752	-3.73326	-4.61672	1.081727	-.119564	36.98801
#2	-.250011	L-60.8430	-1.23163	-4.75650	1.081754	-.119750	38.74007
#3	.1544791	L-60.8485	-.316113	-4.47859	1.102100	-.119587	39.32409

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.116481	.0381783	1.900872	1.597488	4.562580	7.741830	16.03390
SDev	.017883	.2418282	.256140	.201757	8.102655	10.86422	.88157
%RSD	15.35309	633.4181	13.47485	12.62963	177.5893	140.3314	5.498183
#1	-.137065	-.038695	2.124525	1.364519	1.967845	-3.36603	16.54288
#2	-.104764	-.155869	1.621439	1.714130	-1.92488	8.246704	15.01595
#3	-.107613	.3090988	1.956653	1.713814	13.64477	18.34481	16.54288

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.171062	-.000000	263.4884	.6824331	-9.06991	-4.01111	L-10.7619
SDev	.056211	.955414	11.8146	.3900308	.80129	1.08233	2.2059
%RSD	4.800023	29e9	4.483899	57.15297	8.834581	26.98338	20.49716
#1	1.203675	-.000000	249.8469	1.114955	-8.96874	-3.44926	L-13.0803
#2	1.106155	-.955414	270.1810	.3574634	-8.32402	-3.32524	L-10.5164
#3	1.203355	.9554142	270.4373	.5748810	-9.91699	-5.25882	-8.68904

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.360112	-9.32194	-1.36047	19.78316	-9.09940	-.111339	3.355769
SDev	3.853693	1.94917	.85026	4.03894	.80071	.183327	.108246
%RSD	46.09619	20.90945	62.49719	20.41605	8.799635	164.6558	3.225668
#1	4.498829	-7.54995	-1.40278	15.60321	-8.99394	-.222689	3.480750
#2	12.20617	-9.00615	-.489848	23.66452	-8.35664	.1002509	3.294725
#3	8.375337	L-11.4097	-2.18878	20.08175	-9.94761	-.211580	3.291833

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	-4.67275	5.862721	-.137326	-.012895	-.808112
SDev	1.00156	2.288186	.008865	.019370	.126073
%RSD	21.43414	39.02942	6.455429	150.2089	15.60094
#1	-4.66723	3.518110	-.147562	.0064659	-.703213
#2	-3.67396	5.980086	-.132199	-.032273	-.947978
#3	-5.67706	8.089965	-.132216	-.012878	-.773146

Method: STL3 Sample Name: 213484-3 PDS Operator: NP
Run Time: 08/21/06 16:00:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	45.27703	2019.487	43.29653	55.69748	2106.968	59.69511	34488.59
SDev	.28856	3.480	5.11742	.38534	4.369	.31977	247.56
%RSD	.6373233	.1723170	11.81947	.6918364	.2073669	.5356701	.7177955
#1	44.98863	2017.182	49.12653	55.32459	2102.213	59.33656	34215.66
#2	45.56575	2023.490	39.54703	55.67370	2110.805	59.79802	34551.47
#3	45.27669	2017.790	41.21605	56.09416	2107.887	59.95076	34698.64

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.96439	546.3863	210.2267	263.8604	2170.222	12682.65	15922.40
SDev	.20688	3.3276	1.0002	.4156	8.183	18.42	22.28
%RSD	.3906006	.6090273	.4757871	.1575237	.3770799	.1452023	.1399517
#1	52.93121	542.6274	209.1089	263.5275	2179.671	12667.17	15898.75
#2	52.77610	547.5762	210.5338	264.3263	2165.573	12703.01	15943.00
#3	53.18585	548.9556	211.0373	263.7276	2165.422	12677.77	15925.45

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	696.8077	-1.43312	34964.73	541.9938	53.23762	19.36212	92.06909
SDev	.7827	.47771	41.01	3.5685	7.59544	.09109	3.13235
%RSD	.1123327	33.33333	.1172814	.6584001	14.26706	.4704755	3.402176
#1	697.5561	-1.43312	34942.91	538.4612	56.37728	19.44868	88.45216
#2	696.8725	-.955414	35012.03	541.9231	58.75988	19.37060	93.87498
#3	695.9946	-1.91083	34939.24	545.5971	44.57571	19.26708	93.88013

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	54.95960	12.74792	22.66346	79.22532	53.21094	527.3948	535.5174
SDev	3.85088	1.17647	.65370	5.09606	7.60509	1.5752	.3999
%RSD	7.006744	9.228682	2.884363	6.432363	14.29235	.2986745	.0746778
#1	51.10979	13.01263	22.66107	83.41058	56.34955	526.1692	535.4047
#2	58.81155	11.46165	23.31834	73.55044	58.74440	526.8438	535.9615
#3	54.95745	13.76948	22.01096	80.71493	44.53887	529.1715	535.1859

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	3165.919	-1.05981	138.9969	.1115243	-.462333
SDev	5.229	2.13899	.3868	.0929885	.013459
%RSD	.1651808	201.8282	.2782507	83.37962	2.911010
#1	3159.880	1.401734	138.5580	.0063975	-.446793
#2	3168.935	-2.46636	139.2879	.1830122	-.470104
#3	3168.940	-2.11480	139.1447	.1451631	-.470104

Method: STL3 Sample Name: 213467-21 Operator: NP
Run Time: 08/21/06 16:06:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0000554	L-67.7878	-1.51877	-5.20327	1.000093	-.085195	51.97788
SDev	.2029178	6.6835	4.05335	.10736	.102051	.029780	1.21574
%RSD	366380.1	9.859458	266.8837	2.063310	10.20417	34.95583	2.338959
#1	-.019067	L-60.2107	.9219759	-5.17866	1.102146	-.068055	53.34060
#2	-.192624	L-70.3074	.7194284	-5.32079	1.000087	-.067947	51.58854
#3	.2118575	L-72.8452	-6.19771	-5.11034	.8980440	-.119582	51.00451

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.053457	-.040868	-.000105	2.462845	5.871034	44.76805	8.914238
SDev	.065236	.461452	.211126	.179974	3.341842	6.51175	.763089
%RSD	122.0342	1129.124	200306.8	7.307565	56.92084	14.54552	8.560341
#1	-.105386	-.501059	-.223829	2.263150	2.012295	37.53110	9.677328
#2	-.074750	-.043379	.1956317	2.512871	7.822945	46.61939	8.914237
#3	.0197648	.4218340	.0278814	2.612513	7.777863	50.15365	8.151150

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.496679	-.796178	340.2110	1.472133	-7.00398	-5.74906	-4.58788
SDev	.000140	.994426	9.5771	.767778	2.31347	.47139	3.42656
%RSD	.0093219	124.9000	2.815048	52.15414	33.03078	8.199421	74.68718
#1	1.496789	-.477707	330.4142	2.301634	-4.67057	-6.09265	-.719453
#2	1.496522	-1.91083	340.6667	.7864029	-9.29698	-5.21166	-7.24165
#3	1.496726	-.000000	349.5521	1.328362	-7.04440	-5.94287	-5.80255

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14.14807	L-14.6242	-1.31896	12.16821	-7.02377	-.343706	4.939157
SDev	12.04983	.8758	.27089	10.46152	2.31440	.204435	.291763
%RSD	85.16946	5.988810	20.53839	85.97426	32.95090	59.47952	5.907132
#1	.6409392	L-15.2227	-1.53527	7.763346	-4.68361	-.228522	4.620201
#2	23.79414	L-13.6189	-1.01513	4.629413	-9.31152	-.579745	5.004691
#3	18.00913	L-15.0308	-1.40650	24.11186	-7.07619	-.222852	5.192579

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	13.37068	3.283756	.0061485	.1361071	-.501185
SDev	2.65215	2.148795	.0000365	.1321612	.006729
%RSD	19.83560	65.43711	.5931873	97.10090	1.342673
#1	12.36728	1.408363	.0061077	.2397211	-.505070
#2	16.37814	5.628398	.0061602	.1813293	-.505070
#3	11.36663	2.814507	.0061777	-.012729	-.493415

Method: STL3 Sample Name: CCV4 Operator: NP
Run Time: 08/21/06 16:12:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50.97337	5008.130	500.0044	529.2407	510.0890	509.3481	19133.51
SDev	.20614	11.942	2.7498	1.2484	1.3594	1.3187	68.00
%RSD	.4044084	.2384438	.5499514	.2358912	.2664952	.2589047	.3554090
#1	50.74485	4994.651	502.8495	528.7014	508.7759	507.8440	19055.64
#2	51.14532	5012.349	497.3610	528.3526	510.0006	509.8943	19163.68
#3	51.02994	5017.389	499.8028	530.6681	511.4903	510.3059	19181.20

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	492.9255	528.9937	506.8206	503.6075	4720.696	36442.69	18152.29
SDev	1.0121	1.7816	1.4905	1.0551	18.283	166.60	31.89
%RSD	.2053229	.3367893	.2940804	.2095021	.3872868	.4571547	.1756770
#1	493.9954	527.0065	505.1437	502.3923	4733.272	36253.69	18129.15
#2	491.9833	530.4482	507.3238	504.2901	4699.724	36506.14	18139.06
#3	492.7978	529.5264	507.9943	504.1402	4729.093	36568.25	18188.67

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	484.3722	475.6370	38151.36	526.8281	497.1041	504.8575	469.2741
SDev	.7453	2.7164	122.91	2.1607	8.2783	1.5825	12.9084
%RSD	.1538754	.5710983	.3221684	.4101401	1.665298	.3134530	2.750709
#1	485.0234	478.6624	38016.00	524.4471	488.9863	506.4490	458.9303
#2	483.5593	473.4077	38182.09	527.3727	505.5340	503.2842	465.1520
#3	484.5339	474.8408	38256.00	528.6643	496.7919	504.8394	483.7401

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	463.9102	516.5359	499.0263	541.8719	497.0586	505.5895	497.4359
SDev	10.9870	3.2529	2.1952	15.6642	8.3022	.9946	.8917
%RSD	2.368352	.6297494	.4399015	2.890762	1.670256	.1967304	.1792642
#1	476.1411	516.3487	501.5058	556.4333	488.9182	504.5111	496.4290
#2	454.8763	513.3807	498.2427	525.2991	505.5136	505.7866	497.7528
#3	460.7131	519.8784	497.3304	543.8832	496.7441	506.4708	498.1258

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	927.3568	494.8538	500.8376	471.5833	484.9839
SDev	2.3123	8.0839	1.5262	.9181	4.9817
%RSD	.2493406	1.633598	.3047216	.1946842	1.027184
#1	926.0175	486.7717	499.1776	471.4666	479.4437
#2	926.0261	494.8503	501.1553	470.7291	486.4136
#3	930.0268	502.9395	502.1799	472.5541	489.0944

Method: STL3 Sample Name: CCB4 Operator: NP
Run Time: 08/21/06 16:18:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.364853	-49.4779	-.400613	-2.67045	.0476863	-.033790	12.45912
SDev	.300102	6.6781	3.383266	.49856	.0311664	.029747	.58402
%RSD	82.25285	13.49704	844.5216	18.66950	65.35706	88.03590	4.687480
#1	-.191331	-41.9055	-4.24539	-2.22533	.0816940	-.016467	12.45912
#2	-.191847	-52.0029	2.121555	-2.57684	.0408779	-.016765	13.04314
#3	-.711380	-54.5253	.9219996	-3.20918	.0204870	-.068139	11.87510

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0322671	-.266010	-.195977	2.079875	-3.86980	9.256564	8.902463
SDev	.1315455	.199937	.256022	.160616	1.96659	2.811166	1.321927
%RSD	407.6764	75.16140	130.6387	7.722402	50.81906	30.36943	14.84900
#1	-.072853	-.147756	.0273413	1.963213	-3.88495	6.227172	9.666054
#2	-.010128	-.496855	-.475398	2.013345	-1.89567	11.78108	7.376034
#3	.1797826	-.153420	-.139875	2.263066	-5.82877	9.761437	9.665302

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.032551	1.273886	95.94599	-.147139	.1568377	-1.09382	4.372981
SDev	.056330	1.459419	8.89218	.224391	3.300243	1.04263	6.923811
%RSD	173.0524	114.5644	9.267900	152.5035	2104.241	95.32005	158.3316
#1	.0324935	2.866242	95.54728	.0319518	-2.13599	-.257023	12.36791
#2	-.065038	.9554142	87.25988	-.074522	-1.33280	-.762611	.3689042
#3	-.065108	-.000000	105.0308	-.398846	3.939310	-2.26182	.3821348

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.48902	-3.97151	.3420729	-1.26908	.1576644	-.541814	.3177944
SDev	4.85279	2.77625	.2020742	8.69220	3.295173	.017154	.2194673
%RSD	35.97586	69.90418	59.07344	684.9199	2089.992	3.166057	69.05951
#1	17.99063	-1.90046	.5626616	-9.25747	-2.12947	-.523085	.4454355
#2	8.348372	-2.88793	.2976532	-2.53736	-1.33220	-.545592	.4435701
#3	14.12805	-7.12614	.1659039	7.987580	3.934657	-.556764	.0643777

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	-1.34192	1.758871	.0612903	.1619852	.1204398
SDev	.57792	1.268114	.0133356	.2239007	.5422401
%RSD	43.06670	72.09819	21.75809	138.2230	450.2169
#1	-1.67260	1.406966	.0689984	.4143676	.7304091
#2	-.674605	.7038747	.0689809	.0843621	-.062163
#3	-1.67856	3.165773	.0458917	-.012774	-.306927

Method: STL3 Sample Name: MB Operator: NP
Run Time: 08/21/06 16:24:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.326666	1.477797	.9019413	8.107528	.2585014	-.119324	158.0751
SDev	.133394	6.922514	2.775654	.186456	.0117835	.000230	1.2157
%RSD	40.83509	468.4347	307.7422	2.299789	4.558375	.1929756	.7690895
#1	-.249347	9.259350	1.979417	8.248404	.2653018	-.119480	156.7123
#2	-.480695	-.829699	2.977307	8.178091	.2448950	-.119060	158.4644
#3	-.249954	-3.99626	-2.25090	7.896089	.2653073	-.119433	159.0484

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0098896	-.115104	.0834613	1.946753	3.270055	19.01803	1.780288
SDev	.0912460	.404085	.2695773	.207921	1.126618	4.55343	1.165719
%RSD	922.6483	351.0611	322.9966	10.68041	34.45256	23.94269	65.47922
#1	.1152514	-.150547	-.224043	1.713673	1.969991	14.30564	.5082229
#2	-.042836	-.500299	.2790772	2.113157	3.960618	23.39381	2.797487
#3	-.042747	.3055349	.1953502	2.013430	3.879556	19.35464	2.035154

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.033072	.1592355	80.45338	-.396205	-.900303	-1.62400	-1.76734
SDev	.056503	1.103217	4.11904	.284885	4.305042	.61671	2.71806
%RSD	170.8503	692.8210	5.119790	71.90342	478.1768	37.97496	153.7938
#1	-.065405	1.433121	78.11809	-.501891	-1.80998	-.916920	.7592908
#2	-.065982	-.477707	85.20939	-.073580	-4.67781	-2.05078	-4.64309
#3	.0321717	-.477707	78.03266	-.613143	3.786880	-1.90430	-1.41822

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.290569	-4.09524	-.391033	2.087864	-.903895	-.555166	-.064439
SDev	10.96813	1.54217	1.636392	7.787590	4.302677	.585425	.108183
%RSD	849.8680	37.65776	418.4791	372.9931	476.0149	105.4505	167.8852
#1	L-10.9254	-5.72935	1.484886	-3.88433	-1.80850	-.205900	-.126285
#2	4.504341	-3.89101	-1.13285	-.748090	-4.68235	-1.23103	.0604784
#3	10.29281	-2.66535	-1.52514	10.89601	3.779163	-.228567	-.127510

