STL Burlington
Colchester, Vermont

Extended Data Package

SDG: 213609

SEVERN TRENT STL

Case Narrative

SEVERN TRENT STL

October 2, 2006
Mr. Loomis D'Amico
Severn Trent Laboratories
128 Long Hill Cross Road
Shelton, CT 06484

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203 Fax: 802 655 1248
www.stl-inc.com

Re: Laboratory Project No. 26001
Case: ERMRAECO; SDG: 213609

Dear Mr. D'Amico:

Enclosed are the analytical results for the samples that were received by STL Burlington on September 1st and 2nd, 2006. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 09/01/06 ETR No: 116111		
681559	MW-3DD	08/29/06	WATER
681560	MW-3D	08/29/06	WATER
681560MS	MW-3DMS	08/29/06	WATER
681560MD	MW-3DMSD	08/29/06	WATER
681561	FB082906	08/29/06	WATER
681562	MW-6D	08/30/06	WATER
681563	FB083006	08/30/06	WATER
	Received: 09/02/06 ETR No: 116134		
681754	MW-1DD	08/31/06	WATER
681755	MW-1D	08/31/06	WATER
681756	MW-5D	08/31/06	WATER
681757	FB083106	08/31/06	WATER
681758	DUP083106	08/31/06	WATER
681759	MW-4D	09/01/06	WATER
681760	MW-2D	09/01/06	WATER
681761	MW-2DD	09/01/06	WATER
681762	FB090106	09/01/06	WATER

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

The samples were analyzed for semivolatiles by OLC2.1. Matrix spike and matrix spike duplicate analyses were performed on sample MW-3D. These analyses did recovered low for 4-chloroaniline and the analyses did yield results with poor correspondence in the interanalysis comparison of this analyte. Laboratory control samples were prepared and analyzed in association with the samples, and the spiked analytes were recovered well in these analyses. The method blanks and field blanks associated with these samples were free of contamination.

The response for the internal standard perylene-d12 in the analyses of samples MW-3D, MW-3DMSD and MW-3DMS were outside control criterion. The laboratory suspects this issue is indicative of the sarnple matrix itself. In the initial analysis of sample MW-1D, the response for the internal standard chrysene-d12 was outside control criterion. The sample was reanalyzed and the exhibited similar response. Both sets of data are included in the data submittal. The surrogate controls were within control criterion.

Manual integration of quantitation peaks was performed where necessary. Documentation of each manual integration was provided in the supportive documentation.

An alkane report was included in addition to the Tentatively Identified Compound reports. Any organic compound suspected to be a straight chain, branched, or cyclic alkane, alkene, or part of an alkene series was characterized by a library search and summarized on the alkane report.

The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 655-1203.

Sincerely,

Kristine A. Dusablon
Project Manager

Enclosure

STL Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: SW-846: Greater than 40% difference for detected concentrations between two GC columns. Unless otherwise specified the higher of the two values is reported on the Form I.

CLP SOW: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

* Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P	ICP-AES
MS	ICP-MS
CV	Cold Vapor AA
AS	Semi-Automated Spectrophotometric

08/31/2006 STL Connecticut

RE: Subcontract Chain of Custody

STL CT Project Manager:	Erin A. Gaus
Telephone Number:	203-944-1318
PO/Job #:	213609
Client:	ERM
Project Name:	RAECO PRODUCTS
Certification:	NY
SDG Complete:	N
Hardcopy Due Date:	09/12/2006
Report Type:	NY Cat B
EDD Type:	GISKEY
	Please send EDD with hardcopy report
QC Billable:	N

Samp#	Sample I.D.	Sampled	Time
1	MW-3DD	08/29/2006	1220
2	MW-3D	08/29/2006	1525
3	FB082906	08/29/2006	1400
4	MW-6D	08/30/2006	0950
5	FB083006	08/30/2006	1035

Please run QC on sample: 3

Mthds	Method Description / Sample Distribution	#of	Analytical Mthd / Unit Price	Extended
OLCS	CLP BNA Extractable Organics		OLC02.1	
	1-5	5	$150.00	$750.00
STICS	Semi-volatile TIC		BNA TIC	
	1-5 50 TICs	5	$0.00	$0.00
			Total Cost	$1617.00

Matrix: water
Bottle Type & Number: A1000 X 2

Ship To: STL Burlington
Ship Date: 08/31/06

Special Instructions:
Prices include rush premium, if applicable.
Please overnight a paginated single-sided unbound hardcopy.
Please use client IDs in hardcopy report.
Please send EDD with hardcopy report.

Sending Laboratory: [signature] STL CT Date: 5/31/06

Receiving Laboratory: [signature] STL VT Date: 9-1-06 1200

PLEASE SEND A SAMPLE CONFIRMATION REPORT UPON SAMPLE RECEIPT

RE: Subcontract Chain of Custody

STL CT Project Manager:	Erin A. Gaus
Telephone Number:	203-944-1318
PO/Job Number:	213609
Client:	ERM
Project Name:	RAECO PRODUCTS
Certifications:	NY
SDG Complete:	N
Hardcopy Due Date:	09/13/2006
Report Type:	NY CAT B
EDD Type:	GISKEY; GEN W/ TIC'S
	Please send EDD with hardcopy report

Samp#	Sample I.D.	Sampled	Time
7	MW-1DD	08/31/2006	0850
9	MW-1D	08/31/2006	1230
10	MW-5D	08/31/2006	1335
11	FB083106	08/31/2006	1325
12	DUP083106	08/31/2006	1700
~~13~~	~~TRIP BLANK~~	~~08/31/2006~~	~~0000~~

Mthds	Method Description Sample Distribution	#of	Analytical Mthd Unit Price	Extended
OLC CLP BNA Extractable Organics			OLC02.1	
	7,9-12	~~10~~ 5	$150.00	$1500.00
STIC Semi-volatile TIC- 50 TIC'S			BNA TIC	
	7,9-12	~~10~~ 5	$0.00	$0.00

Matrix: WATER
Bottle Type & number: A1000 x 2

Ship To: STL-BURLINGTON
Ship Date: 09/01 F0R SATURDAY DELIVERY

Special Instructions:
Prices include rush premium, if applicable.
Please overnight a paginated single-sided unbound hardcopy.
Please use client IDs in hardcopy report.
Please send EDD with hardcopy report.

Sending Laboratory: STL CT, K Blackey Date: 9/1/06

Receiving Laboratory: [signature] Date: 9-2-06

PLEASE SEND A SAMPLE CONFIRMATION REPORT UPON SAMPLE RECEIPT

Chain of Custody Record

STL Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Tel: 203-929-8140
Fax: 203-929-8142

SEVERN TRENT STL
Severn Trent Laboratories, Inc.

STL-4124 (0605)

Client: ERM	Project Manager: Andy Coenen QA/qc PM	Date: 9/1/06	Chain of Custody Number: 12262
Address: 1159 Pittsford Victor Road Suite 200	Telephone Number (Area Code)/Fax Number: 631-756-8900	Lab Number:	Page 1 of 1
City: Pittsford / State: NY / Zip Code: 14534	Site Contact: Jeremy Wolf	Lab Contact: Erin G.	
Project Name and Location (State): Former Rueco Products Site, NY	Rad. Screen:		
Contract/Purchase Order/Project No.: 0021427 Phase 3			

Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Lab ID	Matrix: Aqueous	Solid	Other	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis (Attach list if more space is needed): OLC SVOC	Comments
MW-4D	9/1/06	0750		X			X						X	
MW-2D	9/1/06	0825		X			X						X	
MW-2DD	9/1/06	0900		X			X						X	
FB090106	9/1/06	0840		X			X						X	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☒ Disposal By Lab ☐ Return To Client ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required (business days): ☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☒ Other STD

QC Requirements (Specify): Rteuse Provide Cat B deliverables

	Date	Time		Date	Time
1. Relinquished By: Jeremy Wolf	9/1/06	1815	1. Received By	9-2-06	1045
2. Relinquished By			2. Received By		
3. Received By			Cooler Temps		

Comments: Report to Andy.Coenen@ERM.com

Andy Coenen - ERM, 520 Broad Hollow Road Suite 210 Melville, NY 11747

DISTRIBUTION: WHITE – Stays with the Samples; CANARY – Returned to Client with Report; PINK – Field Copy

5

SEVERN TRENT STL

OLC02.1

***

SEMI-VOLATILE ORGANIC ANALYSIS

***

QC SUMMARY

2LCB

LOW CONC. WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

	EPA SAMPLE NO.	2FP %REC #	PHL %REC #	NBZ %REC #	FBP %REC #	TBP %REC #	TPH %REC #	OTHER	TOT OUT
01	D090306LCS	89	92	93	90	82	88		0
02	MBLK090306D	90	96	92	83	78	85		0
03	MW-3DD	81	89	84	80	79	77		0
04	MW-3D	89	95	92	90	97	103		0
05	MW-3DMS	89	88	92	88	98	103		0
06	MW-3DMSD	95	95	98	95	105	115		0
07	FB082906	59	66	64	60	60	64		0
08	MW-6D	84	95	88	84	84	86		0
09	FB083006	83	95	89	83	83	85		0
10	F090506LCS	91	98	100	95	85	100		0
11	MBLK090506F	92	103	96	90	86	95		0
12	MW-1DD	88	97	98	88	96	104		0
13	MW-1D	91	92	98	93	106	128		0
14	MW-5D	87	95	91	88	98	80		0
15	FB083106	88	98	92	86	85	105		0
16	DUP083106	87	95	94	86	95	112		0
17	MW-4D	89	96	92	86	92	114		0
18	MW-2DD	92	99	94	89	89	116		0
19	FB090106	90	98	88	85	84	110		0
20	MW-1DRE	87	94	98	91	96	128		0
21	MW-2D	92	102	94	82	80	86		0
22									
23									
24									
25									
26									
27									
28									
29									
30									

		QC LIMITS %REC
2FP	= 2-Fluorophenol	(15-121)
PHL	= Phenol-d5	(15-115)
NBZ	= Nitrobenzene-d5	(23-120)
FBP	= 2-Fluorobiphenyl	(30-115)
TBP	= 2,4,6-Tribromophenol	(15-130)
TPH	= Terphenyl-d14	(18-140)

Column to be used to flag recovery values.
* Values outside of contract required QC limits.
D Surrogate diluted out.

3C

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Matrix Spike - EPA Sample No.: MW-3D

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
Phenol	44	0	38	86	40-120
bis(2-Chloroethyl)Ether	22	0	19	86	50-110
2-Chlorophenol	44	0	38	86	50-110
Hexachloroethane	22	0	19	86	20-110
N-Nitroso-di-n-prop.(1)	22	0	20	91	30-110
Isophorone	22	0	19	86	50-110
Naphthalene	22	0	20	91	30-110
4-Chloroaniline	44	0	2	4*	10-120
2,4,6-Trichlorophenol	44	0	43	98	40-120
2,4-Dinitrotoluene	22	0	18	82	30-120
Diethylphthalate	22	0	21	95	50-120
N-nitrosodiphenylamine	22	0	18	82	30-110
Hexachlorobenzene	22	0	20	91	40-120
Benzo(a)pyrene	22	0	17	77	50-120

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

3C

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Matrix Spike - EPA Sample No.: MW-3D

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	44	39	89	3	40	40-120
bis(2-Chloroethyl)Ether	22	20	91	6	40	50-110
2-Chlorophenol	44	40	91	6	40	50-110
Hexachloroethane	22	19	86	0	40	20-110
N-Nitroso-di-n-prop.(1)	22	21	95	4	40	30-110
Isophorone	22	20	91	6	40	50-110
Naphthalene	22	20	91	0	40	30-110
4-Chloroaniline	44	3	7*	54*	40	10-120
2,4,6-Trichlorophenol	44	48	109	11	40	40-120
2,4-Dinitrotoluene	22	21	95	15	40	30-120
Diethylphthalate	22	23	104	9	40	50-120
N-nitrosodiphenylamine	22	21	95	15	40	30-110
Hexachlorobenzene	22	22	100	9	40	40-120
Benzo(a)pyrene	22	18	82	6	40	50-120

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 1 out of 14 outside limits
Spike Recovery: 2 out of 28 outside limits

COMMENTS: _____

3LCB

LOW CONC. WATER SEMIVOLATILE LAB CONTROL SAMPLE RECOVERY

EPA SAMPLE NO.

D090306LCS

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: D090306LCS LCS Lot No.:

Lab File ID: Q0903D Date Extracted: 09/03/06

LCS Aliquot: 0 (uL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

COMPOUND	CONC ADDED (ug/L)	CONC RECOVERED (ug/L)	%REC #	QC LIMITS
Phenol	40	34	85	40-120
bis(2-Chloroethyl)Ether	20	18	90	50-110
2-Chlorophenol	40	33	82	50-110
Hexachloroethane	20	17	85	20-110
N-Nitroso-di-n-propylamine	20	19	95	30-110
Isophorone	20	18	90	50-110
Naphthalene	20	18	90	30-110
4-Chloroaniline	40	31	78	10-120
2,4,6-Trichlorophenol	40	35	88	40-120
2,4-Dinitrotoluene	20	16	80	30-120
Diethylphthalate	20	19	95	50-120
N-nitrosodiphenylamine	20	19	95	30-110
Hexachlorobenzene	20	18	90	40-120
Benzo(a)pyrene	20	16	80	50-120

Column to be used to flag LCS recovery with an asterisk.
* Values outside of QC limits.

LCS Recovery: 0 outside limits out of 14 total.

COMMENTS: _____

3LCB

LOW CONC. WATER SEMIVOLATILE LAB CONTROL SAMPLE RECOVERY

EPA SAMPLE NO.

F090506LCS

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: F090506LCS LCS Lot No.:

Lab File ID: Q0905F Date Extracted: 09/05/06

LCS Aliquot: 0 (uL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

COMPOUND	CONC ADDED (ug/L)	CONC RECOVERED (ug/L)	%REC #	QC LIMITS
Phenol	40	34	85	40-120
bis(2-Chloroethyl)Ether	20	18	90	50-110
2-Chlorophenol	40	33	82	50-110
Hexachloroethane	20	18	90	20-110
N-Nitroso-di-n-propylamine	20	19	95	30-110
Isophorone	20	18	90	50-110
Naphthalene	20	18	90	30-110
4-Chloroaniline	40	26	65	10-120
2,4,6-Trichlorophenol	40	37	92	40-120
2,4-Dinitrotoluene	20	16	80	30-120
Diethylphthalate	20	20	100	50-120
N-nitrosodiphenylamine	20	19	95	30-110
Hexachlorobenzene	20	19	95	40-120
Benzo(a)pyrene	20	16	80	50-120

Column to be used to flag LCS recovery with an asterisk.
* Values outside of QC limits.

LCS Recovery: 0 outside limits out of 14 total.

COMMENTS: _____

FORM III LSSV OLC02.0

4LCB

EPA SAMPLE NO.

LOW CONC. WATER SEMIVOLATILE METHOD BLANK SUMMARY

MBLK090306D

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: MBLK090306D Date Extracted: 09/03/06

Lab File ID: B0903D Date Analyzed: 09/30/06

Instrument ID: P Time Analyzed : 1510

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES and LCS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	D090306LCS	D090306LCS	Q0903D	09/30/06
02	MW-3DD	681559	681559	09/30/06
03	MW-3D	681560	681560	09/30/06
04	MW-3DMS	681560MS	681560M	09/30/06
05	MW-3DMSD	681560MD	681560S	09/30/06
06	FB082906	681561	681561	09/30/06
07	MW-6D	681562	681562	09/30/06
08	FB083006	681563	681563	09/30/06
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS: _____

_____

4LCB

LOW CONC. WATER SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MBLK090506F

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: MBLK090506F Date Extracted: 09/05/06

Lab File ID: B0905F Date Analyzed: 09/30/06

Instrument ID: P Time Analyzed : 2012

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES and LCS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	F090506LCS	F090506LCS	Q0905F	09/30/06
02	MW-1DD	681754	681754	09/30/06
03	MW-1D	681755	681755	09/30/06
04	MW-5D	681756	681756	09/30/06
05	FB083106	681757	681757	09/30/06
06	DUP083106	681758	681758	09/30/06
07	MW-4D	681759	681759	09/30/06
08	MW-2DD	681761	681761	10/01/06
09	FB090106	681762	681762	10/01/06
10	MW-1DRE	681755R1	681755	10/01/06
11	MW-2D	681760	681760	10/01/06
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS: _____

5LCB

LOW CONC. AIR SEMIVOLATILE ORGANIC GC/MS PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab File ID: PAF01PS DFTPP Injection Date: 09/30/06

Instrument ID: P DFTPP Injection Time: 0845

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	35.9
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	57.6
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	40.0 - 60.0% of mass 198	46.0
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	18.8
365	Greater than 1.0% of mass 198	2.06
441	Present, but less than mass 443	11.0
442	Greater than 40.0% of mass 198	65.5
443	17.0 - 23.0% of mass 442	13.1 (19.9)2

1-Value is % mass 69 2-Value is % mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, LCS, LES, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD080	SSTD080	PAF080	09/30/06	0932
02	SSTD050	SSTD050	PAF050	09/30/06	1005
03	SSTD020	SSTD020	PAF020	09/30/06	1039
04	SSTD010	SSTD010	PAF010	09/30/06	1113
05	SSTD005	SSTD005	PAF005	09/30/06	1147
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

5LCB

LOW CONC. AIR SEMIVOLATILE ORGANIC GC/MS PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab File ID: PAF03PS DFTPP Injection Date: 09/30/06

Instrument ID: P DFTPP Injection Time: 1339

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	37.5
68	Less than 2.0% of mass 69	0.2 (0.3)1
69	Mass 69 relative abundance	59.5
70	Less than 2.0% of mass 69	0.1 (0.2)1
127	40.0 - 60.0% of mass 198	46.5
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	19.0
365	Greater than 1.0% of mass 198	1.92
441	Present, but less than mass 443	10.7
442	Greater than 40.0% of mass 198	66.8
443	17.0 - 23.0% of mass 442	12.8 (19.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, LCS, LES, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD020	SSTD020	PAF020	09/30/06	1402
02	D090306LCS	D090306LCS	Q0903D	09/30/06	1436
03	MBLK090306D	MBLK090306D	B0903D	09/30/06	1510
04	MW-3DD	681559	681559	09/30/06	1544
05	MW-3D	681560	681560	09/30/06	1618
06	MW-3DMS	681560MS	681560M	09/30/06	1651
07	MW-3DMSD	681560MD	681560S	09/30/06	1725
08	FB082906	681561	681561	09/30/06	1759
09	MW-6D	681562	681562	09/30/06	1832
10	FB083006	681563	681563	09/30/06	1906
11	F090506LCS	F090506LCS	Q0905F	09/30/06	1939
12	MBLK090506F	MBLK090506F	B0905F	09/30/06	2012
13	MW-1DD	681754	681754	09/30/06	2046
14	MW-1D	681755	681755	09/30/06	2119
15	MW-5D	681756	681756	09/30/06	2152
16	FB083106	681757	681757	09/30/06	2226
17	DUP083106	681758	681758	09/30/06	2259
18	MW-4D	681759	681759	09/30/06	2332
19	MW-2DD	681761	681761	10/01/06	0005
20	FB090106	681762	681762	10/01/06	0038
21					
22					

5LCB

LOW CONC. AIR SEMIVOLATILE ORGANIC GC/MS PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab File ID: PAF05PS DFTPP Injection Date: 10/01/06

Instrument ID: P DFTPP Injection Time: 1211

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	37.2
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	60.4
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	40.0 - 60.0% of mass 198	46.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	18.7
365	Greater than 1.0% of mass 198	2.32
441	Present, but less than mass 443	11.3
442	Greater than 40.0% of mass 198	71.4
443	17.0 - 23.0% of mass 442	13.7 (19.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, LCS, LES, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD020	SSTD020	PAF020B	10/01/06	1239
02	MW-1DRE	681755R1	681755	10/01/06	1312
03	MW-2D	681760	681760	10/01/06	1346
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

8LCB

LOW CONC. WATER SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab File ID (Standard): PAF020 Date Analyzed: 09/30/06

Instrument ID: P Time Analyzed: 1402

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	234993	6.47	864971	8.53	443503	11.52
	UPPER LIMIT	469986	6.80	1729942	8.86	887006	11.85
	LOWER LIMIT	117496	6.14	432486	8.20	221752	11.19
	EPA SAMPLE NO.						
01	D090306LCS	246603	6.47	923678	8.54	479662	11.51
02	MBLK090306D	241991	6.47	924551	8.54	496259	11.52
03	MW-3DD	244009	6.47	921823	8.54	469925	11.52
04	MW-3D	241833	6.47	856423	8.54	398466	11.52
05	MW-3DMS	240175	6.47	850545	8.54	399305	11.52
06	MW-3DMSD	248750	6.48	895722	8.55	404146	11.52
07	FB082906	259819	6.48	978313	8.54	506793	11.52
08	MW-6D	268372	6.47	1029810	8.55	524853	11.52
09	FB083006	266550	6.47	1018852	8.55	518400	11.52
10	F090506LCS	271837	6.47	1019207	8.55	521527	11.52
11	MBLK090506F	273201	6.48	1059055	8.54	524703	11.52
12	MW-1DD	275200	6.47	992701	8.55	494510	11.52
13	MW-1D	257451	6.48	836442	8.55	383449	11.53
14	MW-5D	263951	6.48	1024147	8.55	503837	11.53
15	FB083106	262786	6.47	1002547	8.54	523999	11.52
16	DUP083106	281231	6.47	1022306	8.55	514601	11.52
17	MW-4D	283920	6.48	1060296	8.55	530322	11.53
18	MW-2DD	298805	6.48	1131743	8.55	573817	11.53
19	FB090106	268298	6.47	1027330	8.55	521363	11.52
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

Column used to flag internal standard area and RT values with an asterisk.
* Values outside of QC limits.

8LCC

LOW CONC. WATER SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab File ID (Standard): PAF020 Date Analyzed: 09/30/06

Instrument ID: P Time Analyzed: 1402

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	632401	13.99	556585	17.69	565792	19.36
	UPPER LIMIT	1264802	14.32	1113170	18.02	1131584	19.69
	LOWER LIMIT	316200	13.66	278292	17.36	282896	19.03
	EPA SAMPLE NO.						
01	D090306LCS	676522	13.99	594195	17.69	582045	19.35
02	MBLK090306D	691114	13.99	605669	17.69	635270	19.35
03	MW-3DD	696752	13.99	643423	17.70	567268	19.35
04	MW-3D	539181	13.99	366166	17.70	281692*	19.36
05	MW-3DMS	531311	14.00	374814	17.70	274006*	19.35
06	MW-3DMSD	550007	14.00	358682	17.70	267361*	19.36
07	FB082906	690556	13.99	562408	17.70	507419	19.36
08	MW-6D	744573	14.00	540379	17.70	437109	19.35
09	FB083006	734418	14.00	627366	17.70	545478	19.35
10	F090506LCS	768284	14.00	615153	17.70	532088	19.35
11	MBLK090506F	760222	13.99	631171	17.70	542963	19.36
12	MW-1DD	683081	14.00	425490	17.70	322437	19.35
13	MW-1D	485770	14.01	213877*	17.71	208787*	19.36
14	MW-5D	658191	14.00	500133	17.69	330751	19.36
15	FB083106	732023	13.99	511443	17.70	372624	19.35
16	DUP083106	723118	14.00	448320	17.70	329777	19.35
17	MW-4D	737977	14.00	418389	17.69	320475	19.36
18	MW-2DD	806096	13.99	442249	17.70	355314	19.35
19	FB090106	732738	14.00	461511	17.70	339718	19.36
20							
21							
22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

Column used to flag internal standard area and RT values with an asterisk.
* Values outside of QC limits.

8LCB

LOW CONC. WATER SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab File ID (Standard): PAF020B Date Analyzed: 10/01/06

Instrument ID: P Time Analyzed: 1239

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	219696	6.43	782590	8.50	404669	11.47
	UPPER LIMIT	439392	6.76	1565180	8.83	809338	11.80
	LOWER LIMIT	109848	6.10	391295	8.17	202334	11.14
	EPA SAMPLE NO.						
01	MW-1DRE	228375	6.42	761528	8.50	340953	11.47
02	MW-2D	239584	6.42	894037	8.50	428841	11.47
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

Column used to flag internal standard area and RT values with an asterisk.
* Values outside of QC limits.

8LCC

LOW CONC. WATER SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab File ID (Standard): PAF020B Date Analyzed: 10/01/06

Instrument ID: P Time Analyzed: 1239

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
	12 HOUR STD	563054	13.95	461123	17.64	451954	19.30
	UPPER LIMIT	1126108	14.28	922246	17.97	903908	19.63
	LOWER LIMIT	281527	13.62	230562	17.31	225977	18.97
	EPA SAMPLE NO.						
01	MW-1DRE	492159	13.95	217660*	17.65	186838*	19.30
02	MW-2D	620607	13.93	304236	17.64	226051	19.30
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

Column used to flag internal standard area and RT values with an asterisk.
* Values outside of QC limits.

SEVERN TRENT STL

OLC02.1

***

SEMI-VOLATILE ORGANIC ANALYSIS

***

SUPPORTIVE DOCUMENTATION

1LCB

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP083106

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681758 Date Received: 09/02/06

Lab File ID: 681758 Date Extracted: 09/05/06

Sample Volume: 850.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
108-95-2	Phenol	6	U
111-44-4	bis(2-Chloroethyl)Ether	6	U
95-57-8	2-Chlorophenol	6	U
108-60-1	2,2'-oxybis(1-Chloropropane)	6	U
95-48-7	2-Methylphenol	6	U
67-72-1	Hexachloroethane	6	U
621-64-7	N-Nitroso-di-n-propylamine	6	U
106-44-5	4-Methylphenol	6	U
98-95-3	Nitrobenzene	6	U
78-59-1	Isophorone	6	U
88-75-5	2-Nitrophenol	6	U
105-67-9	2,4-Dimethylphenol	6	U
111-91-1	bis(2-Chloroethoxy)methane	6	U
120-83-2	2,4-Dichlorophenol	6	U
91-20-3	Naphthalene	6	U
106-47-8	4-Chloroaniline	6	U
87-68-3	Hexachlorobutadiene	6	U
59-50-7	4-Chloro-3-Methylphenol	6	U
91-57-6	2-Methylnaphthalene	6	U
77-47-4	Hexachlorocyclopentadiene	6	U
88-06-2	2,4,6-Trichlorophenol	6	U
95-95-4	2,4,5-Trichlorophenol	24	U
91-58-7	2-Chloronaphthalene	6	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethylphthalate	6	U
208-96-8	Acenaphthylene	6	U
606-20-2	2,6-Dinitrotoluene	6	U
83-32-9	Acenaphthene	6	U
99-09-2	3-Nitroaniline	24	U

1LCC

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP083106

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681758 Date Received: 09/02/06

Lab File ID: 681758 Date Extracted: 09/05/06

Sample Volume: 850.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
51-28-5	2,4-Dinitrophenol	24	U
132-64-9	Dibenzofuran	6	U
100-02-7	4-Nitrophenol	24	U
121-14-2	2,4-Dinitrotoluene	6	U
86-73-7	Fluorene	6	U
84-66-2	Diethylphthalate	6	U
7005-72-3	4-Chlorophenyl-phenylether	6	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine (1)	6	U
101-55-3	4-Bromophenyl-phenylether	6	U
118-74-1	Hexachlorobenzene	6	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	6	U
120-12-7	Anthracene	6	U
84-74-2	Di-n-butylphthalate	6	U
206-44-0	Fluoranthene	6	U
129-00-0	Pyrene	6	U
85-68-7	Butylbenzylphthalate	6	U
56-55-3	Benzo(a)anthracene	6	U
91-94-1	3,3'-Dichlorobenzidine	6	U
218-01-9	Chrysene	6	U
117-81-7	bis(2-Ethylhexyl)phthalate	6	U
117-84-0	Di-n-octylphthalate	6	U
205-99-2	Benzo(b)fluoranthene	6	U
207-08-9	Benzo(k)fluoranthene	6	U
50-32-8	Benzo(a)pyrene	6	U
193-39-5	Indeno(1,2,3-cd)pyrene	6	U
53-70-3	Dibenz(a,h)anthracene	6	U
191-24-2	Benzo(g,h,i)perylene	6	U

(1) - Cannot be separated from Diphenylamine

1LCF

EPA SAMPLE NO.

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

DUP083106

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681758 Date Received: 09/02/06

Lab File ID: 681758 Date Extracted: 09/05/06

Sample Volume: 850.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

Number TICs found: 4

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC. (ug/L)	Q
1.	123-42-2	2-PENTANONE, 4-HYDROXY-4-MET	4.04	22	NJAB
2.		UNKNOWN ALIPHATIC COMPOUND	5.44	23	J
3.		UNKNOWN ALIPHATIC COMPOUND	7.70	35	J
4.	57-10-3	HEXADECANOIC ACID	15.04	10	NJ
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: /chem/P.i/Psvr.p/pafa8270.b/681758.d

Page 1

Date : 30-SEP-2006 22:59

Client ID: DUP083106

Instrument: P.i

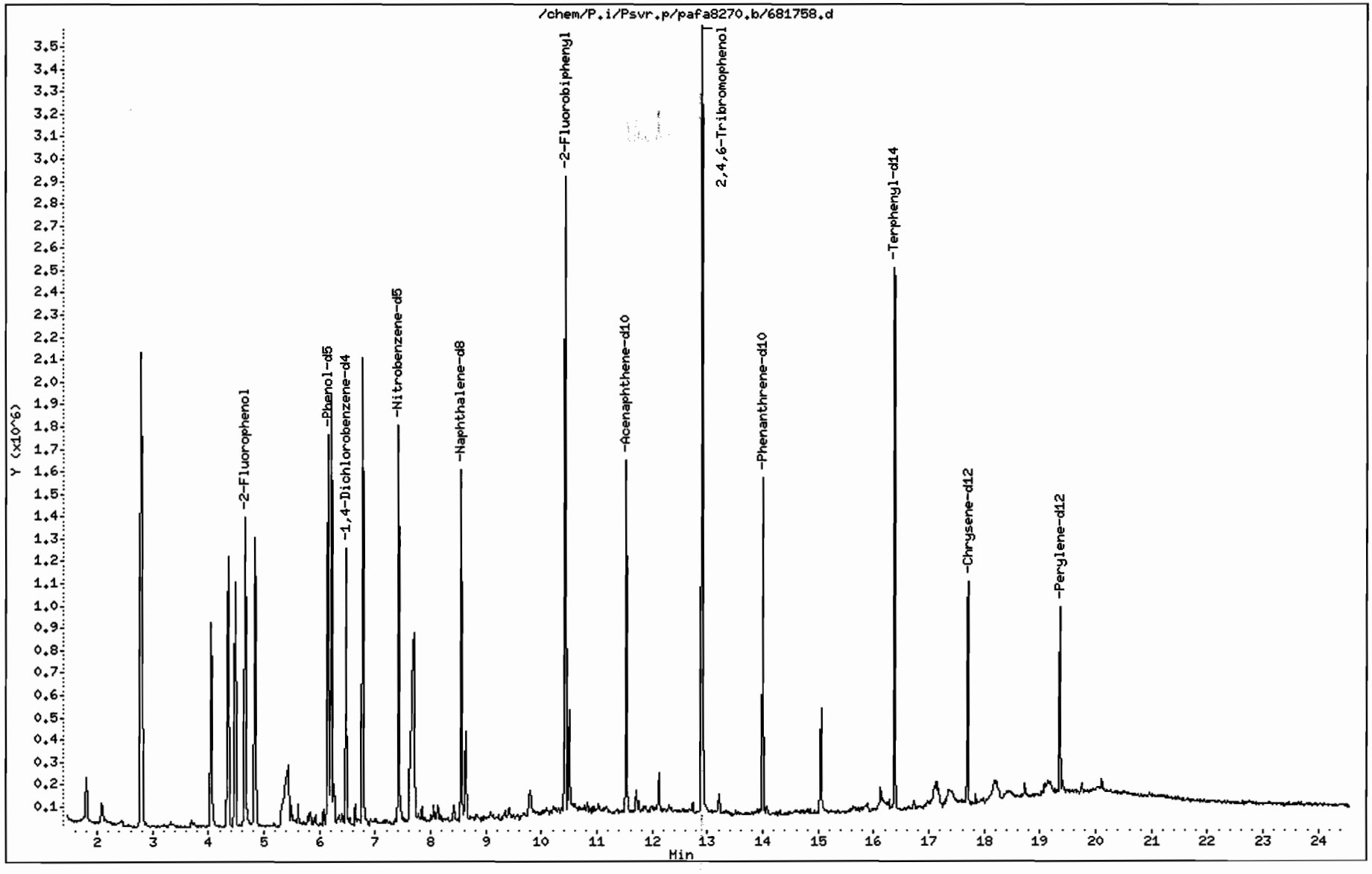
Sample Info: DUP083106 :[ ]08/31/06 @1700(WATER)

Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681758.d
Lab Smp Id: 681758 Client Smp ID: DUP083106
Inj Date : 30-SEP-2006 22:59
Operator : prp Inst ID: P.i
Smp Info : DUP083106 :[ ]08/31/06 @1700(WATER)
Misc Info : 681758,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	850.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
$	2	2-Fluorophenol	112	4.657	4.630	(0.719)	789935	34.8458	41
$	4	Phenol-d5	99	6.145	6.118	(0.949)	1052475	37.9536	45
	5	Phenol	94	Compound Not Detected.					
	6	bis(2-Chloroethyl)Ether	93	Compound Not Detected.					
	8	2-Chlorophenol	128	Compound Not Detected.					
*	10	1,4-Dichlorobenzene-d4	152	6.474	6.467	(1.000)	281231	20.0000	
	15	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	16	2-Methylphenol	108	Compound Not Detected.					
	17	Hexachloroethane	116	Compound Not Detected.					
	18	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	19	4-Methylphenol	108	Compound Not Detected.					
$	20	Nitrobenzene-d5	82	7.418	7.401	(0.868)	835998	37.7341	44
	21	Nitrobenzene	77	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	22 Isophorone	82	Compound Not Detected.					
	23 2-Nitrophenol	139	Compound Not Detected.					
	24 2,4-Dimethylphenol	107	Compound Not Detected.					
	25 bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	26 2,4-Dichlorophenol	162	Compound Not Detected.					
*	29 Naphthalene-d8	136	8.547	8.530	(1.000)	1022306	20.0000	
	30 Naphthalene	128	Compound Not Detected.					
	31 4-Chloroaniline	127	Compound Not Detected.					
	32 Hexachlorobutadiene	224	Compound Not Detected.					
	33 4-Chloro-3-Methylphenol	107	Compound Not Detected.					
	34 2-Methylnaphthalene	142	Compound Not Detected.					
	35 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	36 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	37 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	38 2-Fluorobiphenyl	172	10.425	10.418	(0.905)	1249870	34.3694	40
	39 2-Chloronaphthalene	162	Compound Not Detected.					
	40 2-Nitroaniline	65	Compound Not Detected.					
	42 Acenaphthylene	152	Compound Not Detected.					
	41 Dimethylphthalate	163	Compound Not Detected.					
	43 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	44 Acenaphthene-d10	164	11.523	11.516	(1.000)	514601	20.0000	
	45 Acenaphthene	153	Compound Not Detected.					
	46 3-Nitroaniline	138	Compound Not Detected.					
	47 2,4-Dinitrophenol	184	Compound Not Detected.					
	48 Dibenzofuran	168	Compound Not Detected.					
	49 4-Nitrophenol	109	Compound Not Detected.					
	50 2,4-Dinitrotoluene	165	Compound Not Detected.					
	51 Fluorene	166	Compound Not Detected.					
	52 Diethylphthalate	149	Compound Not Detected.					
	53 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	54 4-Nitroaniline	138	Compound Not Detected.					
	55 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	56 N-nitrosodiphenylamine	169	Compound Not Detected.					
$	57 2,4,6-Tribromophenol	330	12.909	12.892	(0.922)	642090	113.958	130(A)
	58 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	59 Hexachlorobenzene	283	Compound Not Detected.					
	60 Pentachlorophenol	265	Compound Not Detected.					
*	61 Phenanthrene-d10	188	13.997	13.990	(1.000)	723118	20.0000	
	62 Phenanthrene	178	Compound Not Detected.					
	63 Anthracene	178	Compound Not Detected.					
	65 Di-n-butylphthalate	149	Compound Not Detected.					
	66 Fluoranthene	202	Compound Not Detected.					
	67 Pyrene	202	Compound Not Detected.					
$	68 Terphenyl-d14	244	16.378	16.361	(0.925)	1101476	44.9411	53
	69 Butylbenzylphthalate	149	Compound Not Detected.					
	70 Benzo(a)anthracene	228	Compound Not Detected.					
*	71 Chrysene-d12	240	17.702	17.695	(1.000)	448320	20.0000	
	72 3,3'-Dichlorobenzidine	252	Compound Not Detected.					

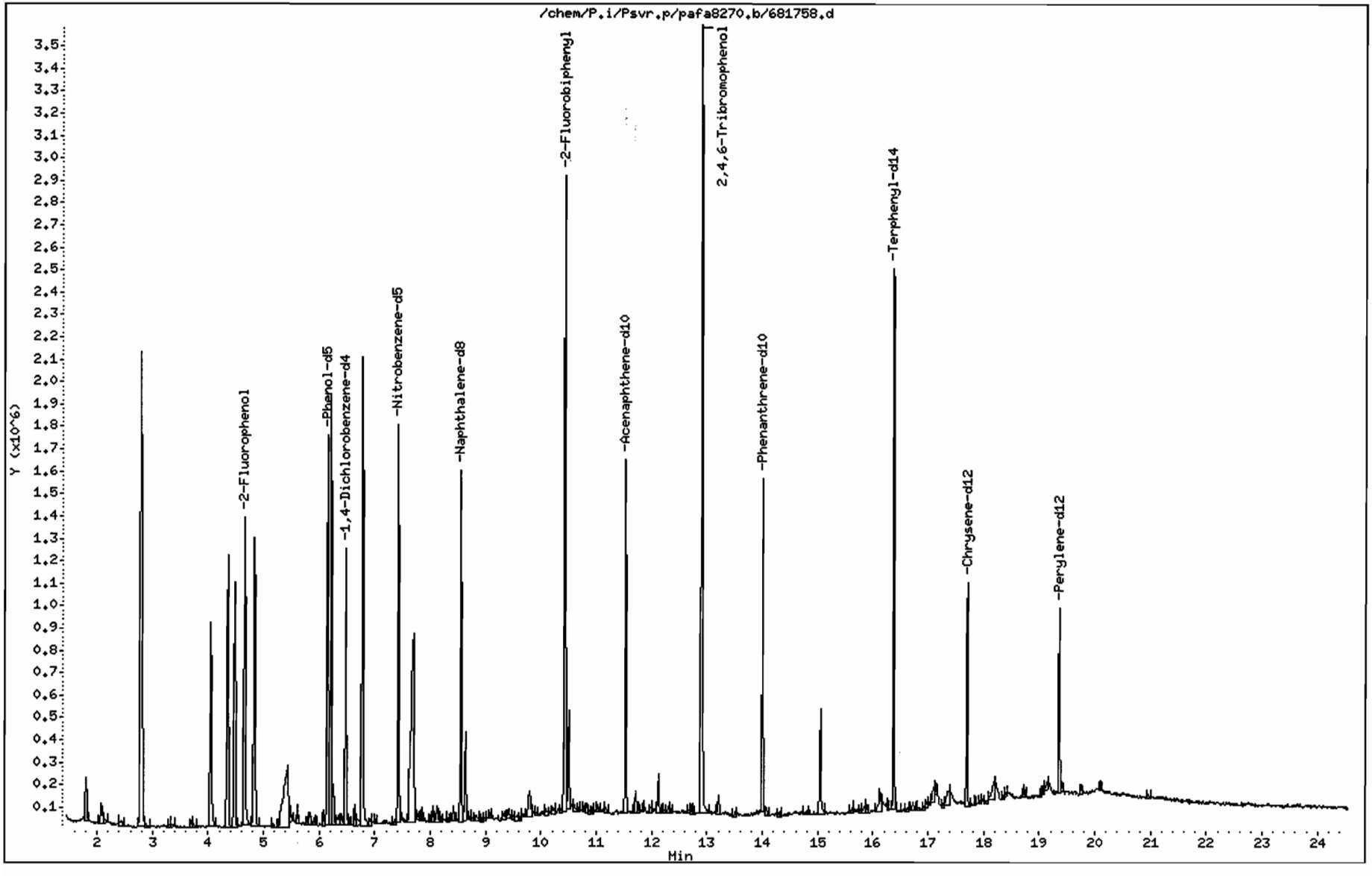
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
73	Chrysene	228	Compound Not Detected.					
74	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
75	Di-n-octylphthalate	149	Compound Not Detected.					
76	Benzo(b)fluoranthene	252	Compound Not Detected.					
77	Benzo(k)fluoranthene	252	Compound Not Detected.					
78	Benzo(a)pyrene	252	Compound Not Detected.					
* 79	Perylene-d12	264	19.354	19.357	(1.000)	329777	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
81	Dibenz(a,h)anthracene	278	Compound Not Detected.					
82	Benzo(g,h,i)perylene	276	Compound Not Detected.					