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	-3.68979	8.323026	1.267080	.0982361	-.462333
SDev	2.01226	5.002302	.015381	.0488603	.057495
%RSD	54.53590	60.10196	1.213896	49.73764	12.43584
#1	-1.67913	4.923415	1.251705	.1047118	-.423482
#2	-5.70365	14.06696	1.267069	.0464608	-.435137
#3	-3.68659	5.978698	1.282467	.1435357	-.528381

lethod: STL3 Sample Name: LCSM05DLCS001 Operator: NP
un Time: 08/21/06 16:30:12
omment:
lode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	318.3978	6182.873	1040.408	526.6073	326.4203	112.9202	31883.47
SDev	.6509	16.212	5.373	1.4905	.9735	.5124	160.37
%RSD	.2044335	.2622026	.5163860	.2830439	.2982467	.4537678	.5029913
#1	317.6469	6164.157	1035.076	525.9229	325.5017	112.4085	31715.46
#2	318.8018	6191.927	1040.328	525.5819	326.3184	112.9187	31900.01
#3	318.7447	6192.536	1045.821	528.3171	327.4408	113.4333	32034.92

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	317.9891	337.8352	325.2556	329.9101	24875.60	18962.63	15055.32
SDev	.2800	2.3074	1.5394	.9798	35.92	62.01	22.77
%RSD	.0880474	.6830043	.4732965	.2970040	.1443924	.3269944	.1512353
#1	318.2448	335.4884	323.4946	328.7787	24914.85	18891.10	15040.32
#2	317.6899	337.9161	325.9263	330.4758	24844.36	18995.61	15044.12
#3	318.0326	340.1011	326.3459	330.4759	24867.59	19001.17	15081.52

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	206.9888	308.1210	28776.54	332.3356	527.7947	1066.138	1052.970
SDev	.4909	2.1891	52.14	.9851	6.1829	2.368	6.559
%RSD	.2371471	.7104734	.1811903	.2964080	1.171462	.2220900	.6228814
#1	207.5089	305.7325	28740.26	331.4306	534.9320	1067.565	1059.395
#2	206.5336	308.5987	28836.29	332.1913	524.3791	1067.445	1053.231
#3	206.9237	310.0319	28753.07	333.3848	524.0731	1063.405	1046.285

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	977.3575	1093.661	1052.397	570.8251	527.7510	325.3601	315.7068
SDev	6.1962	1.194	3.145	4.0342	6.1857	1.5557	.5039
%RSD	.6339737	.1091573	.2988684	.7067226	1.172080	.4781594	.1596250
#1	979.9877	1094.993	1053.871	574.8607	534.8914	323.9939	316.2769
#2	981.8048	1093.303	1054.534	566.7924	524.3361	325.0329	315.5224
#3	970.2802	1092.688	1048.785	570.8221	524.0256	327.0533	315.3210

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	233.7575	3.149402	.6005153	1038.735	.1592913
SDev	1.5372	3.376243	.0029477	1.509	.3641283
%RSD	.6575921	107.2027	.4908609	.1452927	228.5927
#1	233.3943	2.564202	.5978473	1039.362	.5788881
#2	232.4344	6.779992	.6000190	1037.014	-.027196
#3	235.4437	.1040127	.6036797	1039.830	-.073818

Method: STL3 Sample Name: 213432-1 S Operator: NP
Run Time: 08/21/06 16:36:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1763166	27326.20	24.78837	32.97567	305.6265	1.342980	H197011.6
SDev	.1205673	71.19	1.83150	.47442	.7897	.029325	579.2
%RSD	68.38110	.2605372	7.388558	1.438698	.2583811	2.183581	.2939847
#1	.0412974	27244.93	26.11778	33.25594	304.7149	1.376838	H196375.0
#2	.2144355	27377.58	25.54806	32.42791	306.0622	1.325626	H197152.3
#3	.2732171	27356.08	22.69927	33.24318	306.1024	1.326475	H197507.4

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.048602	22.37937	36.35669	105.0172	57920.03	3838.774	78845.89
SDev	.271337	.57704	.12930	.3248	79.12	5.399	129.75
%RSD	6.701998	2.578442	.3556440	.3092461	.1366073	.1406390	.1645583
#1	3.743463	22.99183	36.46978	104.6847	57921.84	3839.953	78725.07
#2	4.262750	22.30036	36.38457	105.3337	57840.02	3832.884	78829.59
#3	4.139591	21.84590	36.21572	105.0333	57998.23	3843.487	78983.02

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1637.768	-.000000	1301.949	42.31929	-3.46672	433.6699	-7.37349
SDev	3.250	1.654826	2.600	.37814	.74668	1.6585	2.64084
%RSD	.1984304	2082e6	.1997302	.8935308	21.53855	.3824275	35.81538
#1	1637.251	-.955414	1302.861	41.92629	-2.61775	435.5048	-4.39096
#2	1634.808	-.955414	1303.971	42.68056	-3.76095	432.2779	-9.41470
#3	1641.246	1.910828	1299.016	42.35102	-4.02146	433.2268	-8.31481

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.18502	446.0384	427.4941	7.387570	-3.47825	59.33562	348.6323
SDev	6.79985	2.3416	3.3070	5.465660	.74982	.33349	.8453
%RSD	60.79423	.5249846	.7735763	73.98454	21.55743	.5620325	.2424662
#1	7.322510	443.9002	431.3127	5.679639	-2.62672	59.65758	347.8140
#2	7.196083	445.6741	425.5891	2.979819	-3.76837	58.99169	348.5806
#3	19.03647	448.5408	425.5805	13.50325	-4.03967	59.35757	349.5022

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	3599.192	2.657293	178.9664	313.7892	13.59804
SDev	8.529	6.713175	.4393	.5712	.09103
%RSD	.2369673	252.6321	.2454609	.1820204	.6694512
#1	3589.498	-4.96275	178.4614	313.5911	13.49314
#2	3602.536	5.235286	179.1780	313.3436	13.65632
#3	3605.543	7.699346	179.2599	314.4331	13.64466

Method: STL3 Sample Name: 213432-2 S Operator: NP
Run Time: 08/21/06 16:42:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.187493	22981.59	18.39500	19.52074	247.8175	1.117402	H229517.2
SDev	.327853	44.69	3.16237	.13228	.1779	.030206	1227.0
%RSD	174.8615	.1944613	17.19144	.6776442	.0718020	2.703221	.5345930
#1	-.552630	22934.86	19.90695	19.37410	247.9665	1.136038	H228136.4
#2	.0816429	22986.01	14.76048	19.55704	247.6205	1.082552	H229932.8
#3	-.091492	23023.91	20.51759	19.63109	247.8654	1.133617	H230482.4

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.445871	21.91297	32.03159	53.01617	51378.51	3556.197	33347.75
SDev	.228142	.70385	.12606	.02903	143.39	18.365	48.43
%RSD	9.327644	3.212041	.3935544	.0547482	.2790793	.5164117	.1452360
#1	2.184756	21.29800	31.89409	52.99899	51543.83	3536.506	33401.98
#2	2.606646	22.68064	32.05898	52.99983	51303.61	3572.859	33332.47
#3	2.546212	21.76028	32.14171	53.04968	51288.07	3559.227	33308.81

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1218.134	-1.91083	704.5723	45.25601	-5.15000	35.67927	-6.30757
SDev	5.786	.00000	4.0349	.43418	2.48944	.09009	.33389
%RSD	.4750166	.0000000	.5726745	.9593884	48.33865	.2525126	5.293457
#1	1224.769	-1.91083	700.7845	44.82115	-6.21601	35.72586	-5.98518
#2	1215.500	-1.91083	704.1166	45.68951	-2.30506	35.73652	-6.65188
#3	1214.133	-1.91083	708.8157	45.25736	-6.92893	35.57542	-6.28565

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.48321	35.86743	35.58453	3.443697	-5.15927	46.61713	117.3777
SDev	1.95630	1.29089	.51196	2.924767	2.49485	.51311	.5986
%RSD	11.86844	3.599071	1.438705	84.93100	48.35666	1.100694	.5100017
#1	16.75863	36.75471	35.21141	4.434719	-6.22734	46.05687	116.8417
#2	18.28720	36.46107	35.37399	.1521776	-2.30819	47.06419	118.0237
#3	14.40379	34.38650	36.16818	5.744196	-6.94229	46.73033	117.2678

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	3161.372	L-10.6946	361.6630	267.3637	18.13979
SDev	6.266	4.5689	.4735	1.2026	.24066
%RSD	.1982199	42.72187	.1309312	.4498079	1.326697
#1	3159.354	L-15.9665	361.1906	268.7326	17.86394
#2	3168.399	-8.23410	361.6608	266.8810	18.30685
#3	3156.363	-7.88324	362.1376	266.4773	18.24857

lethod: STL3 Sample Name: 213432-4 S Operator: NP
.un Time: 08/21/06 16:48:11
:omment:
lode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3168435	19790.84	32.43048	24.67404	337.7771	1.081951	83933.77
SDev	.1993013	93.32	3.25506	.36185	.9202	.029274	424.47
%RSD	62.90215	.4715352	10.03703	1.466524	.2724350	2.705656	.5057235
#1	.5469768	19683.26	30.45010	24.28359	336.7495	1.048159	83455.66
#2	.2016092	19839.26	30.65409	24.99810	338.5253	1.099576	84079.38
#3	.2019445	19849.99	36.18725	24.74044	338.0564	1.098118	84266.27

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.940429	18.20135	36.52900	658.7349	56560.56	1992.009	29953.88
SDev	.290016	.30529	.41285	1.6377	98.17	16.647	27.14
%RSD	7.360004	1.677319	1.130209	.2486057	.1735584	.8356653	.0905943
#1	3.851097	17.96760	36.05474	656.8546	56647.08	1972.823	29929.99
#2	3.705588	18.54676	36.72421	659.8495	56580.71	2000.592	29983.38
#3	4.264602	18.08971	36.80806	659.5004	56453.88	2002.612	29948.27

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	933.6038	1.114650	1267.319	46.43804	-1.51323	1441.025	-.524031
SDev	1.9769	1.459419	11.128	.63165	3.44425	3.948	2.125447
%RSD	.2117465	130.9308	.8780378	1.360196	227.6089	.2739732	405.5960
#1	935.8163	-.477707	1254.759	47.15658	2.072359	1440.978	-1.76687
#2	932.9842	1.433121	1271.249	46.18720	-4.79616	1437.101	1.930157
#3	932.0110	2.388535	1275.948	45.97034	-1.81589	1444.997	-1.73538

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.35770	1482.117	1420.510	7.382372	-1.52280	46.29945	686.0212
SDev	4.42361	4.949	4.348	4.956534	3.45029	.34165	.8121
%RSD	42.70837	.3339069	.3060878	67.14012	226.5752	.7379107	.1183760
#1	13.06417	1478.360	1422.315	6.795542	2.066964	46.27860	686.5770
#2	5.252861	1480.267	1415.550	12.60620	-4.81424	45.96870	686.3975
#3	12.75608	1487.725	1423.664	2.745377	-1.82113	46.65104	685.0893

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	3282.497	75.39386	229.0180	284.1444	11.25918
SDev	10.832	5.12474	.8731	.7101	.09775
%RSD	.3300062	6.797288	.3812174	.2498998	.8681659
#1	3270.112	70.58839	228.0123	284.5622	11.37185
#2	3287.174	80.78717	229.5814	284.5464	11.20867
#3	3290.205	74.80601	229.4602	283.3245	11.19702

Method: STL3 Sample Name: 213432-5 S Operator: NP
Run Time: 08/21/06 16:54:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.436038	56022.04	39.27775	54.15582	318.9709	6.294216	58720.80
SDev	.317923	215.33	2.03431	.61122	.7907	.059111	248.01
%RSD	72.91191	.3843748	5.179291	1.128641	.2479059	.9391376	.4223577
#1	-.070423	55775.07	37.03303	53.92072	318.0590	6.225960	58434.43
#2	-.590218	56120.58	39.80065	54.84969	319.4672	6.328364	58866.61
#3	-.647472	56170.47	40.99957	53.69706	319.3864	6.328324	58861.35

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.277620	43.14847	73.37603	117.4841	H122976.9	9475.675	28387.50
SDev	.044461	.46344	.42197	.3767	164.3	39.353	31.43
%RSD	.7082500	1.074048	.5750753	.3206747	.1335756	.4153039	.1107189
#1	6.232239	42.72961	73.32040	117.1346	H123112.2	9430.234	28351.66
#2	6.279522	43.64632	73.82305	117.8832	H123024.3	9498.396	28400.47
#3	6.321100	43.06948	72.98463	117.4347	H122794.1	9498.396	28410.37

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1492.780	-1.27389	2341.692	70.24036	-1.33339	371.3785	L-11.5979
SDev	3.225	.72971	10.022	.54062	1.87814	1.1546	3.2106
%RSD	.2160335	57.28219	.4279642	.7696754	140.8548	.3108916	27.68277
#1	1496.099	-.477707	2330.158	69.69974	-.707542	370.1881	-7.98545
#2	1492.583	-1.91083	2346.647	70.24035	-3.44454	371.4538	L-12.6823
#3	1489.658	-1.43312	2348.271	70.78098	.1519253	372.4936	L-14.1258

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	31.95233	381.8990	366.1253	2.743200	-1.33813	84.24707	201.4561
SDev	2.72074	1.2959	2.3087	2.853804	1.87920	.00758	.2756
%RSD	8.515004	.3393227	.6305789	104.0319	140.4344	.0089946	.1368243
#1	28.94052	383.3908	363.5958	6.038484	-.714962	84.25366	201.3756
#2	32.68414	381.0520	366.6611	1.100313	-3.44976	84.23879	201.7630
#3	34.23231	381.2542	368.1190	1.090802	.1503182	84.24876	201.2296

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	3831.576	18.05594	137.0649	81.30695	42.93485
SDev	9.269	2.19586	.4083	.12355	.08159
%RSD	.2419082	12.16140	.2979098	.1519511	.1900311
#1	3820.873	15.59463	136.5982	81.44784	42.84160
#2	3836.931	19.81409	137.2404	81.25590	42.99313
#3	3836.923	18.75911	137.3562	81.21710	42.96981

Method: STL3 Sample Name: 213432-6 S Operator: NP
Run Time: 08/21/06 17:00:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5234532	22401.87	47.48676	34.59403	444.5731	1.627384	H151263.0
SDev	.1997483	42.39	3.33622	.16434	.9653	.001050	348.2
%RSD	38.15974	.1892329	7.025587	.4750541	.2171357	.0644971	.2301793
#1	.4080809	22368.81	50.53109	34.54385	444.2669	1.627317	H150876.2
#2	.4081760	22387.13	43.92023	34.77761	443.7980	1.626370	H151551.3
#3	.7541027	22449.66	48.00894	34.46063	445.6544	1.628466	H151361.5

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.018971	21.24892	38.47288	561.2679	55471.99	3119.794	37018.85
SDev	.428339	.23333	.25566	1.3429	100.83	16.418	60.43
%RSD	10.65792	1.098074	.6645204	.2392561	.1817671	.5262472	.1632534
#1	3.553225	21.24898	38.24994	560.8686	55490.19	3105.319	36996.48
#2	4.396011	21.48222	38.75194	560.1700	55363.30	3116.427	36972.79
#3	4.107677	21.01556	38.41677	562.7651	55562.48	3137.633	37087.28

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1366.707	1.592357	1461.091	50.98639	1.902180	1803.274	-2.51359
SDev	2.618	.729709	8.415	.22427	5.184739	.252	3.50402
%RSD	.1915545	45.82575	.5759103	.4398586	272.5682	.0139789	139.4031
#1	1368.725	1.433121	1454.255	50.80506	1.047651	1803.015	-6.28876
#2	1363.748	2.388535	1458.527	50.91695	-2.80221	1803.518	.6346419
#3	1367.647	.9554142	1470.488	51.23717	7.461097	1803.288	-1.88665

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.85463	1858.936	1775.483	11.60193	1.891803	57.34062	773.4262
SDev	6.70820	4.038	2.305	7.76473	5.191319	.01063	2.0384
%RSD	48.41851	.2172031	.1298245	66.92622	274.4111	.0185344	.2635568
#1	21.59808	1863.413	1772.860	3.097421	1.044931	57.33826	772.8535
#2	9.812019	1857.826	1776.404	18.31307	-2.82401	57.35223	771.7353
#3	10.15379	1855.570	1777.185	13.39531	7.454490	57.33137	775.6896

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	3278.007	80.59779	331.7372	415.8461	15.99907
SDev	3.516	3.61117	.5073	1.1175	.20188
%RSD	.1072564	4.480487	.1529150	.2687262	1.261814
#1	3274.661	77.54990	331.4276	415.7724	15.88251
#2	3277.688	79.65733	331.4613	414.7673	16.23218
#3	3281.671	84.58615	332.3226	416.9987	15.88251

Method: STL3 Sample Name: 213432-7 S Operator: NP
Run Time: 08/21/06 17:06:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3137917	39992.37	28.96225	21.19866	365.2549	1.852332	68640.40
SDev	.0660575	93.57	2.52941	.29113	.2011	.057858	482.90
%RSD	21.05138	.2339671	8.733458	1.373325	.0550485	3.123539	.7035229
#1	.3523345	39885.41	31.59892	20.92358	365.4859	1.785525	68087.13
#2	.3515241	40059.11	26.55585	21.50354	365.1596	1.886227	68856.88
#3	.2375165	40032.57	28.73200	21.16885	365.1192	1.885243	68977.18

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.617277	20.85128	43.68430	88.70325	51435.49	2644.343	20196.66
SDev	.334865	.41802	.68238	.24636	96.66	10.433	9.82
%RSD	12.79440	2.004775	1.562070	.2777297	.1879312	.3945463	.0486257
#1	2.305230	20.38894	42.90231	88.42024	51533.12	2632.731	20203.79
#2	2.575552	20.96236	43.99155	88.81983	51433.53	2652.927	20200.73
#3	2.971049	21.20255	44.15904	88.86968	51339.82	2647.373	20185.46

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	556.6376	-.000000	1216.569	43.22791	1.803776	716.0330	-5.30328
SDev	1.3119	1.910828	10.735	.47149	7.191268	1.9554	6.61977
%RSD	.2356907	4441e6	.8823876	1.090697	398.6785	.2730880	124.8241
#1	558.1005	-.000000	1205.548	42.68711	6.304998	713.7858	2.108888
#2	556.2470	-1.91083	1226.992	43.55263	-6.48990	717.3473	-7.39189
#3	555.5654	1.910828	1217.167	43.44399	5.596227	716.9658	L-10.6268

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.90028	734.1481	706.9881	15.54102	1.789358	79.08654	309.4089
SDev	4.98550	5.5603	1.0729	6.65784	7.196724	.38874	.2931
%RSD	41.89394	.7573805	.1517515	42.84043	402.1959	.4915428	.0947177
#1	10.12460	727.9717	706.7027	22.86724	6.287752	78.63849	309.1431
#2	8.045715	735.7181	708.1748	13.89577	-6.51097	79.28687	309.7232
#3	17.53053	738.7547	706.0868	9.860059	5.591291	79.33425	309.3604

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	3888.178	83.45235	106.5904	429.4989	7.645985
SDev	15.353	4.00082	.0872	1.3697	.129964
%RSD	.3948659	4.794142	.0817779	.3189024	1.699766
#1	3871.425	86.73803	106.4940	430.9648	7.548856
#2	3891.533	78.99707	106.6636	429.2802	7.793621
#3	3901.576	84.62196	106.6137	428.2518	7.595478

Method: STL3 Sample Name: 213432-8 S Operator: NP
Run Time: 08/21/06 17:12:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.498082	25435.94	18.21860	79.42968	122.4543	1.964250	H463497.3
SDev	.251758	60.92	3.45317	.43754	.1476	.051091	2444.9
%RSD	50.54555	.2394939	18.95412	.5508498	.1204997	2.601047	.5274831
#1	-.613642	25369.20	21.35151	79.87708	122.2906	1.913388	H460690.7
#2	-.671315	25450.04	14.51601	79.40923	122.4952	2.015567	H464636.9
#3	-.209290	25488.56	18.78829	79.00272	122.5771	1.963793	H465164.3

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.151880	26.63485	32.01448	57.62571	55016.02	9903.496	H248715.4
SDev	.484309	.37189	.21002	.22527	110.99	17.960	125.4
%RSD	11.66482	1.396266	.6560238	.3909247	.2017364	.1813456	.0504081
#1	3.594496	26.48029	31.99169	57.40910	55133.69	9887.677	H248578.1
#2	4.469917	26.36517	31.81679	57.85875	55001.16	9899.793	H248823.7
#3	4.391226	27.05910	32.23497	57.60927	54913.22	9923.019	H248744.4

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1713.135	-1.59236	989.8472	53.65399	L-15.4241	134.0118	-5.60966
SDev	4.037	.99443	1.8410	.54417	2.8685	1.9605	3.35646
%RSD	.2356688	62.44997	.1859901	1.014224	18.59777	1.462937	59.83352
#1	1717.561	-2.38854	989.9896	54.15918	L-18.6870	133.2296	-4.05444
#2	1712.190	-1.91083	991.6128	53.72498	L-13.2994	136.2427	-9.46165
#3	1709.654	-.477707	987.9391	53.07781	L-14.2858	132.5632	-3.31290

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.336650	138.2835	131.8784	5.344686	L-15.4455	40.03389	83.72650
SDev	9.464522	3.6744	1.1402	2.817741	2.8692	.52389	.27221
%RSD	101.3696	2.657162	.8645765	52.72042	18.57640	1.308624	.3251207
#1	-.116074	137.3104	131.1915	3.218002	L-18.7096	39.46417	83.96308
#2	9.313095	142.3465	133.1946	8.540533	L-13.3219	40.14260	83.78744
#3	18.81293	135.1935	131.2492	4.275524	L-14.3050	40.49489	83.42899

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	4157.499	2.540190	216.7986	54.45711	26.94743
SDev	6.467	3.354830	.3566	.22990	.17496
%RSD	.1555529	132.0700	.1644997	.4221636	.6492721
#1	4150.121	.4306955	216.3946	54.63211	26.74541
#2	4162.183	6.408726	216.9314	54.54248	27.04845
#3	4160.195	.7811490	217.0697	54.19674	27.04845

Method: STL3 Sample Name: 213432-9 S Operator: NP
Run Time: 08/21/06 17:18:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7907634	20375.15	75.41583	24.57871	232.2426	.7165796	H117366.6
SDev	.2959394	73.48	2.30672	.34071	.6281	.0299057	678.1
%RSD	37.42452	.3606527	3.058667	1.386204	.2704308	4.173398	.5777716
#1	.4639581	20290.30	73.29282	24.47304	231.5490	.6995748	H116601.8
#2	.8676860	20416.62	75.08430	24.95974	232.4060	.6990535	H117603.9
#3	1.040646	20418.52	77.87038	24.30337	232.7728	.7511104	H117894.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.273071	11.04054	22.52889	246.9898	39097.92	2126.650	15456.09
SDev	.322446	.73986	.47620	.7484	81.92	14.032	31.74
%RSD	9.851495	6.701335	2.113725	.3030199	.2095365	.6598005	.2053444
#1	3.073421	10.19651	22.13897	246.2414	39039.43	2110.661	15420.22
#2	3.100725	11.34805	23.05961	246.9899	39062.77	2132.372	15467.52
#3	3.645066	11.57705	22.38808	247.7383	39191.55	2136.916	15480.52

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1183.760	-2.54777	4505.076	24.95234	-5.46931	1914.639	1.331544
SDev	2.009	.27580	15.448	.63513	7.98124	2.946	.905402
%RSD	.1697376	10.82531	.3429093	2.545392	145.9277	.1538462	67.99644
#1	1183.014	-2.38854	4488.131	24.48388	-2.02583	1916.019	1.207282
#2	1182.231	-2.38854	4518.376	25.67525	.2121229	1916.642	.4946903
#3	1186.036	-2.86624	4508.722	24.69789	L-14.5942	1911.257	2.292659

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.810397	1973.859	1885.072	8.561303	-5.48403	41.55371	1036.838
SDev	11.72599	5.268	5.769	10.72631	7.97928	.38353	3.817
%RSD	119.5261	.2668669	.3060410	125.2883	145.5004	.9229755	.3681023
#1	10.98791	1967.819	1890.157	17.15346	-2.04569	41.11087	1033.299
#2	-2.45992	1977.498	1886.258	11.99083	.1996651	41.77929	1036.332
#3	20.90320	1976.261	1878.803	-3.46037	L-14.6060	41.77096	1040.882

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	3869.944	402.7127	248.8934	293.2858	8.753254
SDev	8.539	1.7342	.8216	.4221	.124628
%RSD	.2206381	.4306196	.3301137	.1439223	1.423795
#1	3860.238	401.5404	247.9606	293.1643	8.644469
#2	3873.297	404.7048	249.2100	292.9377	8.726058
#3	3876.298	401.8931	249.5096	293.7553	8.889235

Method: STL3 Sample Name: CCV5 Operator: NP
Run Time: 08/21/06 17:24:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.68908	5060.193	512.7758	547.5829	517.5242	520.3622	19496.18
SDev	.42506	12.882	6.6556	.2773	1.2198	1.7945	76.77
%RSD	.8067232	.2545774	1.297960	.0506421	.2356987	.3448607	.3937926
#1	52.36316	5050.106	505.6889	547.3035	516.5105	518.5679	19415.98
#2	53.16985	5055.770	513.7447	547.5872	517.1841	520.3620	19503.58
#3	52.53424	5074.705	518.8939	547.8580	518.8779	522.1569	19568.99

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	507.8827	538.5228	515.7130	511.4608	4831.743	36840.89	18412.84
SDev	1.1884	2.5335	1.0969	1.2493	21.647	91.39	21.59
%RSD	.2339985	.4704552	.2126892	.2442704	.4480250	.2480787	.1172497
#1	506.7784	535.9886	514.9581	510.1795	4835.927	36761.62	18406.99
#2	507.7292	538.5242	515.2097	511.5274	4808.309	36820.19	18394.77
#3	509.1404	541.0556	516.9712	512.6755	4850.993	36940.86	18436.75

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	494.0958	490.1274	38581.74	538.1030	509.8599	514.8879	477.6943
SDev	.8336	.8274	28.92	1.6834	5.3682	.9302	12.0822
%RSD	.1687196	.1688140	.0749539	.3128328	1.052882	.1806662	2.529269
#1	494.9743	489.1720	38571.00	536.2246	513.5722	515.7393	463.7450
#2	493.3157	490.6051	38559.73	538.6093	512.3029	513.8950	484.4631
#3	493.9974	490.6051	38614.49	539.4750	503.7047	515.0294	484.8747

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	474.4317	525.8357	509.4214	547.7529	509.8213	516.0040	510.5569
SDev	12.6628	.9503	1.0522	5.4653	5.3757	1.6792	1.0407
%RSD	2.669037	.1807142	.2065517	.9977624	1.054427	.3254253	.2038447
#1	487.9327	526.1359	510.5479	541.6360	513.5435	514.3218	510.0543
#2	462.8194	524.7716	508.4640	552.1557	512.2623	516.0101	509.8629
#3	472.5430	526.5996	509.2521	549.4669	503.6582	517.6802	511.7536

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	981.5817	509.2825	507.7973	481.2849	492.8863
SDev	1.1568	4.9197	1.3652	.3394	5.3439
%RSD	.1178534	.9660150	.2688562	.0705184	1.084198
#1	982.2441	507.1791	506.4894	481.1939	487.1829
#2	980.2459	505.7641	507.6892	481.0003	493.6983
#3	982.2550	514.9043	509.2134	481.6606	497.7777

Method: STL3 Sample Name: CCB5 Operator: NP
Run Time: 08/21/06 17:30:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.268637	-75.7935	-4.02800	-2.50699	-.027129	.0005720	1.362715
SDev	.185513	7.1827	.47981	.49255	.011778	.0294171	.584019
%RSD	69.05708	9.476636	11.91191	19.64710	43.41588	5142.916	42.85700
#1	-.480231	-67.7927	-3.98053	-1.94411	-.020318	-.016231	1.946735
#2	-.133923	-77.9015	-4.52979	-2.85897	-.020339	.0345393	1.362712
#3	-.191757	-81.6864	-3.57369	-2.71790	-.040729	-.016592	.7786976

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0529709	-.035985	.0836189	2.296216	-1.94392	28.94772	-.255115
SDev	.1450053	.229886	.0483546	.292514	3.92626	6.05882	1.525803
%RSD	273.7451	638.8324	57.82735	12.73897	201.9762	20.93022	598.0854
#1	.2113802	.1942038	.1114022	1.963409	-5.87231	22.88890	-.254864
#2	.0207386	-.265566	.1116705	2.412678	1.980198	28.94772	-1.78104
#3	-.073206	-.036594	.0277840	2.512562	-1.93965	35.00654	1.270564

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.097541	1.273885	84.75372	.3588101	-8.60839	-.028978	.8762051
SDev	.056382	.275804	3.24811	.6021381	3.17308	.544662	5.927972
%RSD	57.80357	21.65063	3.832411	167.8152	36.86038	1879.580	676.5508
#1	-.065051	1.433121	87.94338	-.182109	-10.9050	.2069697	7.670328
#2	-.064926	1.433121	84.86764	.2509507	-4.98771	.3579274	-1.79921
#3	-.162645	.9554142	81.45015	1.007589	-9.93241	-.651831	-3.24251

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.131950	-1.20181	.5557252	4.404856	-8.62201	-.764741	.0608478
SDev	6.195989	2.10123	.7829860	9.116802	3.17064	.194573	.0042625
%RSD	120.7336	174.8392	140.8945	206.9716	36.77373	25.44293	7.005198
#1	12.19865	1.073451	-.226521	-6.12153	-10.9104	-.874309	.0654813
#2	2.566376	-1.60966	1.339449	9.556064	-5.00287	-.540090	.0599688
#3	.6308243	-3.06921	.5542480	9.780029	-9.95275	-.879823	.0570933

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	.9979593	5.041501	.0333604	.2330612	-.007770
SDev	1.532410	1.421162	.0160286	.2241835	.488186
%RSD	153.5543	28.18927	48.04680	96.19081	6282.699
#1	2.333034	6.330823	.0461896	.4919260	.5555772
#2	1.336136	3.517671	.0384991	.1036078	-.306927
#3	-.675293	5.276010	.0153927	.1036499	-.271961

Method: STL3 Sample Name: 213432-10 S Operator: NP
Run Time: 08/21/06 17:36:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.204811	23916.73	25.83957	94.10524	77.79645	1.947471	H395900.8
SDev	.264061	48.35	2.09952	.17345	.07196	.029985	1876.8
%RSD	128.9291	.2021531	8.125210	.1843126	.0924930	1.539690	.4740706
#1	-.492895	23860.93	25.19514	93.99011	77.72800	1.964895	H393742.0
#2	-.147281	23943.05	28.18578	94.02088	77.87147	1.964669	H396814.6
#3	.0257420	23946.21	24.13781	94.30473	77.78989	1.912847	H397145.7

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.984816	37.83820	31.31847	64.67233	57753.14	11091.87	H174224.4
SDev	.084283	.36829	.08370	.10350	103.46	9.93	76.6
%RSD	2.115115	.9733259	.2672696	.1600389	.1791493	.0895497	.0439886
#1	4.047226	37.57321	31.32257	64.78830	57872.18	11081.27	H174169.2
#2	3.888939	37.68266	31.23280	64.58934	57702.48	11100.96	H174311.9
#3	4.018282	38.25875	31.40006	64.63934	57684.78	11093.38	H174192.1