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/P.i/Psvr.p/pafa8270.b/681758.d
Date : 30-SEP-2006 22:59
Client ID: DUP083106
Sample Info: DUP083106 :[ ]08/31/06 @1700(WATER)
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: prp
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681758.d
Lab Smp Id: 681758 Client Smp ID: DUP083106
Inj Date : 30-SEP-2006 22:59
Operator : prp Inst ID: P.i
Smp Info : DUP083106 :[ ]08/31/06 @1700(WATER)
Misc Info : 681758,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	850.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 10 1,4-Dichlorobenzene-d4	6.474	1699099	20.000
* 29 Naphthalene-d8	8.547	2172685	20.000
* 61 Phenanthrene-d10	13.997	1953334	20.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
2-Pentanone, 4-hydroxy-4-methyl-			CAS #: 123-42-2				
4.041	1575316	18.5429432	22	50	NBS75K.l	64274	10

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown aliphatic compound				CAS #:			
5.437	1678434	19.7567426	23	0		0	10
Unknown aliphatic compound				CAS #:			
7.695	3217344	29.6162911	35	0		0	29
Hexadecanoic acid				CAS #: 57-10-3			
15.043	799016	8.18104473	10	96	NBS75K.l	71608	61(L)

QC Flag Legend

L - Operator selected an alternate library search match.

STL Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: P.i
Lab File ID: 681758.d
Lab Smp Id: 681758
Analysis Type: SV
Quant Type: ISTD
Operator: prp
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681758,0188_MBLK090506F,1

Calibration Date: 30-SEP-2006
Calibration Time: 14:02
Client Smp ID: DUP083106
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	234993	117496	469986	281231	19.68
29 Naphthalene-d8	864971	432486	1729942	1022306	18.19
44 Acenaphthene-d10	443503	221752	887006	514601	16.03
61 Phenanthrene-d10	632401	316200	1264802	723118	14.34
71 Chrysene-d12	556585	278292	1113170	448320	-19.45
79 Perylene-d12	565792	282896	1131584	329777	-41.71

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	6.47	6.14	6.80	6.47	0.10
29 Naphthalene-d8	8.53	8.20	8.86	8.55	0.20
44 Acenaphthene-d10	11.52	11.19	11.85	11.52	0.06
61 Phenanthrene-d10	13.99	13.66	14.32	14.00	0.05
71 Chrysene-d12	17.69	17.36	18.02	17.70	0.04
79 Perylene-d12	19.36	19.03	19.69	19.35	-0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

STL Burlington

RECOVERY REPORT

Client Name: STLCTS
Client SDG: 213609
Sample Matrix: LIQUID
Fraction: SV
Lab Smp Id: 681758
Client Smp ID: DUP083106
Level: LOW
Operator: prp
Data Type: MS DATA
SampleType: SAMPLE
SpikeList File: OLClcs.spk
Quant Type: ISTD
Sublist File: OLC.sub
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681758,0188_MBLK090506F,1

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 2 2-Fluorophenol	47	41	87.11	15-121
$ 4 Phenol-d5	47	45	94.88	15-115
$ 20 Nitrobenzene-d5	47	44	94.34	23-120
$ 38 2-Fluorobiphenyl	47	40	85.92	30-115
$ 57 2,4,6-Tribromophen	140	130	94.97	15-130
$ 68 Terphenyl-d14	47	53	112.35	18-140

Data File: /chem/P.i/Psvr.p/pafa8270.b/681758.d

Date : 30-SEP-2006 22:59

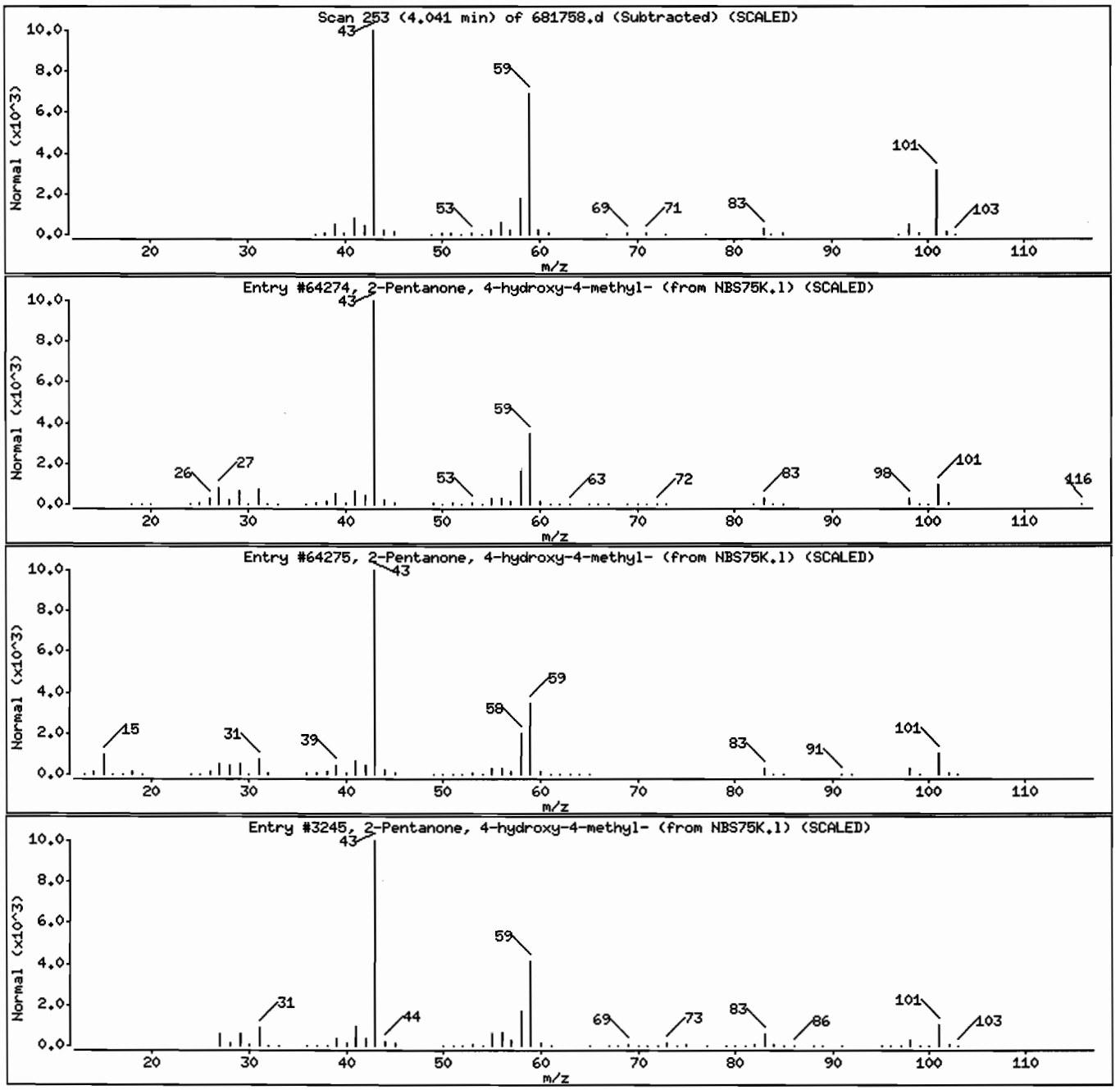
Client ID: DUP083106 Instrument: P.i

Sample Info: DUP083106 :[ ]08/31/06 @1700(WATER)

Volume Injected (uL): 1.0 Operator: prp

Column phase: RTx-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64274	50	C6H1202	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64275	39	C6H1202	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	3245	33	C6H1202	116



Data File: /chem/P.i/Psvr.p/pafa8270.b/681758.d

Date : 30-SEP-2006 22:59

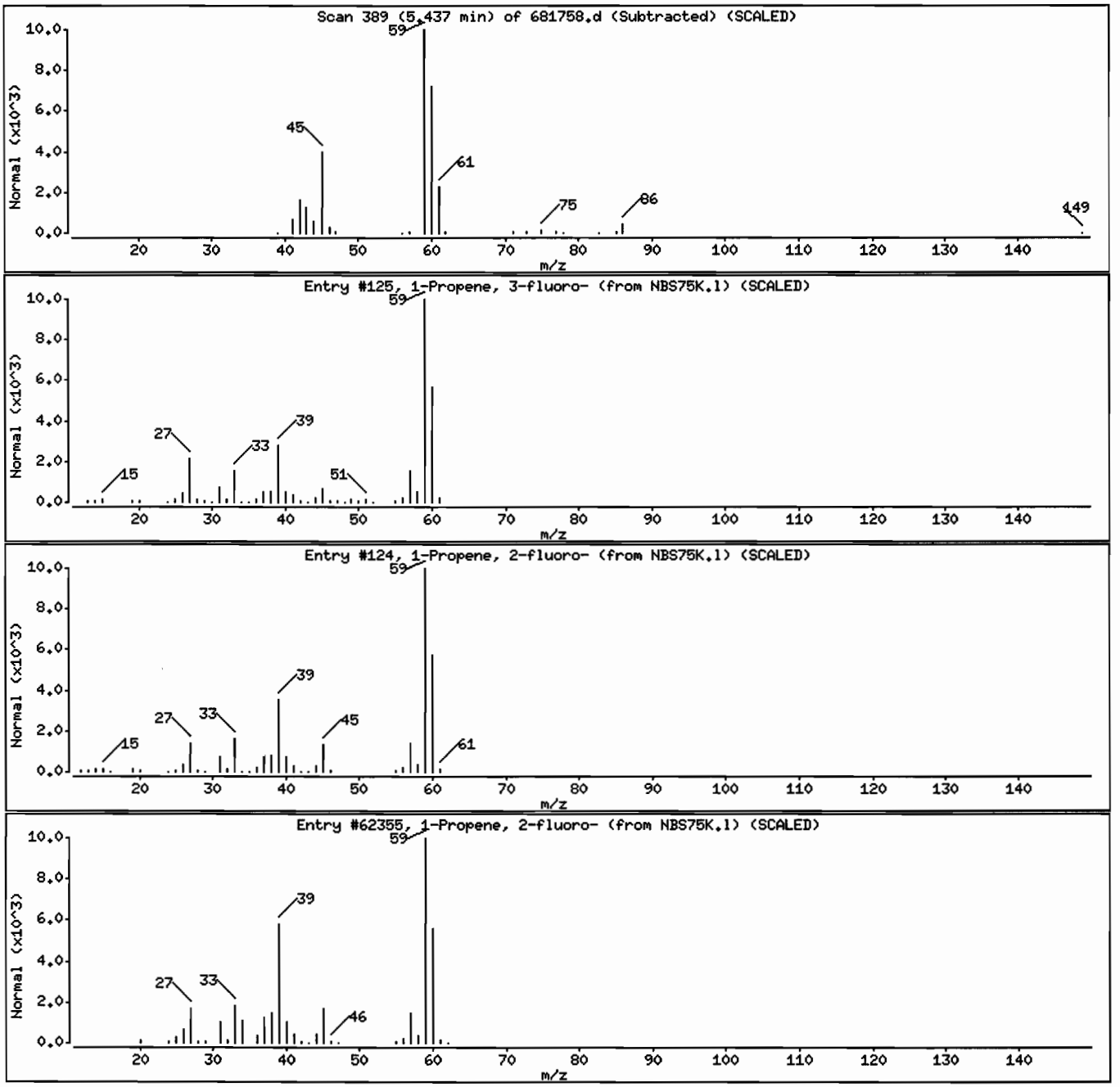
Client ID: DUP083106 Instrument: P.i

Sample Info: DUP083106 :[ ]08/31/06 @1700(WATER)

Volume Injected (uL): 1.0 Operator: prp

Column phase: RTx-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown aliphatic compound						
1-Propene, 3-fluoro-	818-92-8	NBS75K.l	125	9	C3H5F	60
1-Propene, 2-fluoro-	1184-60-7	NBS75K.l	124	9	C3H5F	60
1-Propene, 2-fluoro-	1184-60-7	NBS75K.l	62355	9	C3H5F	60



Data File: /chem/P.i/Psvr.p/pafa8270.b/681758.d

Date : 30-SEP-2006 22:59

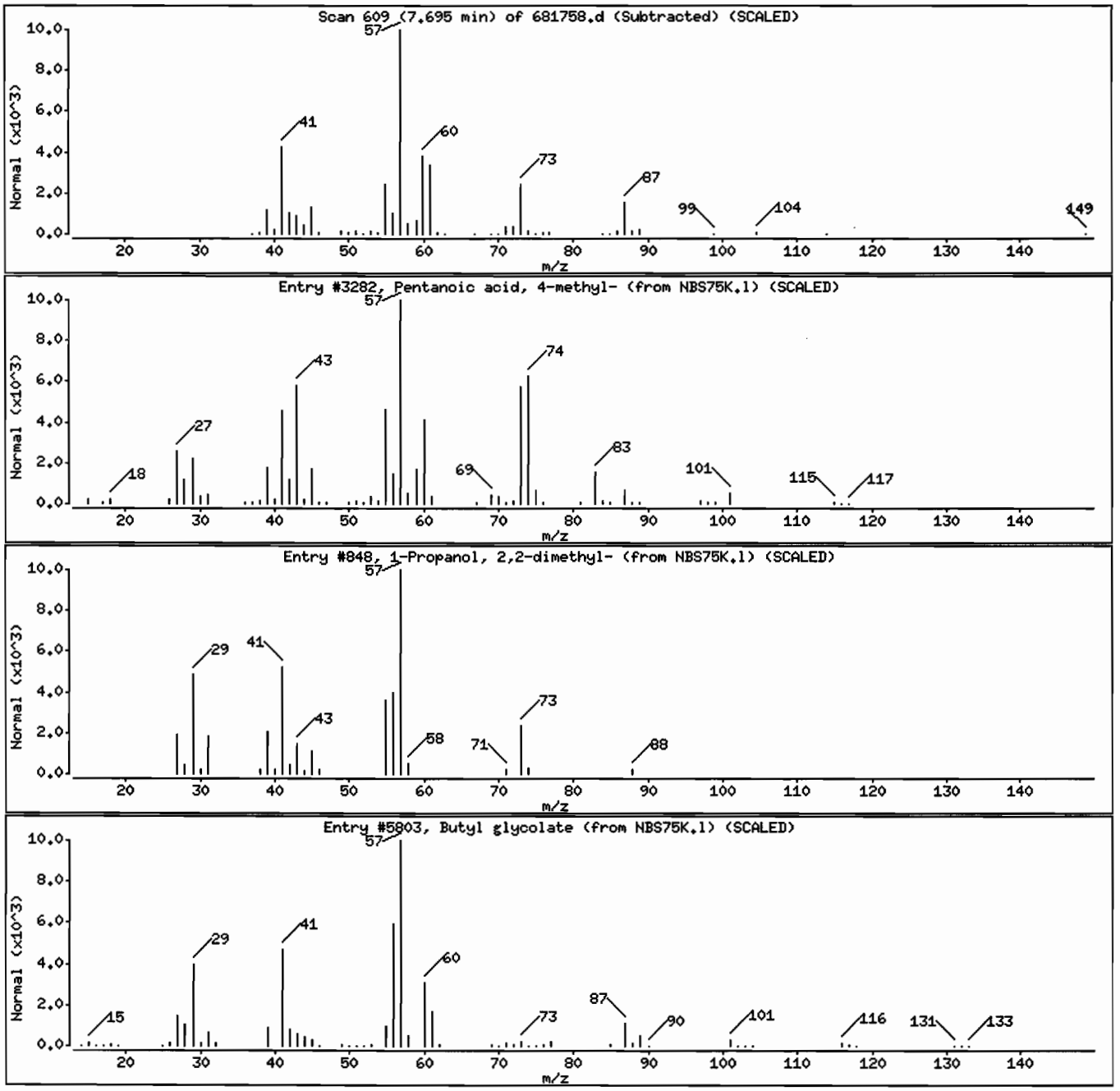
Client ID: DUP083106 Instrument: P.i

Sample Info: DUP083106 :[ ]08/31/06 @1700(WATER)

Volume Injected (uL): 1.0 Operator: prp

Column phase: RTx-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown aliphatic compound						
Pentanoic acid, 4-methyl-	646-07-1	NBS75K.1	3282	28	C6H12O2	116
1-Propanol, 2,2-dimethyl-	75-84-3	NBS75K.1	848	27	C5H12O	88
Butyl glycolate	7397-62-8	NBS75K.1	5803	23	C6H12O3	132



Data File: /chem/P.i/Psvr.p/pafa8270.b/681758.d

Date : 30-SEP-2006 22:59

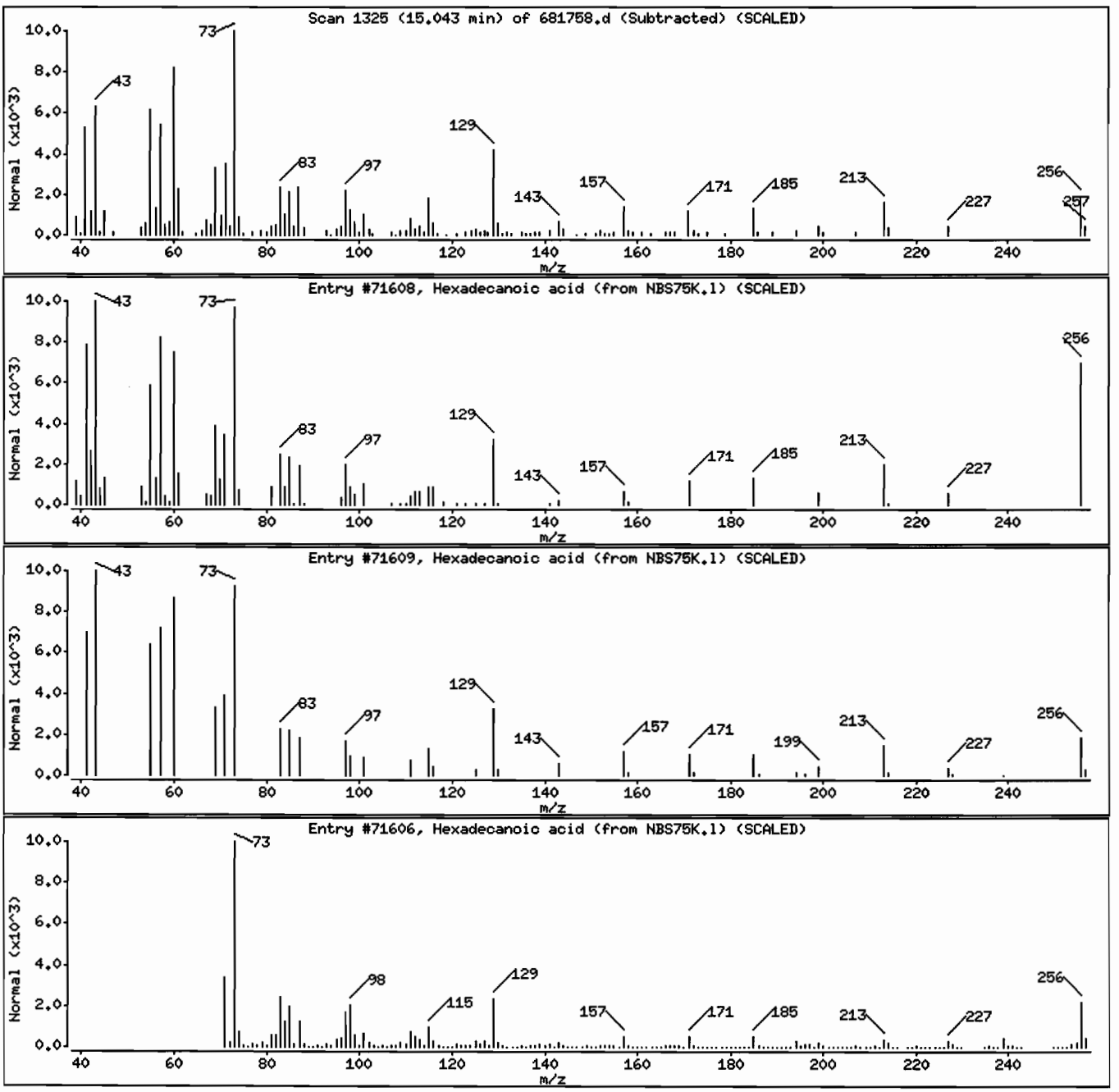
Client ID: DUP083106 Instrument: P.i

Sample Info: DUP083106 :[ ]08/31/06 @1700(WATER)

Volume Injected (uL): 1.0 Operator: prp

Column phase: RTx-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexadecanoic acid	57-10-3	NBS75K.l	71608	96	C16H3202	256
Hexadecanoic acid	57-10-3	NBS75K.l	71609	95	C16H3202	256
Hexadecanoic acid	57-10-3	NBS75K.l	71606	90	C16H3202	256



1LCB

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1D

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681755 Date Received: 09/02/06

Lab File ID: 681755 Date Extracted: 09/05/06

Sample Volume: 890.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
108-95-2	Phenol	6	U
111-44-4	bis(2-Chloroethyl)Ether	6	U
95-57-8	2-Chlorophenol	6	U
108-60-1	2,2'-oxybis(1-Chloropropane)	6	U
95-48-7	2-Methylphenol	5	J
67-72-1	Hexachloroethane	6	U
621-64-7	N-Nitroso-di-n-propylamine	6	U
106-44-5	4-Methylphenol	10	
98-95-3	Nitrobenzene	6	U
78-59-1	Isophorone	6	U
88-75-5	2-Nitrophenol	6	U
105-67-9	2,4-Dimethylphenol	3	J
111-91-1	bis(2-Chloroethoxy)methane	6	U
120-83-2	2,4-Dichlorophenol	6	U
91-20-3	Naphthalene	6	
106-47-8	4-Chloroaniline	6	U
87-68-3	Hexachlorobutadiene	6	U
59-50-7	4-Chloro-3-Methylphenol	6	U
91-57-6	2-Methylnaphthalene	2	J
77-47-4	Hexachlorocyclopentadiene	6	U
88-06-2	2,4,6-Trichlorophenol	6	U
95-95-4	2,4,5-Trichlorophenol	22	U
91-58-7	2-Chloronaphthalene	6	U
88-74-4	2-Nitroaniline	22	U
131-11-3	Dimethylphthalate	6	U
208-96-8	Acenaphthylene	6	U
606-20-2	2,6-Dinitrotoluene	6	U
83-32-9	Acenaphthene	3	J
99-09-2	3-Nitroaniline	22	U

1LCC

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1D

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681755 Date Received: 09/02/06

Lab File ID: 681755 Date Extracted: 09/05/06

Sample Volume: 890.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
51-28-5	2,4-Dinitrophenol	22	U
132-64-9	Dibenzofuran	6	U
100-02-7	4-Nitrophenol	22	U
121-14-2	2,4-Dinitrotoluene	6	U
86-73-7	Fluorene	2	J
84-66-2	Diethylphthalate	6	U
7005-72-3	4-Chlorophenyl-phenylether	6	U
100-01-6	4-Nitroaniline	22	U
534-52-1	4,6-Dinitro-2-methylphenol	22	U
86-30-6	N-nitrosodiphenylamine (1)	6	U
101-55-3	4-Bromophenyl-phenylether	6	U
118-74-1	Hexachlorobenzene	6	U
87-86-5	Pentachlorophenol	22	U
85-01-8	Phenanthrene	1	J
120-12-7	Anthracene	6	U
84-74-2	Di-n-butylphthalate	6	U
206-44-0	Fluoranthene	6	U
129-00-0	Pyrene	6	U
85-68-7	Butylbenzylphthalate	6	U
56-55-3	Benzo(a)anthracene	6	U
91-94-1	3,3'-Dichlorobenzidine	6	U
218-01-9	Chrysene	6	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	J
117-84-0	Di-n-octylphthalate	6	U
205-99-2	Benzo(b)fluoranthene	6	U
207-08-9	Benzo(k)fluoranthene	6	U
50-32-8	Benzo(a)pyrene	6	U
193-39-5	Indeno(1,2,3-cd)pyrene	6	U
53-70-3	Dibenz(a,h)anthracene	6	U
191-24-2	Benzo(g,h,i)perylene	6	U

(1) - Cannot be separated from Diphenylamine

1LCF

EPA SAMPLE NO.

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW-1D

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681755 Date Received: 09/02/06

Lab File ID: 681755 Date Extracted: 09/05/06

Sample Volume: 890.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

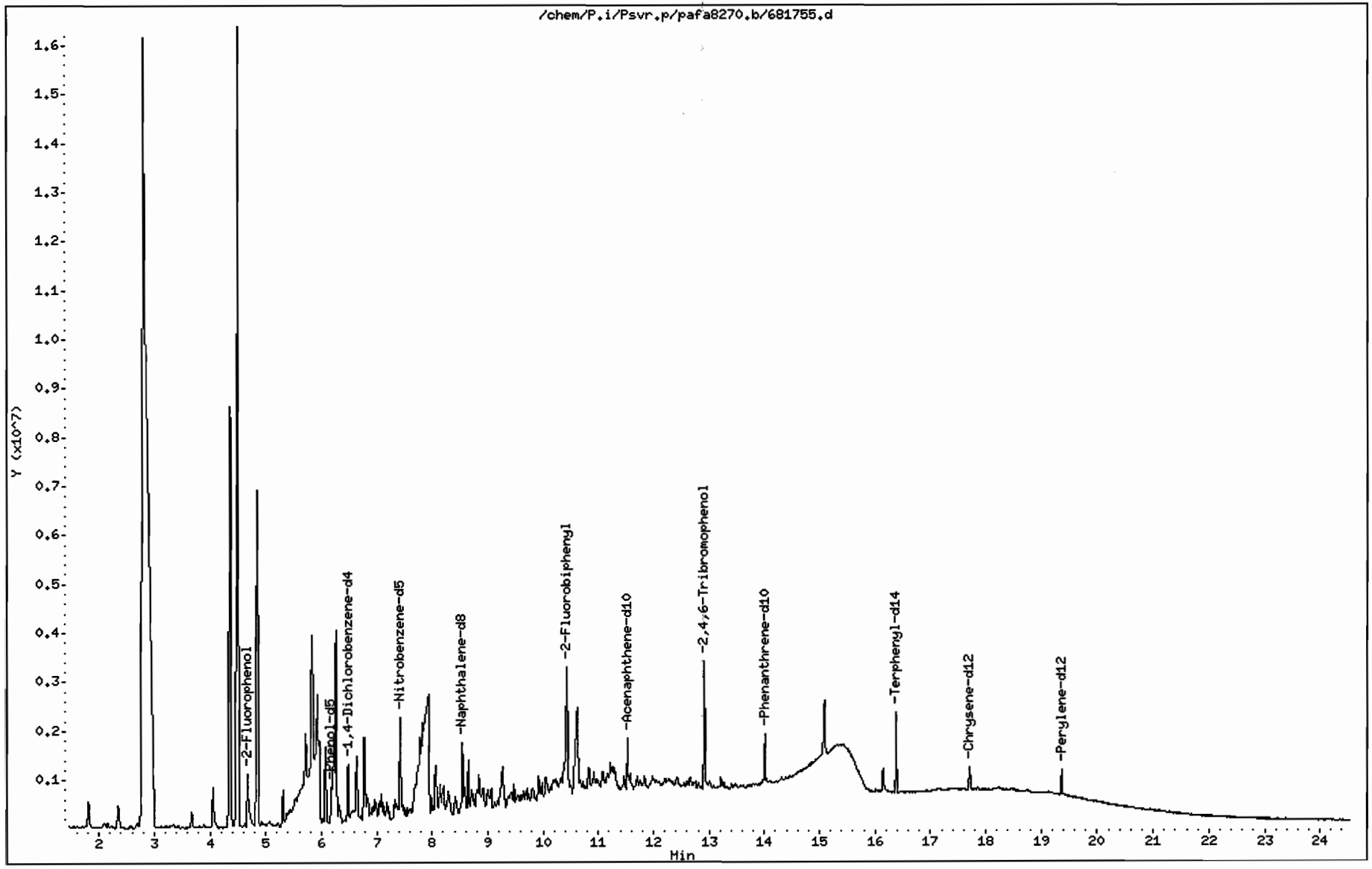
Injection Volume: 1 (uL)

Number TICs found: 26

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC. (ug/L)	Q
1.	123-42-2	2-PENTANONE, 4-HYDROXY-4-MET	4.05	23	NJAB
2.	98-82-8	BENZENE, (1-METHYLETHYL)-	5.30	14	NJ
3.		UNKNOWN ALIPHATIC COMPOUND	5.67	19	J
4.	103-65-1	BENZENE, PROPYL-	5.71	19	NJ
5.	620-14-4	BENZENE, 1-ETHYL-3-METHYL-	5.83	83	NJ
6.	108-67-8	BENZENE, 1,3,5-TRIMETHYL-	5.93	30	NJ
7.		UNKNOWN ALIPHATIC COMPOUND	5.97	36	J
8.	611-14-3	BENZENE, 1-ETHYL-2-METHYL-	6.07	27	NJ
9.	526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.27	80	NJ
10.	95-36-3	1,2,4-TRIMETHYLBENZENE	6.64	23	NJ
11.		UNKNOWN	6.84	12	J
12.	105-05-5	BENZENE, 1,4-DIETHYL-	6.97	13	NJ
13.	93-53-8	BENZENEACETALDEHYDE, .ALPHA.	7.19	12	NJ
14.		UNKNOWN ALIPHATIC COMPOUND	7.94	260	J
15.	38651-65-9	BICYCLO[3.1.1]HEPTAN-2-ONE,	8.06	24	NJ
16.	464-49-3	BICYCLO[2.2.1]HEPTAN-2-ONE,	8.15	13	NJ
17.	934-74-7	BENZENE, 1-ETHYL-3,5-DIMETHY	8.21	16	NJ
18.		UNKNOWN	8.65	13	J
19.		UNKNOWN	9.26	20	J
20.		UNKNOWN	10.04	17	J
21.		UNKNOWN	10.62	89	J
22.		UNKNOWN ALIPHATIC COMPOUND	11.08	13	J
23.		UNKNOWN AROMATIC COMPOUND	11.21	16	J
24.		UNKNOWN AROMATIC COMPOUND	11.30	20	J
25.	57-10-3	HEXADECANOIC ACID	15.09	38	NJ
26.	57-11-4	OCTADECANOIC ACID	16.15	26	NJ
27.					
28.					
29.					
30.					

Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d
Date : 30-SEP-2006 21:19
Client ID: MW-1D
Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: prp
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafb8270.b/681755.d
Lab Smp Id: 681755R1 Client Smp ID: MW-1DRE
Inj Date : 01-OCT-2006 13:12
Operator : djb Inst ID: P.i
Smp Info : MW-1D :[ ]08/31/06 @1230(WATER)
Misc Info : 681755,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafb8270.b/colc02.m
Meth Date : 02-Oct-2006 14:15 je Quant Type: ISTD
Cal Date : 01-OCT-2006 12:39 Cal File: paf020b.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	890.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
$	2 2-Fluorophenol	112	4.617	4.588	(0.719)	599770	34.6462	39
$	4 Phenol-d5	99	6.146	6.087	(0.957)	770438	37.6335	42
	5 Phenol	94	Compound Not Detected.					
	6 bis(2-Chloroethyl)Ether	93	Compound Not Detected.					
	8 2-Chlorophenol	128	Compound Not Detected.					
*	10 1,4-Dichlorobenzene-d4	152	6.423	6.425	(1.000)	228375	20.0000	
	15 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	16 2-Methylphenol	108	7.059	7.020	(1.099)	68311	4.36801	5(a)
	17 Hexachloroethane	116	Compound Not Detected.					
	18 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	19 4-Methylphenol	108	7.316	7.267	(1.139)	127066	7.67096	9
$	20 Nitrobenzene-d5	82	7.367	7.369	(0.867)	615379	39.1757	44
	21 Nitrobenzene	77	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	22 Isophorone	82	Compound Not Detected.					
	23 2-Nitrophenol	139	Compound Not Detected.					
	24 2,4-Dimethylphenol	107	8.137	8.098	(0.958)	45932	3.03645	3(aQM)
	25 bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	26 2,4-Dichlorophenol	162	Compound Not Detected.					
*	29 Naphthalene-d8	136	8.496	8.498	(1.000)	761528	20.0000	
	30 Naphthalene	128	8.527	8.529	(1.004)	205689	4.98638	6
	31 4-Chloroaniline	127	Compound Not Detected.					
	32 Hexachlorobutadiene	224	Compound Not Detected.					
	33 4-Chloro-3-Methylphenol	107	Compound Not Detected.					
	34 2-Methylnaphthalene	142	9.697	9.699	(1.141)	47250	2.02206	2(a)
	35 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	36 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	37 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	38 2-Fluorobiphenyl	172	10.374	10.376	(0.904)	792213	36.3372	41
	39 2-Chloronaphthalene	162	Compound Not Detected.					
	40 2-Nitroaniline	65	Compound Not Detected.					
	42 Acenaphthylene	152	Compound Not Detected.					
	41 Dimethylphthalate	163	Compound Not Detected.					
	43 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	44 Acenaphthene-d10	164	11.472	11.475	(1.000)	340953	20.0000	
	45 Acenaphthene	153	11.524	11.526	(1.004)	54405	3.12489	4(a)
	46 3-Nitroaniline	138	Compound Not Detected.					
	47 2,4-Dinitrophenol	184	Compound Not Detected.					
	48 Dibenzofuran	168	Compound Not Detected.					
	49 4-Nitrophenol	109	Compound Not Detected.					
	50 2,4-Dinitrotoluene	165	Compound Not Detected.					
	51 Fluorene	166	12.386	12.378	(1.080)	33405	1.47100	2(aM)
	52 Diethylphthalate	149	Compound Not Detected.					
	53 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	54 4-Nitroaniline	138	Compound Not Detected.					
	55 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	56 N-nitrosodiphenylamine	169	Compound Not Detected.					
$	57 2,4,6-Tribromophenol	330	12.858	12.850	(0.922)	480260	114.639	130(A)
	58 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	59 Hexachlorobenzene	283	Compound Not Detected.					
	60 Pentachlorophenol	265	Compound Not Detected.					
*	61 Phenanthrene-d10	188	13.946	13.948	(1.000)	492159	20.0000	
	62 Phenanthrene	178	13.977	13.979	(1.002)	32021	1.01918	1(a)
	63 Anthracene	178	Compound Not Detected.					
	65 Di-n-butylphthalate	149	Compound Not Detected.					
	66 Fluoranthene	202	Compound Not Detected.					
	67 Pyrene	202	Compound Not Detected.					
$	68 Terphenyl-d14	244	16.327	16.319	(0.925)	606101	51.3406	58
	69 Butylbenzylphthalate	149	Compound Not Detected.					
	70 Benzo(a)anthracene	228	Compound Not Detected.					
*	71 Chrysene-d12	240	17.651	17.643	(1.000)	217660	20.0000	
	72 3,3'-Dichlorobenzidine	252	Compound Not Detected.					