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	933.3542	-2.70701	875.1050	59.12873	L-10.2097	174.6123	-8.07871
SDev	1.8829	1.10322	.4706	.68588	1.3360	.7652	2.16343
%RSD	.2017390	40.75413	.0537748	1.159973	13.08572	.4382308	26.77946
#1	935.4688	-1.43312	874.6493	58.73362	L-11.6510	173.7985	-6.04653
#2	932.7351	-3.34395	875.5892	58.73185	-9.01270	175.3172	-7.83656
#3	931.8588	-3.34395	875.0765	59.92071	-9.96538	174.7212	L-10.3530

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.249046	179.7106	172.0661	4.057594	L-10.2246	33.58383	46.26005
SDev	7.134077	2.0111	.8585	10.69391	1.3480	.18765	.29340
%RSD	77.13310	1.119065	.4989421	263.5529	13.18404	.5587374	.6342497
#1	1.084618	177.5816	171.9089	15.21109	L-11.6786	33.48475	46.17992
#2	12.38172	179.9720	172.9924	-6.10820	-9.01627	33.46650	46.58520
#3	14.28080	181.5781	171.2971	3.069893	-9.97909	33.80025	46.01504

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	4245.039	3.327339	179.9755	51.60236	48.40126
SDev	13.670	3.888827	.3078	.33119	.18318
%RSD	.3220290	116.8750	.1710224	.6418145	.3784611
#1	4229.641	-.305755	179.6318	51.90482	48.19146
#2	4249.727	2.858400	180.2256	51.65379	48.52947
#3	4255.748	7.429371	180.0692	51.24845	48.48284

Method: STL3 Sample Name: 213432-11 S Operator: NP
Run Time: 08/21/06 17:42:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.269404	18713.79	12.73257	9.405141	86.45719	.7107444	99324.87
SDev	.284728	51.97	3.35729	.083160	.27538	.0010198	326.21
%RSD	105.6883	.2777346	26.36775	.8841994	.3185165	.1434837	.3284281
#1	-.461826	18653.79	12.65080	9.406199	86.18514	.7103154	98949.73
#2	-.404060	18744.74	16.13000	9.487767	86.45064	.7100093	99482.94
#3	.0576760	18742.85	9.416909	9.321457	86.73579	.7119087	99541.93

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.698586	14.10780	22.28932	55.26730	36829.79	1649.853	17165.39
SDev	.270407	.23006	.24135	.58850	71.37	3.653	32.31
%RSD	15.91955	1.630710	1.082801	1.064831	.1937746	.2213908	.1882473
#1	1.478802	13.87857	22.01064	54.61848	36825.24	1645.646	17140.98
#2	1.616405	14.33867	22.42882	55.76667	36760.81	1651.705	17153.16
#3	2.000549	14.10616	22.42851	55.41674	36903.33	1652.210	17202.03

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1082.563	-1.43312	570.7491	29.82379	-1.51589	20.73309	-7.52069
SDev	2.140	.00000	1.5823	1.12362	1.96604	1.64153	5.14862
%RSD	.1977210	.0000000	.2772361	3.767538	129.6953	7.917434	68.45935
#1	1083.280	-1.43312	571.9452	28.52634	-2.89295	22.56031	L-13.4630
#2	1080.156	-1.43312	571.3472	30.47306	.7356771	19.38293	-4.70807
#3	1084.253	-1.43312	568.9550	30.47196	-2.39040	20.25603	-4.39103

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.216036	16.43719	22.87702	2.909515	-1.52099	38.35772	97.76402
SDev	8.788661	3.75125	1.58308	12.15538	1.98017	.19436	.50044
%RSD	168.4931	22.82173	6.919947	417.7803	130.1897	.5066985	.5118819
#1	14.84608	20.37528	23.65039	11.12600	-2.90765	38.46921	97.19995
#2	3.173614	16.03034	21.05592	L-11.0537	.7468109	38.47066	98.15472
#3	-2.37158	12.90594	23.92476	8.656239	-2.40212	38.13330	97.93739

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	3060.811	-1.81091	170.3401	358.6011	10.61424
SDev	2.089	3.26590	.4312	.9956	.28645
%RSD	.0682619	180.3459	.2531447	.2776289	2.698730
#1	3059.137	-2.74999	169.8684	358.1974	10.94060
#2	3060.144	1.821650	170.4382	357.8708	10.49769
#3	3063.153	-4.50438	170.7139	359.7351	10.40445

Method: STL3 Sample Name: 213432-12 S Operator: NP
Run Time: 08/21/06 17:48:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.344202	32326.52	16.69898	28.06512	189.0256	1.571875	H147117.1
SDev	.133071	124.38	1.84634	.28201	.4596	.029415	773.9
%RSD	38.66078	.3847724	11.05659	1.004840	.2431627	1.871328	.5260399
#1	-.421497	32187.99	16.97020	28.38718	188.5080	1.555708	H146286.4
#2	-.420563	32362.94	14.73204	27.94576	189.1825	1.554089	H147247.1
#3	-.190545	32428.63	18.39471	27.86241	189.3862	1.605827	H147817.7

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.107104	25.56414	41.20329	66.95882	60935.10	3644.892	33029.07
SDev	.079943	.26923	.26835	.38789	145.65	11.930	32.89
%RSD	2.572921	1.053155	.6512944	.5792901	.2390172	.3273190	.0995829
#1	3.067192	25.40772	41.00902	66.52599	61097.72	3631.428	32997.82
#2	3.054975	25.87502	41.09137	67.07548	60816.67	3654.148	33025.99
#3	3.199144	25.40969	41.50950	67.27498	60890.90	3649.099	33063.39

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1750.570	-.636943	1109.716	51.87746	-4.42491	134.4124	-5.02753
SDev	4.735	1.459419	2.267	.61203	.91002	.7225	2.04172
%RSD	.2705015	229.1288	.2043275	1.179758	20.56594	.5375514	40.61085
#1	1756.002	-1.91083	1107.380	52.05723	-4.11364	135.2429	-4.44834
#2	1747.317	.9554142	1111.908	51.19569	-3.71135	133.9278	-7.29627
#3	1748.389	-.955414	1109.858	52.37948	-5.44972	134.0667	-3.33797

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.00487	135.4869	133.8752	7.804413	-4.43781	61.12049	207.6456
SDev	6.62706	2.5645	1.6613	4.543912	.90753	.20953	.5298
%RSD	34.87029	1.892780	1.240916	58.22234	20.44988	.3428122	.2551580
#1	12.83692	135.2584	135.2343	5.655750	-4.12409	60.87894	207.9362
#2	18.16646	133.0443	134.3680	13.02417	-3.72877	61.25323	207.0341
#3	26.01124	138.1579	132.0233	4.733316	-5.46058	61.22930	207.9666

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	3491.575	8.330311	196.8300	340.0645	23.27985
SDev	7.036	3.856475	.6562	.7932	.20466
%RSD	.2015105	46.29449	.3333601	.2332384	.8791404
#1	3484.539	5.284324	196.0892	340.9393	23.26042
#2	3491.575	12.66647	197.0624	339.3923	23.08559
#3	3498.611	7.040143	197.3382	339.8619	23.49353

Method: STL3 Sample Name: 213432-14 S Operator: NP
Run Time: 08/21/06 17:54:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5896558	27100.50	34.98104	22.45042	484.7382	1.444591	H168463.2
SDev	.2602806	97.30	.91664	.56957	1.3923	.029953	714.8
%RSD	44.14111	.3590266	2.620394	2.537032	.2872275	2.073479	.4242873
#1	.8591176	26988.49	36.03165	22.51611	483.2887	1.479178	H167655.7
#2	.5702017	27148.93	34.56706	21.85084	484.8609	1.427436	H168719.2
#3	.3396480	27164.07	34.34441	22.98429	486.0652	1.427159	H169014.8

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.377306	31.46943	41.69723	272.9614	69606.66	2444.738	54896.04
SDev	.224838	.30609	.50957	.7540	133.85	5.561	24.55
%RSD	5.136457	.9726692	1.222073	.2762350	.1922905	.2274884	.0447251
#1	4.139583	31.81672	41.44685	272.2621	69758.83	2438.343	54867.86
#2	4.586545	31.35267	41.36128	273.7602	69553.99	2447.431	54912.81
#3	4.405788	31.23890	42.28355	272.8619	69507.16	2448.441	54907.45

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2229.365	-.796179	926.7660	66.40602	-4.95172	571.1309	-9.42050
SDev	6.160	.551608	3.5515	.84265	6.95694	4.4674	5.16759
%RSD	.2763314	69.28201	.3832174	1.268931	140.4954	.7822106	54.85475
#1	2236.359	-.477707	922.6650	65.43499	-7.13662	575.8622	-8.45143
#2	2226.990	-1.43312	928.8165	66.83786	L-10.5539	566.9851	-4.80604
#3	2224.746	-.477707	928.8165	66.94521	2.835406	570.5453	L-15.0040

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14.15277	585.9149	563.7491	8.818397	-4.96617	59.61811	431.6392
SDev	4.65862	4.3450	4.5328	4.853979	6.96045	.34022	.5644
%RSD	32.91666	.7415673	.8040404	55.04377	140.1572	.5706684	.1307564
#1	9.901169	590.4076	568.5995	11.51939	-7.15597	59.61865	432.2541
#2	13.42451	581.7346	559.6206	3.214716	L-10.5684	59.27762	431.5188
#3	19.13263	585.6024	563.0271	11.72109	2.825844	59.95806	431.1448

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	4914.680	49.18769	192.8314	258.0422	17.93776
SDev	9.910	1.62470	.6193	.3660	.06729
%RSD	.2016428	3.303070	.3211687	.1418278	.3751451
#1	4903.294	50.12647	192.1183	258.4641	17.89891
#2	4921.367	50.12497	193.1424	257.8108	18.01546
#3	4919.378	47.31165	193.2337	257.8516	17.89891

Method: STL3 Sample Name: 213432-15 S Operator: NP
Run Time: 08/21/06 18:00:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.122276	19415.32	11.48814	22.18844	131.4827	1.058008	H245002.9
SDev	.176512	36.55	3.12058	.53242	.1431	.000442	433.7
%RSD	144.3560	.1882696	27.16349	2.399545	.1088623	.0417734	.1770206
#1	-.083331	19373.22	14.99355	22.78137	131.3191	1.058498	H244502.4
#2	.0315124	19433.85	9.012885	22.03271	131.5441	1.057886	H245268.0
#3	-.315008	19438.91	10.45798	21.75126	131.5849	1.057640	H245238.3

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.540935	17.69596	24.46973	44.58261	39319.09	2786.052	36172.53
SDev	.146122	.11431	.19350	.29267	78.33	3.362	19.53
%RSD	5.750713	.6459927	.7907924	.6564565	.1992098	.1206646	.0539924
#1	2.429941	17.58294	24.35844	44.36590	39409.53	2783.191	36174.35
#2	2.486380	17.81153	24.35759	44.91553	39272.88	2789.755	36152.15
#3	2.706486	17.69340	24.69317	44.46640	39274.87	2785.211	36191.09

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2020.114	-2.22930	649.5507	36.85780	-7.24807	52.19069	-7.14381
SDev	4.548	.99443	2.9772	.77904	7.14676	.98027	3.46690
%RSD	.2251420	44.60712	.4583546	2.113644	98.60223	1.878246	48.53019
#1	2025.189	-1.43312	646.3611	37.07268	-5.25822	51.82598	-3.62416
#2	2016.406	-1.91083	650.0349	35.99387	L-15.1789	53.30104	-7.25183
#3	2018.748	-3.34395	652.2562	37.50684	-1.30710	51.44505	L-10.5554

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.09636	51.18550	52.69173	7.002478	-7.26300	37.73893	125.1390
SDev	3.85686	4.62100	.99383	3.537473	7.15581	.37936	.4689
%RSD	23.96104	9.027954	1.886122	50.51745	98.52415	1.005212	.3747024
#1	16.24657	50.99169	52.24170	3.127964	-5.26729	37.30099	125.6316
#2	19.87592	55.90036	52.00252	10.05992	L-15.2048	37.96617	125.0872
#3	12.16660	46.66445	53.83097	7.819547	-1.31691	37.94962	124.6981

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	5577.810	4.476078	245.5422	236.0131	18.25634
SDev	7.260	2.843064	.2823	.2989	.26942
%RSD	.1301544	63.51687	.1149870	.1266289	1.475782
#1	5573.119	6.118160	245.2181	236.3204	18.00381
#2	5586.172	6.116883	245.7347	235.9954	18.53996
#3	5574.139	1.193190	245.6739	235.7235	18.22526

Method: STL3 Sample Name: 213432-16 S Operator: NP
Run Time: 08/21/06 18:06:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.74701	20942.07	34.10329	29.96746	415.6726	1.098563	H270628.2
SDev	.08819	27.86	1.97413	.15946	.0921	.000740	818.2
%RSD	.8206140	.1330199	5.788672	.5321063	.0221621	.0673843	.3023320
#1	10.66987	20918.49	35.66987	29.80433	415.6652	1.099407	H269699.4
#2	10.72801	20934.91	34.75406	29.97506	415.5843	1.098024	H270942.8
#3	10.84315	20972.81	31.88593	30.12298	415.7681	1.098257	H271242.4

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.279343	22.57692	44.53316	2364.856	57838.14	3045.404	H105760.6
SDev	.278690	.57870	.00158	2.444	111.48	1.166	50.6
%RSD	5.278871	2.563234	.0035572	.1033256	.1927430	.0382864	.0478638
#1	5.151215	21.99828	44.53498	2367.634	57965.08	3044.731	H105817.1
#2	5.087761	23.15568	44.53238	2363.042	57793.18	3046.751	H105719.4
#3	5.599054	22.57679	44.53212	2363.890	57756.17	3044.731	H105745.3

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1838.381	.4777069	1250.260	50.59126	-9.94843	924.2604	-6.40179
SDev	3.641	.9554141	1.576	.38977	4.33921	2.4705	2.21400
%RSD	.1980527	200.0001	.1260596	.7704269	43.61700	.2672958	34.58402
#1	1842.380	-.477707	1250.659	50.48075	-8.80209	921.7370	-8.95019
#2	1837.504	1.433121	1248.523	51.02435	-6.29748	924.3699	-4.95144
#3	1835.258	.4777070	1251.598	50.26868	L-14.7457	926.6744	-5.30374

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.12404	948.1354	912.3400	6.874688	-9.96593	73.15363	763.2515
SDev	3.01549	6.4685	.5096	10.15593	4.35235	.32122	.5886
%RSD	18.70183	.6822376	.0558529	147.7293	43.67224	.4390973	.0771160
#1	16.97923	941.7250	911.7572	-1.17206	-8.81039	73.47407	763.9229
#2	18.61957	948.0207	912.5615	3.510220	-6.30797	72.83164	763.0074
#3	12.77332	954.6605	912.7014	18.28591	L-14.7794	73.15518	762.8243

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	5317.876	98.63554	306.5352	516.3403	16.15836
SDev	6.140	.73315	.2583	.9418	.28005
%RSD	.1154686	.7432968	.0842572	.1823928	1.733183
#1	5312.508	98.87200	306.2805	517.4018	16.43032
#2	5316.547	97.81334	306.5283	515.6049	16.17390
#3	5324.571	99.22129	306.7969	516.0144	15.87086

Method: STL3 Sample Name: 213432-16 S-MD Operator: NP
Run Time: 08/21/06 18:12:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.846721	20571.83	22.42845	19.72950	349.1817	1.142078	H131310.5
SDev	.232594	90.48	5.00572	.33673	1.1224	.028854	599.4
%RSD	2.964225	.4398164	22.31862	1.706738	.3214291	2.526423	.4565086
#1	7.807922	20476.46	25.95475	19.42262	348.1540	1.108761	H130628.2
#2	8.096274	20582.57	16.69905	20.08972	349.0118	1.158718	H131551.0
#3	7.635965	20656.46	24.63156	19.67616	350.3793	1.158755	H131752.5

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.246488	23.46086	36.19579	963.5277	52283.08	2363.281	50942.89
SDev	.212384	.58025	.16794	2.9248	126.92	18.326	52.25
%RSD	5.001399	2.473277	.4639846	.3035552	.2427604	.7754284	.1025709
#1	4.167678	22.84403	36.19691	960.9816	52427.54	2342.411	50920.29
#2	4.487011	23.99584	36.36318	962.8791	52232.26	2370.686	50905.73
#3	4.084774	23.54271	36.02730	966.7224	52189.44	2376.745	51002.63

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1325.230	-.318471	754.6670	53.47618	-4.37996	663.8269	-8.40588
SDev	5.220	1.930630	3.3921	.64788	8.75925	2.7847	5.10027
%RSD	.3938779	606.2177	.4494856	1.211528	199.9845	.4194988	60.67506
#1	1331.151	-1.43312	750.7654	54.15619	L-13.4833	666.1124	-7.93379
#2	1323.247	-1.43312	756.3188	52.86611	-3.64562	660.7253	-3.55807
#3	1321.293	1.910828	756.9169	53.40623	3.988994	664.6431	L-13.7258

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.35363	680.0486	655.7274	9.926994	-4.39495	61.19491	687.5548
SDev	7.99612	1.9006	3.8424	4.009574	8.76751	.31385	.9426
%RSD	41.31589	.2794861	.5859720	40.39062	199.4905	.5128726	.1370929
#1	27.94634	679.3724	659.4915	7.401873	L-13.5048	61.17840	688.4193
#2	17.98338	678.5784	651.8112	14.55029	-3.66450	61.51669	687.6951
#3	12.13118	682.1948	655.8796	7.828824	3.984483	60.88964	686.5499

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	5352.508	52.33786	187.0910	355.8276	12.88317
SDev	10.488	1.07273	.6268	.8146	.11962
%RSD	.1959405	2.049627	.3350265	.2289392	.9285172
#1	5340.454	51.40222	186.4692	356.7552	12.78216
#2	5357.530	52.10269	187.0812	355.4991	12.85209
#3	5359.542	53.50866	187.7227	355.2285	13.01527

Method: STL3 Sample Name: 213432-16 S-MS Operator: NP
Run Time: 08/21/06 18:18:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.03673	27545.52	41.58652	31.43248	934.4164	13.24392	H189192.9
SDev	.16652	92.81	3.27664	.13776	2.0514	.05876	962.2
%RSD	.9774466	.3369167	7.879084	.4382864	.2195404	.4436969	.5085771
#1	16.94034	27438.37	38.27637	31.46302	932.0486	13.17607	H188111.1
#2	16.94082	27600.05	44.82858	31.55241	935.5388	13.27851	H189514.5
#3	17.22901	27598.15	41.65461	31.28201	935.6616	13.27718	H189953.1

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.99795	141.0667	90.35977	778.5563	63558.23	4894.863	49809.52
SDev	.16330	.6947	.77760	.9073	86.98	18.595	37.06
%RSD	.7100463	.4924472	.8605574	.1165342	.1368512	.3798857	.0743980
#1	23.00193	140.3367	89.49521	777.5413	63651.96	4873.488	49776.23
#2	22.83269	141.1438	91.00195	779.2883	63542.64	4903.783	49849.44
#3	23.15921	141.7197	90.58215	778.8394	63480.11	4907.317	49802.89

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2094.858	1.273885	3884.346	171.4582	16.50174	980.4557	1.081417
SDev	3.548	.729710	7.995	.7566	6.45845	2.9945	2.627228
%RSD	.1693566	57.28220	.2058297	.4412971	39.13797	.3054204	242.9431
#1	2098.827	.4777070	3876.913	170.7398	9.139801	982.4528	-1.82827
#2	2093.751	1.910828	3892.805	172.2480	19.15172	977.0126	1.792875
#3	2091.995	1.433121	3883.321	171.3867	21.21369	981.9017	3.279646

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	35.36074	1015.085	963.1665	28.45895	16.48917	189.8075	776.6071
SDev	12.12189	3.554	3.0823	3.78906	6.46517	.7010	.7565
%RSD	34.28065	.3501353	.3200128	13.31412	39.20857	.3693413	.0974172
#1	21.36372	1015.465	965.9706	29.44657	9.118874	189.2390	777.2938
#2	42.41142	1011.355	959.8663	24.27388	19.14599	189.5927	776.7315
#3	42.30708	1018.433	963.6627	31.65640	21.20264	190.5908	775.7961

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	5669.338	115.1116	340.4656	490.2441	12.71223
SDev	15.115	1.9360	.9536	.5282	.08075
%RSD	.2666046	1.681809	.2800731	.1077359	.6352235
#1	5653.595	114.9949	339.3675	490.5348	12.75885
#2	5683.734	113.2366	340.9441	490.5630	12.75885
#3	5670.686	117.1032	341.0851	489.6344	12.61898

Method: STL3 Sample Name: 213432-16 S-PDS Operator: NP
Run Time: 08/21/06 18:24:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	56.01269	22752.42	73.04391	29.82235	2434.330	53.86392	H273498.3
SDev	.41587	23.23	2.13286	.42854	2.239	.07826	618.1
%RSD	.7424609	.1020877	2.919975	1.436978	.0919709	.1452922	.2259851
#1	55.55140	22726.95	74.76484	29.39907	2432.499	53.77823	H272786.0
#2	56.12777	22757.90	70.65770	30.25597	2433.663	53.93162	H273816.2
#3	56.35891	22772.42	73.70921	29.81200	2436.826	53.88191	H273892.7

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	55.17722	545.3924	243.7344	2571.485	56921.73	14423.55	H113322.1
SDev	.59585	1.7290	.7507	1.633	63.71	6.39	113.2
%RSD	1.079883	.3170245	.3079838	.0635189	.1119270	.0443193	.0999031
#1	54.62718	543.4004	242.8689	2569.604	56940.75	14421.20	H113250.4
#2	55.81019	546.5050	244.1254	2572.550	56850.68	14430.79	H113263.4
#3	55.09428	546.2718	244.2088	2572.300	56973.78	14418.67	H113452.7

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2248.001	1.433121	14704.63	561.7413	50.56818	925.4732	94.69699
SDev	4.250	.827413	8.06	.2850	3.94135	3.0186	2.18833
%RSD	.1890401	57.73502	.0548452	.0507428	7.794135	.3261651	2.310875
#1	2249.303	2.388535	14696.17	561.9528	47.28296	927.9609	94.47182
#2	2243.252	.9554142	14712.23	561.8540	49.48321	922.1150	96.98920
#3	2251.447	.9554142	14705.48	561.4172	54.93838	926.3436	92.62995

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	56.54670	955.5474	910.4578	71.58813	50.54647	582.4175	1235.227
SDev	7.40099	.6912	4.1808	6.31412	3.95097	.5015	2.916
%RSD	13.08827	.0723368	.4592025	8.820065	7.816503	.0861038	.2360449
#1	61.71531	956.1404	913.8915	78.53981	47.25100	581.8712	1233.261
#2	48.06844	954.7883	905.8021	70.01589	49.46199	582.5245	1233.844
#3	59.85635	955.7134	911.6799	66.20869	54.92643	582.8569	1238.577

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	5193.407	98.60323	299.4811	501.2634	15.71934
SDev	3.528	2.14867	.2640	1.0153	.05341
%RSD	.0679378	2.179108	.0881638	.2025499	.3397897
#1	5190.050	100.9468	299.1967	500.7734	15.66106
#2	5193.086	96.72607	299.5281	500.5861	15.73099
#3	5197.084	98.13681	299.7185	502.4308	15.76596

Method: STL3 Sample Name: 213432-16 S-SD 5 Operator: NP
Run Time: 08/21/06 18:30:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.007161	3927.097	4.516340	3.265399	86.08763	.1626445	57717.25
SDev	.233085	11.523	4.352271	.424225	.13130	.0292733	230.32
%RSD	11.61266	.2934275	96.36722	12.99152	.1525157	17.99835	.3990572
#1	2.141510	3913.836	2.929932	3.346779	85.99213	.1288429	57476.64
#2	1.738018	3934.675	9.439283	3.643039	86.23736	.1796731	57739.45
#3	2.141955	3932.778	1.179805	2.806380	86.03341	.1794175	57935.68

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.024351	4.645827	9.513561	473.7650	12161.55	488.2409	20983.14
SDev	.029589	.464982	.128413	.6995	61.43	10.8799	14.50
%RSD	2.888513	10.00859	1.349788	.1476484	.5051139	2.228379	.0690887
#1	1.033060	4.567121	9.625672	473.1992	12229.86	477.8062	20979.34
#2	1.048608	5.145139	9.541548	474.5471	12143.95	487.3994	20999.16
#3	.9913855	4.225222	9.373463	473.5488	12110.84	499.5170	20970.92

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	390.1750	-1.59236	206.5872	10.57434	-2.56556	185.1908	-5.99320
SDev	2.0706	.72971	3.4603	.57035	5.25038	.4943	3.84715
%RSD	.5306869	45.82575	1.674981	5.393674	204.6487	.2668965	64.19188
#1	392.5493	-2.38854	202.7710	10.78805	-1.64347	185.7160	-1.62847
#2	389.2314	-1.43312	209.5205	9.927998	2.162699	185.1214	-7.45975
#3	388.7442	-.955414	207.4701	11.00695	-8.21590	184.7348	-8.89138

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.535648	188.8548	183.3607	2.098533	-2.57090	14.68512	155.7983
SDev	5.205433	3.4360	1.1222	2.490669	5.25511	.00995	.5396
%RSD	205.2900	1.819402	.6120184	118.6862	204.4076	.0677558	.3463379
#1	8.435955	192.8037	182.1767	-.584310	-1.64520	14.67420	156.4214
#2	.5786324	186.5474	184.4087	4.337282	2.159855	14.68750	155.4857
#3	-1.40764	187.2132	183.4967	2.542628	-8.22734	14.69367	155.4879

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	1068.998	15.70574	63.85856	108.0845	2.859474
SDev	4.596	1.82733	.15633	.3819	.179181
%RSD	.4299330	11.63479	.2448085	.3533631	6.266227
#1	1073.007	16.76157	63.67822	108.4970	2.944948
#2	1070.006	13.59572	63.95554	108.0134	2.653561
#3	1063.982	16.75994	63.94194	107.7431	2.979914

Method: STL3 Sample Name: CCV6 Operator: NP
Run Time: 08/21/06 18:36:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	46.20089	5026.173	515.4708	531.8041	514.3408	520.4055	19468.93
SDev	.14570	16.586	3.6099	.9188	1.4376	1.1639	59.08
%RSD	.3153603	.3299841	.7003135	.1727665	.2795129	.2236593	.3034596
#1	46.35504	5007.245	519.5451	530.9348	512.6943	519.0734	19400.79
#2	46.18217	5033.112	514.1962	532.7654	514.9803	521.2261	19505.92
#3	46.06545	5038.163	512.6711	531.7120	515.3477	520.9170	19500.08

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	500.6793	541.0436	515.8521	507.1856	4733.138	36586.09	18206.97
SDev	.6363	2.2742	.9930	1.1283	22.761	176.69	19.83
%RSD	.1270785	.4203417	.1924881	.2224560	.4808796	.4829345	.1088921
#1	501.3684	538.5036	514.7066	505.9379	4759.420	36398.60	18184.09
#2	500.5556	542.8909	516.3827	507.4848	4719.953	36610.15	18217.65
#3	500.1140	541.7364	516.4671	508.1341	4720.042	36749.50	18219.17

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	482.7771	476.2739	38645.59	539.2659	503.9895	516.0651	462.9076
SDev	1.9814	2.6598	130.13	2.3119	5.1188	3.6643	13.2350
%RSD	.4104105	.5584499	.3367377	.4287038	1.015664	.7100432	2.859092
#1	484.9247	473.4077	38500.18	536.6698	501.2743	520.0513	448.1072
#2	482.3863	478.6624	38685.49	540.0258	500.8004	515.3008	473.6056
#3	481.0202	476.7516	38751.11	541.1022	509.8939	512.8433	467.0099

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	461.3874	531.4053	508.4056	554.3309	503.9385	512.7266	501.0571
SDev	4.0373	1.6906	5.1603	7.4504	5.1187	1.0370	1.4346
%RSD	.8750355	.3181380	1.015000	1.344036	1.015739	.2022614	.2863241
#1	464.6403	532.8324	513.6695	546.1258	501.2287	511.8003	502.4585
#2	456.8689	529.5382	508.1919	556.1941	500.7443	512.5324	501.1215
#3	462.6529	531.8453	503.3555	560.6730	509.8424	513.8469	499.5914

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	927.7755	509.9607	505.4626	471.0791	496.6199
SDev	2.0962	5.1785	1.4289	1.0118	4.4081
%RSD	.2259377	1.015478	.2826852	.2147834	.8876141
#1	926.0809	506.8039	503.8229	472.1274	491.6586
#2	930.1196	515.9372	506.1244	471.0015	498.1157
#3	927.1262	507.1410	506.4406	470.1083	500.0855

Method: STL3 Sample Name: CCB6 Operator: NP
Run Time: 08/21/06 18:42:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.057095	-89.4796	-.000181	-3.11682	-.047540	-.016624	5.450864
SDev	.145468	3.4760	5.269327	.57224	.011777	.000244	.584023
%RSD	254.7817	3.884687	2909324.	18.35982	24.77229	1.469155	10.71432
#1	.0970527	-86.1139	5.844458	-2.71825	-.040732	-.016345	6.034887
#2	-.191960	-93.0563	-1.45759	-2.85969	-.040749	-.016726	5.450864
#3	-.076378	-89.2687	-4.38741	-3.77253	-.061138	-.016801	4.866841

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1889034	-.189245	.0557157	2.828704	1.973824	15.65199	2.288519
SDev	.0958897	.134786	.2111791	.207929	3.386902	5.39879	.440136
%RSD	50.76127	71.22305	379.0300	7.350685	171.5908	34.49267	19.23235
#1	.2102732	-.033609	-.140181	2.662168	.0054954	20.36446	2.034406
#2	.2723054	-.267643	.2794218	3.061751	5.884654	16.83008	2.796744
#3	.0841316	-.266483	.0279060	2.762193	.0313242	9.761437	2.034406

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.097443	1.273885	46.39241	.0326131	-3.34396	-1.86232	.7378061
SDev	.056374	.994426	2.24805	.1859622	3.32370	.96559	5.081274
%RSD	57.85287	78.06247	4.845727	570.2079	99.39410	51.84889	688.7004
#1	-.064871	2.388535	44.96845	.1418070	-.685569	-2.88404	5.821247
#2	-.162538	.4777070	48.98401	-.182107	-2.27593	-.964887	.7334700
#3	-.064921	.9554142	45.22476	.1381394	-7.07038	-1.73804	-4.34130

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15.42336	-4.43355	-.579431	5.375753	-3.35329	-.653374	-.002089
SDev	10.61928	1.97868	.741982	4.063662	3.32376	.181587	.111211
%RSD	68.85191	44.62965	128.0536	75.59242	99.11937	27.79212	5324.054
#1	10.27766	-5.84698	-1.40559	5.972029	-.692833	-.863026	.0631493
#2	8.357204	-2.17222	-.362925	9.108334	-2.28792	-.551448	.0610832
#3	27.63522	-5.28146	.0302167	1.046897	-7.07910	-.545650	-.130499

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	-.670582	2.227938	.0255297	.1813524	.0582773
SDev	1.005764	1.464367	.0193807	.1726052	.4961907
%RSD	149.9837	65.72747	75.91415	95.17671	851.4305
#1	-.670658	1.055377	.0460669	.3755591	.6255099
#2	.3352199	1.759136	.0229604	.1230481	-.155406
#3	-1.67631	3.869300	.0075619	.0454499	-.295272