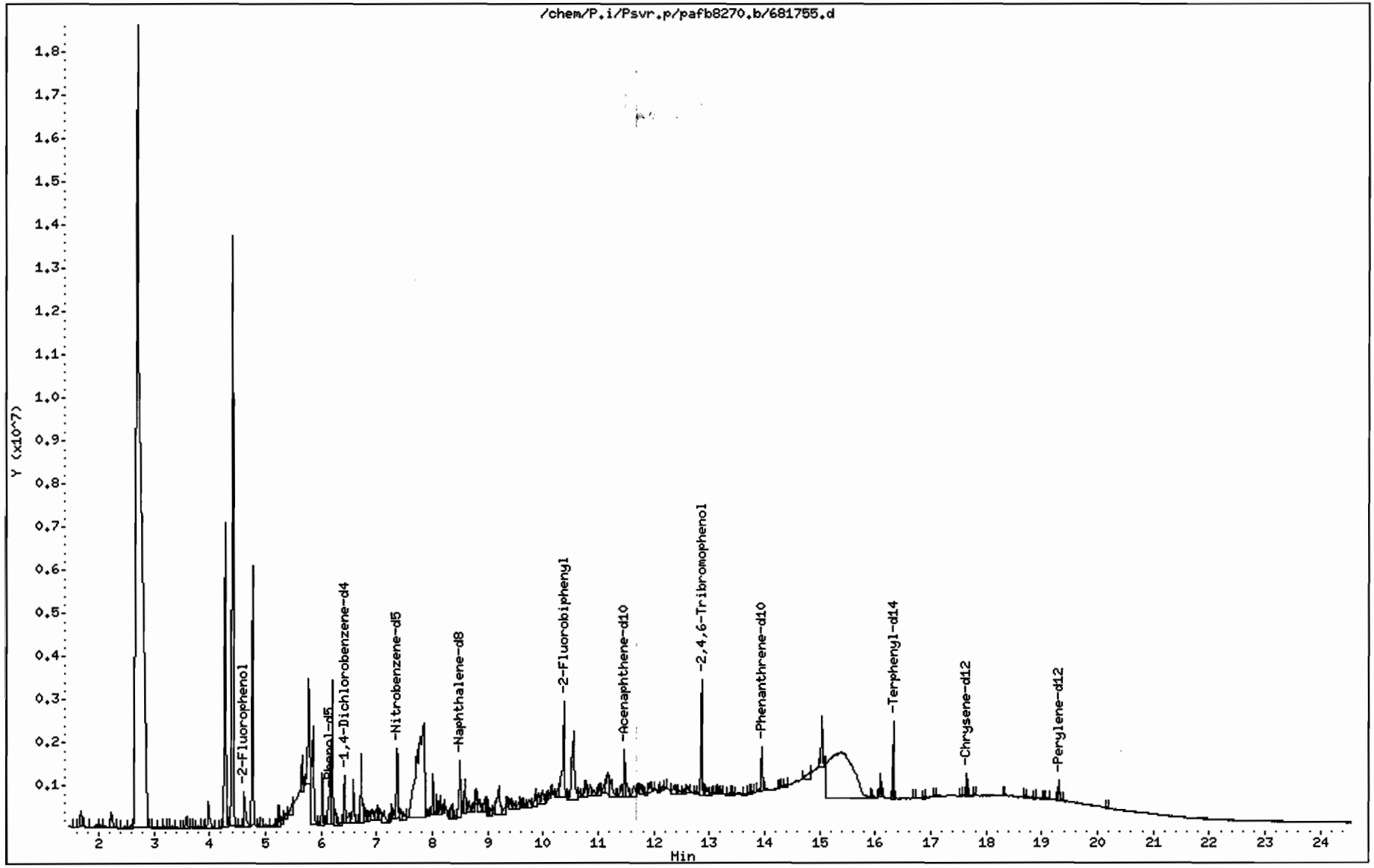
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
73	Chrysene	228	Compound Not Detected.					
74	bis(2-Ethylhexyl)phthalate	149	17.805	17.797	(1.009)	17583	1.63074	2(a)
75	Di-n-octylphthalate	149	Compound Not Detected.					
76	Benzo(b)fluoranthene	252	Compound Not Detected.					
77	Benzo(k)fluoranthene	252	Compound Not Detected.					
78	Benzo(a)pyrene	252	Compound Not Detected.					
* 79	Perylene-d12	264	19.303	19.295	(1.000)	186838	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
81	Dibenz(a,h)anthracene	278	Compound Not Detected.					
82	Benzo(g,h,i)perylene	276	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d
Date : 01-OCT-2006 13:12
Client ID: MW-1DRE
Sample Info: MW-1D :[J08/31/06 @1230(WATER)
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: djb
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafb8270.b/681755.d
Lab Smp Id: 681755R1 Client Smp ID: MW-1DRE
Inj Date : 01-OCT-2006 13:12
Operator : djb Inst ID: P.i
Smp Info : MW-1D :[ ]08/31/06 @1230(WATER)
Misc Info : 681755,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafb8270.b/colc02.m
Meth Date : 02-Oct-2006 14:15 je Quant Type: ISTD
Cal Date : 01-OCT-2006 12:39 Cal File: paf020b.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	890.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 10 1,4-Dichlorobenzene-d4	6.423	1612384	20.000
* 29 Naphthalene-d8	8.496	2294932	20.000
* 44 Acenaphthene-d10	11.472	1464020	20.000
* 61 Phenanthrene-d10	13.946	1360553	20.000
* 71 Chrysene-d12	17.651	672888	20.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/L)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
2-Pentanone, 4-hydroxy-4-methyl-				CAS #: 123-42-2			
3.980	1512691	18.7634025	21	50	NBS75K.l	64274	10
Benzene, (1-methylethyl)-				CAS #: 98-82-8			
5.232	846580	10.5009660	12	95	NBS75K.l	64554	10
Unknown aliphatic compound				CAS #:			
5.479	861288	10.6834065	12	0		0	10
Benzene, propyl-				CAS #: 103-65-1			
5.653	1434228	17.7901492	20	91	NBS75K.l	64584	10
Benzene, 1-ethyl-2-methyl-				CAS #: 611-14-3			
5.766	5789681	71.8151295	81	95	NBS75K.l	3765	10
1,2,4-Trimethylbenzene				CAS #: 95-36-3			
5.858	6105911	75.7376401	85	90	NBS75K.l	3771	10
Benzene, 1-ethyl-2-methyl-				CAS #: 611-14-3			
6.012	1803785	22.3741293	25	95	NBS75K.l	64557	10
Benzene, 1,2,3-trimethyl-				CAS #: 526-73-8			
6.207	5303271	65.7817144	74	95	NBS75K.l	64576	10
Benzene, 1,2,3-trimethyl-				CAS #: 526-73-8			
6.587	1974408	24.4905316	28	95	NBS75K.l	64574	10
Benzeneacetaldehyde, .alpha.-methyl-				CAS #: 93-53-8			
7.131	884683	10.9735992	12	72	NBS75K.l	65511	10
Unknown aliphatic compound				CAS #:			
7.850	20550780	179.097051	200	0		0	29
Bicyclo[3.1.1]heptan-2-one, 6,6-dimethyl				CAS #: 38651-65-9			
8.003	1184348	10.3214190	12	95	NBS75K.l	6957	29
Unknown aliphatic compound				CAS #:			
9.204	2523997	21.9962677	25	0		0	29
Unknown				CAS #:			
10.559	5783275	79.0053809	89	0		0	44
Naphthalene, 2,3-dimethyl-				CAS #: 581-40-8			
10.764	1084834	14.8199313	17	56	NBS75K.l	67332	44

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown aromatic compound				CAS #:			
11.164	1712889	23.3997919	26	0		0	44
Unknown aromatic compound				CAS #:			
11.236	1432956	19.5756301	22	0		0	44
Unknown aromatic compound				CAS #:			
11.411	747139	10.2066670	11	0		0	44
Unknown aromatic compound				CAS #:			
11.647	825976	11.2836701	13	0		0	44
Hexadecanoic acid				CAS #: 57-10-3			
15.044	2362234	34.7245918	39	98	NBS75K.l	71607	61
Sulfur, mol. (S8)				CAS #: 10544-50-0			
15.372	34060405	500.684425	560	78	NBS75K.l	71623	61(ML)
Octadecanoic acid				CAS #: 57-11-4			
16.101	783686	23.2931862	26	95	NBS75K.l	40188	71

QC Flag Legend

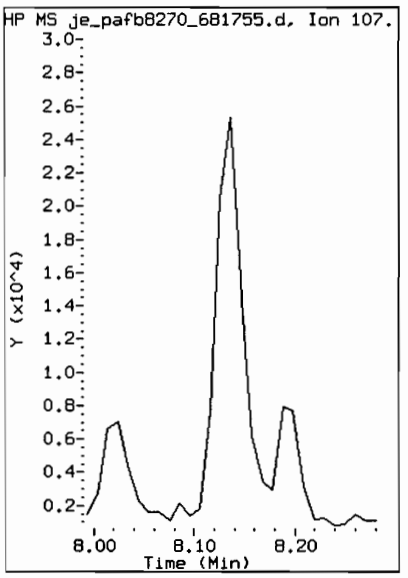
M - Compound response manually integrated.
L - Operator selected an alternate library search match.

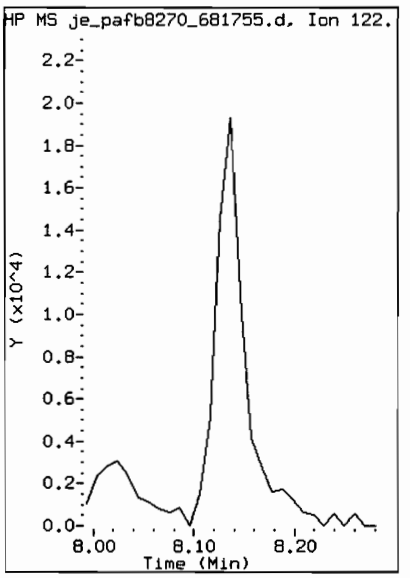
MANUAL INTEGRATION REPORT

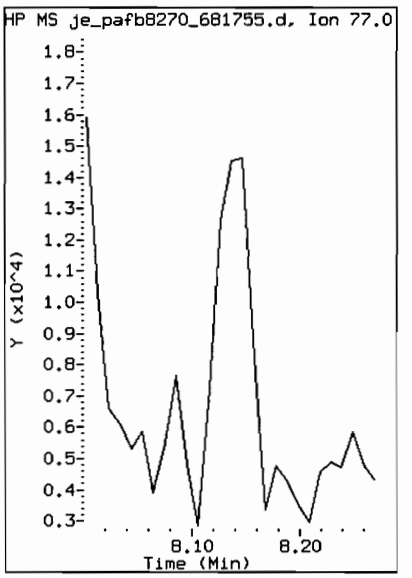
Data File Name: 681755.d
Client Sample ID: MW-1DRE
Compound Name: 2,4-Dimethylphenol

Inj. Date and Time: 01-OCT-2006 13:12
Instrument ID: P.i
CAS #: 105-67-9

Target Version: Target 3.50
Report Version: 1.1
Report Date: 10/02/2006 14:34





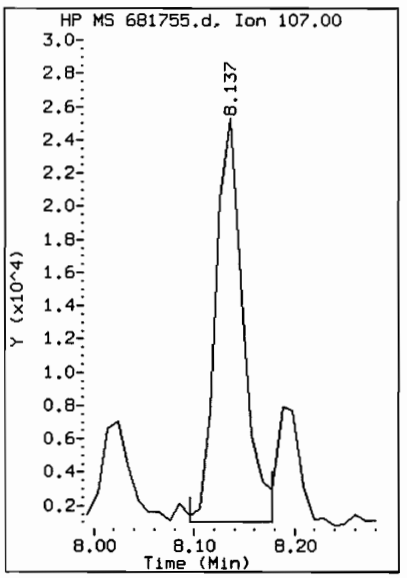


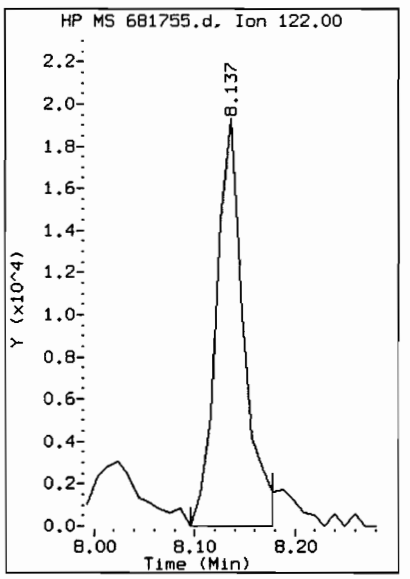
Original Integrations:

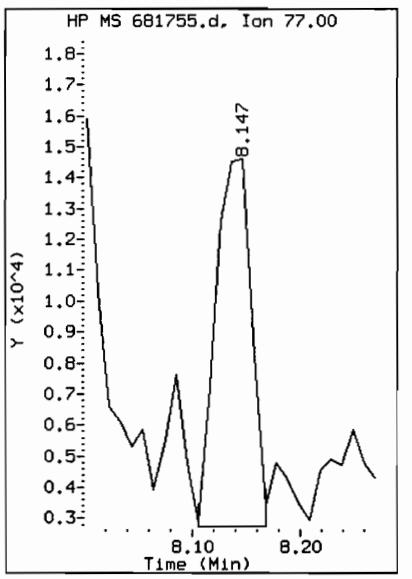
Area = 42320

Area = 38703

Area = 16479







Final Integrations:

Area = 45932

Area = 36356

Area = 27595

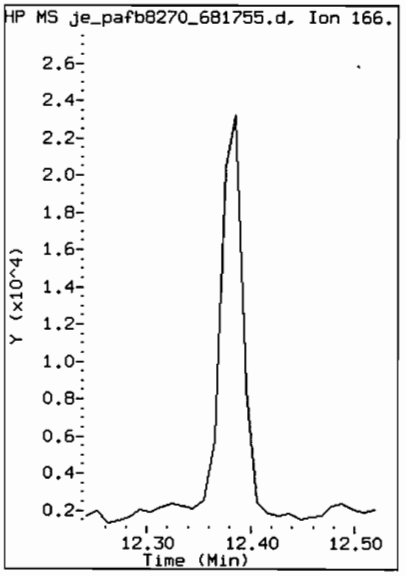
Manual Integration Reason: M1 - Peak Missed

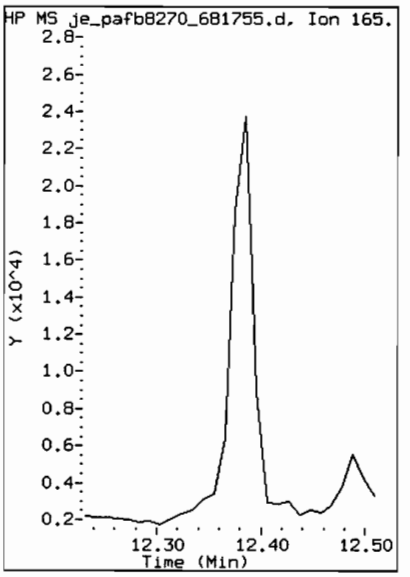
MANUAL INTEGRATION REPORT

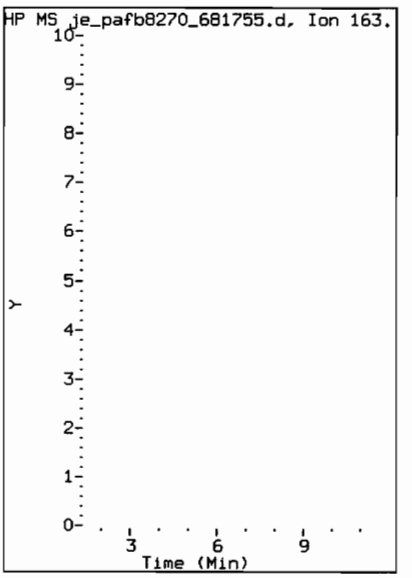
Data File Name: 681755.d
Client Sample ID: MW-1DRE
Compound Name: Fluorene

Inj. Date and Time: 01-OCT-2006 13:12
Instrument ID: P.i
CAS #: 86-73-7

Target Version: Target 3.50
Report Version: 1.1
Report Date: 10/02/2006 14:34





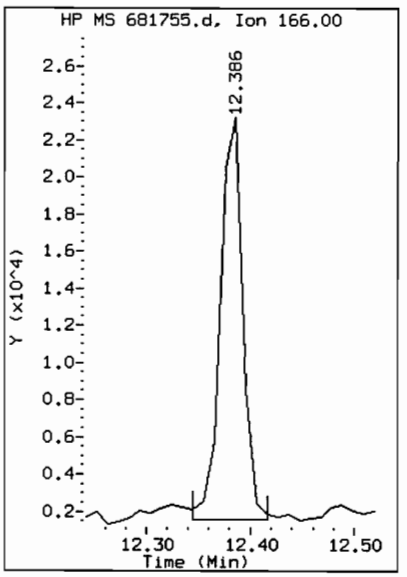


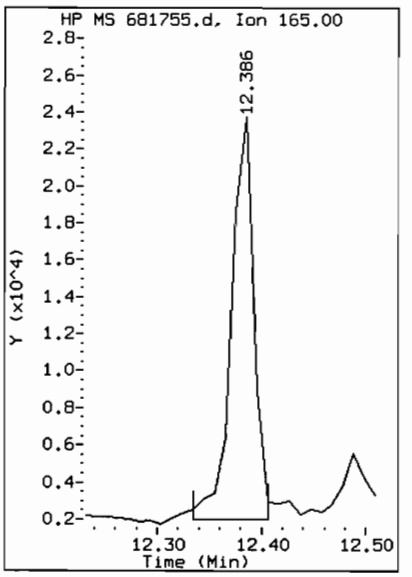
Original Integrations:

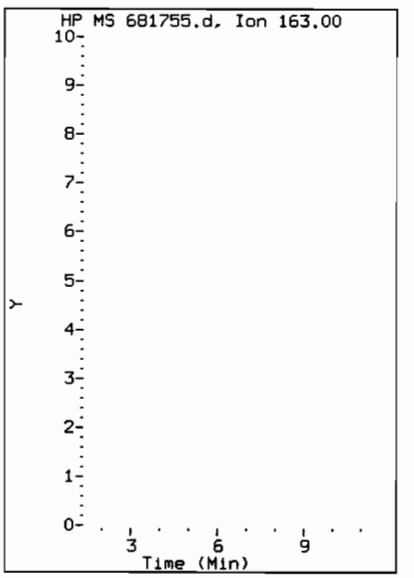
Area = 0

Area = 0

Area = 0







Final Integrations:

Area = 33405

Area = 33113

Area = 0

Manual Integration Reason: Unknown

STL Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: P.i
Lab File ID: 681755.d
Lab Smp Id: 681755R1
Analysis Type: SV
Quant Type: ISTD
Operator: djb
Method File: /chem/P.i/Psvr.p/pafb8270.b/colc02.m
Misc Info: 681755,0188_MBLK090506F,1

Calibration Date: 01-OCT-2006
Calibration Time: 12:39
Client Smp ID: MW-1DRE
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF	
10 1,4-Dichlorobenze	219696	109848	439392	228375	3.95	
29 Naphthalene-d8	782590	391295	1565180	761528	-2.69	
44 Acenaphthene-d10	404669	202334	809338	340953	-15.75	
61 Phenanthrene-d10	563054	281527	1126108	492159	-12.59	
71 Chrysene-d12	461123	230562	922246	217660	-52.80	<
79 Perylene-d12	451954	225977	903908	186838	-58.66	<

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	6.43	6.10	6.76	6.42	-0.03
29 Naphthalene-d8	8.50	8.17	8.83	8.50	-0.03
44 Acenaphthene-d10	11.47	11.14	11.80	11.47	-0.02
61 Phenanthrene-d10	13.95	13.62	14.28	13.95	-0.02
71 Chrysene-d12	17.64	17.31	17.97	17.65	0.05
79 Perylene-d12	19.30	18.97	19.63	19.30	0.04

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

STL Burlington

RECOVERY REPORT

Client Name: STLCTS
Client SDG: 213609
Sample Matrix: LIQUID
Fraction: SV
Lab Smp Id: 681755R1
Client Smp ID: MW-1DRE
Level: LOW
Operator: djb
Data Type: MS DATA
SampleType: SAMPLE
SpikeList File: OLClcs.spk
Quant Type: ISTD
Sublist File: OLC.sub
Method File: /chem/P.i/Psvr.p/pafb8270.b/colc02.m
Misc Info: 681755,0188_MBLK090506F,1

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 2 2-Fluorophenol	45	39	86.62	15-121
$ 4 Phenol-d5	45	42	94.08	15-115
$ 20 Nitrobenzene-d5	45	44	97.94	23-120
$ 38 2-Fluorobiphenyl	45	41	90.84	30-115
$ 57 2,4,6-Tribromophen	130	130	95.53	15-130
$ 68 Terphenyl-d14	45	58	128.35	18-140

Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

Volume Injected (uL): 1.0

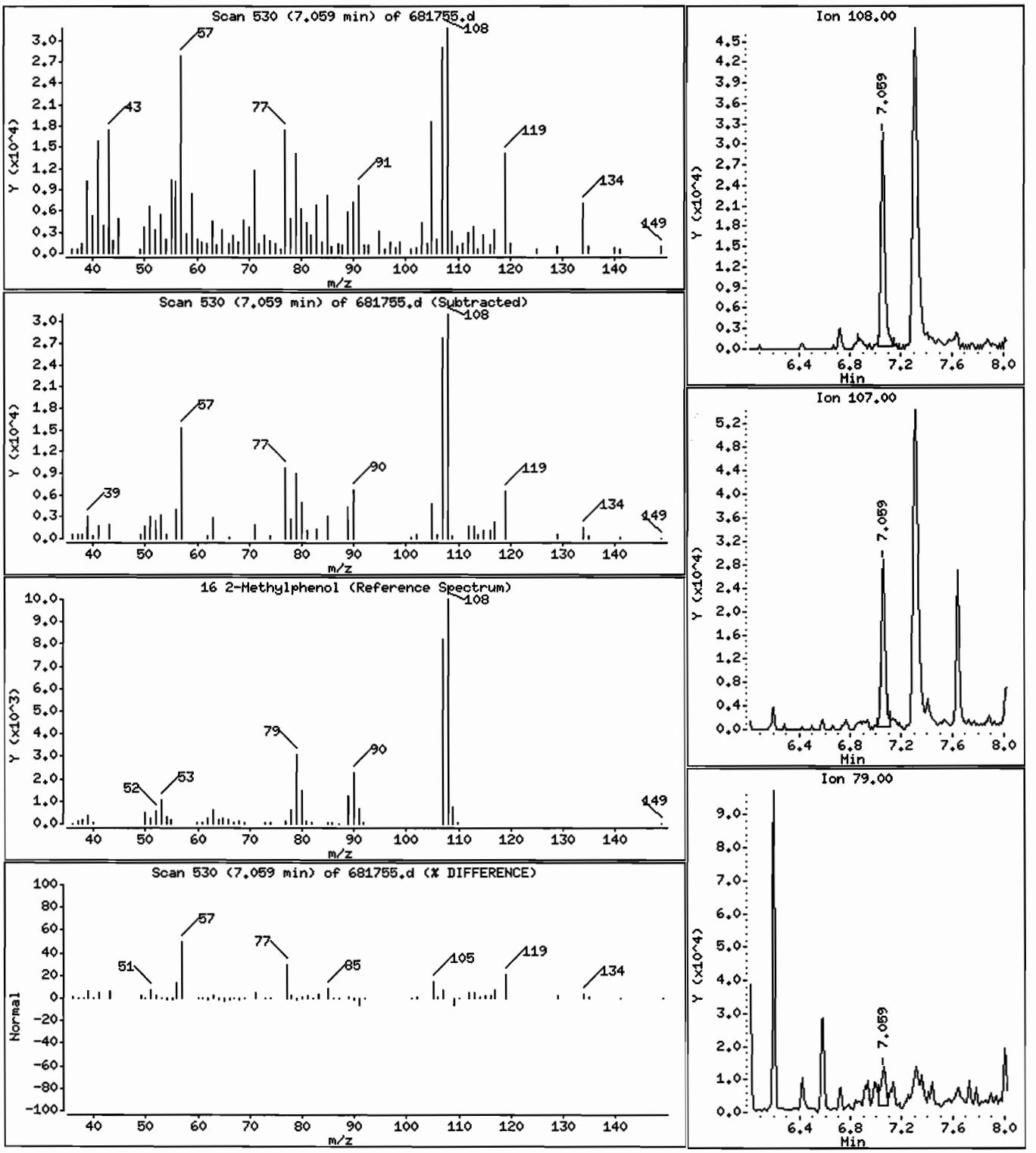
Operator: djb

Column phase: RTx-5

Column diameter: 0.25

16 2-Methylphenol

Concentration: 5 ug/L



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

Volume Injected (uL): 1.0

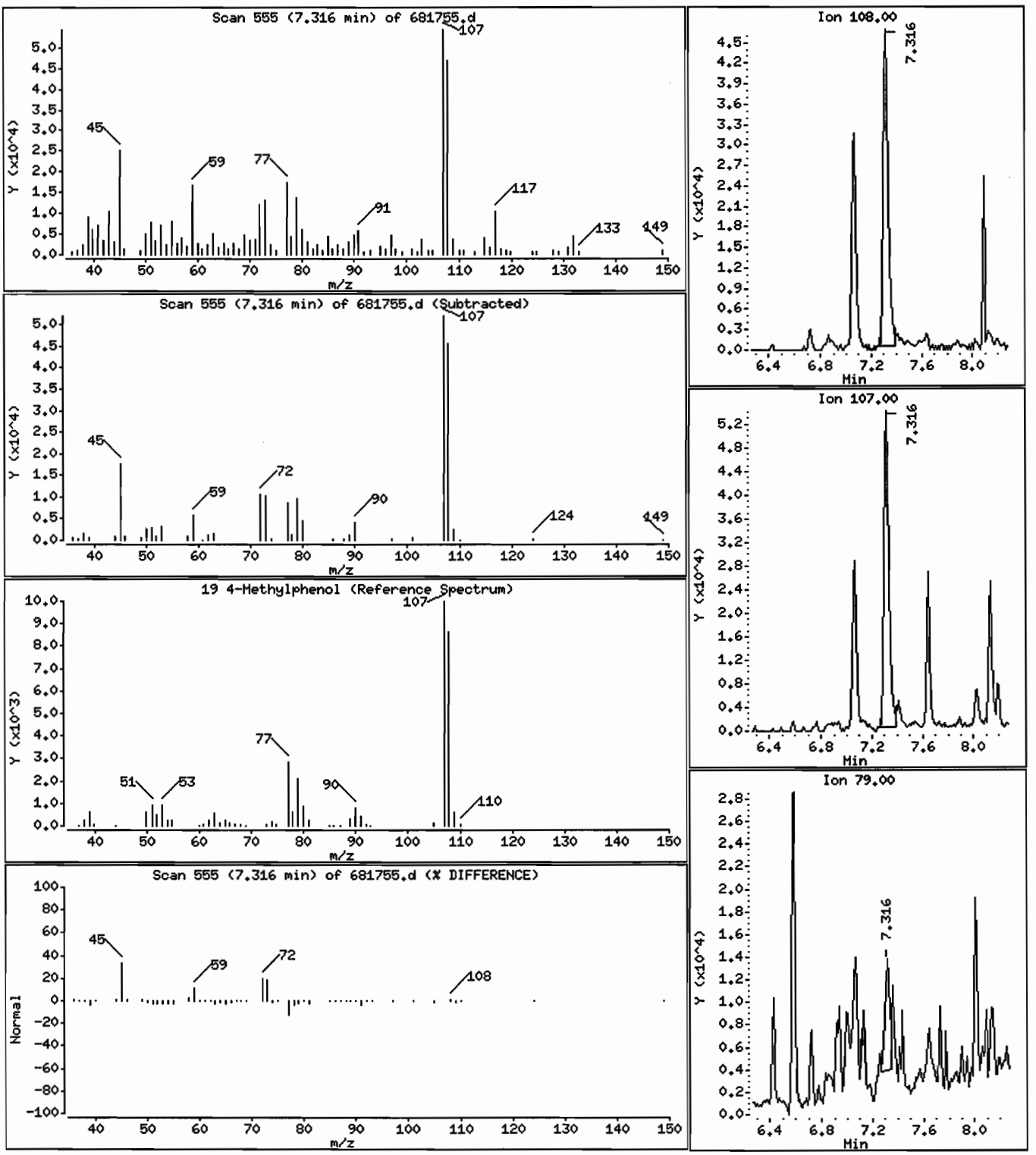
Operator: djb

Column phase: RTx-5

Column diameter: 0.25

19 4-Methylphenol

Concentration: 9 ug/L



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

Volume Injected (uL): 1.0

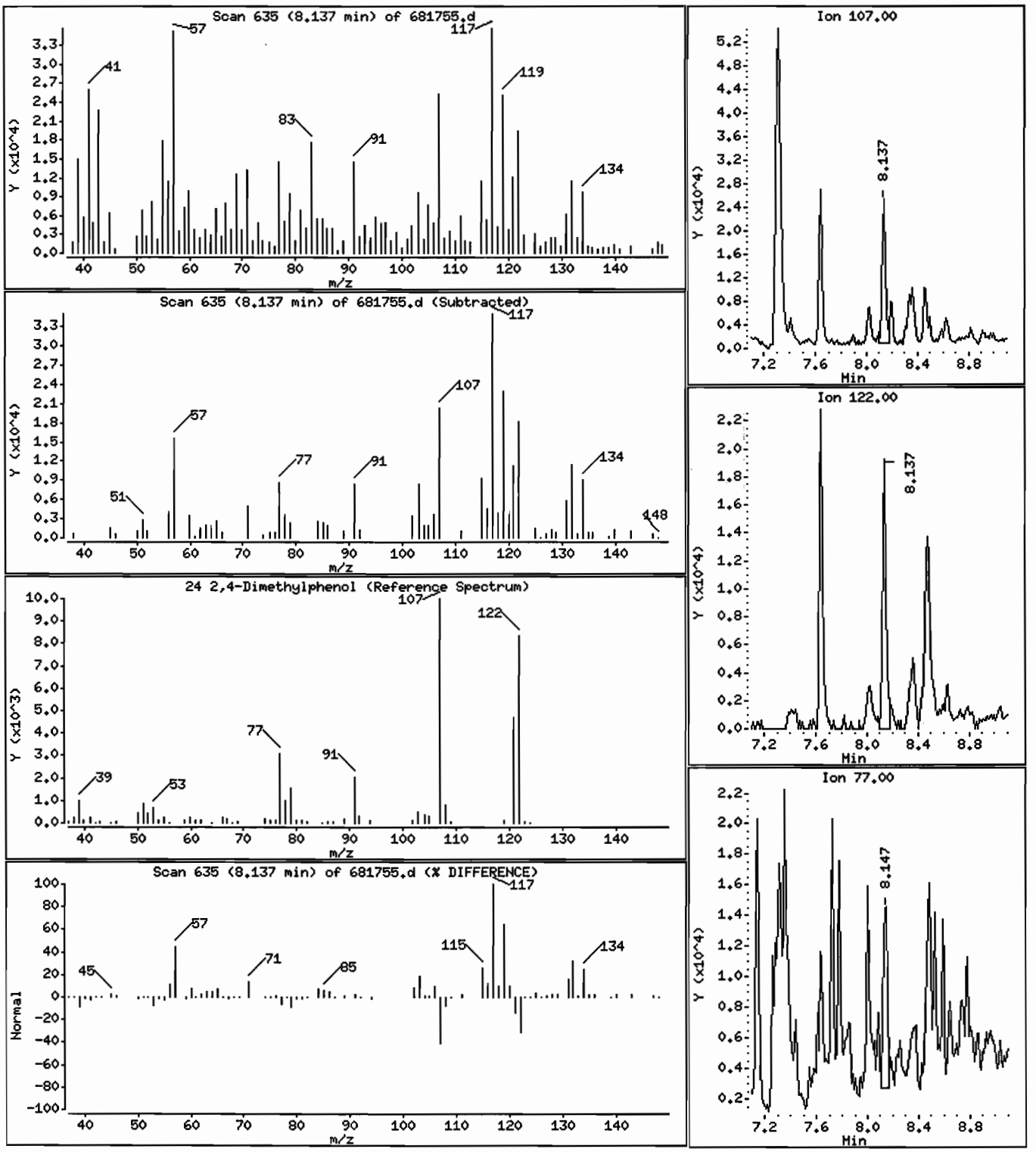
Operator: djb

Column phase: RTx-5

Column diameter: 0.25

24 2,4-Dimethylphenol

Concentration: 3 ug/L



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

Volume Injected (uL): 1.0

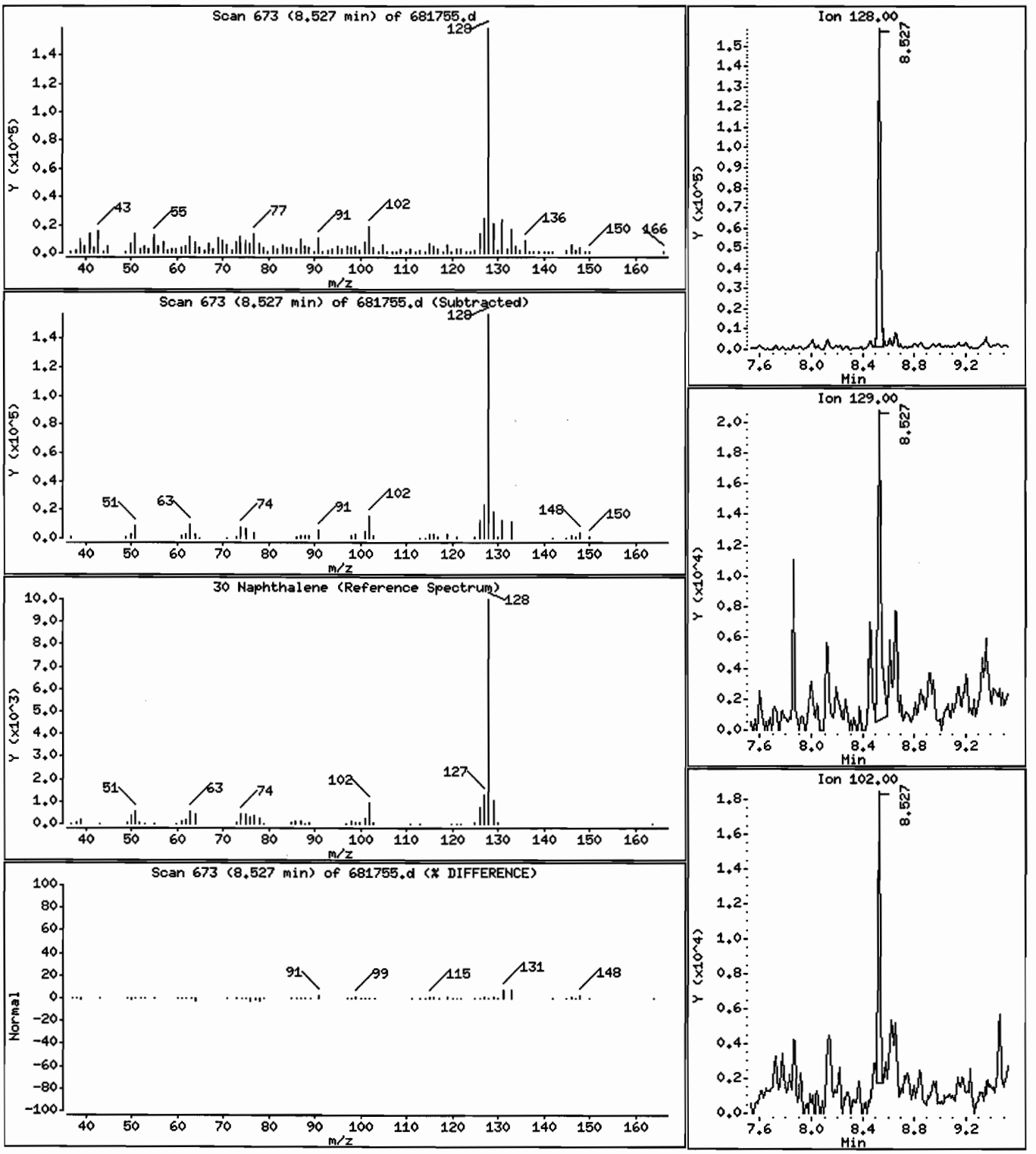
Operator: djb

Column phase: RTx-5

Column diameter: 0.25

30 Naphthalene

Concentration: 6 ug/L



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

Volume Injected (uL): 1.0

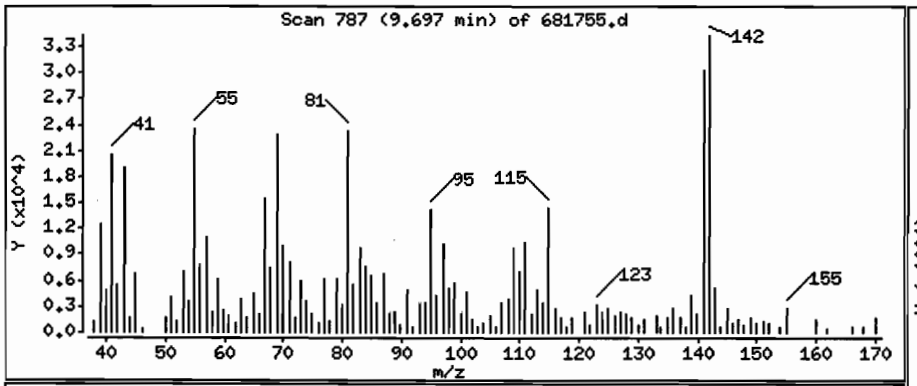
Operator: djb

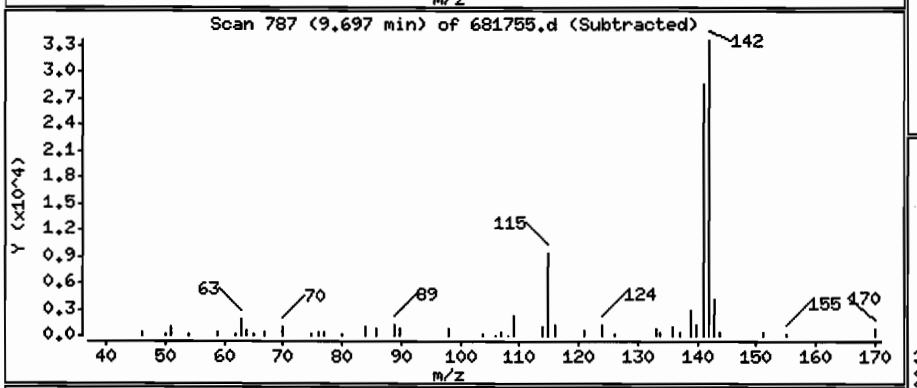
Column phase: RTx-5

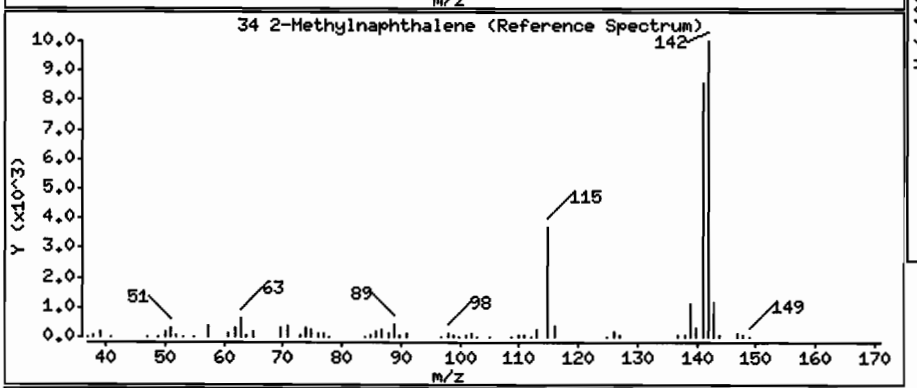
Column diameter: 0.25

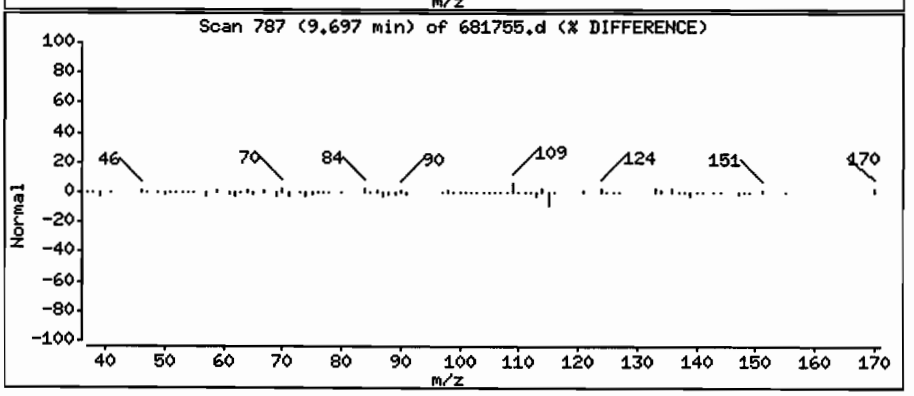
34 2-Methylnaphthalene

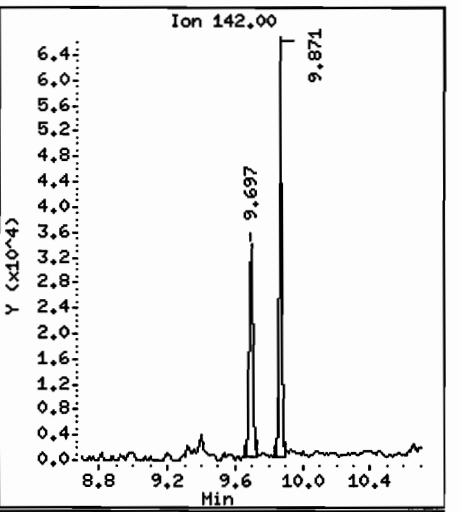
Concentration: 2 ug/L

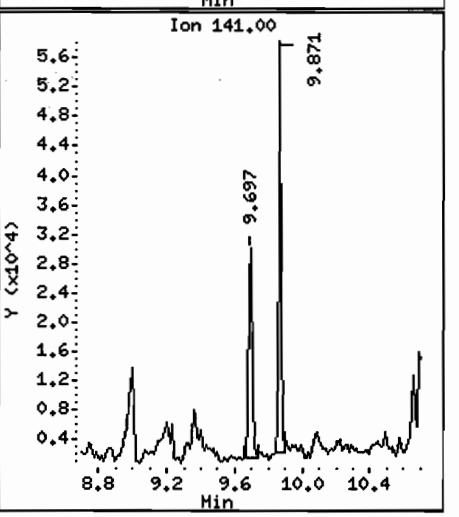












Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D ;[ ]08/31/06 @1230(WATER)

Volume Injected (uL): 1.0

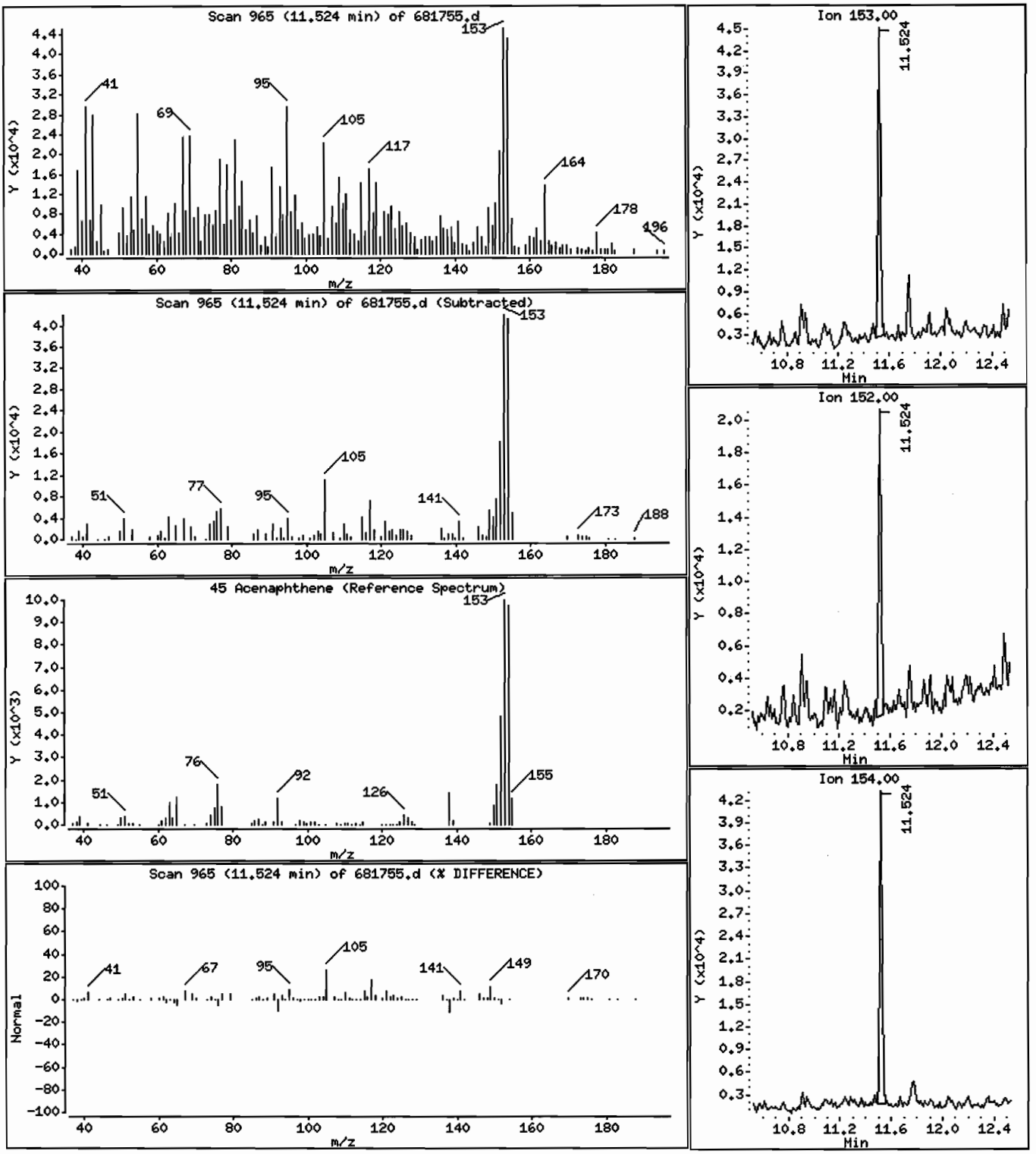
Operator: djb

Column phase: RTx-5

Column diameter: 0.25

45 Acenaphthene

Concentration: 4 ug/L



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

Volume Injected (uL): 1.0

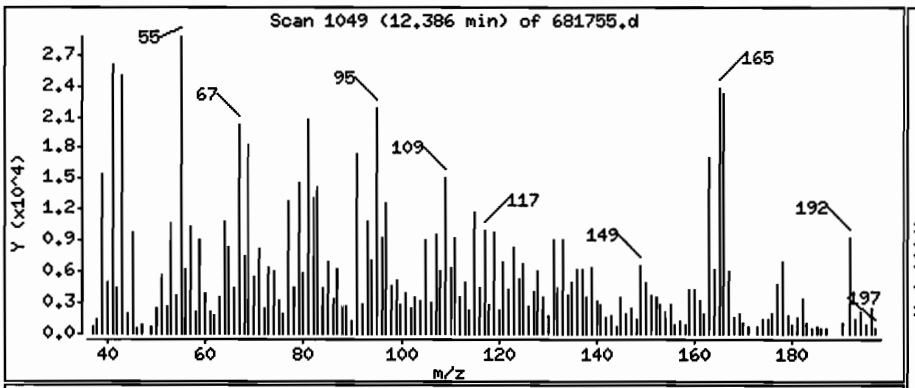
Operator: djb

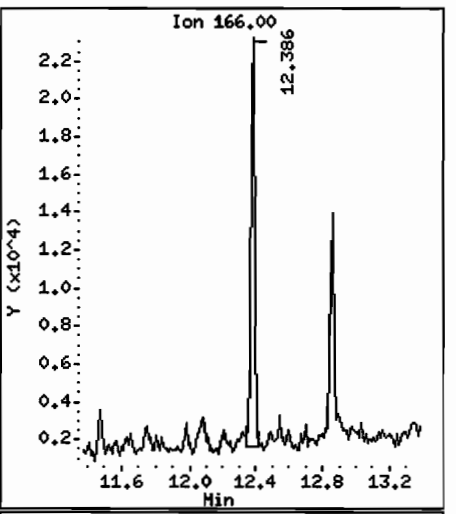
Column phase: RTx-5

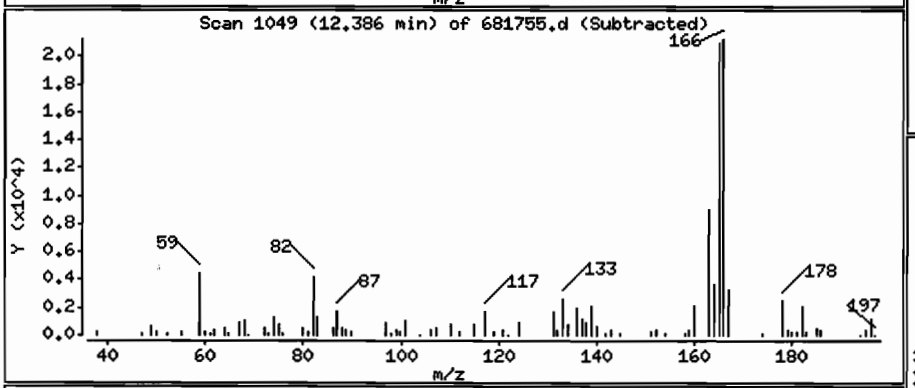
Column diameter: 0.25

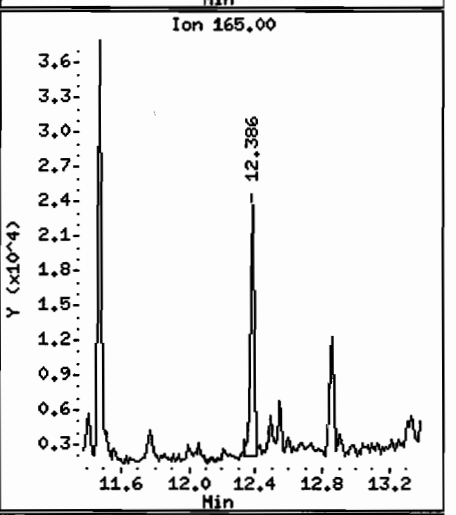
51 Fluorene

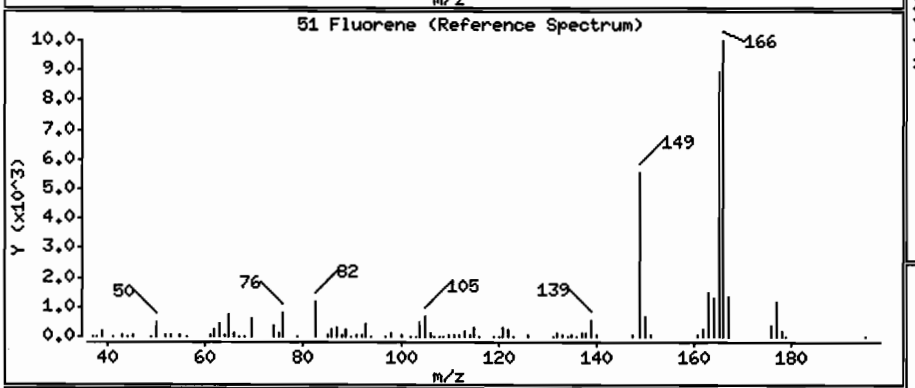
Concentration: 2 ug/L

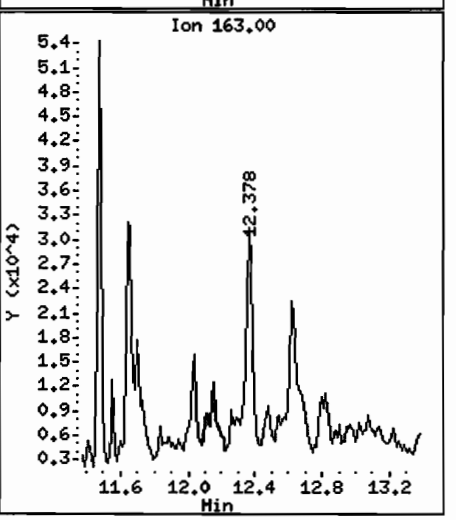


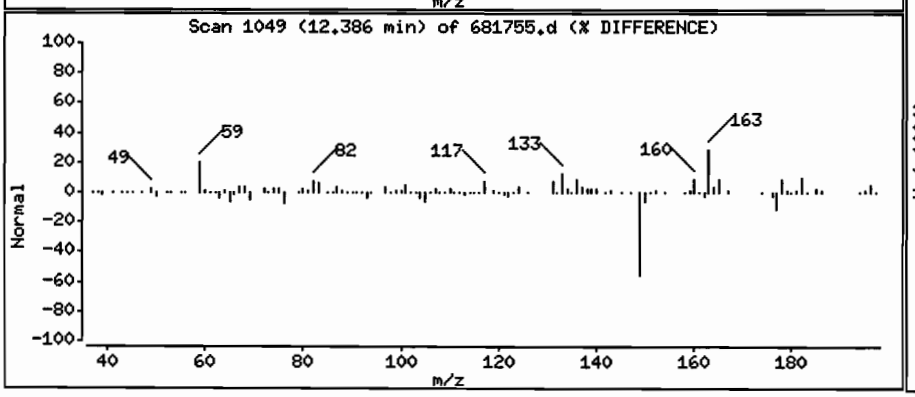












Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

Volume Injected (uL): 1.0

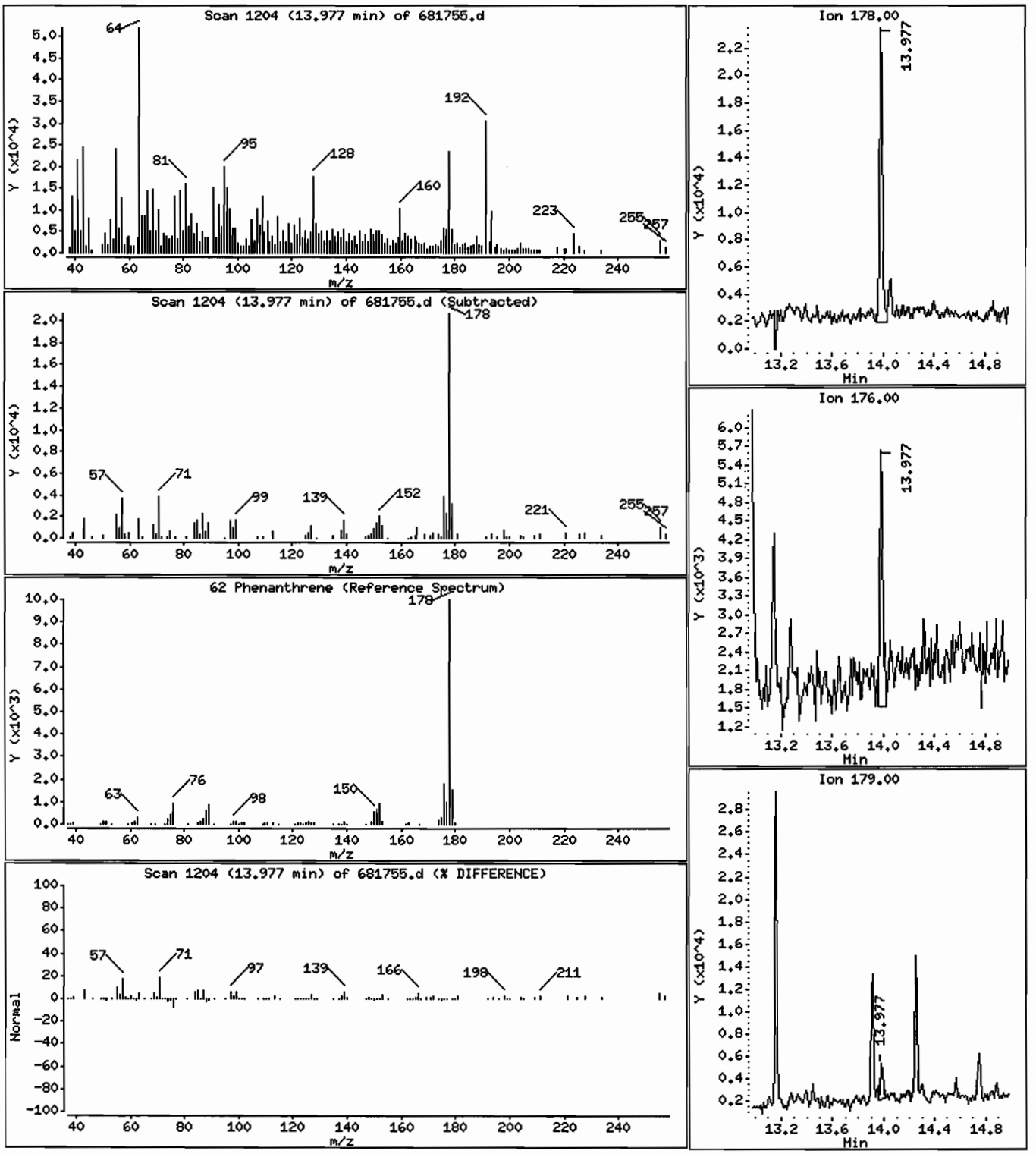
Operator: djb

Column phase: RTx-5

Column diameter: 0.25

62 Phenanthrene

Concentration: 1 ug/L



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Page 18

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

Volume Injected (uL): 1.0

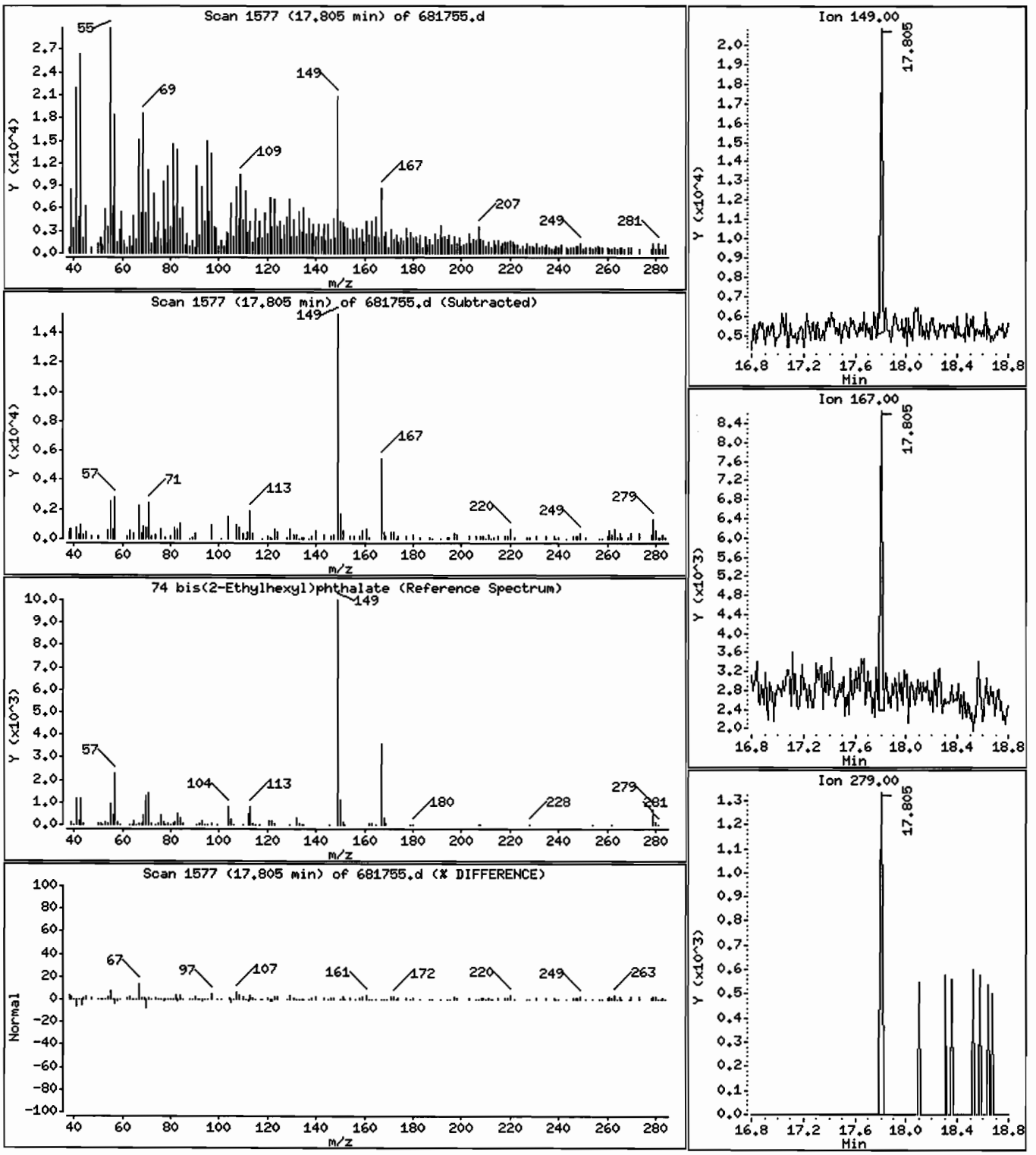
Operator: djb

Column phase: RTx-5

Column diameter: 0.25

74 bis(2-Ethylhexyl)phthalate

Concentration: 2 ug/L



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

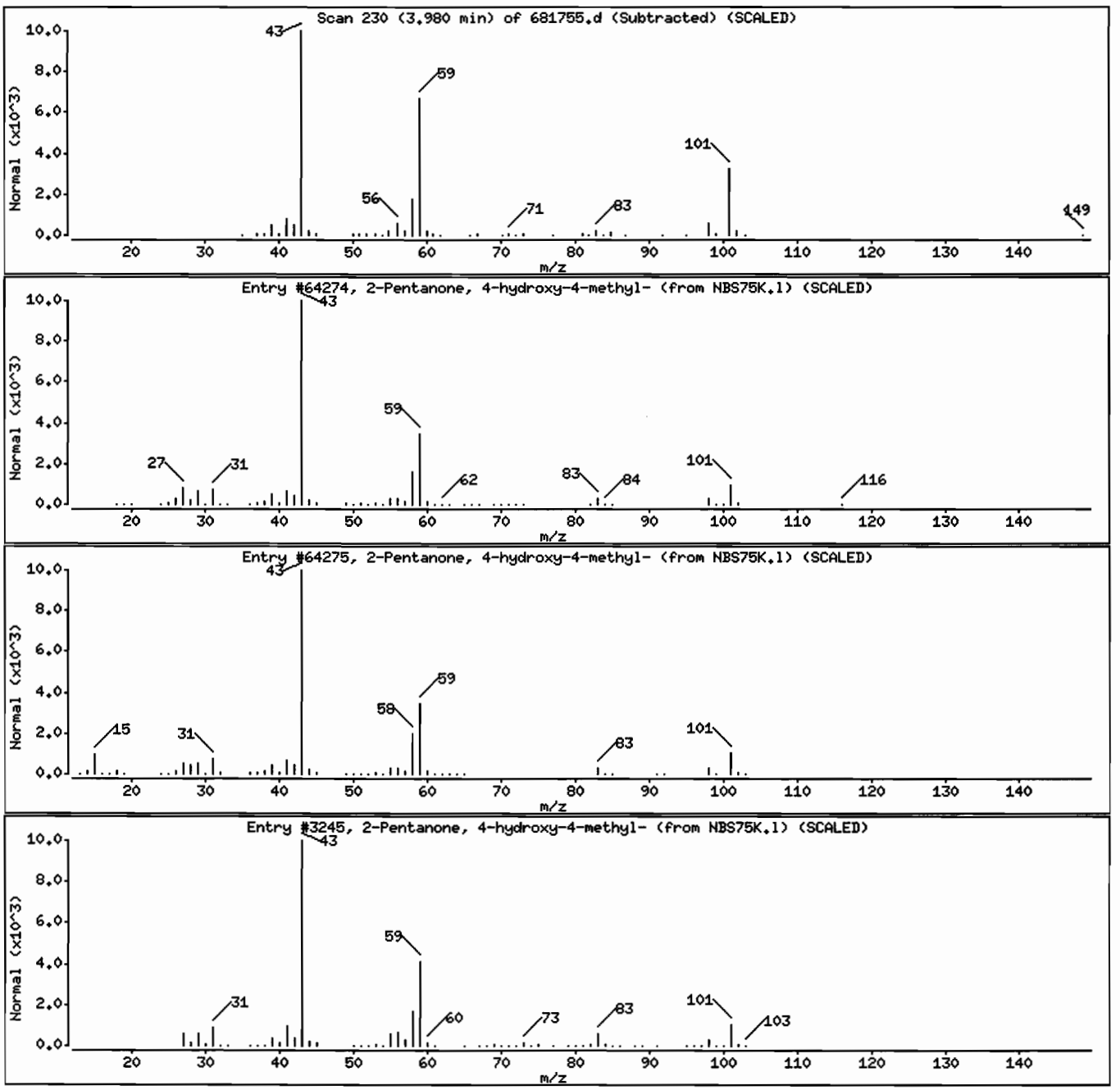
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64274	50	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64275	39	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	3245	28	C6H12O2	116



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

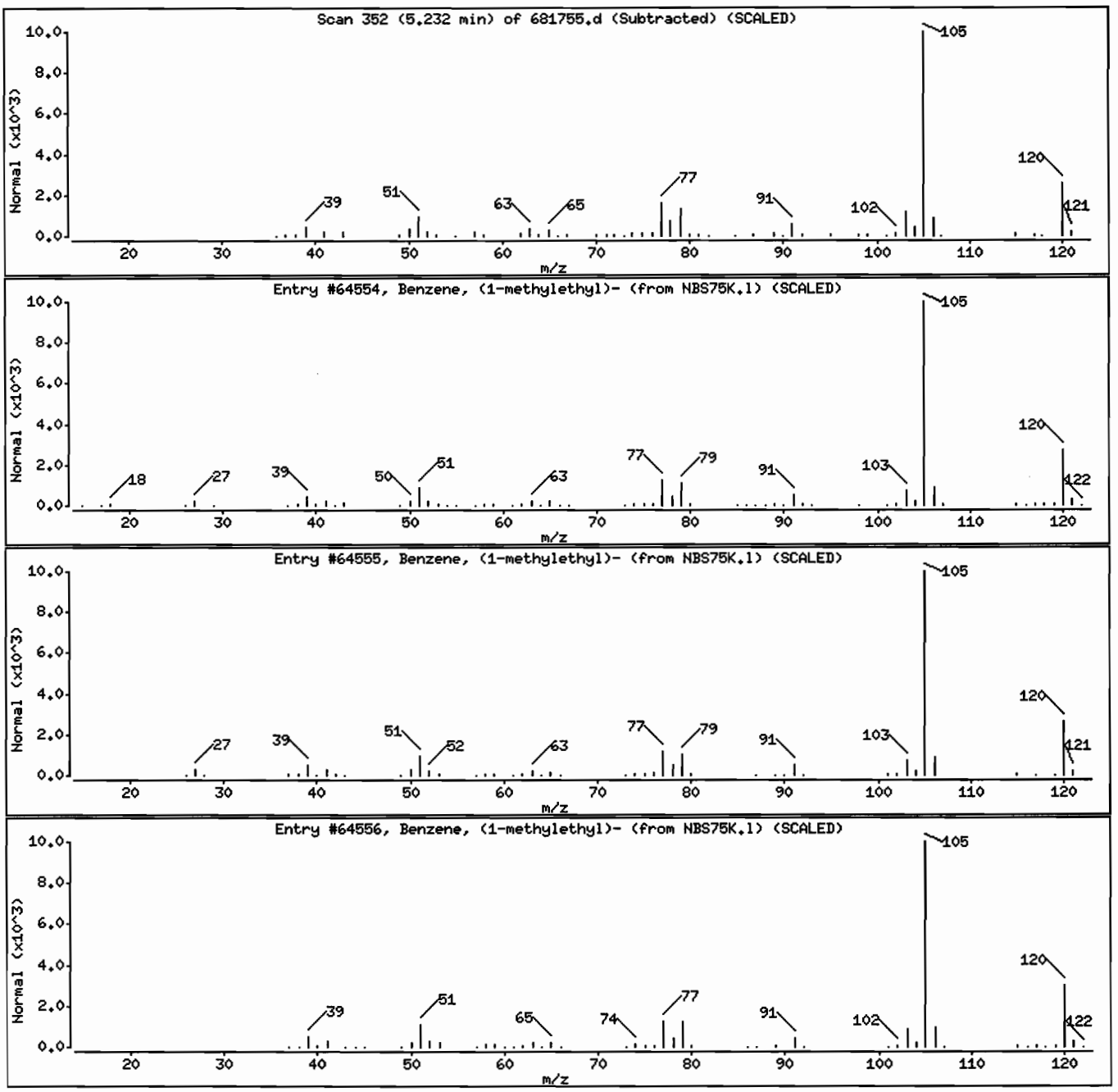
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, (1-methylethyl)-	98-82-8	NBS75K.l	64554	95	C9H12	120
Benzene, (1-methylethyl)-	98-82-8	NBS75K.l	64555	94	C9H12	120
Benzene, (1-methylethyl)-	98-82-8	NBS75K.l	64556	91	C9H12	120



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

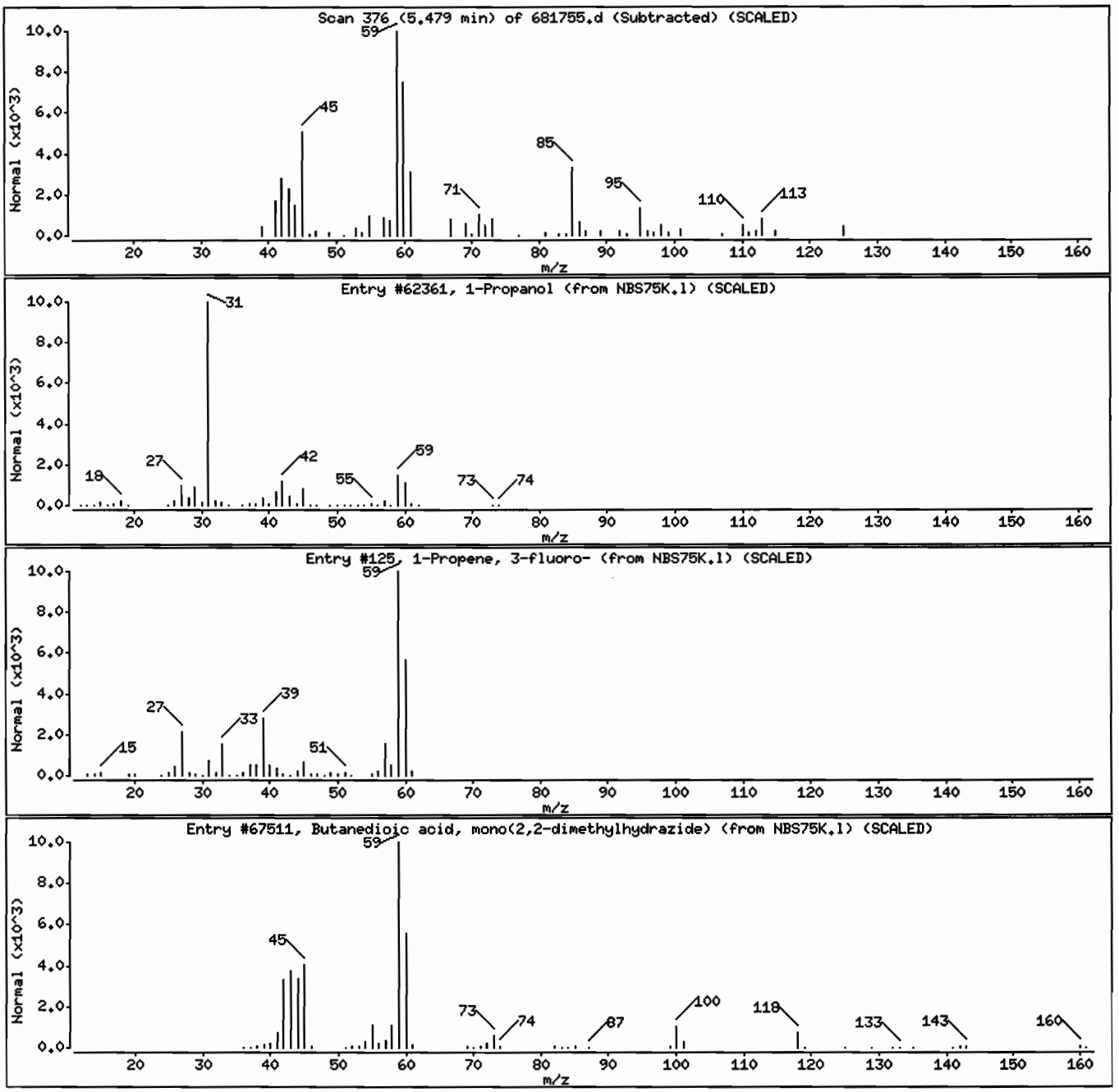
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown aliphatic compound						
1-Propanol	71-23-8	NBS75K.l	62361	53	C3H8O	60
1-Propene, 3-fluoro-	818-92-8	NBS75K.l	125	43	C3H5F	60
Butanedioic acid, mono(2,2-dimethylhydra	1596-84-5	NBS75K.l	67511	36	C6H12N2O3	160



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

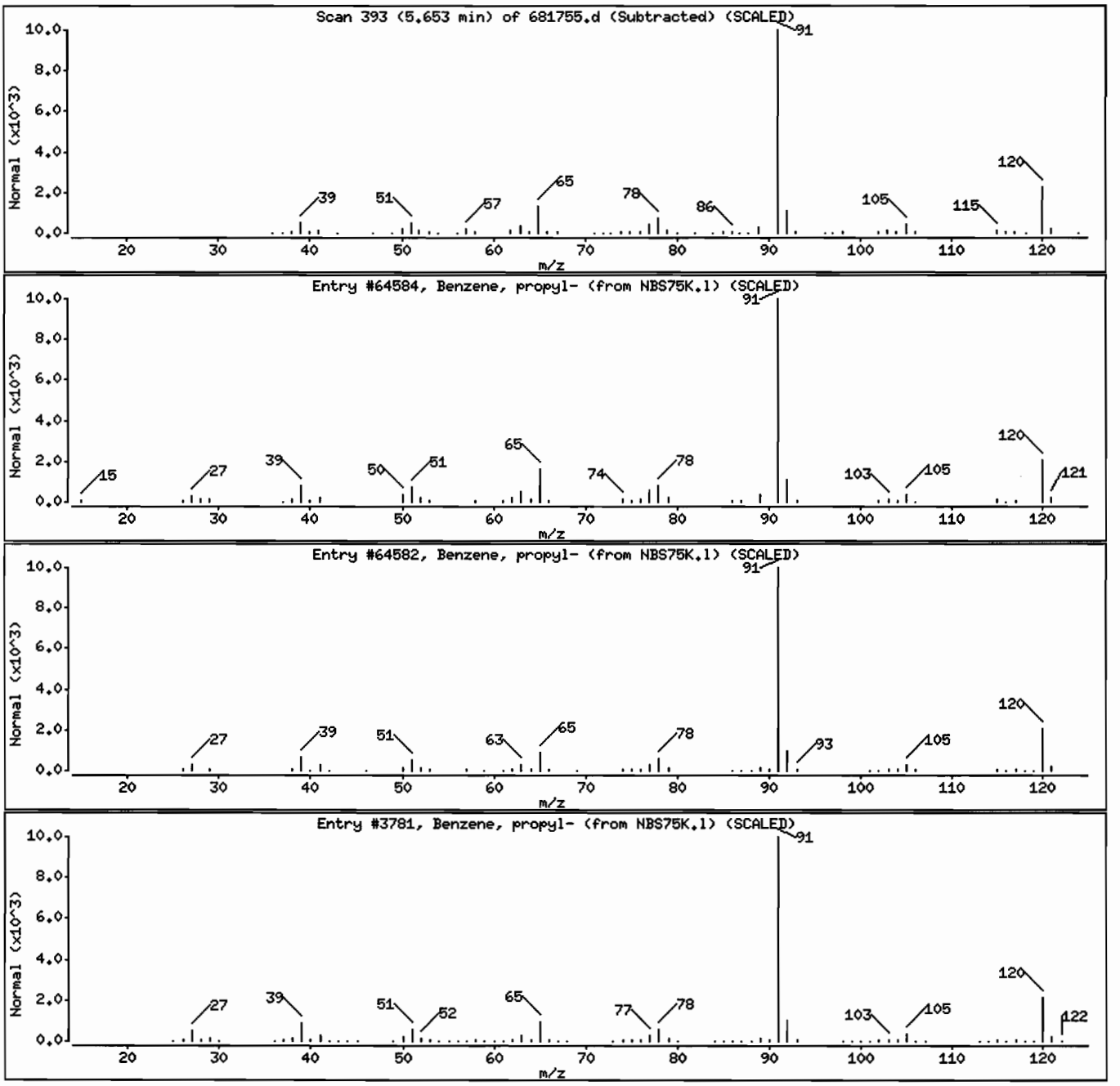
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, propyl-	103-65-1	NBS75K.l	64584	91	C9H12	120
Benzene, propyl-	103-65-1	NBS75K.l	64582	91	C9H12	120
Benzene, propyl-	103-65-1	NBS75K.l	3781	91	C9H12	120



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

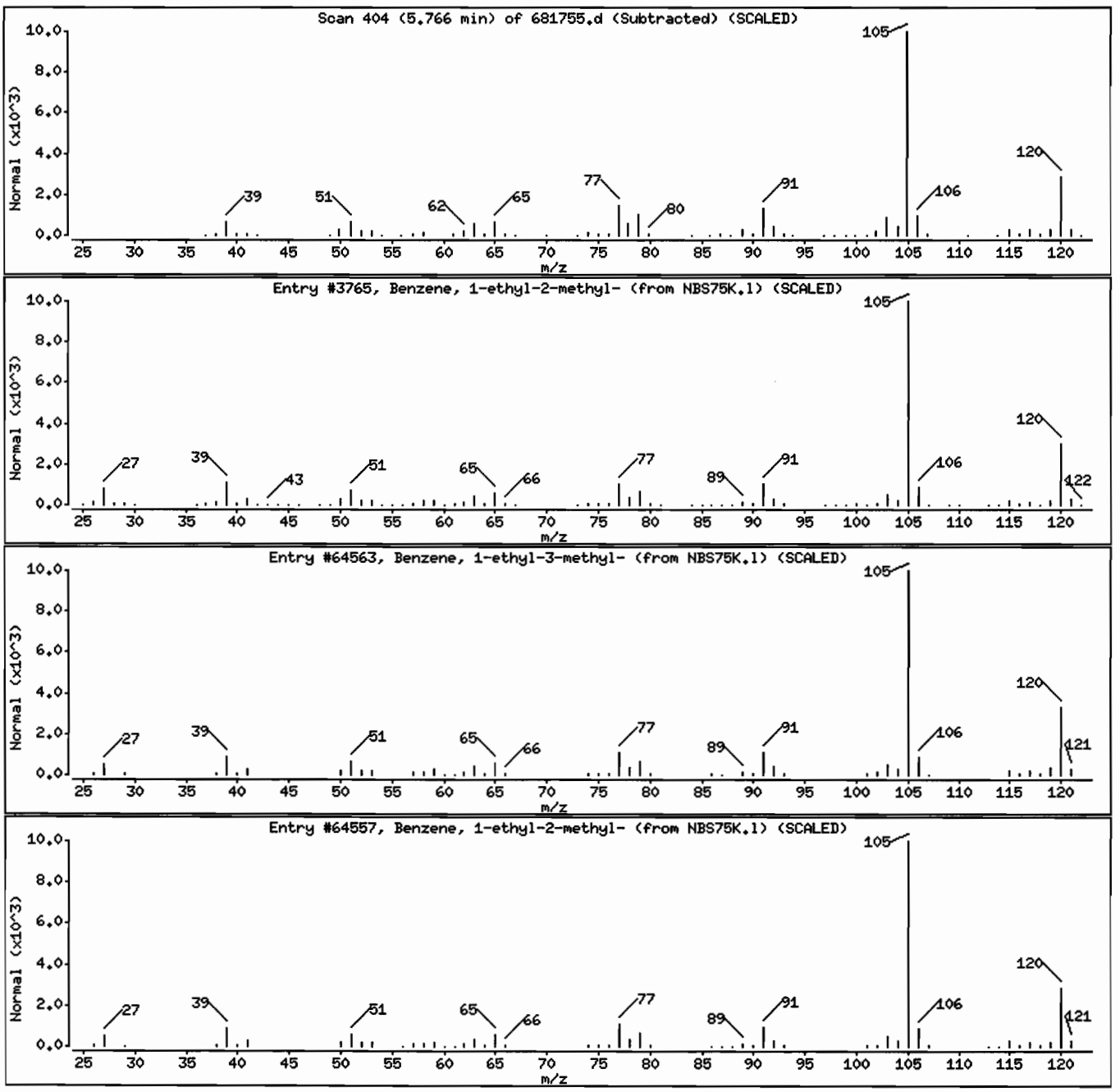
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, 1-ethyl-2-methyl-	611-14-3	NBS75K.l	3765	95	C9H12	120
Benzene, 1-ethyl-3-methyl-	620-14-4	NBS75K.l	64563	95	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NBS75K.l	64557	95	C9H12	120