Method: STL3 Sample Name: 213432-17 S Operator: NP
Run Time: 08/21/06 18:48:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.107035	28903.34	23.22928	44.01316	823.9697	.9886594	H433401.3
SDev	.099611	103.46	2.07380	.43794	1.6767	.0301497	1939.4
%RSD	93.06439	.3579613	8.927543	.9950233	.2034846	3.049558	.4474936
#1	-.164505	28784.81	25.51411	44.43658	822.0373	1.007577	H431204.6
#2	.0079864	28949.66	22.70763	44.04088	824.8338	.9538905	H434122.4
#3	-.164586	28975.55	21.46611	43.56201	825.0381	1.004510	H434876.9

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.403766	18.92669	41.51844	129.8210	44289.36	4585.694	H161539.0
SDev	.257374	.80722	.29928	.6604	112.95	16.531	44.6
%RSD	4.762867	4.264987	.7208421	.5087247	.2550254	.3604977	.0275852
#1	5.108017	18.11741	41.18691	129.0721	44413.68	4567.517	H161530.1
#2	5.576962	19.73184	41.76869	130.0706	44261.34	4599.831	H161587.3
#3	5.526317	18.93080	41.59970	130.3202	44193.06	4589.733	H161499.5

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1908.084	.1592355	2799.578	39.38162	-9.76414	297.2399	-2.27701
SDev	7.434	1.103217	7.509	.81410	2.78701	.9892	1.62348
%RSD	.3896289	692.8210	.2682126	2.067212	28.54332	.3328039	71.29890
#1	1916.250	-.477707	2791.092	38.54981	-8.13397	296.1913	-.720063
#2	1906.294	-.477707	2802.284	40.17678	-8.17624	297.3719	-2.15125
#3	1901.708	1.433121	2805.360	39.41828	L-12.9822	298.1566	-3.95971

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.986331	303.0712	294.3279	11.12687	-9.78572	62.14246	985.7914
SDev	9.814219	2.9012	1.3188	.53374	2.78927	.20781	3.0702
%RSD	163.9438	.9572628	.4480635	4.796813	28.50343	.3344100	.3114497
#1	15.18869	300.1725	294.2030	11.45445	-8.15424	62.02020	989.3292
#2	-4.34253	305.9749	293.0760	11.41518	-8.19652	62.02478	983.8235
#3	7.112831	303.0662	295.7047	10.51098	L-13.0064	62.38241	984.2215

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	5490.804	1.100326	698.5635	740.7529	34.34089
SDev	8.948	2.056764	1.9077	1.6569	.31649
%RSD	.1629592	186.9231	.2730819	.2236804	.9216160
#1	5480.737	-1.23973	696.3787	742.6408	34.00676
#2	5493.827	1.919083	699.4128	740.0781	34.63615
#3	5497.850	2.621622	699.8989	739.5399	34.37974

Method: STL3 Sample Name: 213432-18 S Operator: NP
Run Time: 08/21/06 18:54:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.690025	23612.06	27.39873	95.67027	74.51080	2.264161	H643017.2
SDev	.251413	54.23	4.00118	.28193	.08548	.000366	2170.2
%RSD	36.43528	.2296513	14.60353	.2946867	.1147282	.0161587	.3374950
#1	-.517197	23553.96	22.93646	95.36900	74.44186	2.264512	H640622.9
#2	-.978444	23620.91	30.66696	95.92772	74.48408	2.264190	H643574.0
#3	-.574433	23661.32	28.59276	95.71409	74.60645	2.263782	H644854.8

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.649517	24.39941	30.90146	47.28057	62876.03	9496.882	H314264.9
SDev	.111676	.57637	.50878	.43673	209.85	9.619	245.0
%RSD	1.976741	2.362241	1.646448	.9236944	.3337492	.1012891	.0779533
#1	5.532172	23.82353	30.45865	46.79728	63118.24	9491.328	H314517.3
#2	5.661881	24.39842	30.78851	47.39748	62749.02	9491.328	H314028.1
#3	5.754496	24.97627	31.45722	47.64694	62760.82	9507.989	H314249.3

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1692.009	-3.34395	1178.692	48.68643	L-10.2836	96.18502	L-10.9863
SDev	7.592	.95541	.421	.67717	3.0232	2.43718	3.8709
%RSD	.4487153	28.57143	.0357574	1.390881	29.39792	2.533844	35.23386
#1	1700.754	-4.29936	1178.208	47.92759	-7.12286	95.06927	L-13.3957
#2	1688.176	-3.34395	1178.977	49.22919	L-13.1473	94.50545	-6.52125
#3	1687.098	-2.38854	1178.891	48.90251	L-10.5807	98.98034	L-13.0420

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.338989	103.2560	92.65404	5.976839	L-10.3006	36.27757	44.95174
SDev	8.585170	3.0928	2.17547	6.701333	3.0201	.51914	.09153
%RSD	160.8014	2.995295	2.347944	112.1217	29.31994	1.431014	.2036230
#1	-1.97065	102.6027	91.30740	10.93778	-7.14160	36.15229	44.96800
#2	3.194496	100.5420	91.49091	-1.64655	L-13.1594	35.83254	44.85317
#3	14.79312	106.6232	95.16382	8.639289	L-10.6007	36.84788	45.03406

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	7112.172	3.101441	331.5116	44.23361	27.75555
SDev	6.694	4.046266	.3986	.27308	.20991
%RSD	.0941137	130.4641	.1202501	.6173647	.7562659
#1	7110.472	7.088096	331.2494	44.54660	27.54963
#2	7106.493	-1.00191	331.3150	44.04391	27.74778
#3	7119.552	3.218137	331.9703	44.11032	27.96923

Method: STL3 Sample Name: 213432-19 S Operator: NP
Run Time: 08/21/06 19:00:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.262651	33908.11	13.59193	16.87546	219.9025	1.927552	53958.88
SDev	.185937	108.21	.82044	.39378	.6568	.029225	194.63
%RSD	70.79246	.3191254	6.036261	2.333460	.2986777	1.516167	.3606952
#1	-.339915	33792.95	13.47030	16.49500	219.3719	1.893812	53735.98
#2	-.397500	33923.68	14.46640	17.28133	219.6986	1.943827	54095.15
#3	-.050539	34007.68	12.83909	16.85005	220.6371	1.945015	54045.51

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.885997	24.78327	39.97827	65.20132	49159.06	2065.725	12386.97
SDev	.406206	.06621	.22197	.43013	37.36	10.506	5.73
%RSD	14.07508	.2671513	.5552167	.6596934	.0759955	.5086037	.0462508
#1	2.417976	24.74317	40.14617	64.81875	49189.64	2053.607	12381.38
#2	3.093149	24.85969	39.72662	65.11832	49117.42	2071.279	12386.71
#3	3.146865	24.74694	40.06203	65.66691	49170.12	2072.289	12392.82

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	857.2091	-2.38854	414.5129	49.48814	-7.88130	65.22133	-8.55778
SDev	.7033	1.26389	1.3625	.75415	5.74638	1.16483	.56596
%RSD	.0820448	52.91502	.3287047	1.523905	72.91164	1.785965	6.613393
#1	857.4042	-3.34395	412.9466	48.73396	L-10.5294	66.46858	-8.42548
#2	856.4288	-2.86624	415.1680	50.24227	L-11.8262	64.16170	-8.06968
#3	857.7941	-.955414	415.4242	49.48820	-1.28833	65.03371	-9.17817

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.81831	63.96062	65.84994	13.32980	-7.90320	61.52416	155.7172
SDev	9.45501	1.91967	.80006	3.09202	5.75510	.78214	.6085
%RSD	47.70845	3.001331	1.214970	23.19628	72.81983	1.271280	.3907664
#1	13.42774	65.91563	66.74384	15.64944	L-10.5562	60.62109	155.4628
#2	30.67960	62.07835	65.20101	14.52050	L-11.8533	61.96516	155.2772
#3	15.34759	63.88789	65.60497	9.819441	-1.30011	61.98621	156.4116

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	6162.507	3.594158	93.71912	263.5503	22.14927
SDev	15.626	2.469523	.30776	.6412	.06628
%RSD	.2535689	68.70935	.3283907	.2432910	.2992286
#1	6147.783	6.173169	93.40464	263.5879	22.22309
#2	6160.836	3.358251	93.73302	262.8911	22.12984
#3	6178.901	1.251054	94.01970	264.1718	22.09487

Method: STL3 Sample Name: 213432-20 S Operator: NP
Run Time: 08/21/06 19:06:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.170364	70679.42	11.68200	39.06569	654.6577	3.053070	H261128.1
SDev	.033542	245.92	3.67158	.11318	1.2379	.029204	1248.4
%RSD	19.68851	.3479348	31.42933	.2897281	.1890865	.9565564	.4780757
#1	-.150981	70424.67	9.633891	39.15910	653.3041	3.070756	H259782.7
#2	-.151016	70698.15	9.491345	39.09815	654.9368	3.069092	H261352.6
#3	-.209095	70915.44	15.92077	38.93983	655.7322	3.019362	H262249.1

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.073725	58.51196	103.7096	96.27446	97908.11	10419.51	67145.16
SDev	.661924	.67398	.3943	.41506	46.03	31.07	92.74
%RSD	10.89816	1.151861	.3801680	.4311248	.0470127	.2981765	.1381177
#1	5.452648	58.01054	103.4045	95.80917	97912.67	10389.04	67070.41
#2	5.998463	58.24722	103.5696	96.40758	97859.97	10418.33	67116.15
#3	6.770063	59.27811	104.1548	96.60663	97951.69	10451.15	67248.95

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2429.090	-2.07006	2101.841	128.1909	-8.36415	77.50349	L-11.3143
SDev	3.090	.99443	6.220	1.0282	3.78548	1.53493	4.2496
%RSD	.1272220	48.03844	.2959320	.8020863	45.25840	1.980469	37.55977
#1	2432.477	-2.86624	2095.975	127.1123	-7.20206	76.29350	-6.47987
#2	2426.423	-.955414	2101.186	128.3005	-5.29594	79.23008	L-14.4599
#3	2428.371	-2.38854	2108.363	129.1600	L-12.5944	76.98691	L-13.0032

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24.58965	73.38012	79.56130	13.35409	-8.38645	114.1836	313.6293
SDev	9.79751	3.14926	1.70522	4.24130	3.79242	.3434	.5675
%RSD	39.84406	4.291712	2.143276	31.76027	45.22086	.3007701	.1809505
#1	23.28856	73.68152	77.59673	9.190954	-7.21901	114.1732	313.5120
#2	15.50769	76.36784	80.65825	13.20188	-5.31499	114.5321	313.1296
#3	34.97270	70.09099	80.42889	17.66945	L-12.6253	113.8455	314.2463

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	6717.065	1.424156	527.2695	1164.265	45.83317
SDev	30.951	2.304686	1.1504	.856	.79483
%RSD	.4607844	161.8283	.2181825	.0735504	1.734170
#1	6682.259	-1.03514	526.1023	1164.891	44.91627
#2	6727.444	1.773196	527.3039	1163.290	46.25666
#3	6741.494	3.534413	528.4023	1164.615	46.32658

Method: STL3 Sample Name: 213443-1 S Operator: NP
Run Time: 08/21/06 19:12:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.872311	24280.55	45.54933	47.25996	323.4395	1.080271	H330510.4
SDev	.266816	81.33	2.24132	.49299	.5936	.030295	1614.8
%RSD	9.289237	.3349733	4.920649	1.043148	.1835329	2.804417	.4885873
#1	2.564218	24186.64	47.20991	47.56210	322.7577	1.098422	H328764.4
#2	3.026442	24328.76	42.99992	47.52673	323.8415	1.097094	H330816.7
#3	3.026271	24326.23	46.43817	46.69107	323.7192	1.045298	H331950.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.00483	38.51121	48.99186	641.4109	H154969.0	4739.857	H119909.4
SDev	.91325	.30354	.44111	1.0244	347.8	19.609	78.5
%RSD	5.072244	.7881864	.9003769	.1597109	.2244153	.4137047	.0654550
#1	16.95467	38.39844	48.49159	640.3779	H155369.7	4717.979	H119819.7
#2	18.44686	38.28020	49.15910	642.4265	H154792.1	4755.846	H119965.4
#3	18.61295	38.85500	49.32490	641.4283	H154745.2	4745.748	H119943.2

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2419.885	-1.11465	951.5713	68.98824	-8.44964	8787.841	205.9057
SDev	7.605	.27580	4.3851	.82439	2.94122	2.451	4.1976
%RSD	.3142879	24.74358	.4608310	1.194977	34.80885	.0278946	2.038624
#1	2428.666	-.955414	946.6729	68.08908	-5.93814	8790.516	205.5014
#2	2415.591	-.955414	955.1312	69.16714	L-11.6853	8785.701	210.2909
#3	2415.397	-1.43312	952.9098	69.70849	-7.72548	8787.307	201.9249

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24.49916	9089.419	8637.276	11.11953	-8.46990	54.77018	2986.556
SDev	14.48741	26.568	16.646	6.52041	2.95004	.18797	6.337
%RSD	59.13433	.2922999	.1927187	58.63929	34.82972	.3432001	.2121850
#1	7.804718	9058.962	8656.492	8.320525	-5.95308	54.87479	2993.030
#2	31.92072	9101.458	8628.058	18.57213	L-11.7163	54.55318	2980.366
#3	33.77205	9107.836	8627.280	6.465939	-7.74036	54.88257	2986.273

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	6830.234	767.1448	466.4015	286.5427	15.09383
SDev	21.799	3.5909	1.1853	1.0390	.71416
%RSD	.3191601	.4680857	.2541423	.3626049	4.731474
#1	6805.122	763.0435	465.0356	287.7221	15.91748
#2	6844.292	769.7234	467.0090	286.1431	14.71697
#3	6841.289	768.6676	467.1600	285.7627	14.64704

Method: STL3 Sample Name: 213443-2 S Operator: NP
Run Time: 08/21/06 19:18:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2005830	31279.12	11.58112	39.81591	718.9037	1.871687	H495788.4
SDev	.1458325	43.84	4.57694	.12686	.9605	.001693	1535.0
%RSD	72.70431	.1401459	39.52074	.3186107	.1336110	.0904749	.3096030
#1	.3356746	31228.58	6.841458	39.90166	719.4882	1.873556	H494232.2
#2	.2200991	31306.91	11.92607	39.87589	719.4278	1.871250	H495831.8
#3	.0459752	31301.86	15.97583	39.67018	717.7951	1.870255	H497301.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.095842	21.60595	42.26023	97.61987	52143.23	4317.422	55707.66
SDev	.428799	.29174	.43588	.21805	149.87	15.217	70.69
%RSD	8.414692	1.350254	1.031410	.2233667	.2874119	.3524541	.1268990
#1	4.602251	21.64391	42.51454	97.36971	52315.66	4301.434	55782.49
#2	5.308798	21.87684	41.75693	97.76970	52069.69	4319.105	55698.48
#3	5.376476	21.29708	42.50922	97.72019	52044.33	4331.727	55642.00

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1297.178	-1.75159	24871.15	50.16404	-6.32302	794.8361	-9.70656
SDev	5.477	1.37902	17.59	.40959	1.86327	2.0331	4.49491
%RSD	.4222351	78.72958	.0707209	.8165063	29.46810	.2557848	46.30799
#1	1303.486	-.955414	24869.27	49.87468	-8.40297	793.0515	L-12.4667
#2	1294.413	-.955414	24889.60	49.98474	-5.75964	797.0493	-4.51986
#3	1293.634	-3.34395	24854.57	50.63271	-4.80645	794.4075	L-12.1331

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15.73700	822.8272	780.8606	9.812481	-6.33984	57.82368	748.3582
SDev	2.77768	3.3169	2.0044	5.467861	1.85981	.32027	1.0625
%RSD	17.65061	.4031155	.2566895	55.72353	29.33528	.5538772	.1419785
#1	13.45435	819.0027	780.0945	4.237559	-8.41629	57.82951	749.2151
#2	18.82964	824.9177	783.1351	10.03330	-5.77612	57.50054	748.6901
#3	14.92700	824.5613	779.3523	15.16659	-4.82711	58.14100	747.1694