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

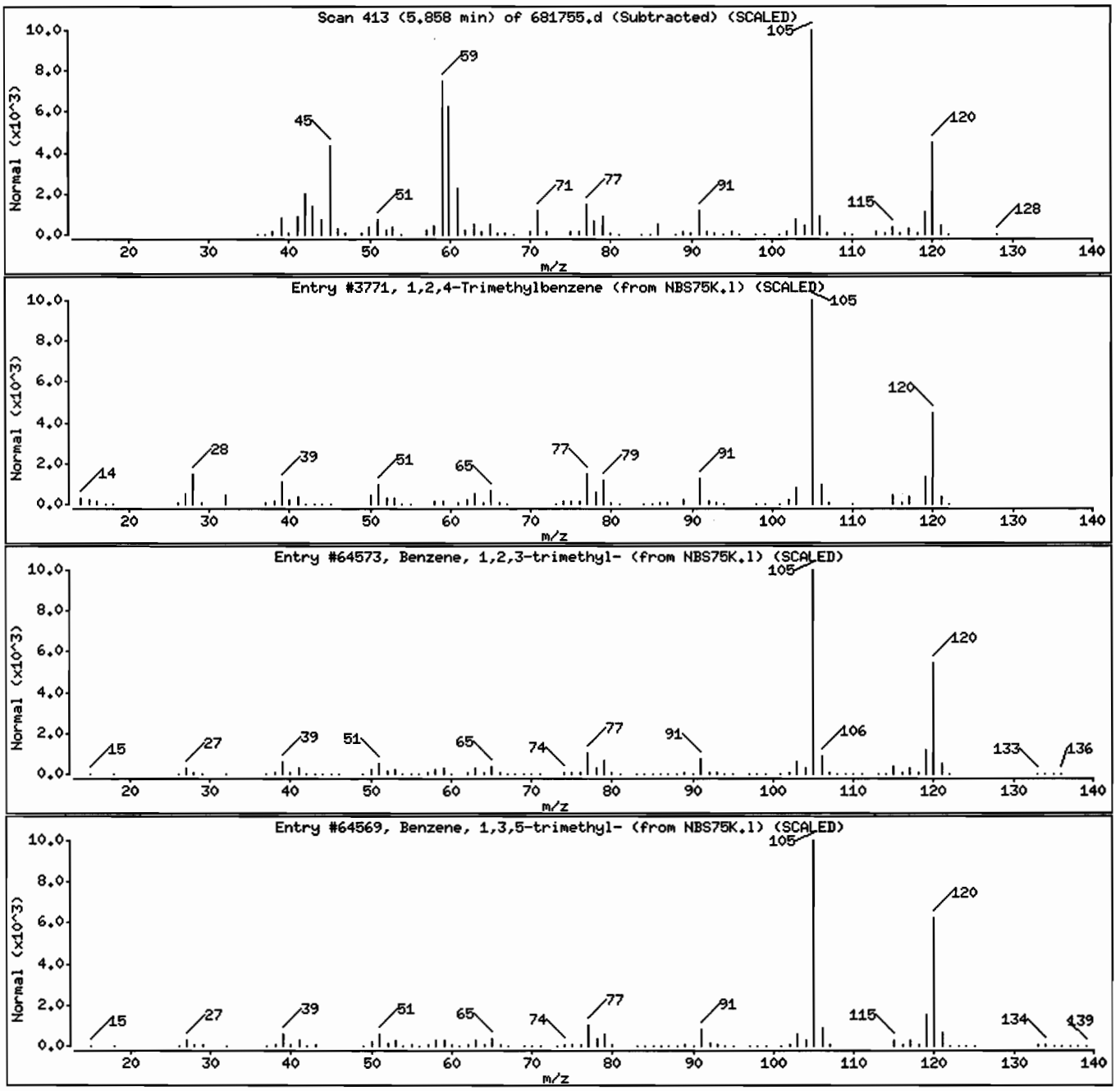
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1,2,4-Trimethylbenzene	95-36-3	NBS75K.l	3771	90	C9H12	120
Benzene, 1,2,3-trimethyl-	526-73-8	NBS75K.l	64573	64	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NBS75K.l	64569	60	C9H12	120



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

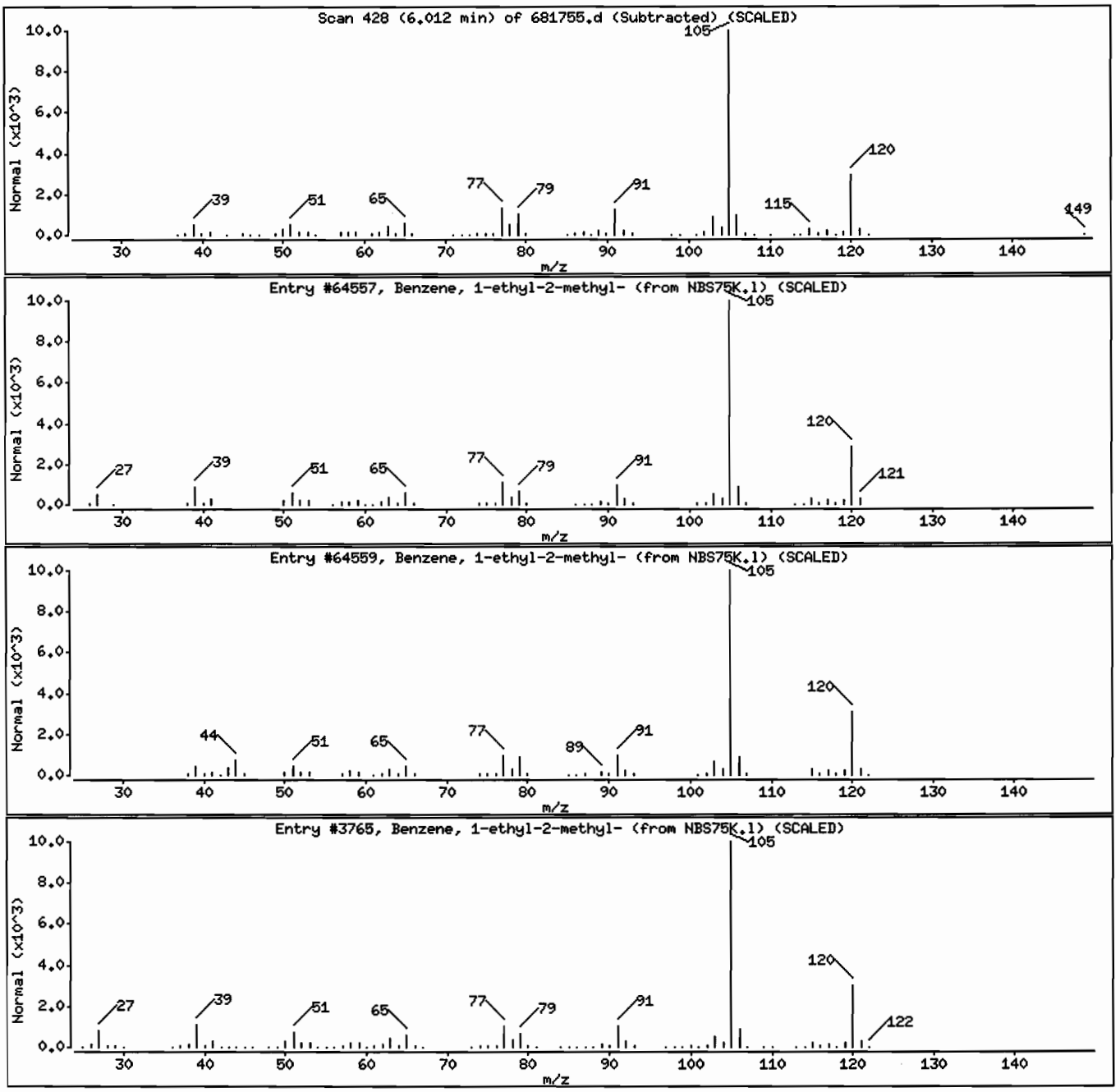
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, 1-ethyl-2-methyl-	611-14-3	NBS75K.l	64557	95	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NBS75K.l	64559	95	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NBS75K.l	3765	95	C9H12	120



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

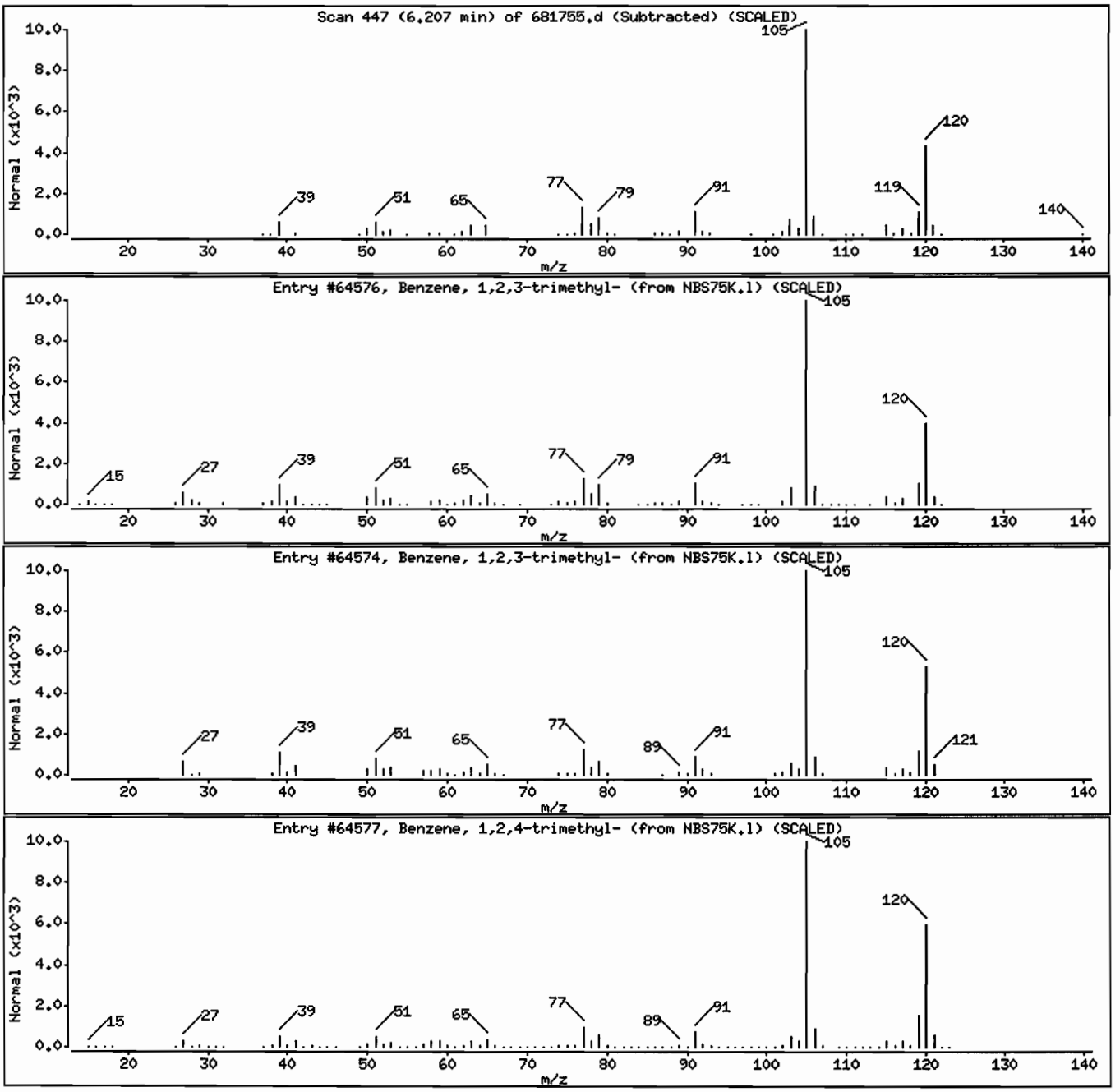
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, 1,2,3-trimethyl-	526-73-8	NBS75K.l	64576	95	C9H12	120
Benzene, 1,2,3-trimethyl-	526-73-8	NBS75K.l	64574	95	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NBS75K.l	64577	95	C9H12	120



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

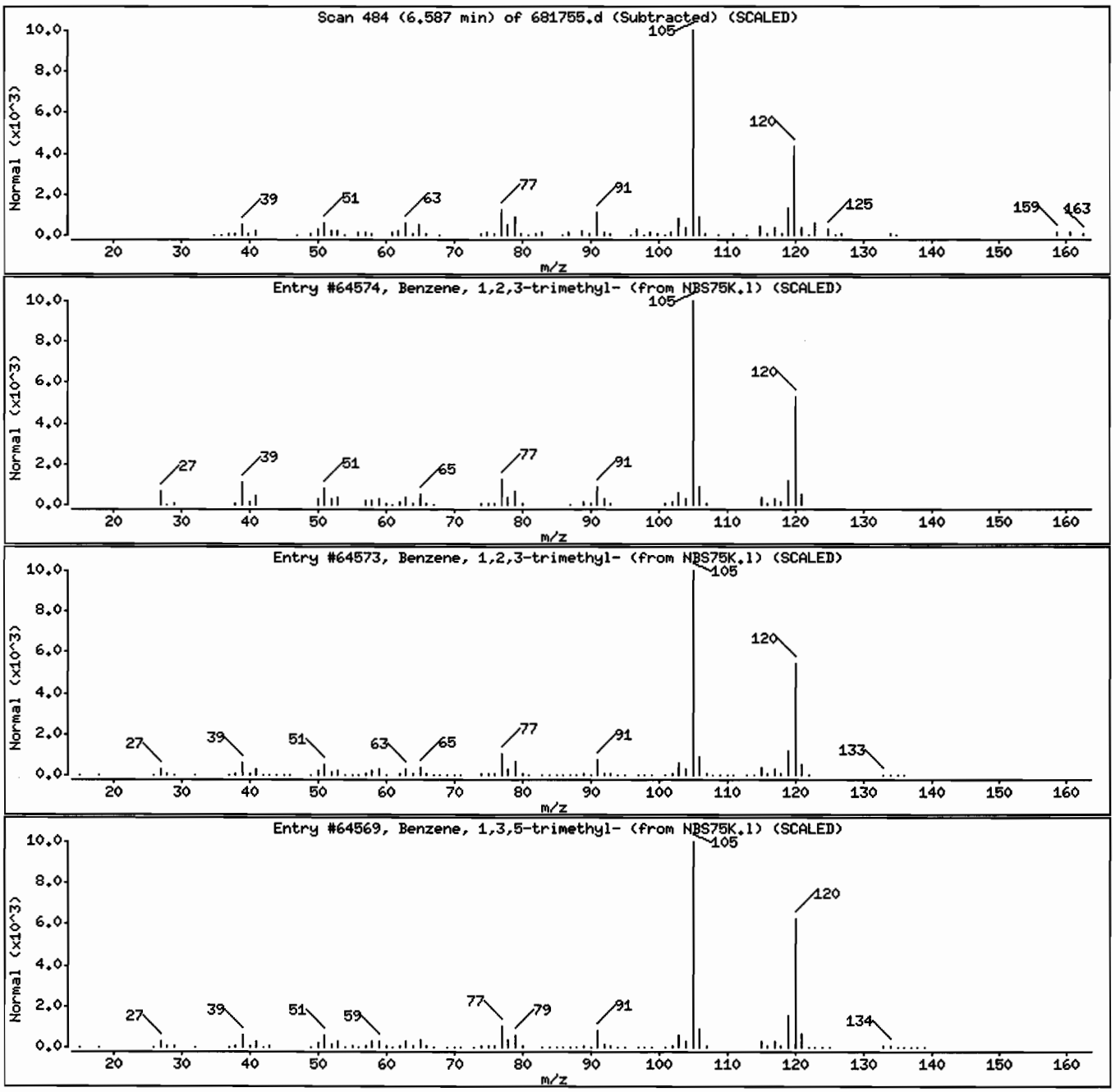
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, 1,2,3-trimethyl-	526-73-8	NBS75K.l	64574	95	C9H12	120
Benzene, 1,2,3-trimethyl-	526-73-8	NBS75K.l	64573	94	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NBS75K.l	64569	94	C9H12	120



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Page 28

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

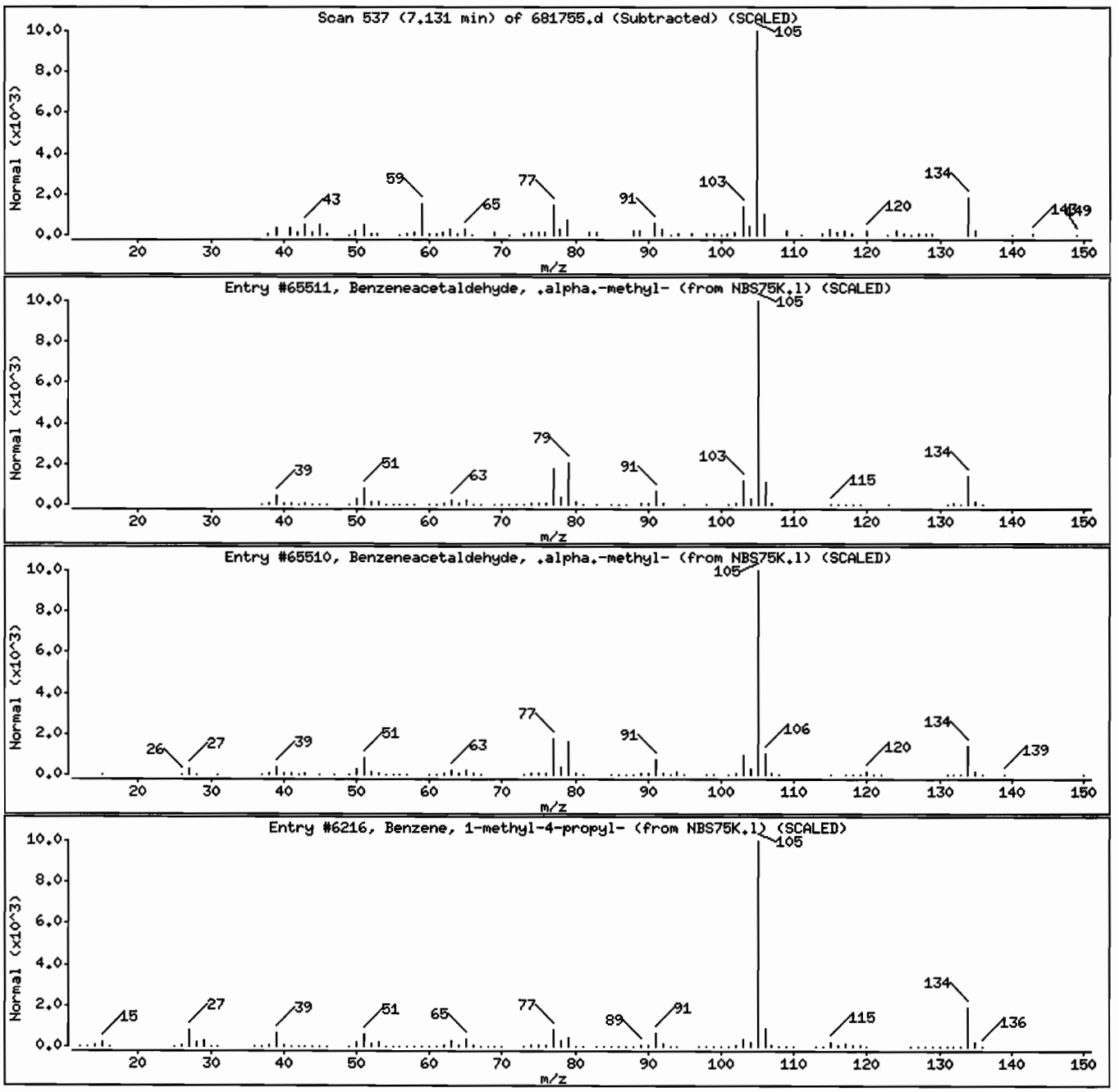
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzeneacetaldehyde, .alpha.-methyl-	93-53-8	NBS75K.l	65511	72	C9H10O	134
Benzeneacetaldehyde, .alpha.-methyl-	93-53-8	NBS75K.l	65510	72	C9H10O	134
Benzene, 1-methyl-4-propyl-	1074-55-1	NBS75K.l	6216	68	C10H14	134



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[J08/31/06 @1230(WATER)

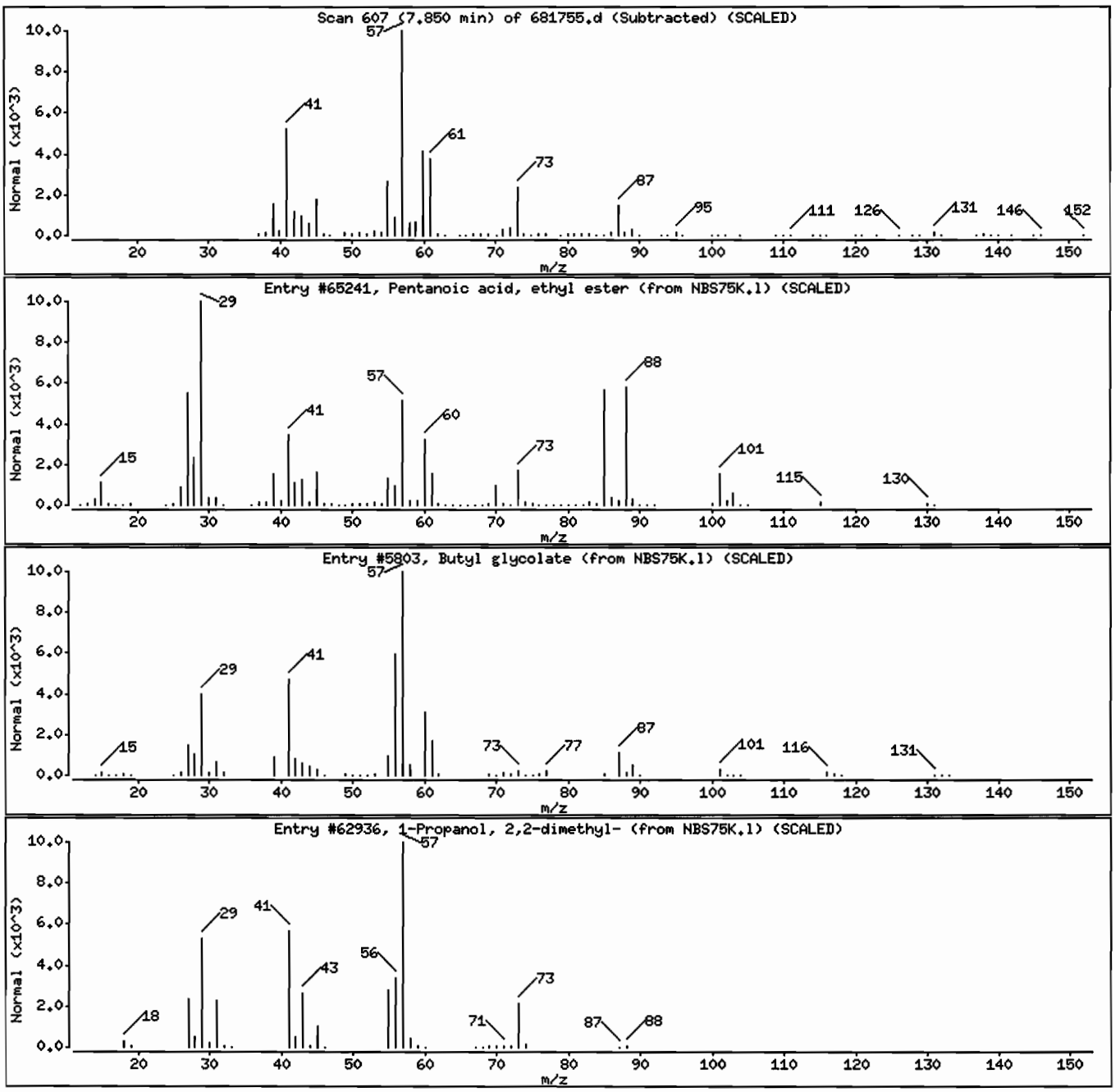
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown aliphatic compound						
Pentanoic acid, ethyl ester	539-82-2	NBS75K.l	65241	36	C7H1402	130
Butyl glycolate	7397-62-8	NBS75K.l	5803	25	C6H1203	132
1-Propanol, 2,2-dimethyl-	75-84-3	NBS75K.l	62936	22	C5H120	88



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

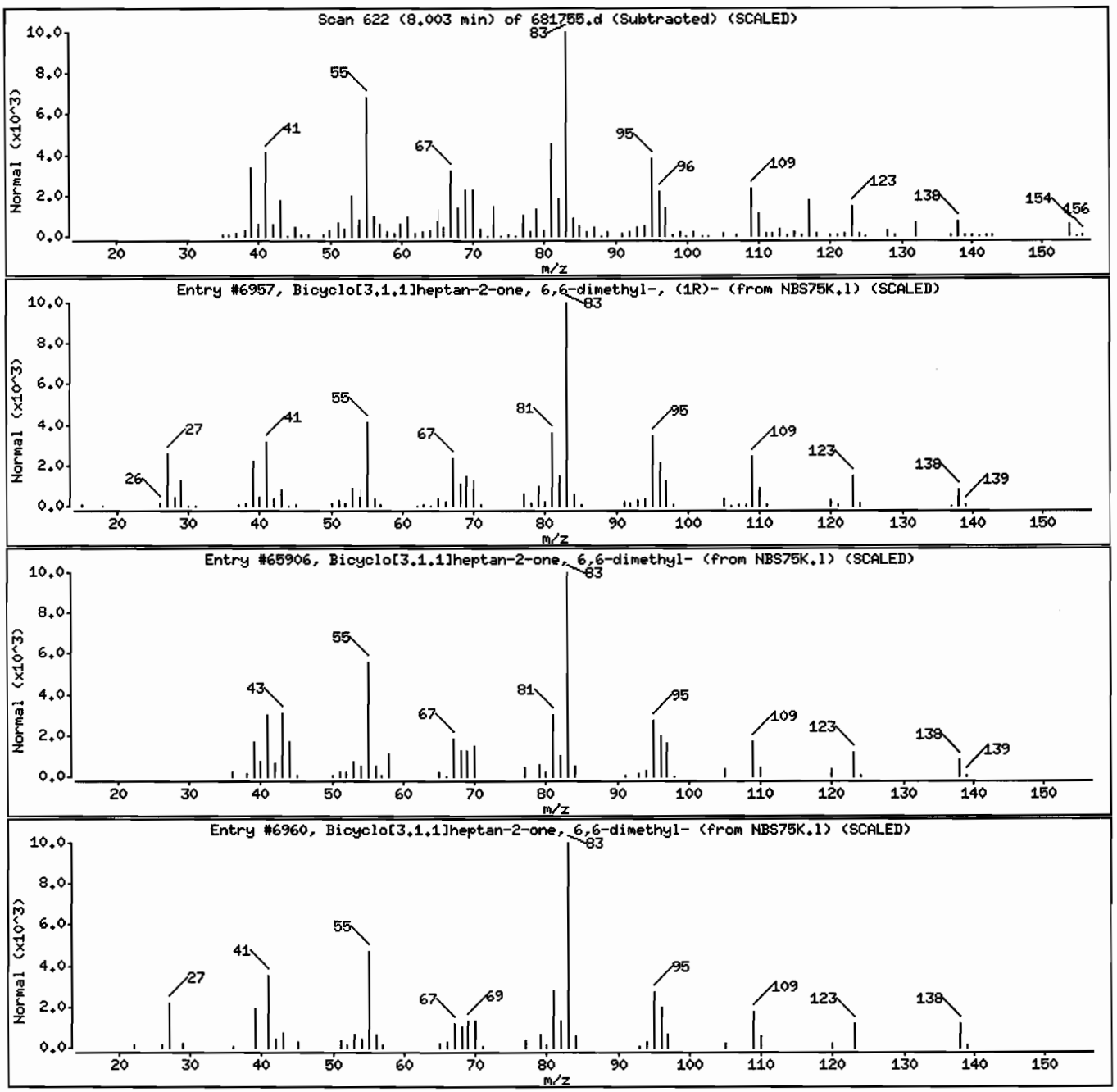
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Bicyclo[3.1.1]heptan-2-one, 6,6-dimethyl	38651-65-9	NBS75K.l	6957	95	C9H14O	138
Bicyclo[3.1.1]heptan-2-one, 6,6-dimethyl	24903-95-5	NBS75K.l	65906	58	C9H14O	138
Bicyclo[3.1.1]heptan-2-one, 6,6-dimethyl	24903-95-5	NBS75K.l	6960	58	C9H14O	138



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

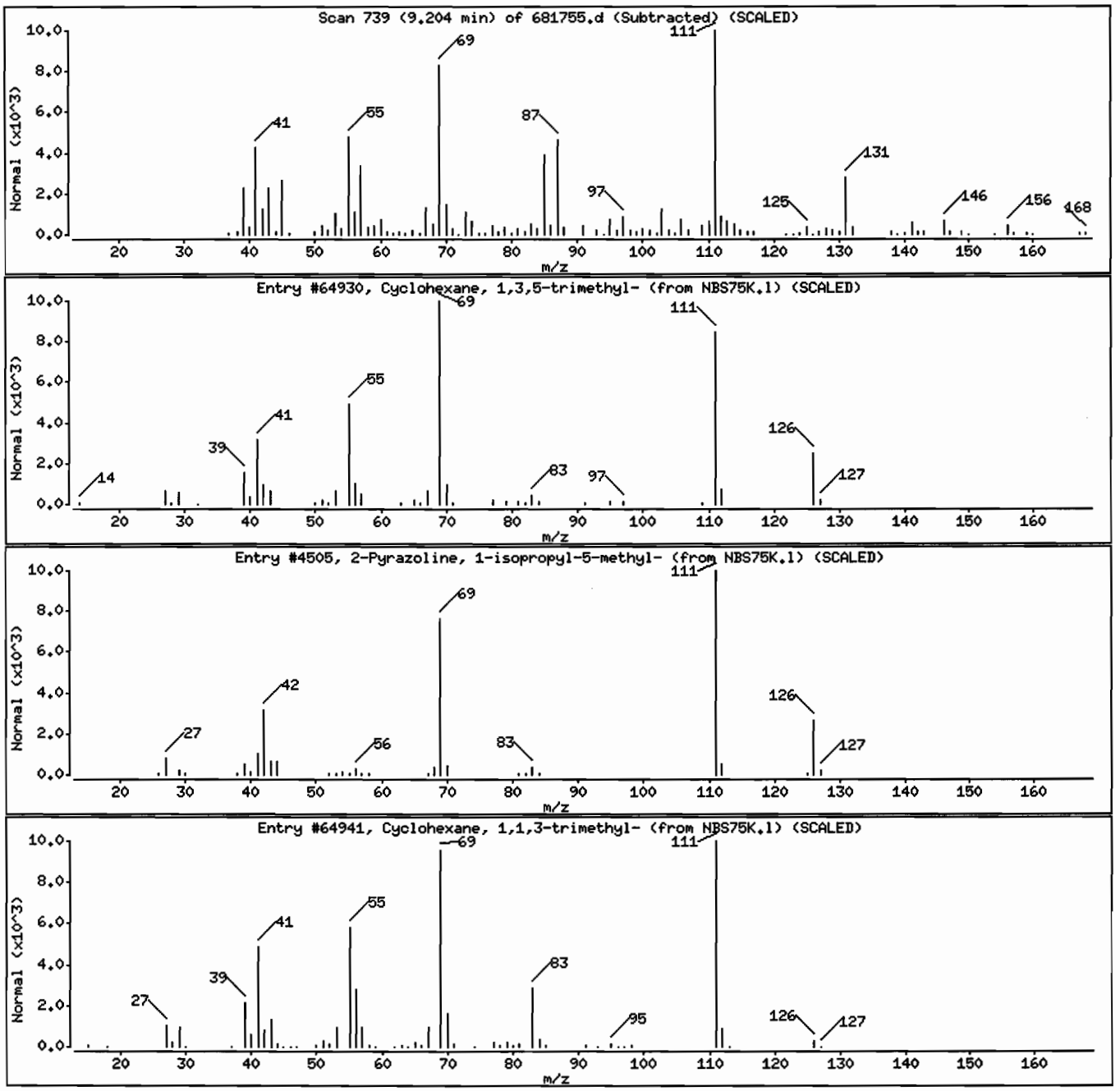
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown aliphatic compound						
Cyclohexane, 1,3,5-trimethyl-	1839-63-0	NBS75K.l	64930	43	C9H18	126
2-Pyrazoline, 1-isopropyl-5-methyl-	26964-54-5	NBS75K.l	4505	43	C7H14N2	126
Cyclohexane, 1,1,3-trimethyl-	3073-66-3	NBS75K.l	64941	43	C9H18	126



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

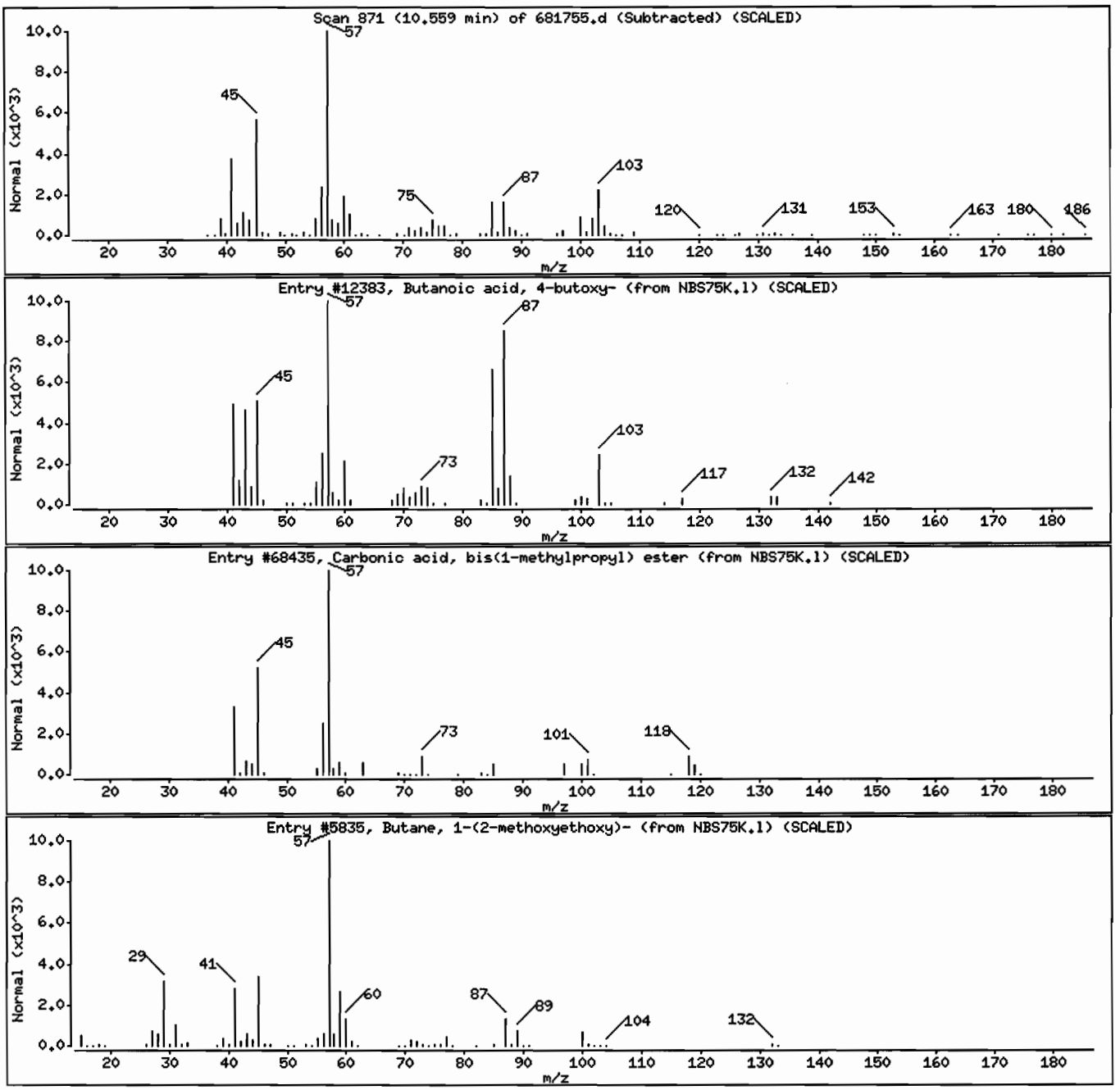
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Butanoic acid, 4-butoxy-	55724-73-7	NBS75K.l	12383	35	C8H1603	160
Carbonic acid, bis(1-methylpropyl) ester	623-63-2	NBS75K.l	68435	32	C9H1803	174
Butane, 1-(2-methoxyethoxy)-	13343-98-1	NBS75K.l	5835	32	C7H1602	132



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

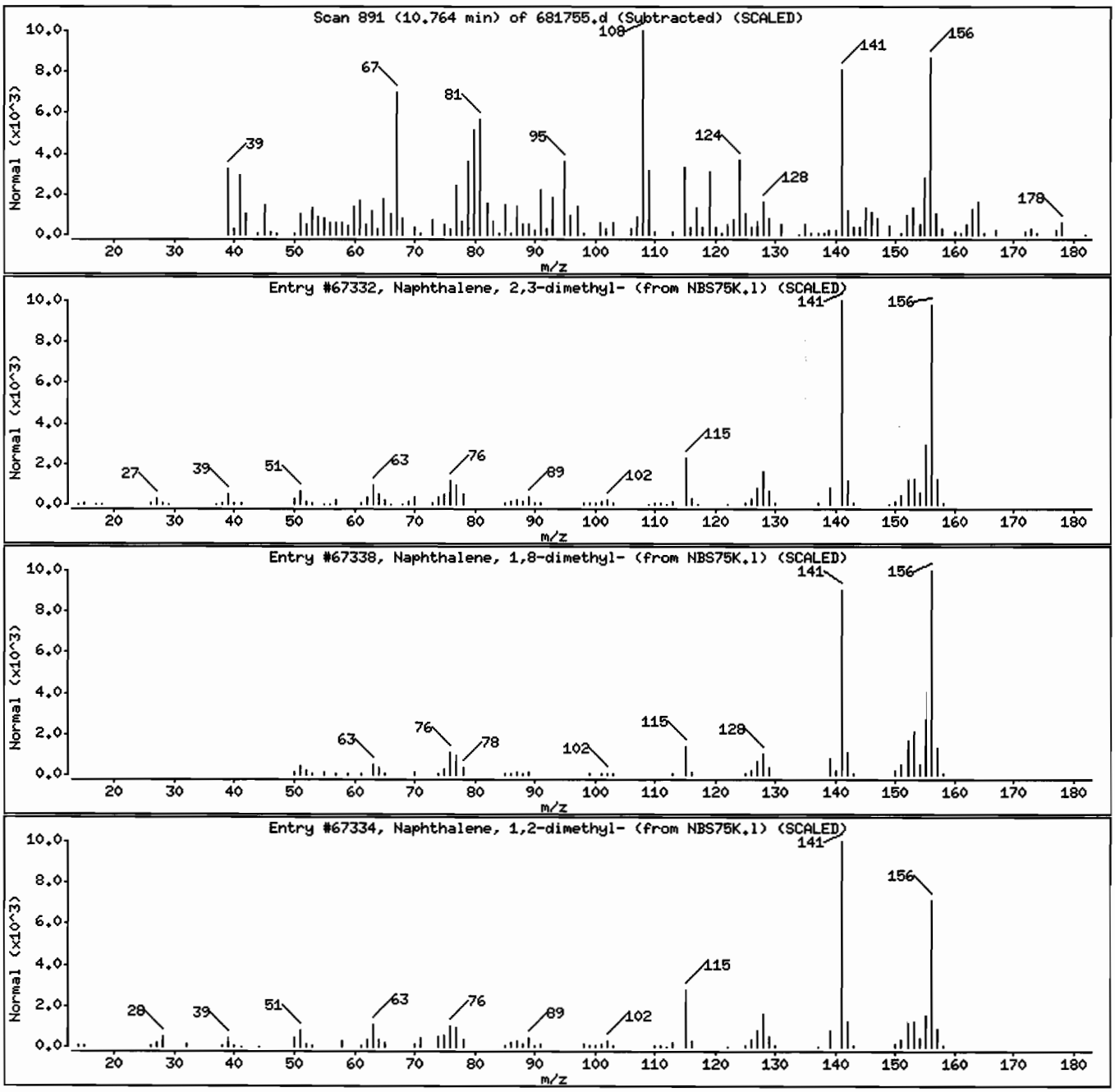
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 2,3-dimethyl-	581-40-8	NBS75K.l	67332	56	C12H12	156
Naphthalene, 1,8-dimethyl-	569-41-5	NBS75K.l	67338	42	C12H12	156
Naphthalene, 1,2-dimethyl-	573-98-8	NBS75K.l	67334	42	C12H12	156