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	6490.180	15.03588	451.4691	457.9551	21.37224
SDev	2.531	5.53022	.4084	1.7735	.23311
%RSD	.0389908	36.78020	.0904645	.3872580	1.090712
#1	6490.487	21.01877	451.5851	459.9570	21.37224
#2	6487.510	10.11127	451.8069	457.3277	21.13913
#3	6492.543	13.97758	451.0152	456.5806	21.60535

Method: STL3 Sample Name: 213443-2 S-SD 5 Operator: NP
Run Time: 08/21/06 19:24:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.152672	5936.106	4.678483	4.318359	151.5487	.3422859	H109407.4
SDev	.202538	25.085	1.539788	.256929	.7714	.0292928	397.2
%RSD	132.6627	.4225753	32.91213	5.949691	.5090030	8.557983	.3630539
#1	-.133260	5907.895	4.169381	4.252083	150.6712	.3252241	H108955.2
#2	-.364217	5944.528	3.457717	4.601934	151.8548	.3761098	H109567.2
#3	.0394621	5955.896	6.408351	4.101062	152.1199	.3255238	H109699.8

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7583337	4.217716	8.911570	21.91519	11142.37	639.5433	11303.00
SDev	.2150886	.114718	.395648	.02878	30.69	2.3861	50.88
%RSD	28.36331	2.719915	4.439707	.1313324	.2754707	.3730959	.4501228
#1	.5100236	4.103949	8.605033	21.88196	11120.88	636.8505	11247.54
#2	.8869200	4.333362	8.771473	21.93185	11128.71	641.3946	11313.93
#3	.8780577	4.215836	9.358204	21.93177	11177.52	640.3848	11347.52

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	278.8421	-2.86624	4042.092	10.22364	-2.08958	156.8008	-4.70599
SDev	.8291	.47771	23.426	.33014	.31138	.8732	5.62201
%RSD	.2973239	16.66667	.5795599	3.229213	14.90147	.5569054	119.4648
#1	278.2252	-2.38854	4015.065	9.863328	-2.09553	157.5663	L-11.1168
#2	278.5165	-2.86624	4056.588	10.51162	-1.77527	155.8497	-2.38545
#3	279.7845	-3.34395	4054.623	10.29598	-2.39794	156.9864	-.615715

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.78093	160.4836	154.9614	3.703841	-2.09598	11.60918	153.6649
SDev	4.80105	3.7907	1.7646	1.625519	.31161	.32823	.5432
%RSD	40.75274	2.362067	1.138721	43.88738	14.86698	2.827329	.3535285
#1	16.24135	159.3890	156.6556	5.576353	-2.10381	11.28068	153.3537
#2	12.40178	157.3607	155.0946	2.879776	-1.78053	11.60972	153.3488
#3	6.699652	164.7012	153.1340	2.655395	-2.40360	11.93714	154.2922

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	1334.337	1.731291	95.51400	97.55973	4.083298
SDev	.999	3.792293	.44177	.46954	.175349
%RSD	.0748353	219.0442	.4625194	.4812888	4.294307
#1	1334.330	3.372173	95.00856	97.43378	4.098838
#2	1335.339	4.426829	95.70704	97.16601	3.900695
#3	1333.342	-2.60513	95.82639	98.07941	4.250360

Method: STL3 Sample Name: MB Operator: NP
Run Time: 08/21/06 19:30:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0392454	L-49.2645	.6301673	.2567926	.1496823	-.067676	77.09080
SDev	.2515220	7.9976	2.561220	.4116843	.0311636	.000069	3.56842
%RSD	640.8953	16.23398	406.4349	160.3178	20.81982	.1023498	4.628856
#1	-.133785	L-40.6330	.9822668	-.046750	.1224795	-.067629	80.20557
#2	-.076251	L-50.7369	2.997121	.7253927	.1428834	-.067644	77.86949
#3	.3277722	L-56.4236	-2.08889	.0917348	.1836841	-.067756	73.19733

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0512583	-.573291	-.140104	2.595630	8.522381	22.88894	5.601001
SDev	.0625241	.239254	.302406	.225125	4.895765	17.05498	1.165229
%RSD	121.9785	41.73341	215.8436	8.673222	57.44598	74.51187	20.80394
#1	.0521426	-.841646	-.475610	2.362660	3.995443	3.197705	6.618204
#2	-.011703	-.382266	.1114744	2.811990	7.853506	32.98701	5.855113
#3	.1133356	-.495962	-.056178	2.612239	13.71819	32.48210	4.329686

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6505779	1.273885	L-13.1289	-.326970	-4.35436	-2.86092	-3.50812
SDev	.0563292	.275804	3.5526	.125572	5.80144	.31278	2.36099
%RSD	8.658337	21.65063	27.05931	38.40474	133.2329	10.93270	67.30066
#1	.6181146	1.433121	L-13.3852	-.399775	-7.53713	-2.50714	-1.09193
#2	.6179978	.9554142	-9.45507	-.181972	-7.86781	-2.97487	-3.62270
#3	.7156212	1.433121	L-16.5463	-.399162	2.341847	-3.10074	-5.80973

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.723189	-8.84076	.1237232	3.135199	-4.36246	-.876324	.1241072
SDev	2.949468	1.53338	.3004248	6.989891	5.80966	.003268	.1114059
%RSD	38.18976	17.34438	242.8200	222.9489	133.1739	.3729616	89.76587
#1	8.359077	-7.08353	-.223177	11.12205	-7.55641	-.874374	.2527470
#2	4.507644	-9.53138	.2976685	-1.86631	-7.87441	-.880097	.0601418
#3	10.30285	-9.90737	.2966782	.1498589	2.343440	-.874500	.0594329

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	14.71621	1.525267	.5372484	.3239717	-.536151
SDev	5.14836	1.421189	.0001071	.0734753	.026917
%RSD	34.98431	93.17641	.0199297	22.67955	5.020437
#1	20.40142	.0014860	.5371550	.3757225	-.551692
#2	13.37838	2.814743	.5372251	.3563201	-.505070
#3	10.36881	1.759571	.5373653	.2398724	-.551692

Method: STL3 Sample Name: LCSM05DLCS001 Operator: NP
Run Time: 08/21/06 19:36:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	316.7586	6329.866	1038.855	516.3343	323.7108	112.9902	32902.39
SDev	.4686	19.127	5.308	1.6295	.5105	.3385	160.32
%RSD	.1479231	.3021655	.5109361	.3155948	.1577125	.2995588	.4872657
#1	316.4329	6309.440	1044.352	515.1542	323.3568	112.6004	32717.64
#2	316.5474	6332.805	1038.455	515.6553	323.4795	113.1605	32984.54
#3	317.2956	6347.352	1033.759	518.1936	324.2960	113.2096	33004.98

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	315.4204	339.0534	324.5555	326.9789	25305.06	18844.14	15386.46
SDev	.3374	1.0421	1.4463	.7392	50.95	42.64	8.37
%RSD	.1069812	.3073651	.4456174	.2260656	.2013440	.2262556	.0543768
#1	315.2323	337.9415	322.9900	326.4792	25357.85	18799.21	15379.85
#2	315.8100	339.2108	324.8348	326.6293	25301.13	18849.19	15383.66
#3	315.2190	340.0078	325.8418	327.8280	25256.18	18884.03	15395.87

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	201.7036	303.5032	30247.68	332.8049	518.4239	1061.991	1003.397
SDev	.5877	3.5212	80.65	1.4780	7.5554	4.357	10.086
%RSD	.2913572	1.160197	.2666214	.4441021	1.457387	.4102785	1.005180
#1	202.3210	306.2102	30165.69	331.2170	522.4793	1057.078	1009.216
#2	201.6386	304.7771	30250.44	333.0571	509.7067	1065.387	1009.224
#3	201.1511	299.5223	30326.91	334.1405	523.0857	1063.508	991.7505

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	954.2830	1101.307	1042.362	581.5165	518.3601	323.6384	312.4369
SDev	8.7804	5.322	6.054	1.0104	7.5639	.8538	.8580
%RSD	.9201004	.4832001	.5807649	.1737552	1.459190	.2638133	.2746218
#1	963.3697	1097.819	1036.737	581.5962	522.4195	322.6653	313.3257
#2	953.6340	1098.670	1048.769	582.4847	509.6332	323.9880	311.6134
#3	945.8450	1107.432	1041.579	580.4686	523.0277	324.2619	312.3716

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	243.2407	6.629529	.0226785	1021.273	-.155406
SDev	.5555	1.662384	.0048097	2.937	.192580
%RSD	.2283846	25.07544	21.20812	.2876242	123.9203
#1	243.5396	6.050189	.0282209	1024.437	.0310812
#2	243.5828	8.504063	.0202138	1020.749	-.143751
#3	242.5997	5.334334	.0196006	1018.632	-.353549

Method: STL3 Sample Name: 213467-1 S Operator: NP
Run Time: 08/21/06 19:42:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.301306	44195.19	23.21709	27.10485	136.8406	2.114895	9060.310
SDev	.173252	137.14	2.51311	.14822	.4550	.030515	42.132
%RSD	57.50056	.3103042	10.82441	.5468305	.3325350	1.442839	.4650212
#1	-.301465	44039.62	20.73500	26.93505	136.4403	2.079730	9013.977
#2	-.127974	44247.41	23.15614	27.20827	136.7460	2.130551	9070.628
#3	-.474478	44298.56	25.76012	27.17124	137.3355	2.134404	9096.324

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.075029	45.33344	71.40229	55.86841	95072.66	4231.420	18704.46
SDev	.209886	.60688	.36535	.11383	351.81	7.729	51.66
%RSD	4.135666	1.338713	.5116789	.2037395	.3700471	.1826574	.2761883
#1	5.315489	45.56068	70.98318	55.80311	94845.59	4227.213	18665.28
#2	4.928598	44.64572	71.57014	55.80228	94894.47	4226.708	18685.10
#3	4.980999	45.79390	71.65355	55.99984	95477.91	4240.340	18763.01

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1534.423	2.070064	1470.716	88.65645	1.019241	40.42701	-4.59031
SDev	4.833	1.379021	2.267	.75113	6.484989	.59220	3.01420
%RSD	.3149654	66.61734	.1541734	.8472414	636.2567	1.464851	65.66438
#1	1533.582	.4777070	1468.523	87.94332	.6310297	40.41240	-7.01206
#2	1530.066	2.866242	1470.574	88.58548	-5.26292	41.02638	-5.54433
#3	1539.622	2.866242	1473.052	89.44055	7.689615	39.84226	-1.21455

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	38.20169	36.52163	42.37588	6.978734	1.012541	75.07445	256.9632
SDev	12.36736	2.51416	.77629	6.929878	6.485845	.67607	.9601
%RSD	32.37387	6.884024	1.831906	99.29993	640.5511	.9005386	.3736429
#1	27.52080	38.25146	41.49035	11.30044	.6196156	74.39181	255.8657
#2	35.33295	37.67580	42.69826	-1.01439	-5.26791	75.08778	257.3757
#3	51.75131	33.63761	42.93904	10.65015	7.685917	75.74376	257.6481

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	4644.307	L-13.6651	67.10139	635.1898	35.08683
SDev	39.287	1.6632	.21476	2.5230	.33707
%RSD	.8459277	12.17140	.3200555	.3972111	.9606699
#1	4603.162	L-15.5433	66.88182	633.8118	34.78768
#2	4648.332	L-12.3789	67.11136	633.6558	35.02079
#3	4681.427	L-13.0730	67.31100	638.1018	35.45204

Method: STL3 Sample Name: CCVM06FWRK006 Operator: NP
Run Time: 08/21/06 19:48:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.49410	5044.002	510.4764	538.1000	516.9189	520.7518	19382.10
SDev	.67273	7.482	5.5888	.3063	.4911	1.3102	86.91
%RSD	1.257579	.1483441	1.094818	.0569235	.0950147	.2515947	.4484219
#1	52.76463	5039.373	515.4903	538.2366	516.4086	519.3861	19290.41
#2	54.09007	5052.635	511.4881	537.7492	517.3884	520.8708	19392.62
#3	53.62760	5039.998	504.4509	538.3143	516.9599	521.9983	19463.28

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	504.8021	540.9032	514.8184	510.2963	4776.149	36750.85	18327.82
SDev	.8278	.6950	2.4566	.9154	24.655	61.93	9.67
%RSD	.1639849	.1284917	.4771876	.1793905	.5162045	.1685245	.0527833
#1	505.3968	540.2487	512.0234	509.5808	4802.273	36680.84	18335.22
#2	503.8567	540.8284	515.7965	511.3279	4772.889	36798.48	18316.87
#3	505.1530	541.6326	516.6354	509.9803	4753.288	36773.23	18331.37

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	486.3214	486.9427	39092.26	537.7496	498.4815	514.3237	477.6977
SDev	2.5194	.5516	50.27	2.0694	.7604	1.5854	6.2719
%RSD	.5180616	.1132727	.1285880	.3848314	.1525385	.3082547	1.312940
#1	489.2169	487.2611	39056.63	535.3731	499.0748	512.9533	470.6545
#2	485.1175	487.2611	39149.76	538.7223	497.6244	513.9578	479.7594
#3	484.6297	486.3058	39070.39	539.1535	498.7455	516.0601	482.6792

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	477.5453	527.9862	507.5019	559.8519	498.4194	515.1892	511.7136
SDev	5.8691	1.9143	1.4361	5.3434	.7561	.6904	1.5430
%RSD	1.229007	.3625635	.2829666	.9544305	.1517023	.1340109	.3015402
#1	476.3057	526.1471	506.3654	562.2432	499.0109	514.6346	513.4953
#2	472.3951	527.8438	507.0244	553.7305	497.5675	514.9706	510.8215
#3	483.9352	529.9677	509.1159	563.5820	498.6799	515.9625	510.8239

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	929.7420	508.6828	506.8912	476.9165	497.0473
SDev	9.0719	4.1874	.7694	1.7107	3.8124
%RSD	.9757448	.8231907	.1517968	.3587051	.7670137
#1	940.0728	504.0031	506.0075	478.8837	492.7892
#2	926.0784	509.9692	507.2532	476.0880	498.2089
#3	923.0748	512.0762	507.4129	475.7777	500.1437

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 08/21/06 19:54:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.076338	-88.2157	-1.70922	-3.13964	-.040730	-.033641	-3.30945
SDev	.199373	5.8688	2.25524	.35127	.000011	.029431	.00000
%RSD	261.1700	6.652787	131.9457	11.18827	.0268370	87.48642	.0000000
#1	.0388737	-81.6892	-4.06240	-2.78821	-.040737	-.016511	-3.30945
#2	.0386656	-89.8990	-1.49855	-3.13995	-.040736	-.016787	-3.30945
#3	-.306555	-93.0589	.4332940	-3.49075	-.040718	-.067625	-3.30945

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0842104	-.458482	-.139912	3.128246	.0527338	20.36442	8.393236
SDev	.0627231	.066048	.167976	.274897	1.949015	5.27136	3.083650
%RSD	74.48377	14.40584	120.0583	8.787567	3695.955	25.88516	36.73970
#1	.0842177	-.382279	-.307841	2.812115	.0438677	17.83990	11.19073
#2	.1469298	-.499272	.0281101	3.261530	2.006167	16.83008	8.902213
#3	.0214836	-.493894	-.140004	3.311094	-1.89183	26.42328	5.086764

Elem	Mn2576	Mo2020	Na5889	Ni2316	Se1960	Pb2203	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.097509	1.114650	45.39563	.2146891	-.584978	-2.18827	-.839604
SDev	.056349	1.202203	1.03939	.1651383	4.340853	1.24951	8.629375
%RSD	57.78895	107.8548	2.289616	76.91975	742.0543	57.10035	1027.791
#1	-.162575	.9554142	46.07913	.2506939	4.423962	-1.64105	9.087972
#2	-.064870	-.000000	44.19952	.0345189	-3.25036	-1.30573	-6.54402
#3	-.065081	2.388535	45.90825	.3588546	-2.92854	-3.61803	-5.06276