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

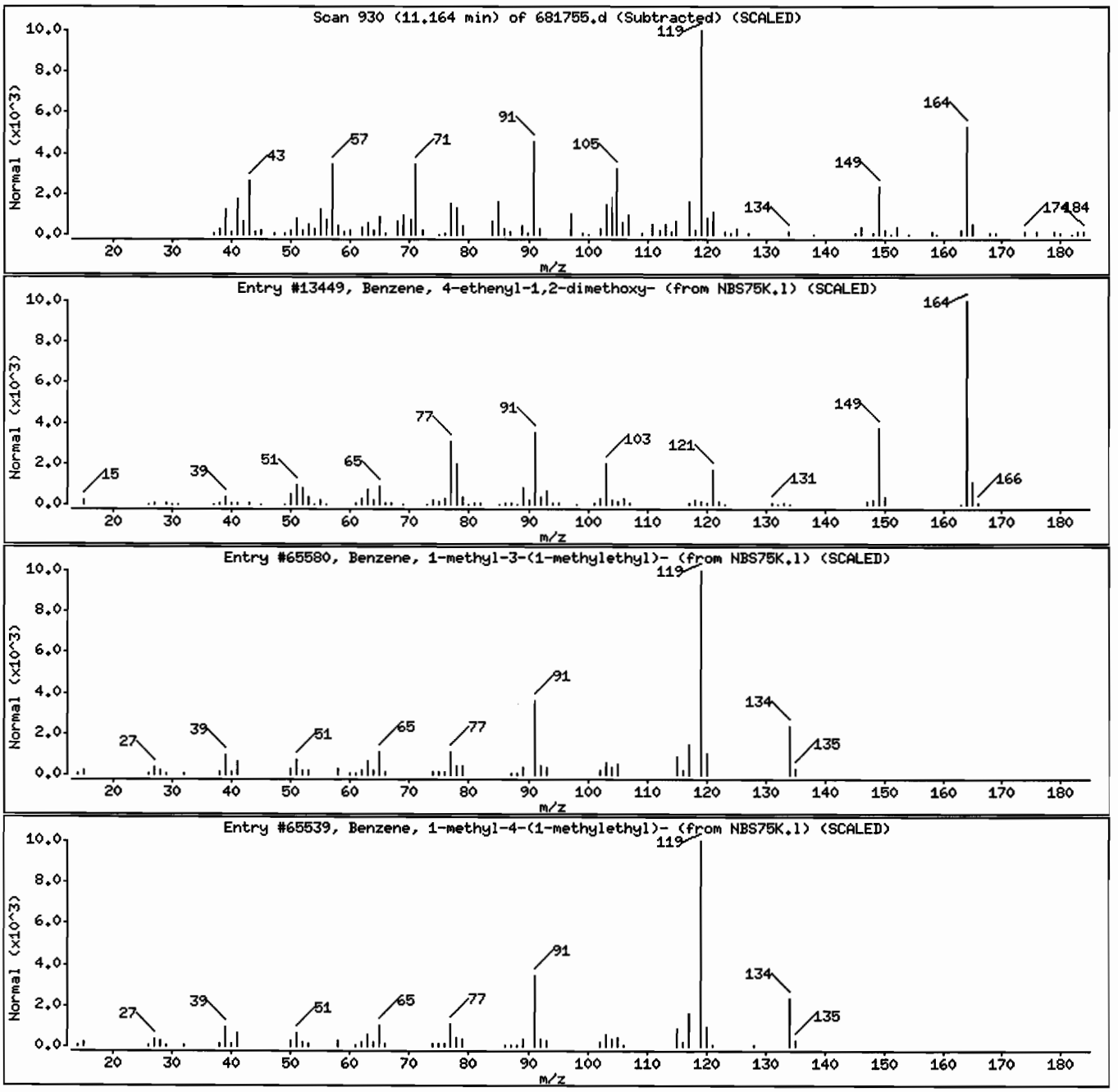
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown aromatic compound						
Benzene, 4-ethenyl-1,2-dimethoxy-	6380-23-0	NBS75K.l	13449	38	C10H1202	164
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NBS75K.l	65580	35	C10H14	134
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NBS75K.l	65539	35	C10H14	134



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

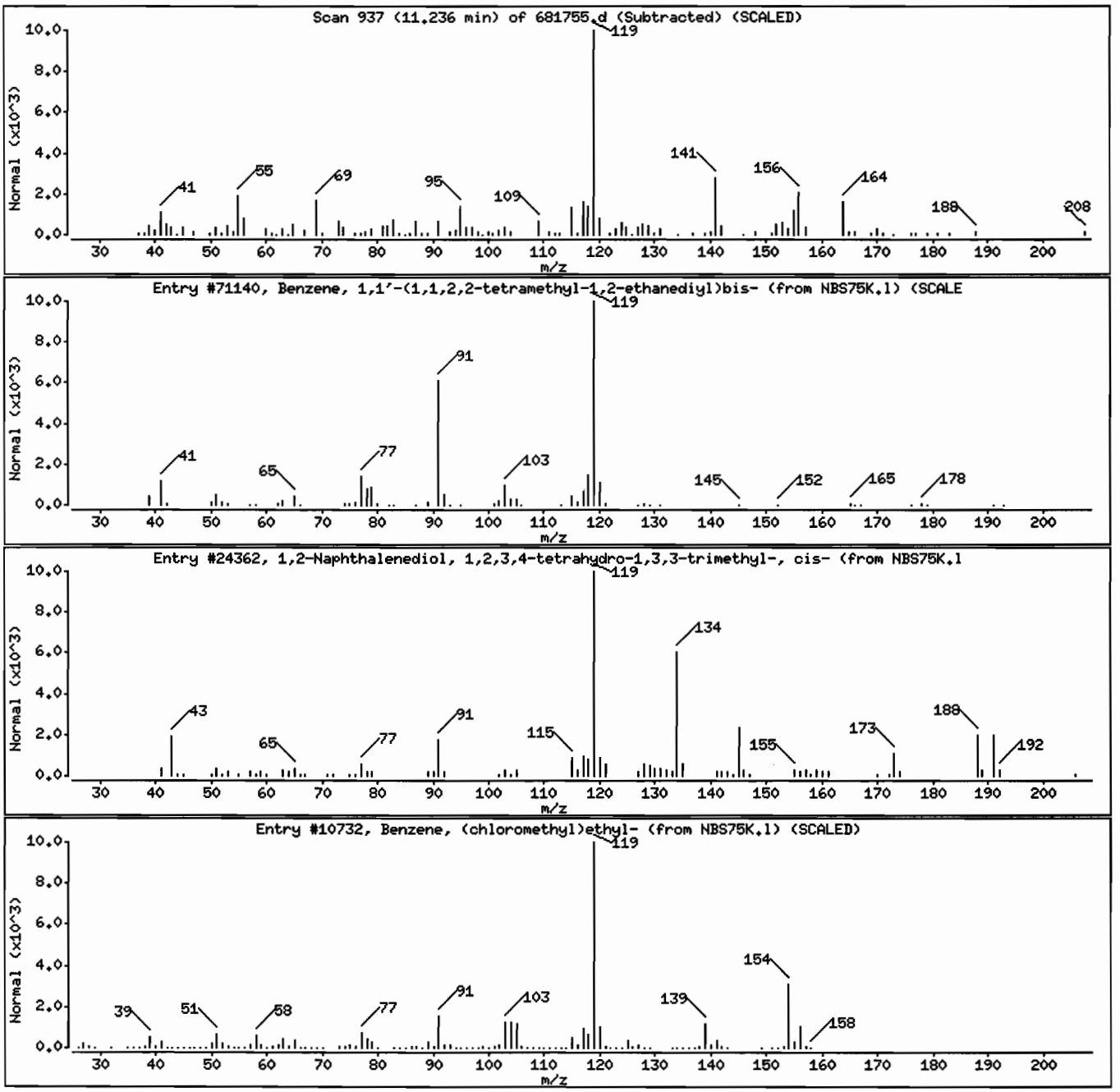
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown aromatic compound						
Benzene, 1,1'-(1,1,2,2-tetramethyl-1,2-e	1889-67-4	NBS75K.l	71140	43	C18H22	238
1,2-Naphthalenediol, 1,2,3,4-tetrahydro-	56588-37-5	NBS75K.l	24362	37	C13H18O2	206
Benzene, (chloromethyl)ethyl-	26968-58-1	NBS75K.l	10732	37	C9H11Cl	154



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

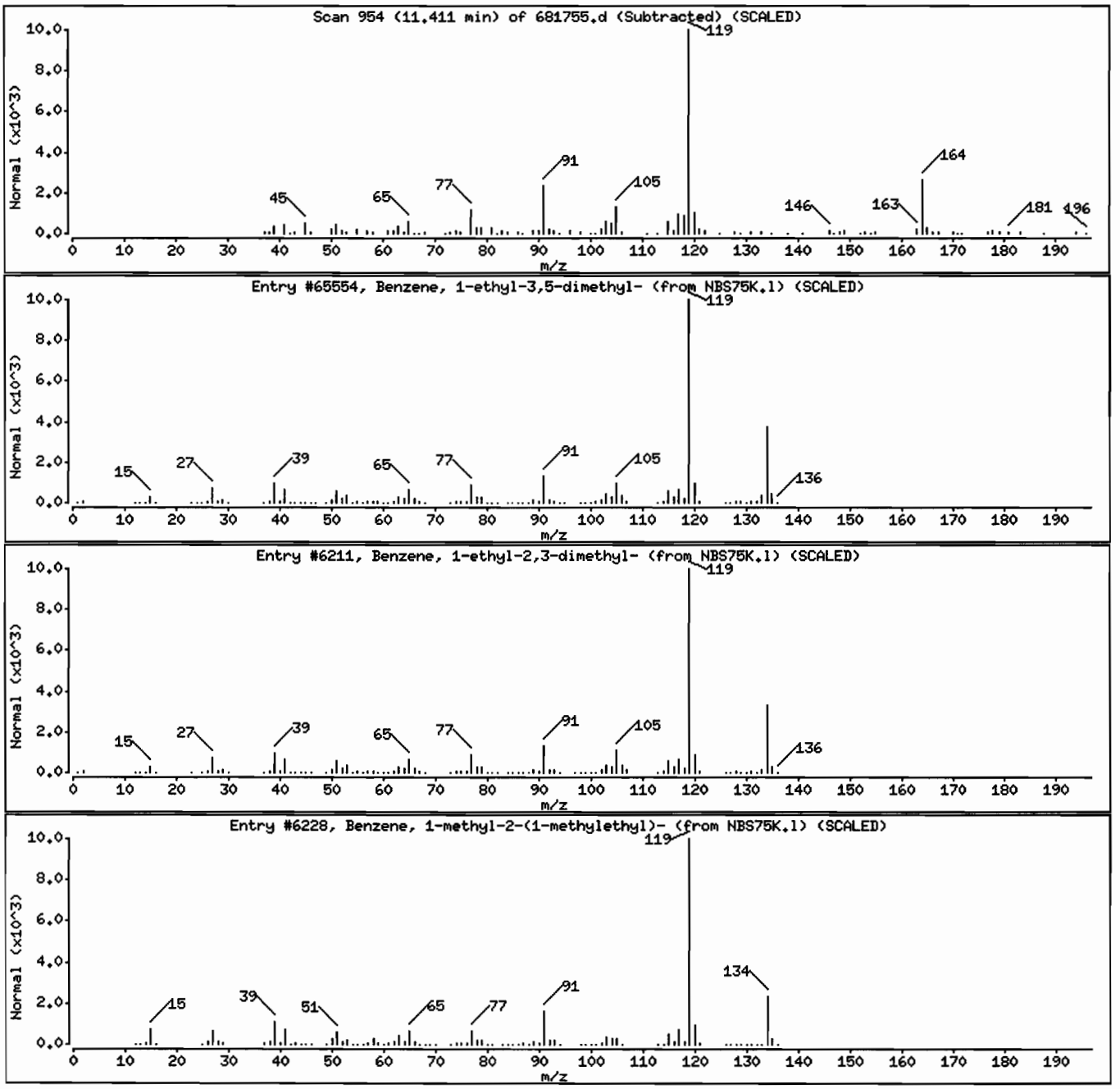
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown aromatic compound						
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NBS75K.l	65554	72	C10H14	134
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NBS75K.l	6211	64	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NBS75K.l	6228	64	C10H14	134



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

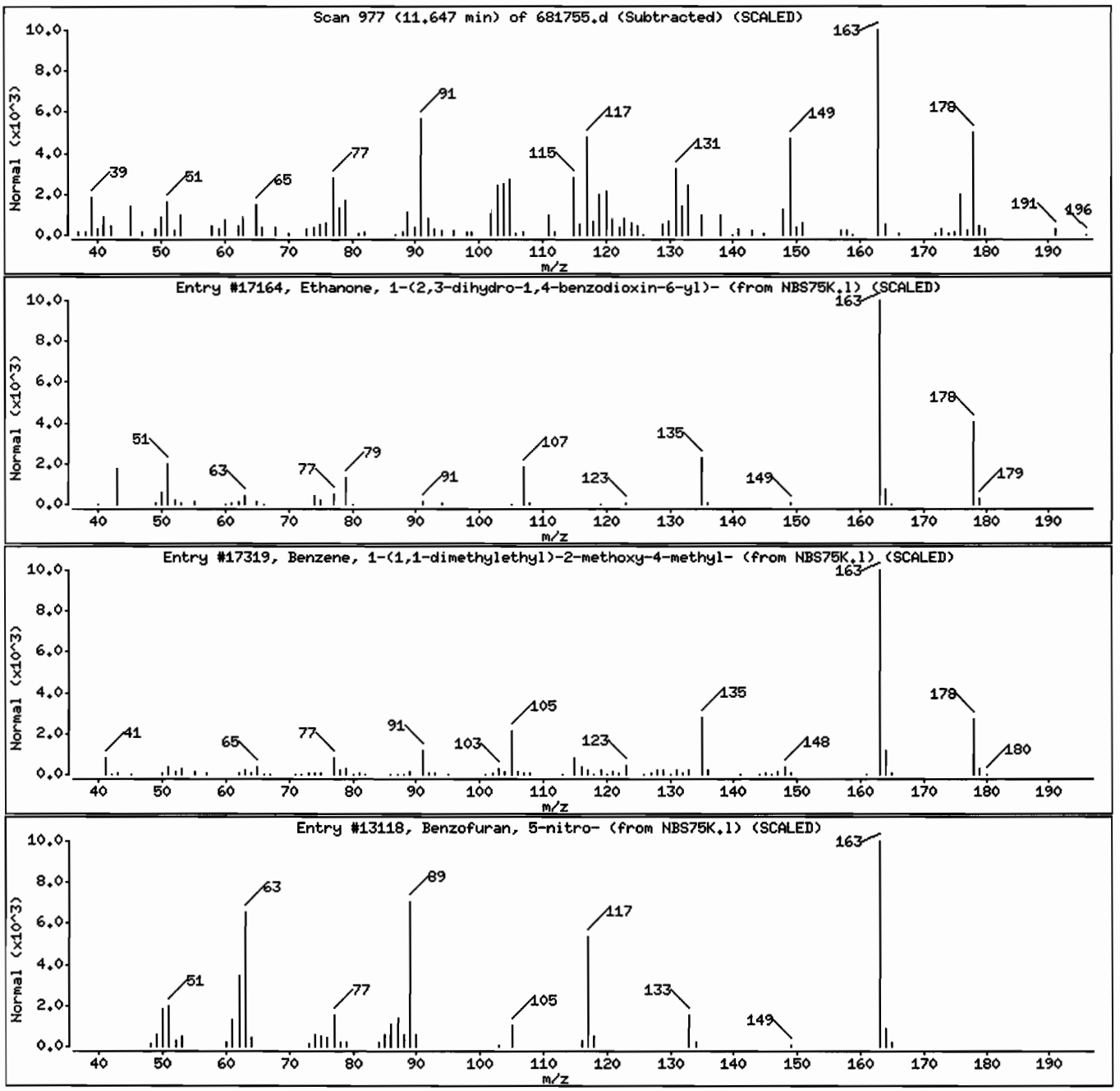
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown aromatic compound						
Ethanone, 1-(2,3-dihydro-1,4-benzodioxin	2879-20-1	NBS75K.l	17164	22	C10H10O3	178
Benzene, 1-(1,1-dimethylethyl)-2-methoxy	88-40-4	NBS75K.l	17319	22	C12H18O	178
Benzofuran, 5-nitro-	18761-31-4	NBS75K.l	13118	16	C8H5NO3	163



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

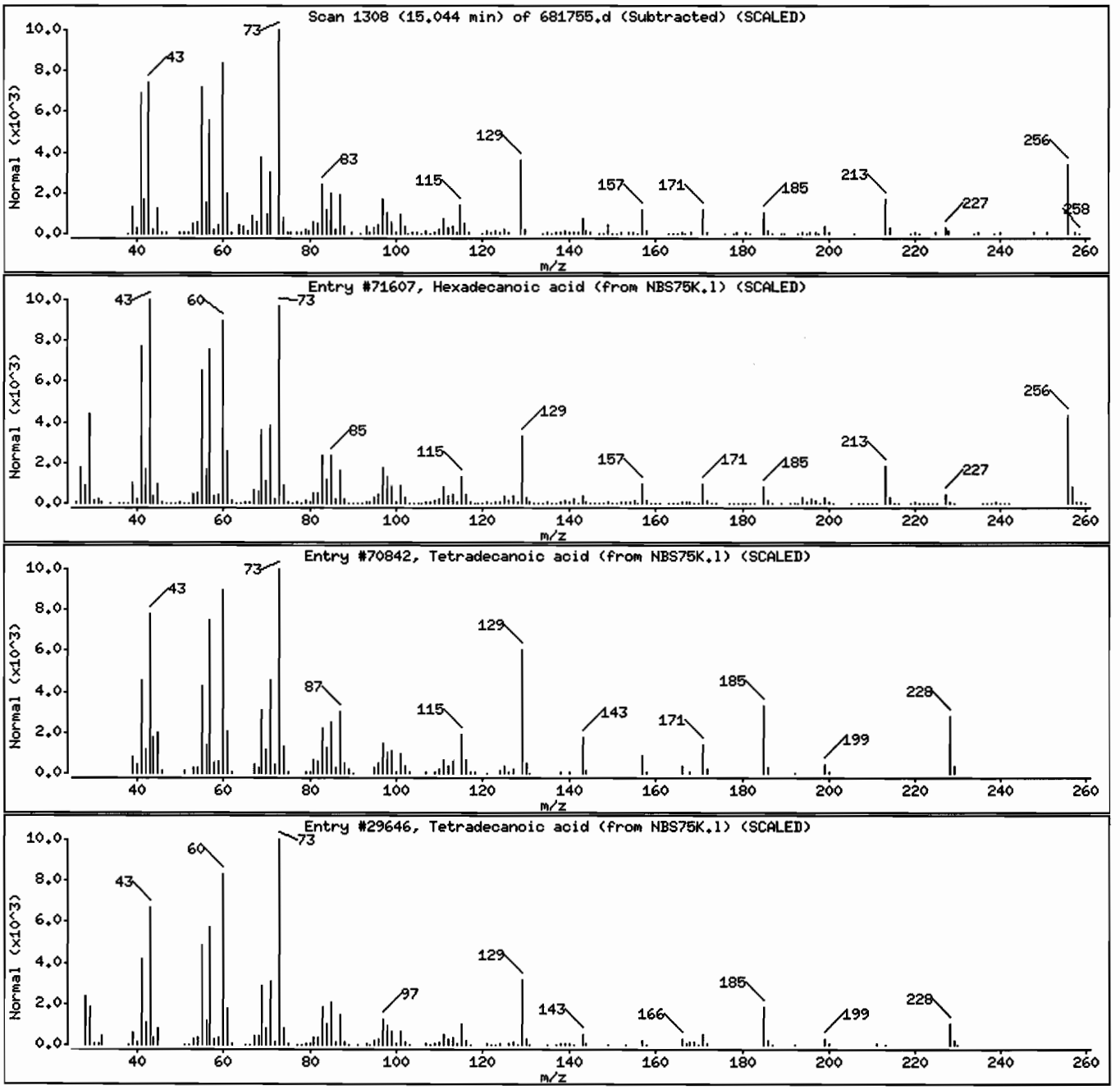
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexadecanoic acid	57-10-3	NBS75K.l	71607	98	C16H3202	256
Tetradecanoic acid	544-63-8	NBS75K.l	70842	98	C14H2802	228
Tetradecanoic acid	544-63-8	NBS75K.l	29646	96	C14H2802	228



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

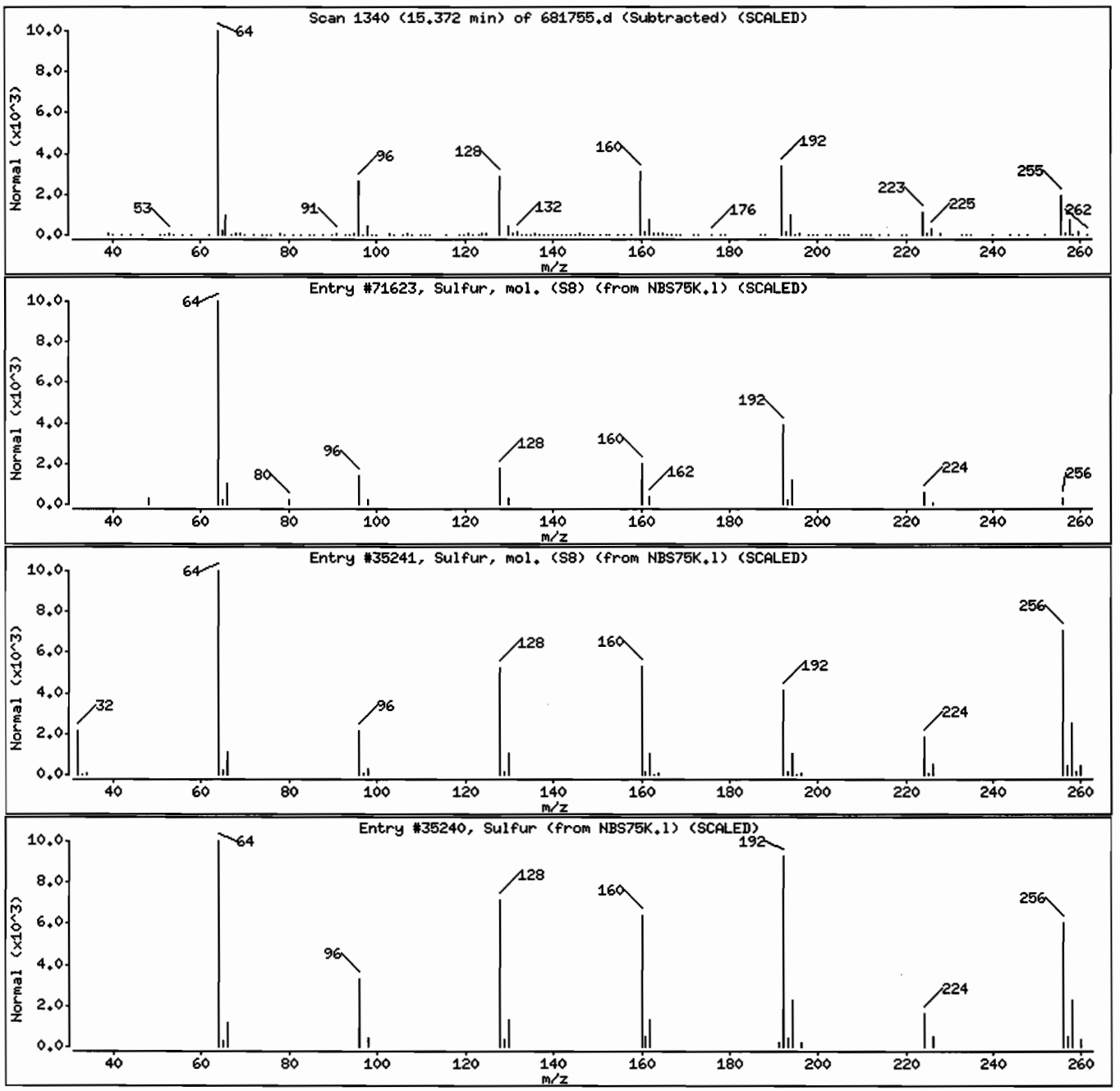
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Sulfur, mol. (S8)	10544-50-0	NBS75K.1	71623	78	S8	256
Sulfur, mol. (S8)	10544-50-0	NBS75K.1	35241	46	S8	256
Sulfur	7704-34-9	NBS75K.1	35240	43	S8	256



Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

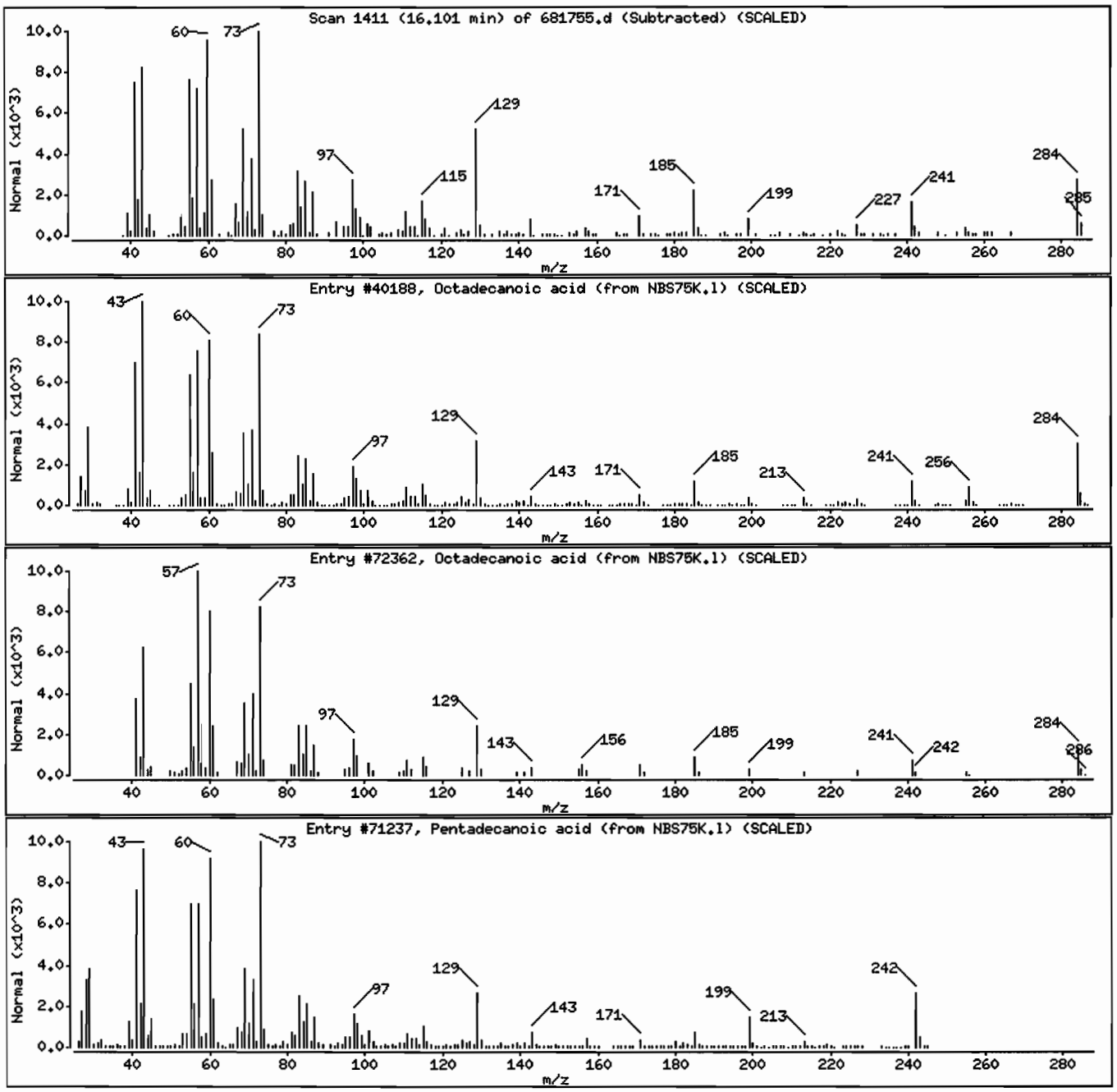
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octadecanoic acid	57-11-4	NBS75K.l	40188	95	C18H36O2	284
Octadecanoic acid	57-11-4	NBS75K.l	72362	94	C18H36O2	284
Pentadecanoic acid	1002-84-2	NBS75K.l	71237	93	C15H30O2	242



1LCB

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1DRE

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681755R1 Date Received: 09/02/06

Lab File ID: 681755 Date Extracted: 09/05/06

Sample Volume: 890.000 (mL) Date Analyzed: 10/01/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
108-95-2	Phenol	6	U
111-44-4	bis(2-Chloroethyl)Ether	6	U
95-57-8	2-Chlorophenol	6	U
108-60-1	2,2'-oxybis(1-Chloropropane)	6	U
95-48-7	2-Methylphenol	5	J
67-72-1	Hexachloroethane	6	U
621-64-7	N-Nitroso-di-n-propylamine	6	U
106-44-5	4-Methylphenol	9	
98-95-3	Nitrobenzene	6	U
78-59-1	Isophorone	6	U
88-75-5	2-Nitrophenol	6	U
105-67-9	2,4-Dimethylphenol	3	J
111-91-1	bis(2-Chloroethoxy)methane	6	U
120-83-2	2,4-Dichlorophenol	6	U
91-20-3	Naphthalene	6	
106-47-8	4-Chloroaniline	6	U
87-68-3	Hexachlorobutadiene	6	U
59-50-7	4-Chloro-3-Methylphenol	6	U
91-57-6	2-Methylnaphthalene	2	J
77-47-4	Hexachlorocyclopentadiene	6	U
88-06-2	2,4,6-Trichlorophenol	6	U
95-95-4	2,4,5-Trichlorophenol	22	U
91-58-7	2-Chloronaphthalene	6	U
88-74-4	2-Nitroaniline	22	U
131-11-3	Dimethylphthalate	6	U
208-96-8	Acenaphthylene	6	U
606-20-2	2,6-Dinitrotoluene	6	U
83-32-9	Acenaphthene	4	J
99-09-2	3-Nitroaniline	22	U

1LCC

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1DRE

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681755R1 Date Received: 09/02/06

Lab File ID: 681755 Date Extracted: 09/05/06

Sample Volume: 890.000 (mL) Date Analyzed: 10/01/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
51-28-5	2,4-Dinitrophenol	22	U
132-64-9	Dibenzofuran	6	U
100-02-7	4-Nitrophenol	22	U
121-14-2	2,4-Dinitrotoluene	6	U
86-73-7	Fluorene	2	J
84-66-2	Diethylphthalate	6	U
7005-72-3	4-Chlorophenyl-phenylether	6	U
100-01-6	4-Nitroaniline	22	U
534-52-1	4,6-Dinitro-2-methylphenol	22	U
86-30-6	N-nitrosodiphenylamine (1)	6	U
101-55-3	4-Bromophenyl-phenylether	6	U
118-74-1	Hexachlorobenzene	6	U
87-86-5	Pentachlorophenol	22	U
85-01-8	Phenanthrene	1	J
120-12-7	Anthracene	6	U
84-74-2	Di-n-butylphthalate	6	U
206-44-0	Fluoranthene	6	U
129-00-0	Pyrene	6	U
85-68-7	Butylbenzylphthalate	6	U
56-55-3	Benzo(a)anthracene	6	U
91-94-1	3,3'-Dichlorobenzidine	6	U
218-01-9	Chrysene	6	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	J
117-84-0	Di-n-octylphthalate	6	U
205-99-2	Benzo(b)fluoranthene	6	U
207-08-9	Benzo(k)fluoranthene	6	U
50-32-8	Benzo(a)pyrene	6	U
193-39-5	Indeno(1,2,3-cd)pyrene	6	U
53-70-3	Dibenz(a,h)anthracene	6	U
191-24-2	Benzo(g,h,i)perylene	6	U

(1) - Cannot be separated from Diphenylamine

1LCF

EPA SAMPLE NO.

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW-1DRE

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681755R1 Date Received: 09/02/06

Lab File ID: 681755 Date Extracted: 09/05/06

Sample Volume: 890.000 (mL) Date Analyzed: 10/01/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

Number TICs found: 22

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC. (ug/L)	Q
1.	123-42-2	2-PENTANONE, 4-HYDROXY-4-MET	3.98	21	NJAB
2.	98-82-8	BENZENE, (1-METHYLETHYL)-	5.23	12	NJ
3.		UNKNOWN ALIPHATIC COMPOUND	5.48	12	J
4.	103-65-1	BENZENE, PROPYL-	5.65	20	NJ
5.	611-14-3	BENZENE, 1-ETHYL-2-METHYL-	5.77	81	NJ
6.	95-36-3	1,2,4-TRIMETHYLBENZENE	5.86	85	NJ
7.	611-14-3	BENZENE, 1-ETHYL-2-METHYL-	6.01	25	NJ
8.	526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.21	74	NJ
9.	526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.59	28	NJ
10.	93-53-8	BENZENEACETALDEHYDE, .ALPHA.	7.13	12	NJ
11.		UNKNOWN ALIPHATIC COMPOUND	7.85	200	J
12.	38651-65-9	BICYCLO[3.1.1]HEPTAN-2-ONE,	8.00	12	NJ
13.		UNKNOWN ALIPHATIC COMPOUND	9.20	25	J
14.		UNKNOWN	10.56	89	J
15.	581-40-8	NAPHTHALENE, 2,3-DIMETHYL-	10.76	17	NJ
16.		UNKNOWN AROMATIC COMPOUND	11.16	26	J
17.		UNKNOWN AROMATIC COMPOUND	11.24	22	J
18.		UNKNOWN AROMATIC COMPOUND	11.41	11	J
19.		UNKNOWN AROMATIC COMPOUND	11.65	13	J
20.	57-10-3	HEXADECANOIC ACID	15.04	39	NJ
21.	10544-50-0	SULFUR, MOL. (S8)	15.37	560	NJ
22.	57-11-4	OCTADECANOIC ACID	16.10	26	NJ
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: /chem/P.i/Psvr.p/pafb8270.b/681755.d

Page 1

Date : 01-OCT-2006 13:12

Client ID: MW-1DRE

Instrument: P.i

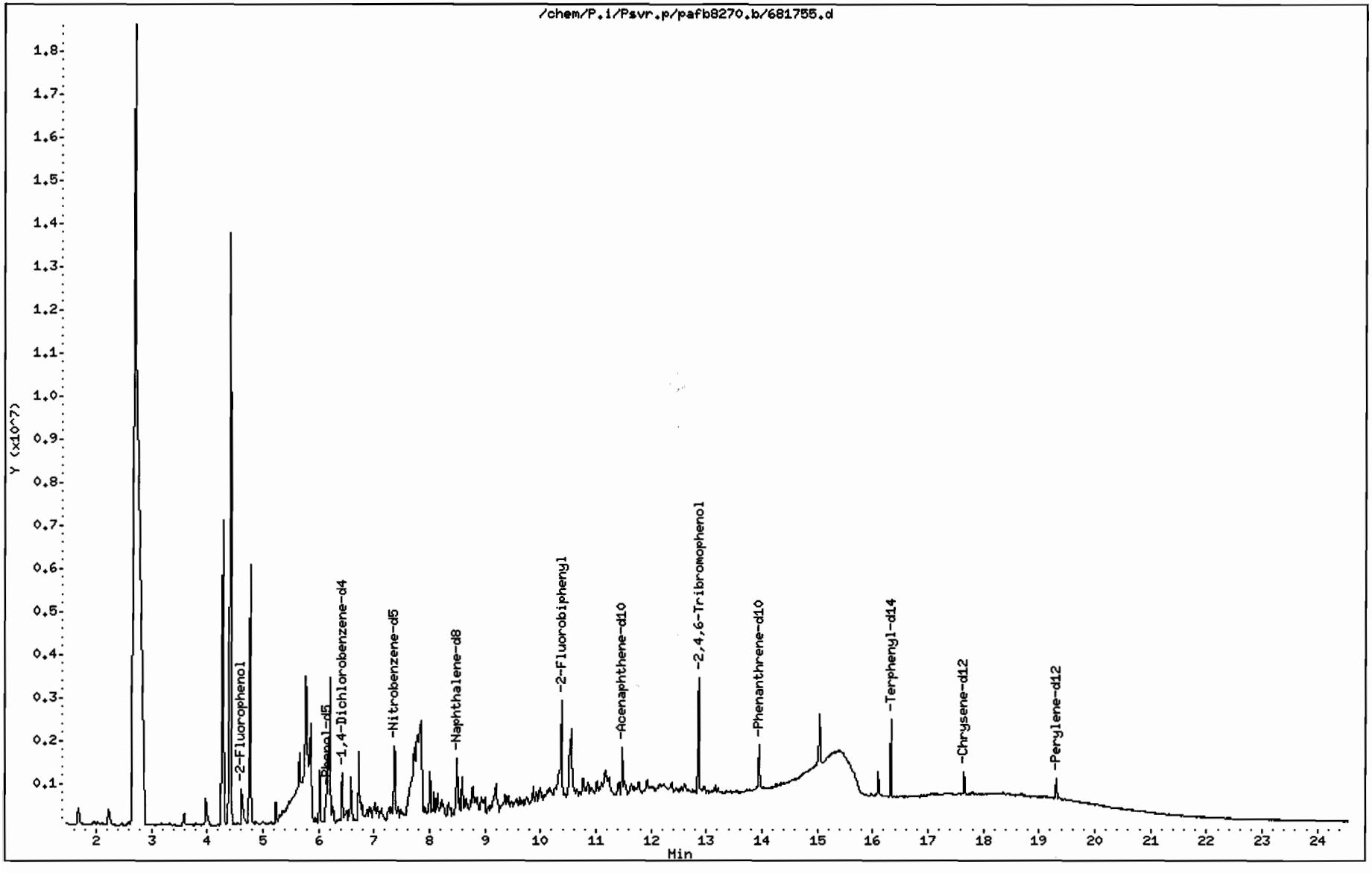
Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681755.d
Lab Smp Id: 681755 Client Smp ID: MW-1D
Inj Date : 30-SEP-2006 21:19
Operator : prp Inst ID: P.i
Smp Info : MW-1D :[ ]08/31/06 @1230(WATER)
Misc Info : 681755,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 14:54 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	890.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
$	2 2-Fluorophenol	112	4.677	4.630	(0.721)	757272	36.4905	41
$	4 Phenol-d5	99	6.186	6.118	(0.954)	940064	37.0312	42
	5 Phenol	94	Compound Not Detected.					
	6 bis(2-Chloroethyl)Ether	93	Compound Not Detected.					
	8 2-Chlorophenol	128	Compound Not Detected.					
*	10 1,4-Dichlorobenzene-d4	152	6.483	6.467	(1.000)	257451	20.0000	
	15 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	16 2-Methylphenol	108	7.109	7.052	(1.097)	83242	4.34179	5(a)
	17 Hexachloroethane	116	Compound Not Detected.					
	18 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	19 4-Methylphenol	108	7.366	7.288	(1.136)	172600	8.99743	10
$	20 Nitrobenzene-d5	82	7.427	7.401	(0.869)	709531	39.1422	44
	21 Nitrobenzene	77	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	22 Isophorone	82	Compound Not Detected.					
	23 2-Nitrophenol	139	Compound Not Detected.					
	24 2,4-Dimethylphenol	107	8.187	8.130	(0.958)	48924	2.90263	3(aMH)
	25 bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	26 2,4-Dichlorophenol	162	Compound Not Detected.					
*	29 Naphthalene-d8	136	8.546	8.530	(1.000)	836442	20.0000	
	30 Naphthalene	128	8.577	8.561	(1.004)	260105	5.43812	6
	31 4-Chloroaniline	127	Compound Not Detected.					
	32 Hexachlorobutadiene	224	Compound Not Detected.					
	33 4-Chloro-3-Methylphenol	107	Compound Not Detected.					
	34 2-Methylnaphthalene	142	9.747	9.731	(1.141)	57444	2.00834	2(a)
	35 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	36 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	37 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	38 2-Fluorobiphenyl	172	10.434	10.418	(0.905)	1004754	37.0792	42
	39 2-Chloronaphthalene	162	Compound Not Detected.					
	40 2-Nitroaniline	65	Compound Not Detected.					
	42 Acenaphthylene	152	Compound Not Detected.					
	41 Dimethylphthalate	163	Compound Not Detected.					
	43 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	44 Acenaphthene-d10	164	11.533	11.516	(1.000)	383449	20.0000	
	45 Acenaphthene	153	11.574	11.568	(1.004)	63651	3.02539	3(a)
	46 3-Nitroaniline	138	Compound Not Detected.					
	47 2,4-Dinitrophenol	184	Compound Not Detected.					
	48 Dibenzofuran	168	Compound Not Detected.					
	49 4-Nitrophenol	109	Compound Not Detected.					
	50 2,4-Dinitrotoluene	165	Compound Not Detected.					
	51 Fluorene	166	12.436	12.430	(1.078)	37538	1.39484	2(aQM)
	52 Diethylphthalate	149	Compound Not Detected.					
	53 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	54 4-Nitroaniline	138	Compound Not Detected.					
	55 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	56 N-nitrosodiphenylamine	169	Compound Not Detected.					
$	57 2,4,6-Tribromophenol	330	12.918	12.892	(0.922)	481687	127.260	140(A)
	58 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	59 Hexachlorobenzene	283	Compound Not Detected.					
	60 Pentachlorophenol	265	Compound Not Detected.					
*	61 Phenanthrene-d10	188	14.006	13.990	(1.000)	485770	20.0000	
	62 Phenanthrene	178	14.037	14.031	(1.002)	32460	0.99104	1(a)
	63 Anthracene	178	Compound Not Detected.					
	65 Di-n-butylphthalate	149	Compound Not Detected.					
	66 Fluoranthene	202	Compound Not Detected.					
	67 Pyrene	202	Compound Not Detected.					
$	68 Terphenyl-d14	244	16.377	16.361	(0.925)	597531	51.1038	57
	69 Butylbenzylphthalate	149	Compound Not Detected.					
	70 Benzo(a)anthracene	228	Compound Not Detected.					
*	71 Chrysene-d12	240	17.711	17.695	(1.000)	213877	20.0000	
	72 3,3'-Dichlorobenzidine	252	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
73	Chrysene	228	Compound Not Detected.					
74	bis(2-Ethylhexyl)phthalate	149	17.855	17.838	(1.008)	18065	1.59316	2(a)
75	Di-n-octylphthalate	149	Compound Not Detected.					
76	Benzo(b)fluoranthene	252	Compound Not Detected.					
77	Benzo(k)fluoranthene	252	Compound Not Detected.					
78	Benzo(a)pyrene	252	Compound Not Detected.					
* 79	Perylene-d12	264	19.363	19.357	(1.000)	208787	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
81	Dibenz(a,h)anthracene	278	Compound Not Detected.					
82	Benzo(g,h,i)perylene	276	Compound Not Detected.					

QC Flag Legend

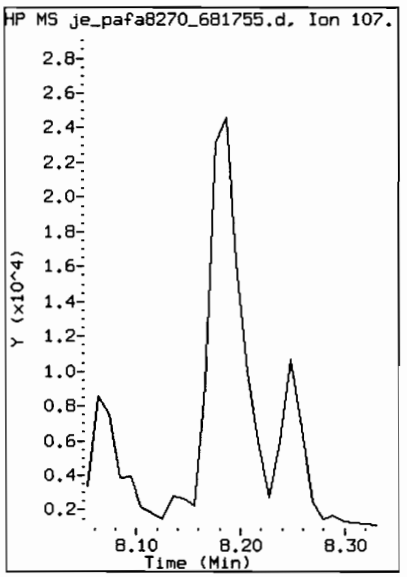
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

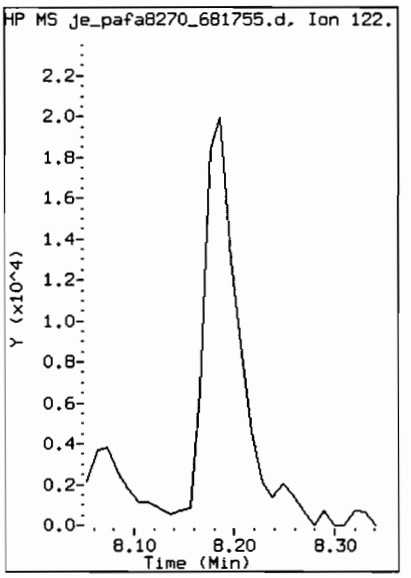
MANUAL INTEGRATION REPORT

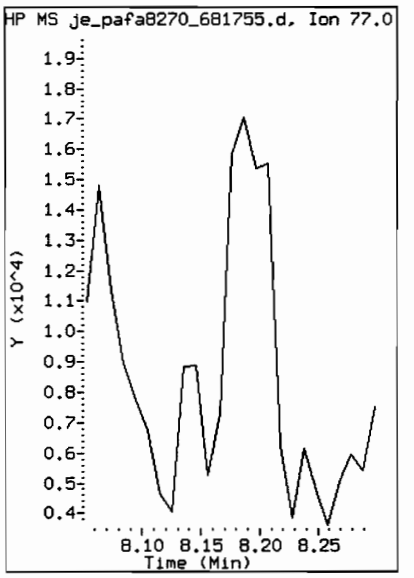
Data File Name: 681755.d
Client Sample ID: MW-1D
Compound Name: 2,4-Dimethylphenol

Inj. Date and Time: 30-SEP-2006 21:19
Instrument ID: P.i
CAS #: 105-67-9

Target Version: Target 3.50
Report Version: 1.1
Report Date: 10/02/2006 15:00

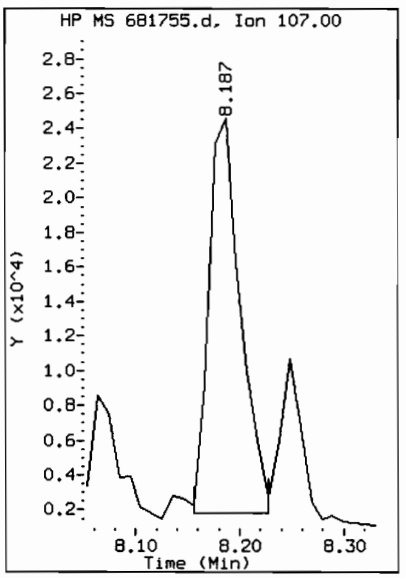


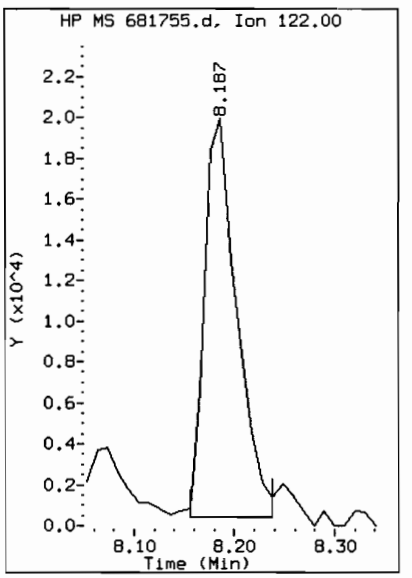


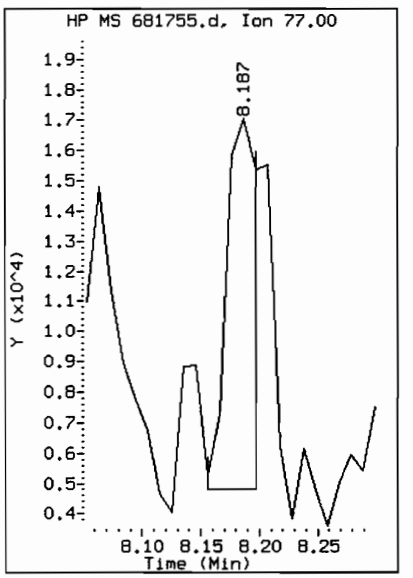


Original Integrations:

Area = 54682 Area = 47731 Area = 23402







Final Integrations:

Area = 48924 Area = 44093 Area = 22637

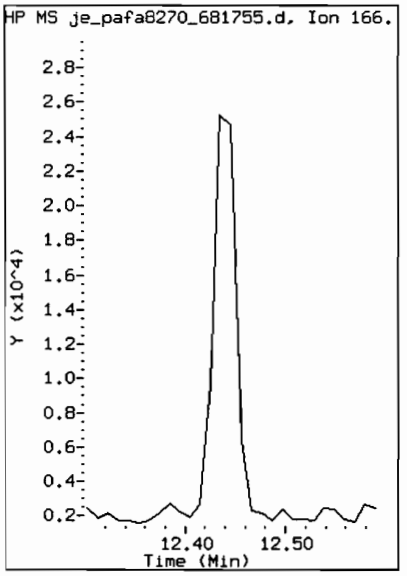
Manual Integration Reason: M2 - Mis-identification of peak

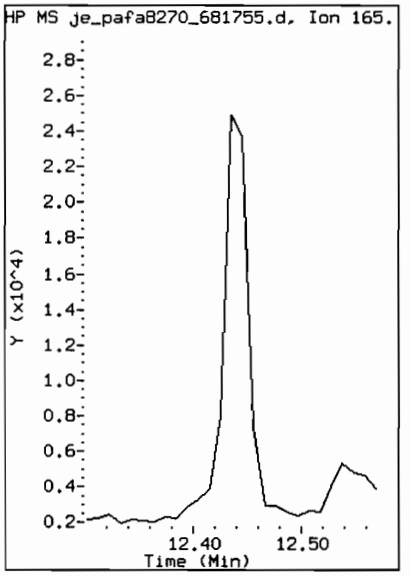
MANUAL INTEGRATION REPORT

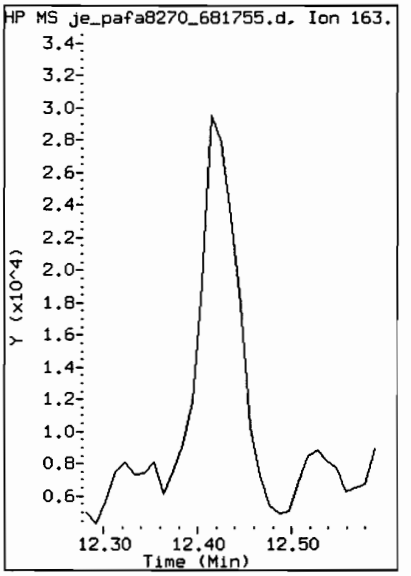
Data File Name: 681755.d
Client Sample ID: MW-1D
Compound Name: Fluorene

Inj. Date and Time: 30-SEP-2006 21:19
Instrument ID: P.i
CAS #: 86-73-7

Target Version: Target 3.50
Report Version: 1.1
Report Date: 10/02/2006 13:49

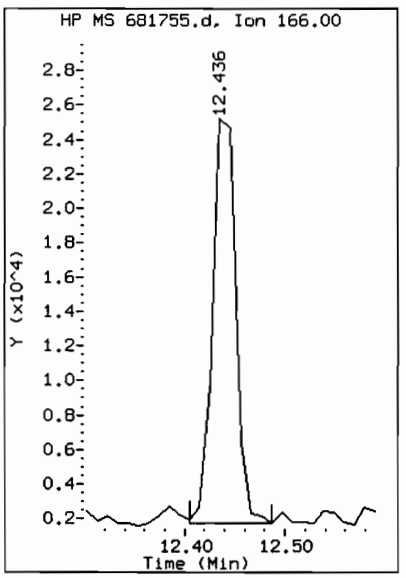


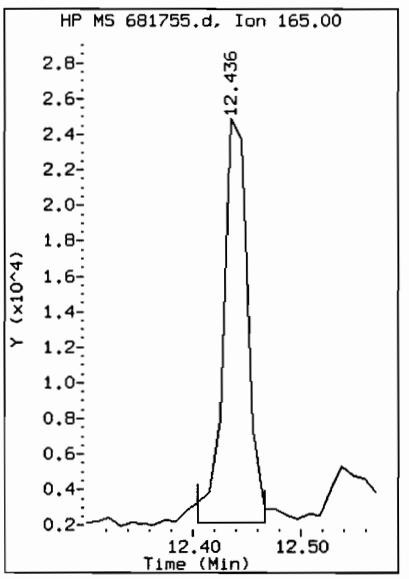


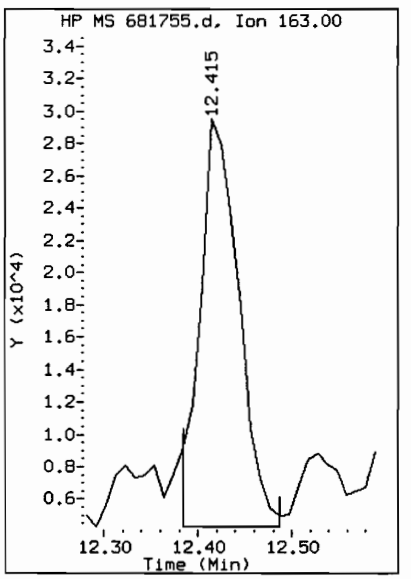


Original Integrations:

Area = 0 Area = 0 Area = 0







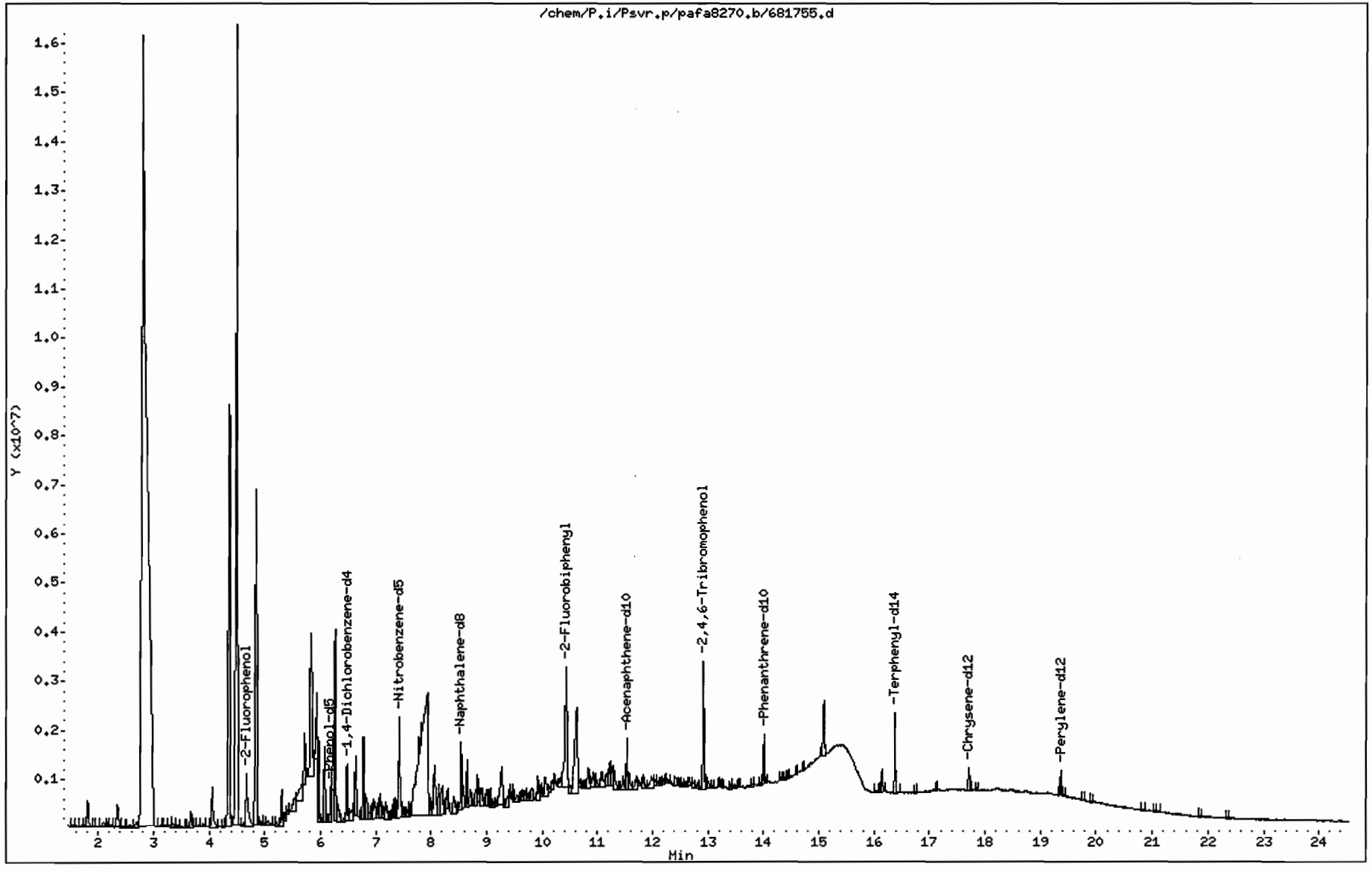
Final Integrations:

Area = 37538 Area = 36176 Area = 73625

Manual Integration Reason: M1 - Peak Missed

Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d
Date : 30-SEP-2006 21:19
Client ID: MW-1D
Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: prp
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681755.d
Lab Smp Id: 681755 Client Smp ID: MW-1D
Inj Date : 30-SEP-2006 21:19
Operator : prp Inst ID: P.i
Smp Info : MW-1D :[ ]08/31/06 @1230(WATER)
Misc Info : 681755,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	890.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 10 1,4-Dichlorobenzene-d4	6.483	1879031	20.000
* 29 Naphthalene-d8	8.546	2252613	20.000
* 44 Acenaphthene-d10	11.533	1618297	20.000
* 61 Phenanthrene-d10	14.006	1338353	20.000
* 71 Chrysene-d12	17.711	656188	20.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/L)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
2-Pentanone, 4-hydroxy-4-methyl-				CAS #: 123-42-2			
4.051	1898449	20.2066767	23	42	NBS75K.l	64274	10
Benzene, (1-methylethyl)-				CAS #: 98-82-8			
5.303	1179746	12.5569640	14	95	NBS75K.l	64554	10
Unknown aliphatic compound				CAS #:			
5.672	1551691	16.5158618	19	0		0	10
Benzene, propyl-				CAS #: 103-65-1			
5.713	1601260	17.0434600	19	91	NBS75K.l	64583	10
Benzene, 1-ethyl-3-methyl-				CAS #: 620-14-4			
5.826	6954666	74.0239468	83	95	NBS75K.l	64563	10
Benzene, 1,3,5-trimethyl-				CAS #: 108-67-8			
5.929	2504031	26.6523646	30	95	NBS75K.l	64570	10
Unknown aliphatic compound				CAS #:			
5.970	3006170	31.9970226	36	0		0	10
Benzene, 1-ethyl-2-methyl-				CAS #: 611-14-3			
6.073	2224477	23.6768446	27	95	NBS75K.l	64557	10
Benzene, 1,2,3-trimethyl-				CAS #: 526-73-8			
6.268	6676211	71.0601366	80	95	NBS75K.l	64573	10
1,2,4-Trimethylbenzene				CAS #: 95-36-3			
6.637	1948230	20.7365383	23	96	NBS75K.l	3771	10
Unknown				CAS #:			
6.842	991434	10.5526105	12	0		0	10
Benzene, 1,4-diethyl-				CAS #: 105-05-5			
6.965	1127178	11.9974404	13	96	NBS75K.l	65557	10
Benzeneacetaldehyde, .alpha.-methyl-				CAS #: 93-53-8			
7.191	1027716	10.9387851	12	64	NBS75K.l	65511	10
Unknown aliphatic compound				CAS #:			
7.940	25685805	228.053329	260	0		0	29
Bicyclo[3.1.1]heptan-2-one, 6,6-dimethyl				CAS #: 38651-65-9			
8.064	2397644	21.2876613	24	96	NBS75K.l	6957	29

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimet				CAS #: 464-49-3			
8.146	1260296	11.1896342	13	64	NBS75K.1	10342	29(L)
Benzene, 1-ethyl-3,5-dimethyl-				CAS #: 934-74-7			
8.207	1610376	14.2978395	16	87	NBS75K.1	65554	29
Unknown				CAS #:			
8.649	1316354	11.6873504	13	0		0	29
Unknown				CAS #:			
9.264	2023854	17.9689364	20	0		0	29
Unknown				CAS #:			
10.044	1202244	14.8581349	17	0		0	44
Unknown				CAS #:			
10.619	6434514	79.5220361	89	0		0	44
Unknown aliphatic compound				CAS #:			
11.081	960371	11.8689066	13	0		0	44
Unknown aromatic compound				CAS #:			
11.214	1152545	14.2439285	16	0		0	44
Unknown aromatic compound				CAS #:			
11.296	1414538	17.4818100	20	0		0	44
Hexadecanoic acid				CAS #: 57-10-3			
15.094	2239104	33.4605691	38	99	NBS75K.1	71607	61
Octadecanoic acid				CAS #: 57-11-4			
16.151	753808	22.9753548	26	93	NBS75K.1	40188	71

QC Flag Legend

L - Operator selected an alternate library search match.

STL Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: P.i
Lab File ID: 681755.d
Lab Smp Id: 681755
Analysis Type: SV
Quant Type: ISTD
Operator: prp
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681755,0188_MBLK090506F,1

Calibration Date: 30-SEP-2006
Calibration Time: 14:02
Client Smp ID: MW-1D
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF	
10 1,4-Dichlorobenze	234993	117496	469986	257451	9.56	
29 Naphthalene-d8	864971	432486	1729942	836442	-3.30	
44 Acenaphthene-d10	443503	221752	887006	383449	-13.54	
61 Phenanthrene-d10	632401	316200	1264802	485770	-23.19	
71 Chrysene-d12	556585	278292	1113170	213877	-61.57	<
79 Perylene-d12	565792	282896	1131584	208787	-63.10	<

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	6.47	6.14	6.80	6.48	0.25
29 Naphthalene-d8	8.53	8.20	8.86	8.55	0.19
44 Acenaphthene-d10	11.52	11.19	11.85	11.53	0.14
61 Phenanthrene-d10	13.99	13.66	14.32	14.01	0.12
71 Chrysene-d12	17.69	17.36	18.02	17.71	0.09
79 Perylene-d12	19.36	19.03	19.69	19.36	0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

STL Burlington

RECOVERY REPORT

Client Name: STLCTS
Sample Matrix: LIQUID
Lab Smp Id: 681755
Level: LOW
Data Type: MS DATA
SpikeList File: OLClcs.spk
Sublist File: OLC.sub
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681755,0188_MBLK090506F,1

Client SDG: 213609
Fraction: SV
Client Smp ID: MW-1D
Operator: prp
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 2 2-Fluorophenol	45	41	91.23	15-121
$ 4 Phenol-d5	45	42	92.58	15-115
$ 20 Nitrobenzene-d5	45	44	97.86	23-120
$ 38 2-Fluorobiphenyl	45	42	92.70	30-115
$ 57 2,4,6-Tribromophen	130	140	106.05	15-130
$ 68 Terphenyl-d14	45	57	127.76	18-140

Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[108/31/06 @1230(WATER)