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2138
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.276115	-7.85634	.6407141	1.120989	-.587286	-.655220	-.447730
SDev	1.116374	1.24727	1.322611	9.863195	4.335485	.496240	.111382
%RSD	87.48227	15.87596	206.4276	879.8654	738.2239	75.73645	24.87696
#1	.6341818	-7.87384	1.469873	12.24197	4.415536	-.545739	-.319118
#2	2.565190	-6.60041	1.336842	-6.56681	-3.24764	-.222862	-.512235
#3	.6289736	-9.09476	-.884573	-2.31219	-2.92976	-1.19706	-.511838

Elem	Si2881	Sn1899	Sr4215	Ti3349	Zr3496
Units	ppb	ppb	ppb	ppb	ppb
Avge	5.348951	1.759316	.0617634	.2653497	-.023311
SDev	1.004358	2.747076	.0133507	.0784732	.464223
%RSD	18.77672	156.1446	21.61581	29.57350	1991.437
#1	6.352130	.0004723	.0771794	.3559627	.4856443
#2	5.351303	.3526318	.0540554	.2200150	-.132095
#3	4.343419	4.924843	.0540554	.2200714	-.423482

Sample Information File C:\AAUSER\SAMPINFO\080906.SIF

Description :
Batch ID : 69730, 69736
Volume Units : mL
Weight Units :
Analyst : SMF
Sample Volume : 0.50

AS Loc	Sample ID	Sample Weight	Sample Units	User Dilution	Remarks
9	ICVM06HWRK001	1.0000		1.0000	
10	ICB	1.0000		1.0000	
11	MB	1.0000		1.0000	
12	LCSM06ALCS003	1.0000		10.0000	
13	213432-14 S	1.0000		1.0000	
14	213432-15 S	1.0000		1.0000	
15	213432-16 S	1.0000		1.0000	
16	213432-16 S MD	1.0000		1.0000	
17	213432-16 S MS	1.0000		1.0000	
18	213432-17 S	1.0000		1.0000	
19	213432-18 S	1.0000		1.0000	
20	213432-19 S	1.0000		1.0000	
21	CCVM06HWRK001	1.0000		1.0000	
22	CCB	1.0000		1.0000	
23	213432-20 S	1.0000		1.0000	
24	213443-1 S	1.0000		1.0000	
25	213443-2 S	1.0000		1.0000	
26	213446-1 S	1.0000		1.0000	
27	213446-2 S	1.0000		1.0000	
28	213446-3 S	1.0000		1.0000	
29	213432-16 S	1.0000		5.0000	
30	213446-1 S	1.0000		10.0000	
31	213446-2 S	1.0000		10.0000	
32	213446-3 S	1.0000		20.0000	
33	CCVM06HWRK001	1.0000		1.0000	
34	CCB	1.0000		1.0000	
35	213432-16 S	1.0000		5.0000	
36	213446-3 S	1.0000		25.0000	
37	CCVM06HWRK001	1.0000		1.0000	
38	CCB	1.0000		1.0000	
39	MDL	1.0000		1.0000	
40	MDL	1.0000		1.0000	
41	MDL	1.0000		1.0000	
42	MDL	1.0000		1.0000	
43	MDL	1.0000		1.0000	
44	MDL	1.0000		1.0000	
45	MDL	1.0000		1.0000	
46	MDL	1.0000		1.0000	
47	CCVM06HWRK001	1.0000		1.0000	
48	CCB	1.0000		1.0000	

Method Name: STLHG1
Method Description: STLHG1
Element: Hg

Date: 08/09/2006
Technique:FI-MHS
Calibration Type:
Hg, Zero Intercept: Nonlinear
Wavelength: 253.7 nm
Sample Info Name: 080906.SIF Results Data Set Name: CV080906

Element: Hg Seq. No.: 1 AS Loc.: 1 Date: 08/09/2006
Sample ID: Calib Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0002	0.0010	0.0002	11:41:45	No

Auto-zero performed.

Element: Hg Seq. No.: 2 AS Loc.: 2 Date: 08/09/2006
Sample ID: Standard 1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0011	0.0074	0.0013	11:42:41	No

[Hg] Standard number 1 applied. [0.200]
Correlation Coefficient: 1.00000 Slope: 0.00526

Element: Hg Seq. No.: 3 AS Loc.: 3 Date: 08/09/2006
Sample ID: Standard 2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0056	0.0341	0.0058	11:43:37	No

[Hg] Standard number 2 applied. [1.000]
Correlation Coefficient: 1.00000 Slope: 0.00518

Element: Hg Seq. No.: 4 AS Loc.: 4 Date: 08/09/2006
Sample ID: Standard 3

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0130	0.0772	0.0132	11:44:55	No

[Hg] Standard number 3 applied. [2.000]
Correlation Coefficient: 1.00000 Slope: 0.00520

Element: Hg Seq. No.: 5 AS Loc.: 5 Date: 08/09/2006
Sample ID: Standard 4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0324	0.1906	0.0326	11:46:16	No

S-shaped calibration curve detected. Two-coefficient equation used.
[Hg] Standard number 4 applied. [5.000]
Correlation Coefficient: 0.99814 Slope: 0.00552

Element: Hg Seq. No.: 6 AS Loc.: 6 Date: 08/09/2006
Sample ID: Standard 5

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0635	0.3751	0.0637	11:47:38	No

[Hg] Standard number 5 applied. [10.00]
Correlation Coefficient: 0.99829 Slope: 0.00577

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.0002	---	----	----	----
Standard 1	0.0011	0.200	0.182	----	----
Standard 2	0.0056	1.000	0.960	----	----
Standard 3	0.0130	2.000	2.190	----	----
Standard 4	0.0324	5.000	5.233	----	----
Standard 5	0.0635	10.000	9.646	----	----
Calib Blank	0.0002	---	----	----	----

Correlation Coefficient: 0.99829 Slope: 0.00577 ----

Element: Hg Seq. No.: 7 AS Loc.: 9 Date: 08/09/2006
Sample ID: ICVM06HWRK001

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.182	5.182	0.0320	0.1884	0.0322	11:48:55	No

Element: Hg Seq. No.: 8 AS Loc.: 10 Date: 08/09/2006
Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.004	0.004	0.0000	0.0011	0.0002	11:50:12	No

Element: Hg Seq. No.: 9 AS Loc.: 11 Date: 08/09/2006
Sample ID: MB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.003	0.003	0.0000	0.0008	0.0002	11:51:07	No

Element: Hg Seq. No.: 10 AS Loc.: 12 Date: 08/09/2006
Sample ID: LCSM06ALCS003

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	29.03	2.903	0.0174	0.1015	0.0176	11:52:02	No

Element: Hg Seq. No.: 11 AS Loc.: 13 Date: 08/09/2006
Sample ID: 213432-14 S

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.144	2.144	0.0127	0.0740	0.0129	11:53:21	No

Element: Hg Seq. No.: 12 AS Loc.: 14 Date: 08/09/2006
Sample ID: 213432-15 S

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

#	µg/L	µg/L	Signal	Area	Height		Stored
1	0.505	0.505	0.0029	0.0177	0.0032	11:54:42	No

Element: Hg Seq. No.: 13 AS Loc.: 15 Date: 08/09/2006
Sample ID: 213432-16 S

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	12.66	12.66	0.0872	0.5028	0.0874	11:55:37	No

Sample absorbance is greater than that of the highest standard.

Element: Hg Seq. No.: 14 AS Loc.: 16 Date: 08/09/2006
Sample ID: 213432-16 S MD

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	6.601	6.601	0.0416	0.2423	0.0418	11:56:59	No

Element: Hg Seq. No.: 15 AS Loc.: 17 Date: 08/09/2006
Sample ID: 213432-16 S MS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	11.93	11.93	0.0812	0.4732	0.0814	11:58:18	No

Sample absorbance is greater than that of the highest standard.

Element: Hg Seq. No.: 16 AS Loc.: 18 Date: 08/09/2006
Sample ID: 213432-17 S

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.610	2.610	0.0156	0.0885	0.0158	11:59:33	No

Element: Hg Seq. No.: 17 AS Loc.: 19 Date: 08/09/2006
Sample ID: 213432-18 S

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.115	0.115	0.0007	0.0047	0.0009	12:00:49	No

Element: Hg Seq. No.: 18 AS Loc.: 20 Date: 08/09/2006
Sample ID: 213432-19 S

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.304	0.304	0.0018	0.0099	0.0020	12:01:44	No

Element: Hg Seq. No.: 19 AS Loc.: 21 Date: 08/09/2006
Sample ID: CCVM06HWRK001

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.227	5.227	0.0323	0.1886	0.0325	12:02:39	No

Element: Hg Seq. No.: 20 AS Loc.: 22 Date: 08/09/2006
Sample ID: CCB

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

#	µg/L	µg/L	Signal	Area	Height		Stored
1	0.006	0.006	0.0000	0.0009	0.0003	12:03:56	No

Element: Hg Seq. No.: 21 AS Loc.: 23 Date: 08/09/2006
Sample ID: 213432-20 S

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.348	1.348	0.0079	0.0447	0.0081	12:04:51	No

Element: Hg Seq. No.: 22 AS Loc.: 24 Date: 08/09/2006
Sample ID: 213443-1 S

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.655	4.655	0.0286	0.1734	0.0288	12:06:10	No

Element: Hg Seq. No.: 23 AS Loc.: 25 Date: 08/09/2006
Sample ID: 213443-2 S

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.604	3.604	0.0218	0.1269	0.0220	12:07:29	No

Element: Hg Seq. No.: 24 AS Loc.: 26 Date: 08/09/2006
Sample ID: 213446-1 S

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	17.65	17.65	0.1316	0.7638	0.1318	12:08:48	No

Sample absorbance is greater than that of the highest standard.

Element: Hg Seq. No.: 25 AS Loc.: 27 Date: 08/09/2006
Sample ID: 213446-2 S

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	20.10	20.10	0.1562	0.9176	0.1564	12:10:07	No

Sample absorbance is greater than that of the highest standard.

Element: Hg Seq. No.: 26 AS Loc.: 28 Date: 08/09/2006
Sample ID: 213446-3 S

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	51.26	51.26	0.8641	5.6951	0.8643	12:11:28	No

Sample absorbance is greater than that of the highest standard.

Element: Hg Seq. No.: 27 AS Loc.: 29 Date: 08/09/2006
Sample ID: 213~~432-16~~ S

mp 8/9/06

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	29.51	5.902	0.~~0368~~	0.2182	0.0370	12:26:26	No

Element: Hg Seq. No.: 28 AS Loc.: 30 Date: 08/09/2006
Sample ID: 213446-1 S

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	25.01	2.501	0.0149	0.0877	0.0151	12:27:47	No

Element: Hg Seq. No.: 29 AS Loc.: 31 Date: 08/09/2006
Sample ID: 213446-2 S

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	29.22	2.922	0.0175	0.1025	0.0177	12:29:08	No

Element: Hg Seq. No.: 30 AS Loc.: 32 Date: 08/09/2006
Sample ID: 213446-3 S

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	211.5	10.57	0.0706	0.4122	0.0708	12:30:26	No

Sample absorbance is greater than that of the highest standard.

Element: Hg Seq. No.: 31 AS Loc.: 33 Date: 08/09/2006
Sample ID: CCVM06HWRK001

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.567	5.567	0.0346	0.2028	0.0348	12:31:41	No

Element: Hg Seq. No.: 32 AS Loc.: 34 Date: 08/09/2006
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.025	0.025	0.0001	0.0019	0.0004	12:32:56	No

Element: Hg Seq. No.: 33 AS Loc.: 35 Date: 08/09/2006
Sample ID: MDL

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

Element: Hg Seq. No.: 33 AS Loc.: 35 Date: 08/09/2006
Sample ID: 213432-16 S

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	15.65	3.130	0.0188	0.1110	0.0190	12:47:03	No

Element: Hg Seq. No.: 34 AS Loc.: 36 Date: 08/09/2006
Sample ID: 213446-3 S

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	230.6	9.224	0.0603	0.3512	0.0606	12:48:20	No

Element: Hg Seq. No.: 35 AS Loc.: 37 Date: 08/09/2006
Sample ID: CCVM06HWRK001

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	5.774	5.774	0.0360	0.2113	0.0362	12:49:37	No

Element: Hg Seq. No.: 36 AS Loc.: 38 Date: 08/09/2006
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.021	0.021	0.0001	0.0016	0.0003	12:50:54	No

Element: Hg Seq. No.: 37 AS Loc.: 39 Date: 08/09/2006
Sample ID: MDL

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.193	0.193	0.0011	0.0076	0.0013	12:51:49	No

Element: Hg Seq. No.: 38 AS Loc.: 40 Date: 08/09/2006
Sample ID: MDL

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.164	0.164	0.0010	0.0066	0.0012	12:52:44	No

Element: Hg Seq. No.: 39 AS Loc.: 41 Date: 08/09/2006
Sample ID: MDL

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.199	0.199	0.0012	0.0074	0.0014	12:53:38	No

Element: Hg Seq. No.: 40 AS Loc.: 42 Date: 08/09/2006
Sample ID: MDL

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.207	0.207	0.0012	0.0081	0.0014	12:54:33	No

Element: Hg Seq. No.: 41 AS Loc.: 43 Date: 08/09/2006
Sample ID: MDL

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.161	0.161	0.0009	0.0065	0.0012	12:55:28	No

Element: Hg Seq. No.: 42 AS Loc.: 44 Date: 08/09/2006
Sample ID: MDL

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.169	0.169	0.0010	0.0072	0.0012	12:56:23	No

Element: Hg Seq. No.: 43 AS Loc.: 45 Date: 08/09/2006
Sample ID: MDL

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.174	0.174	0.0010	0.0071	0.0012	12:57:18	No

Element: Hg Seq. No.: 44 AS Loc.: 46 Date: 08/09/2006
Sample ID: MDL

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.190	0.190	0.0011	0.0078	0.0013	12:58:12	No

Element: Hg Seq. No.: 45 AS Loc.: 47 Date: 08/09/2006
Sample ID: CCVM06HWRK001

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.598	5.598	0.0348	0.2035	0.0350	12:59:07	No

Element: Hg Seq. No.: 46 AS Loc.: 48 Date: 08/09/2006
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.027	0.027	0.0002	0.0025	0.0004	01:00:25	No

CLP Metals Digestion (ICAP)

Report Date: 8/9/06 15:42

Method Code..: CLPICD
Batch Code...: 69753
Status.....: RVWD

Batch Date...: 08/09/06
Batch Time...: 1538
User Name....: rlm

QC Code.....:
Calc Code.....: PFCLP
Location Code..: 57207

Equipment Code.:
Import Code....:

SAMPLE:	Grp	Pos	Sample ID	Dilution	DIGICP Text	MLF mL	WEIGHT g	PREPF N/A	DLF N/A
	1	1	___MB__		Complete	250	1.25	200.0000	1.0000
	1	2	___LCS_MO5DLCS001_		Complete	250	1.00	250.0000	1.2500
	1	3	213432_14_S___		Complete	250	1.35	185.1852	0.9259
	1	4	213432_15_S___		Complete	250	1.12	223.2143	1.1161
	1	5	213432_16_S___		Complete	250	1.44	173.6111	0.8681
	1	6	213432_16_S_MD__5		Complete	250	1.11	225.2252	1.1261
	1	7	213432_16_S_MS__5		Complete	250	1.52	164.4737	0.8224
	1	8	213432_17_S___		Complete	250	1.36	183.8235	0.9191
	1	9	213432_18_S___		Complete	250	1.51	165.5629	0.8278
	1	10	213432_19_S___		Complete	250	1.46	171.2329	0.8562
	1	11	213432_20_S___		Complete	250	1.31	190.8397	0.9542
	1	12	213443_1_S___		Complete	250	1.58	158.2278	0.7911
	1	13	213443_2_S___		Complete	250	1.51	165.5629	0.8278