Volume Injected (uL): 1.0

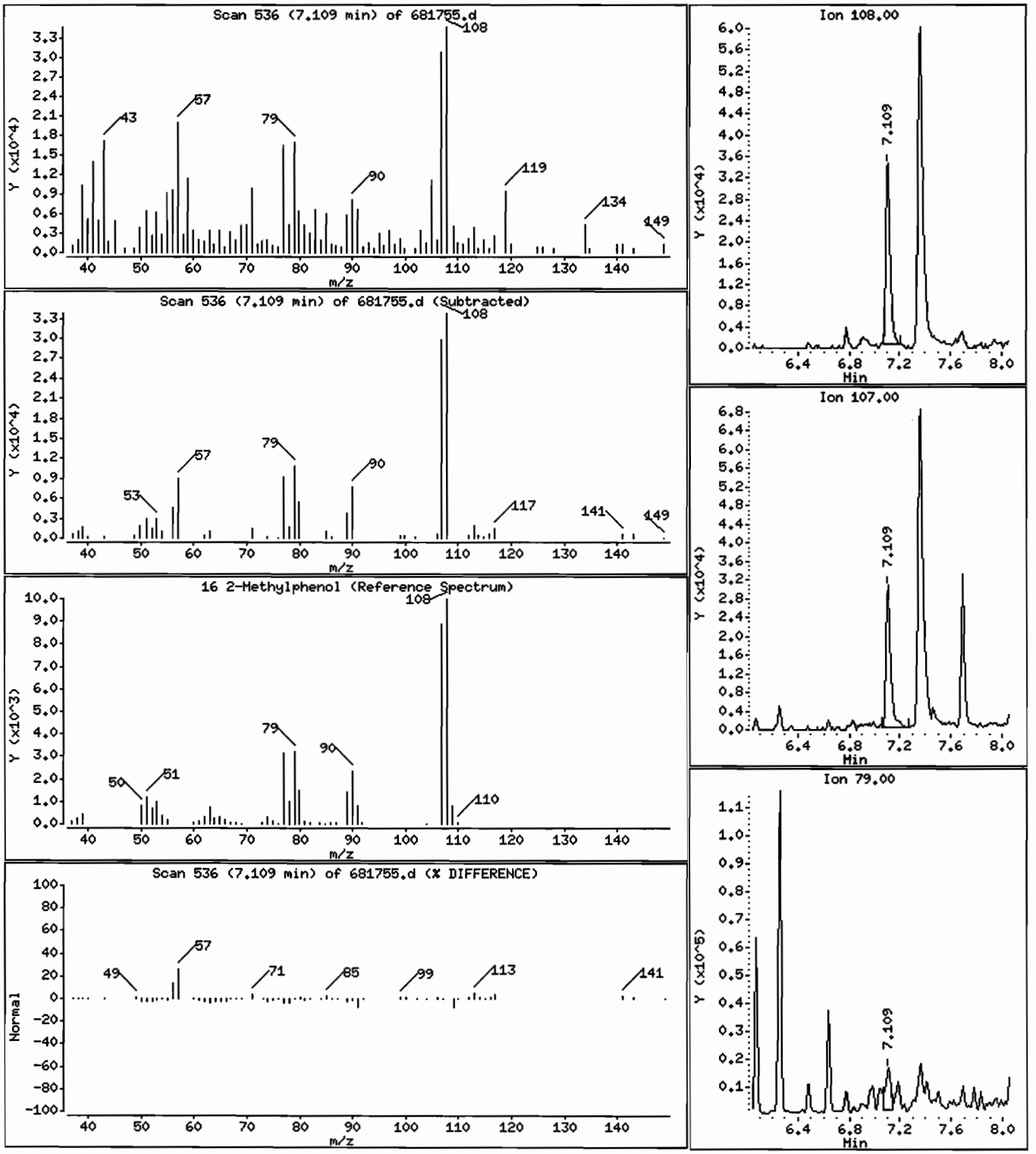
Operator: prp

Column phase: RTx-5

Column diameter: 0.25

16 2-Methylphenol

Concentration: 5 ug/L



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

Volume Injected (uL): 1.0

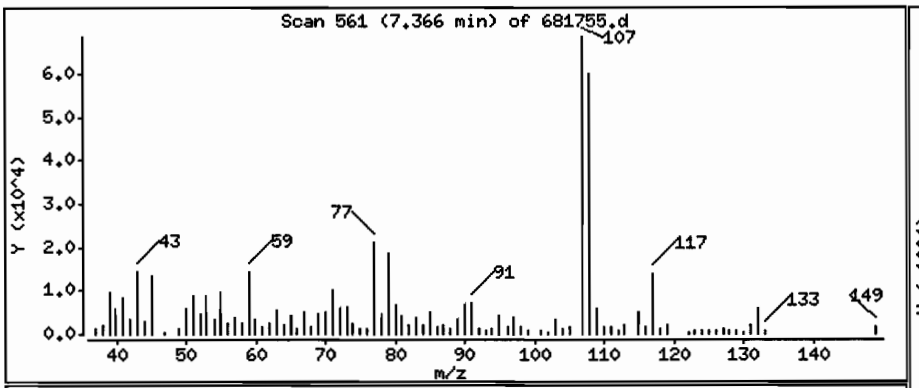
Operator: prp

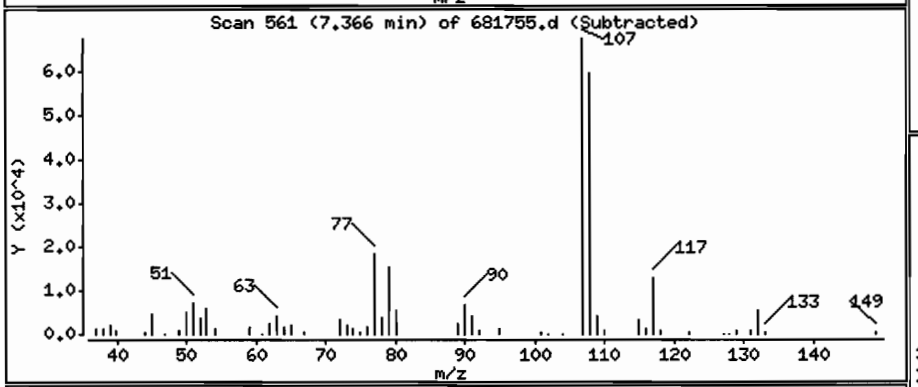
Column phase: RTx-5

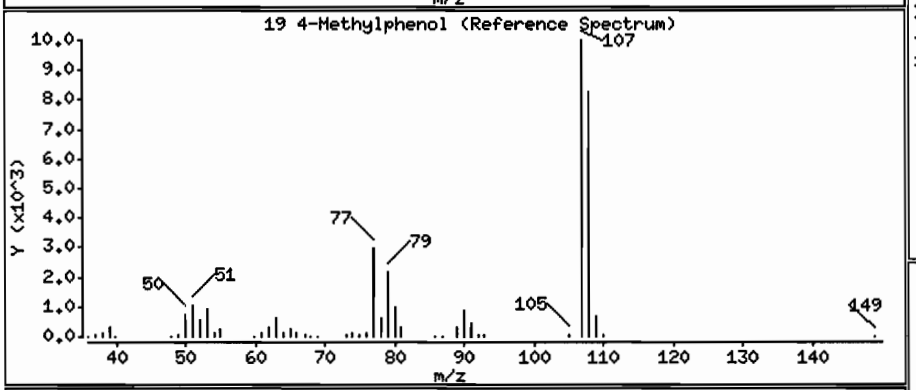
Column diameter: 0.25

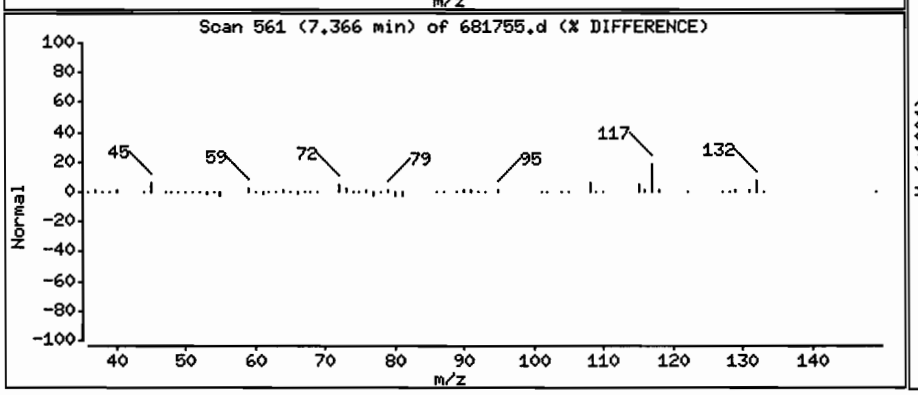
19 4-Methylphenol

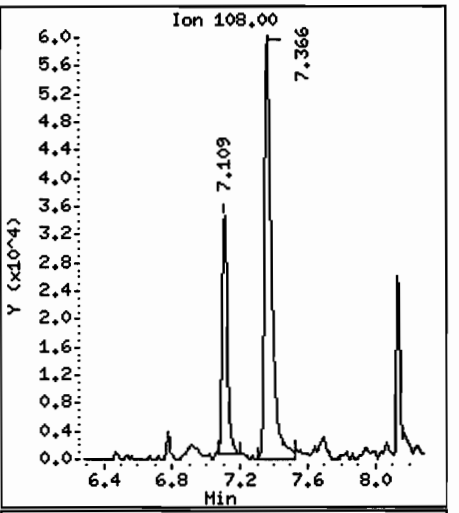
Concentration: 10 ug/L

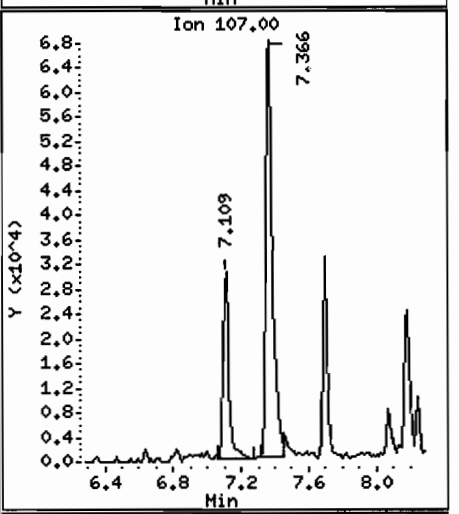


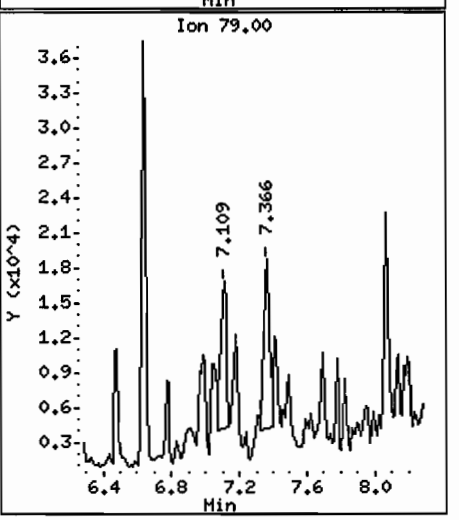












Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

Volume Injected (uL): 1.0

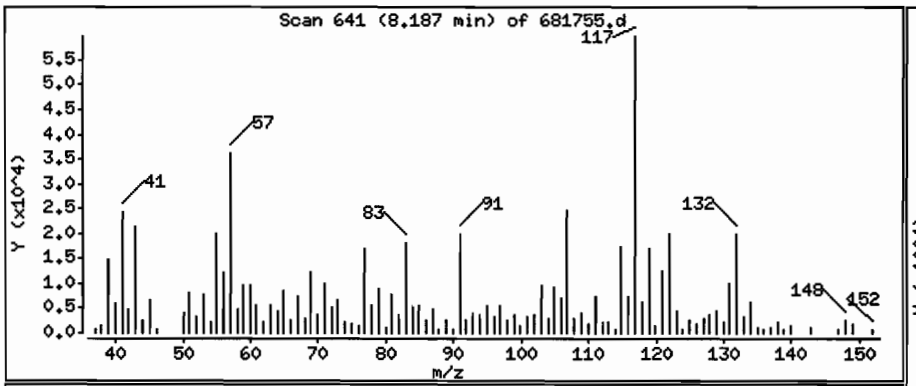
Operator: prp

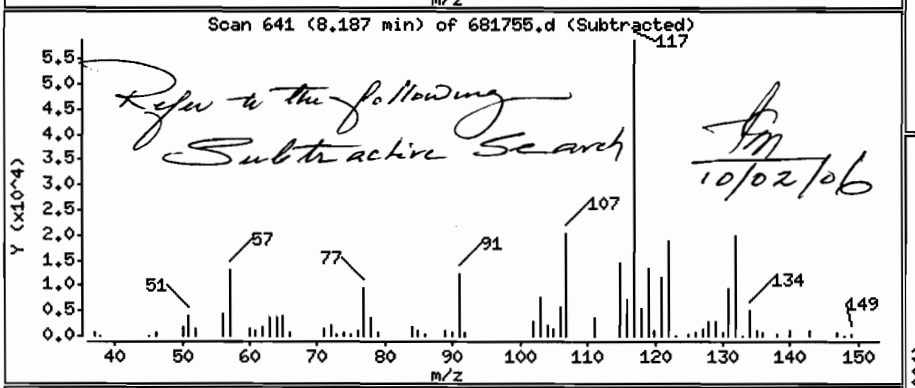
Column phase: RTx-5

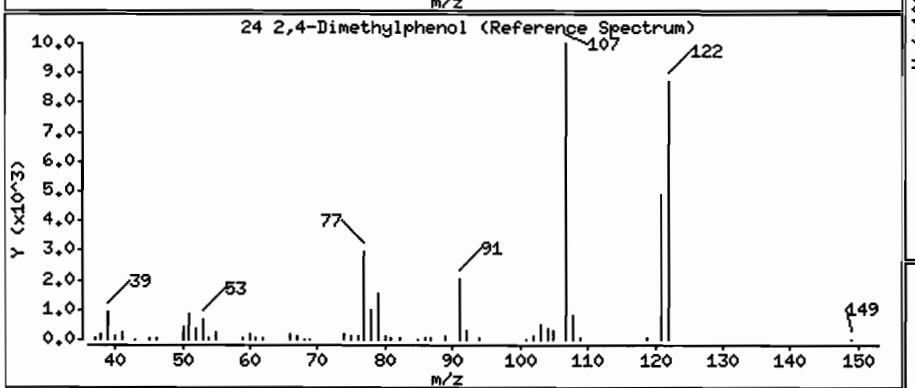
Column diameter: 0.25

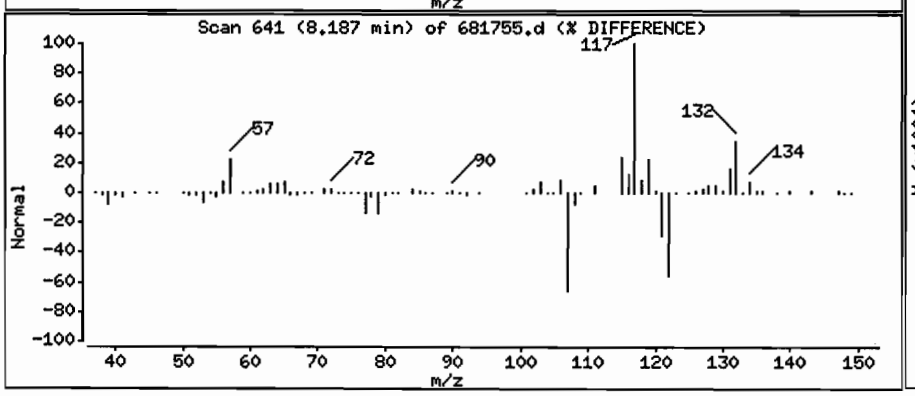
24 2,4-Dimethylphenol

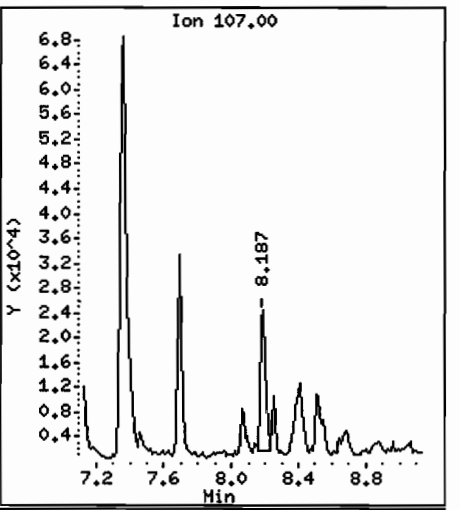
Concentration: 3 ug/L

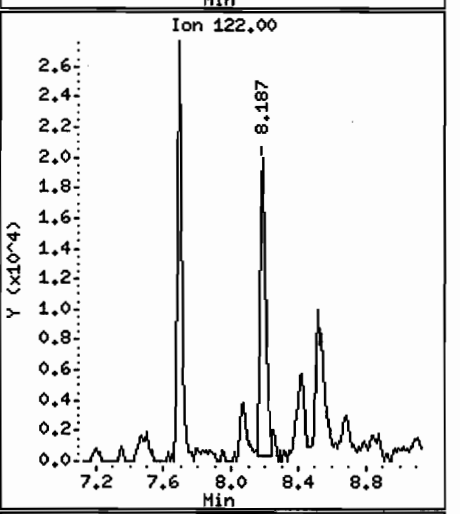


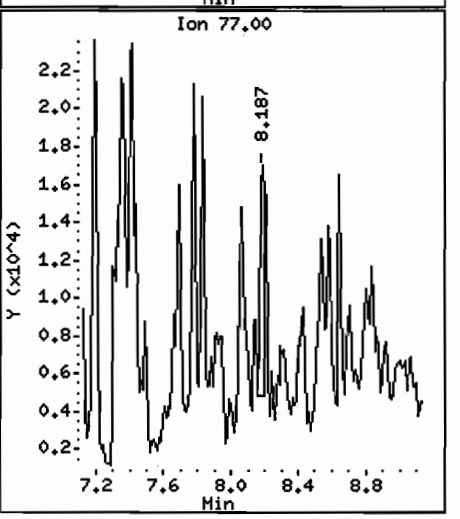


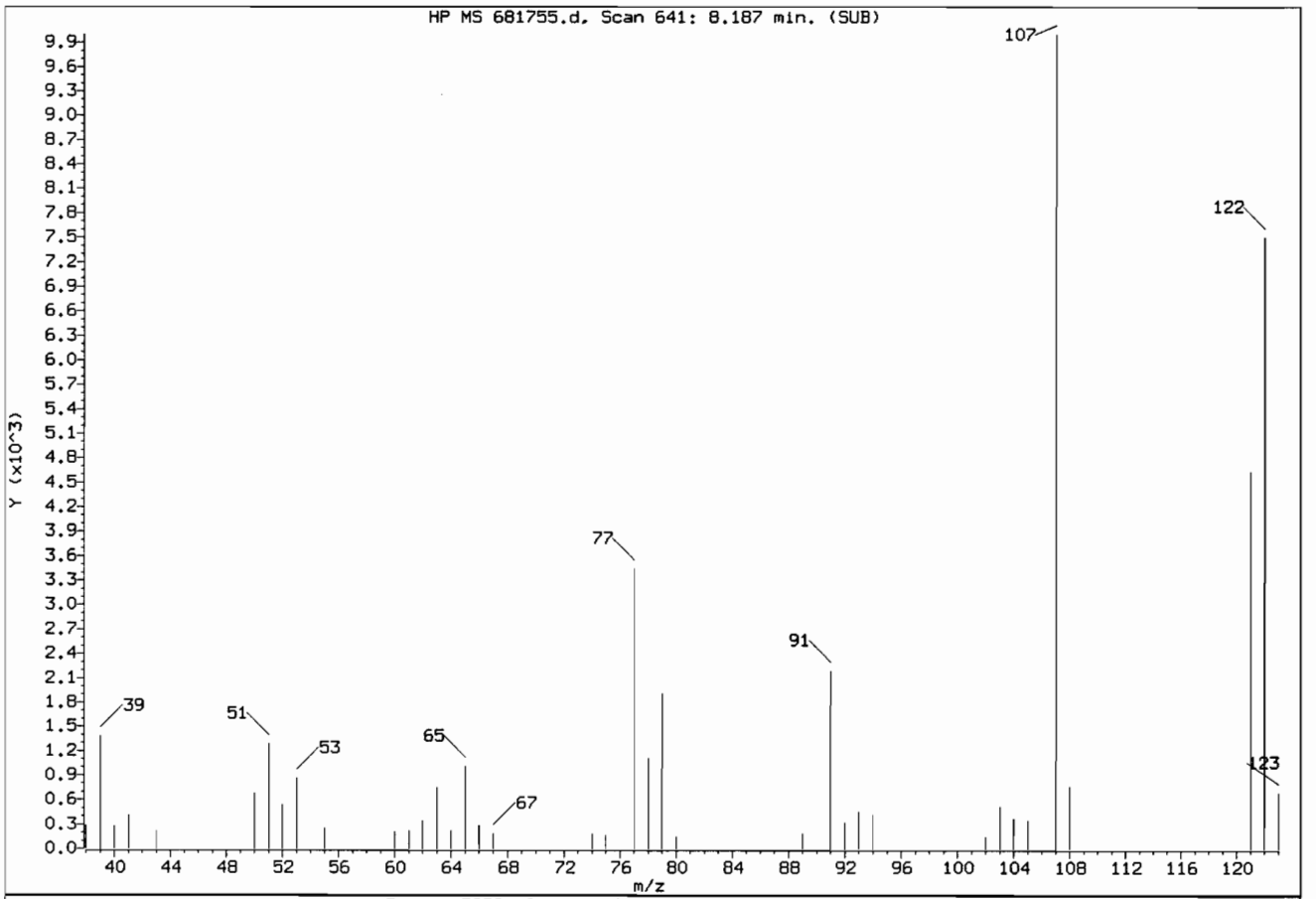


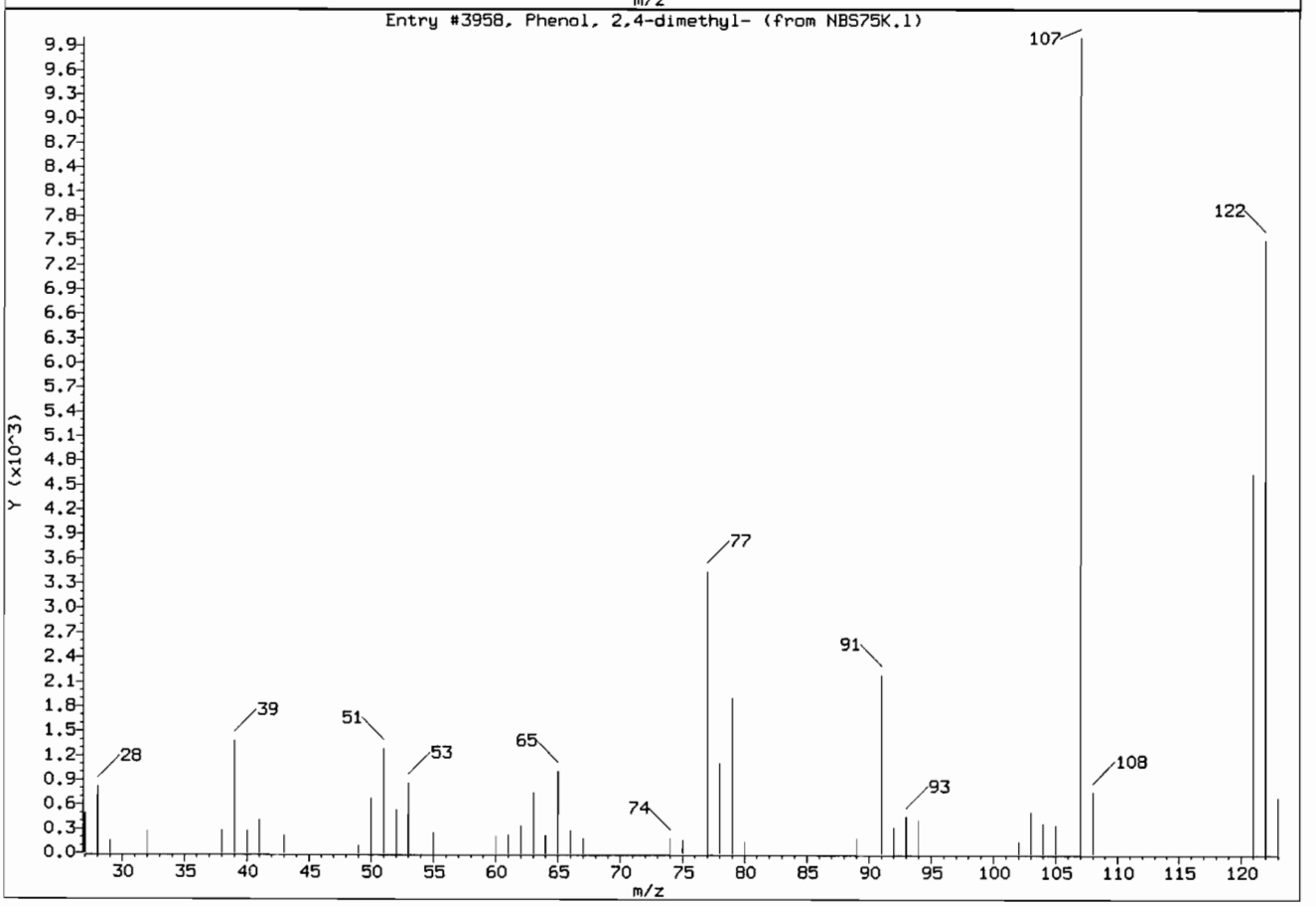









HP MS 681755.d, Scan 641: 8.187 min. (SUB)
Y (x10^3)
m/z
107
122
77
91
39
51
53
65
67
123


Entry #3958, Phenol, 2,4-dimethyl- (from NBS75K.1)
Y (x10^3)
m/z
107
122
77
91
39
51
53
65
28
74
93
108

Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

Volume Injected (uL): 1.0

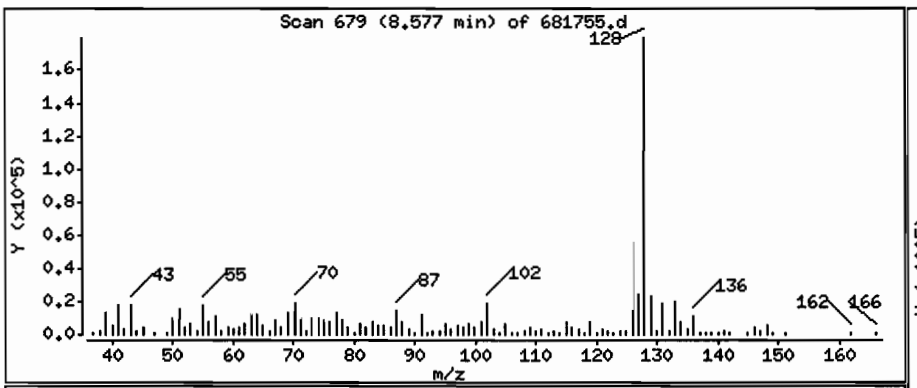
Operator: prp

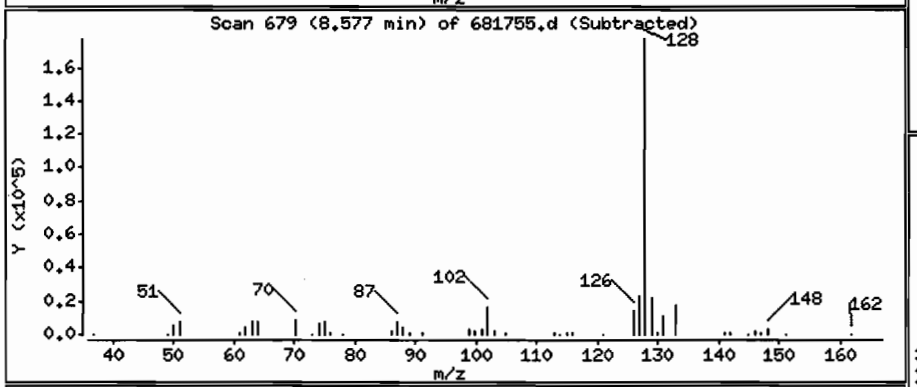
Column phase: RTx-5

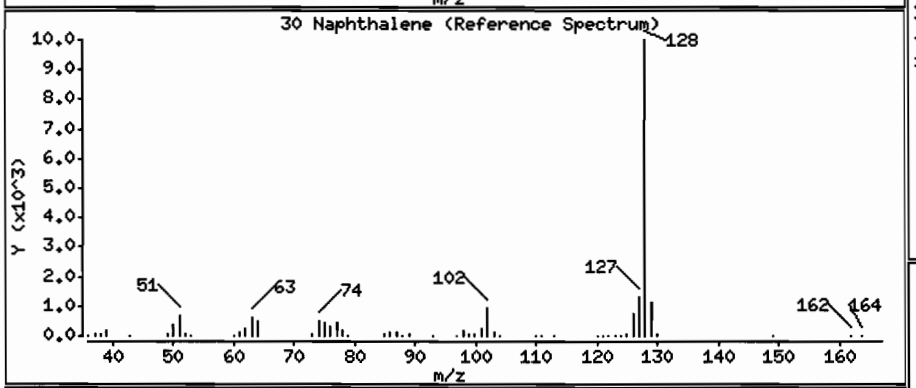
Column diameter: 0.25

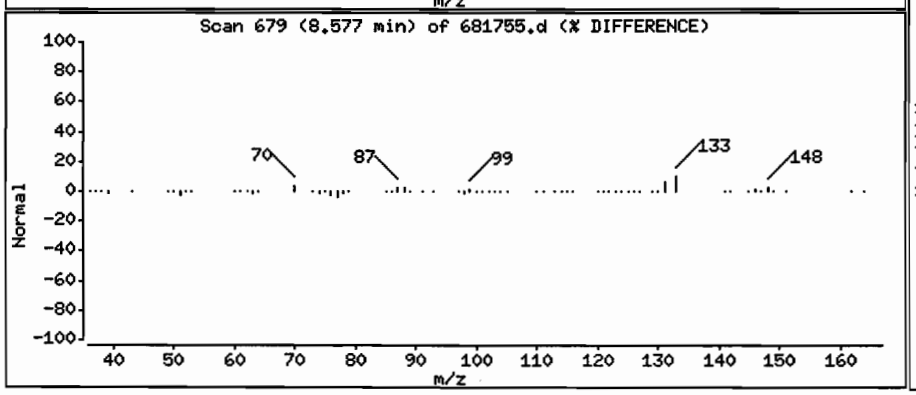
30 Naphthalene

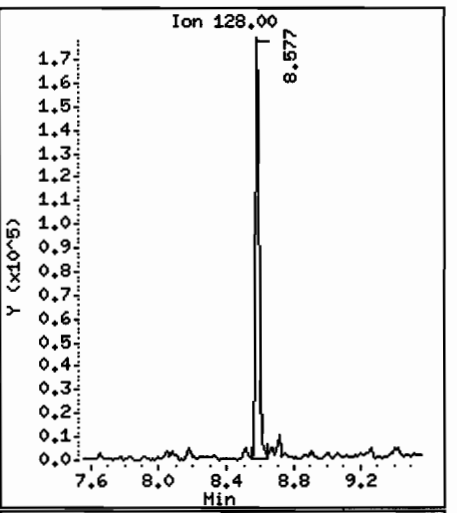
Concentration: 6 ug/L

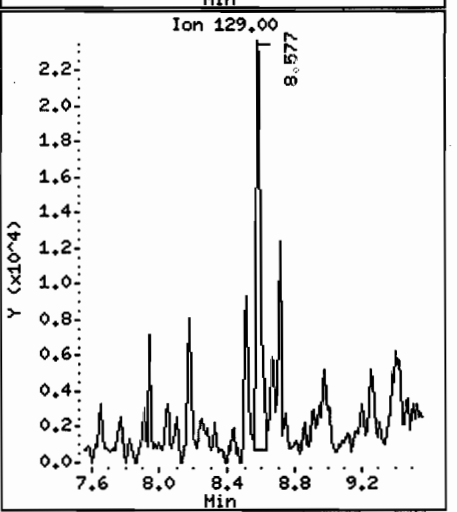


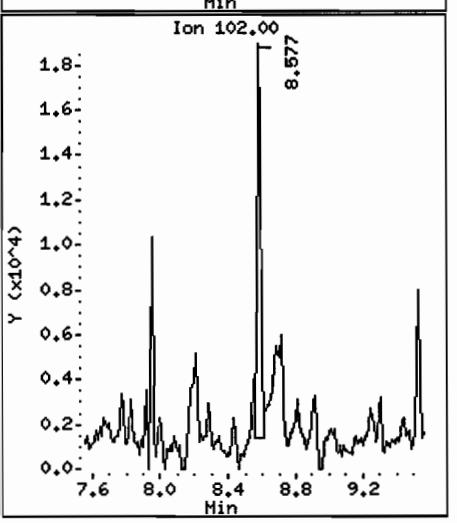












Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

Volume Injected (uL): 1.0

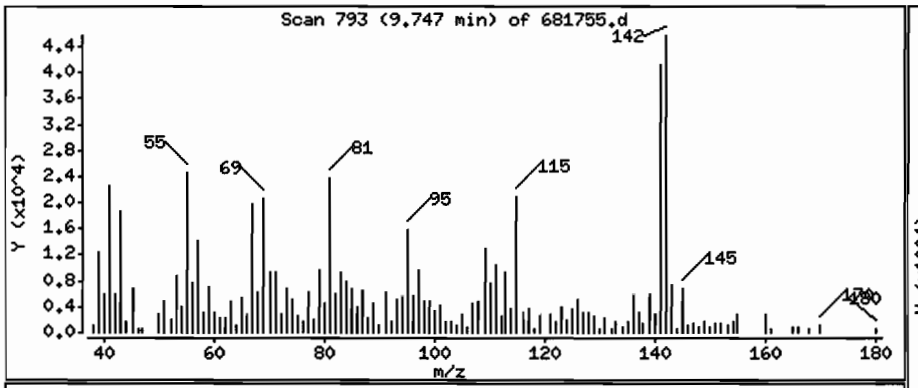
Operator: prp

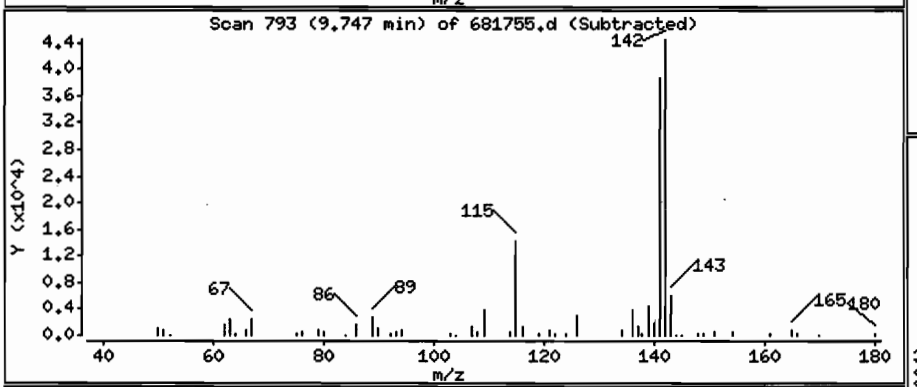
Column phase: RTx-5

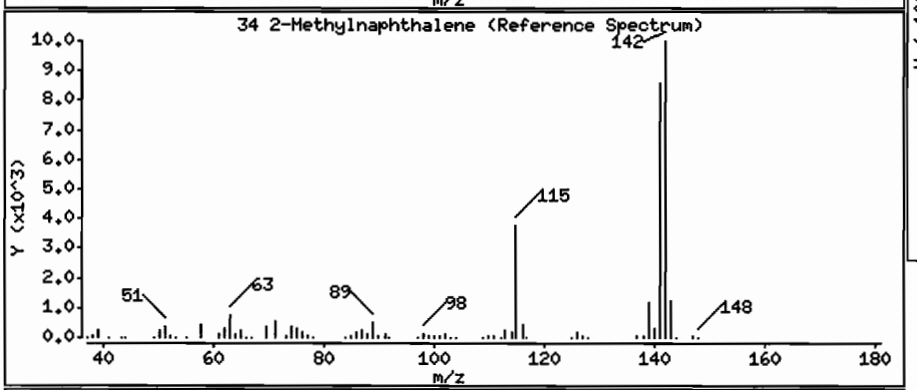
Column diameter: 0.25

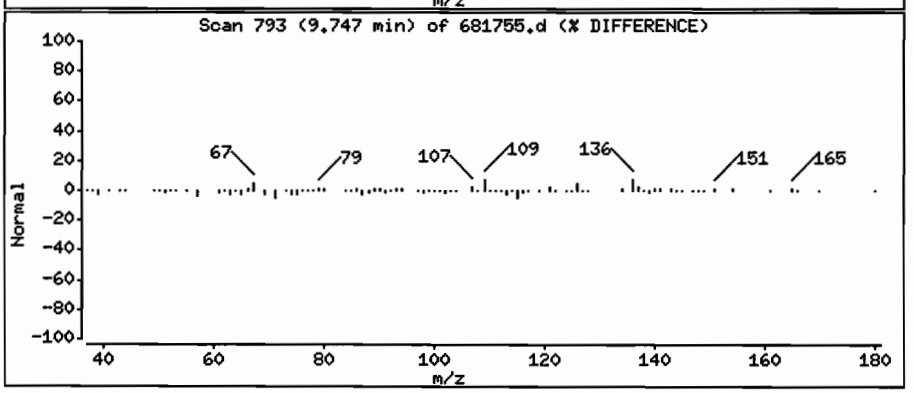
34 2-Methylnaphthalene

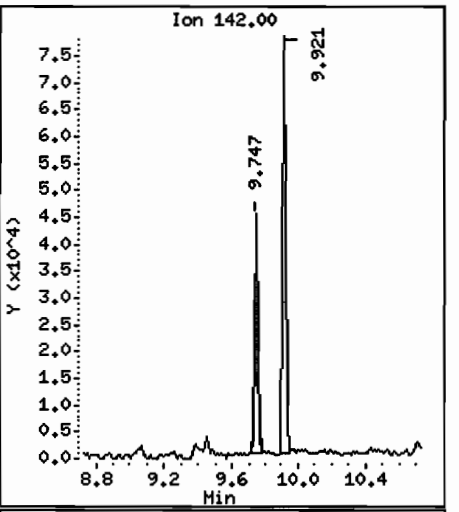
Concentration: 2 ug/L

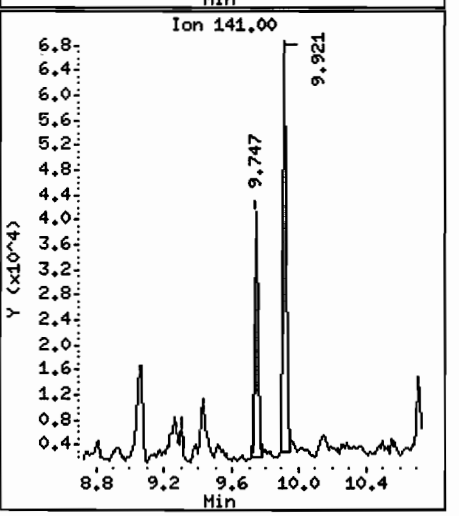












Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

Volume Injected (uL): 1.0

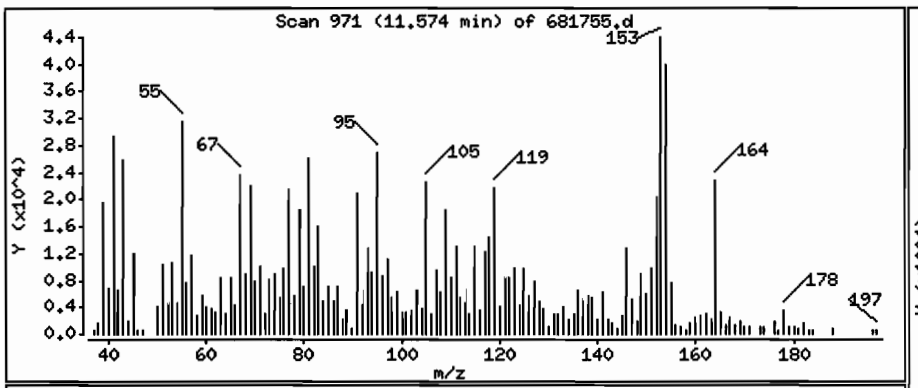
Operator: prp

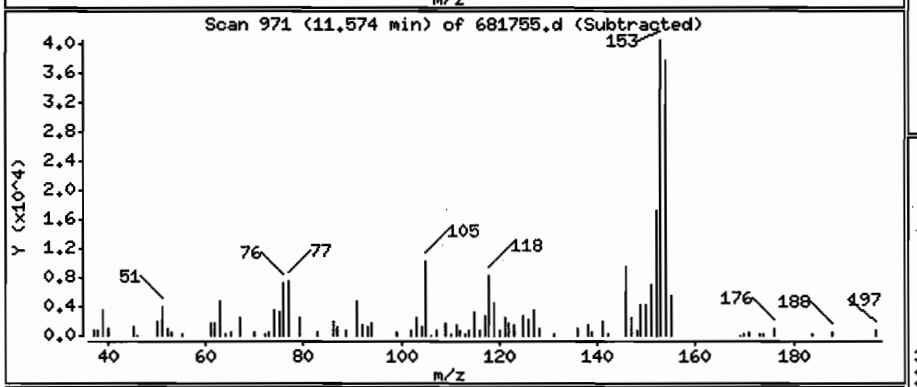
Column phase: RTx-5

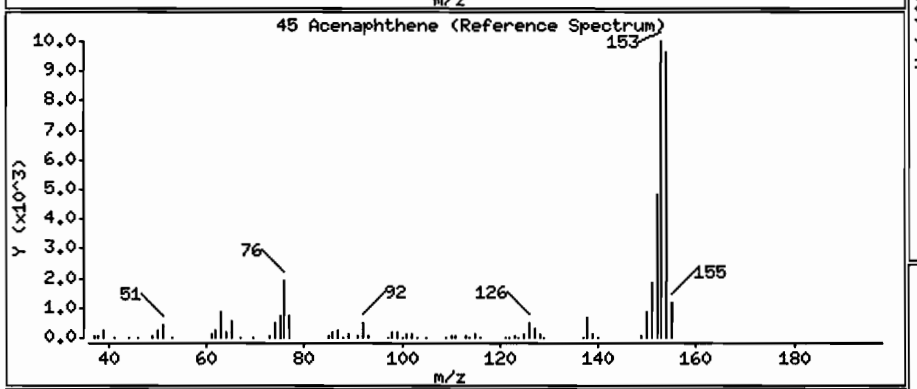
Column diameter: 0.25

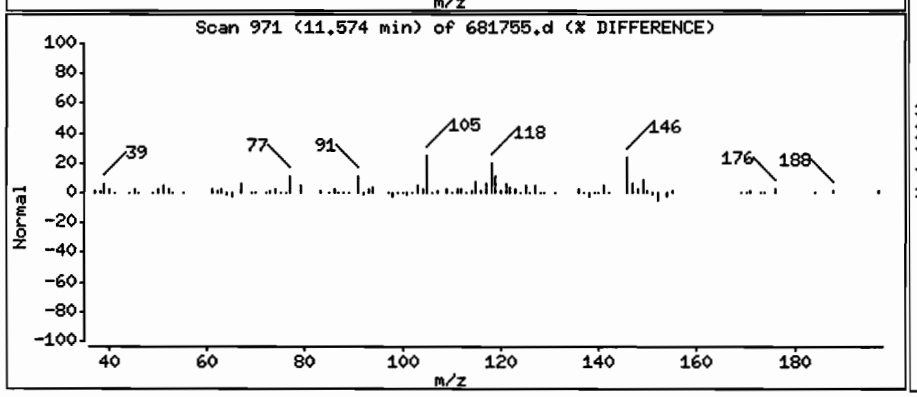
45 Acenaphthene

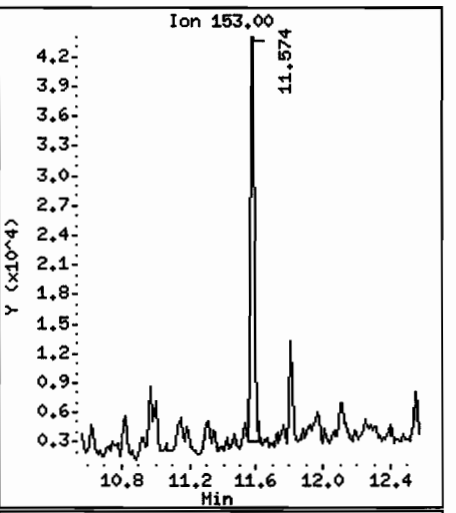
Concentration: 3 ug/L

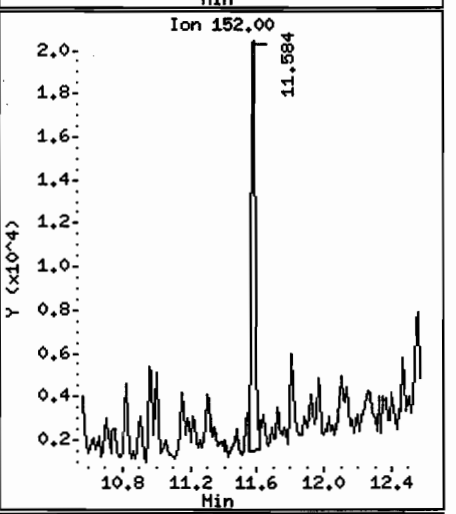


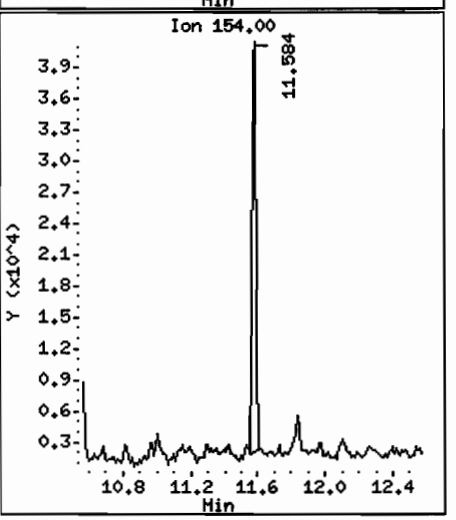












Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[J08/31/06 @1230(WATER)

Volume Injected (uL): 1.0

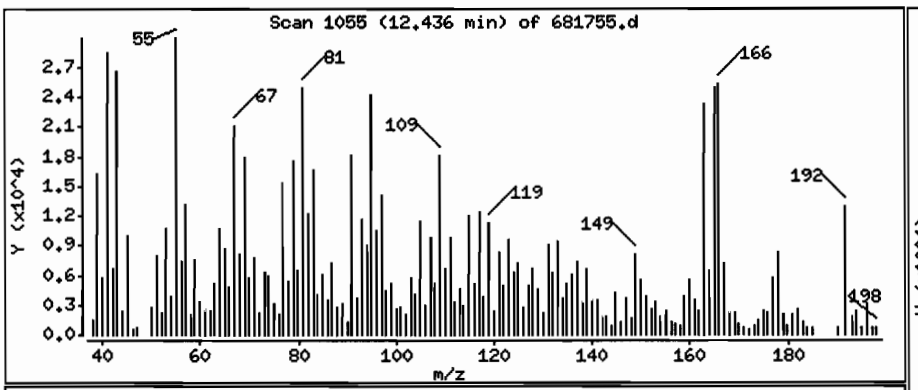
Operator: prp

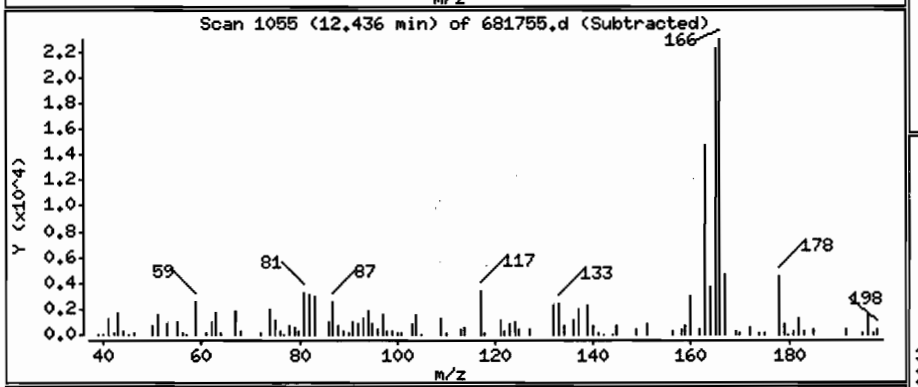
Column phase: RTx-5

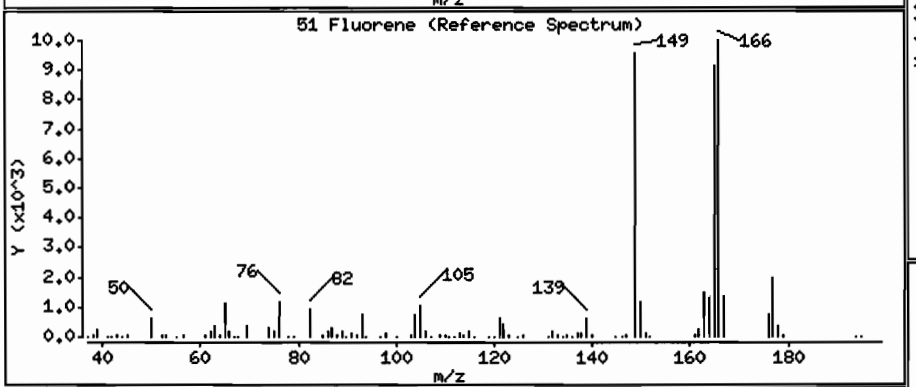
Column diameter: 0.25

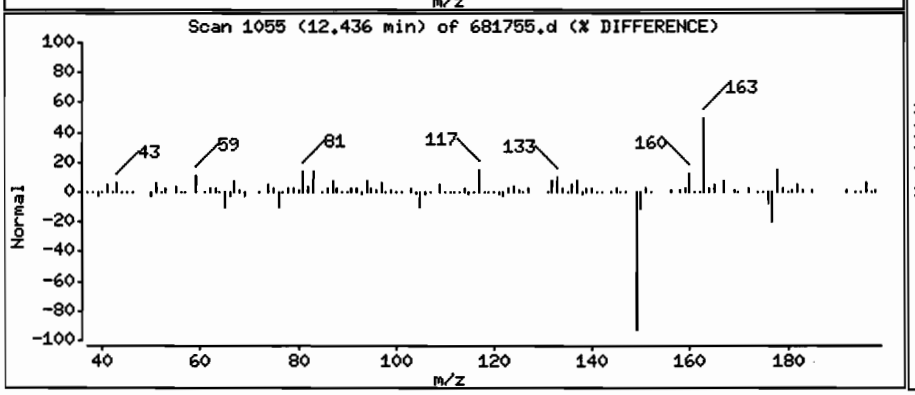
51 Fluorene

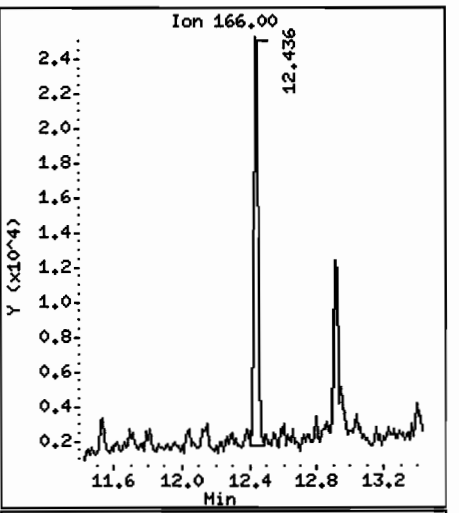
Concentration: 2 ug/L

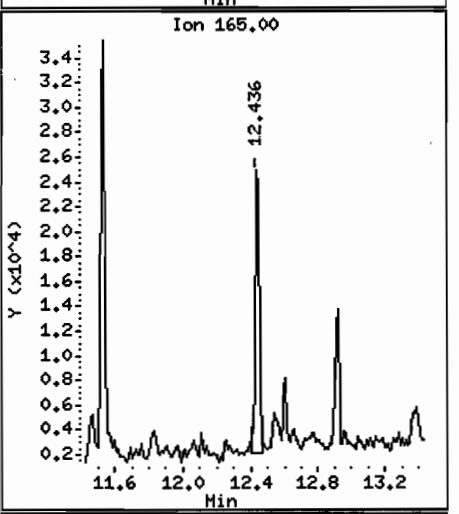


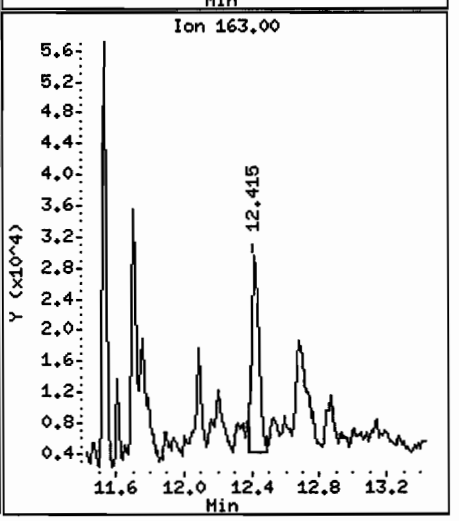












Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

Volume Injected (uL): 1.0

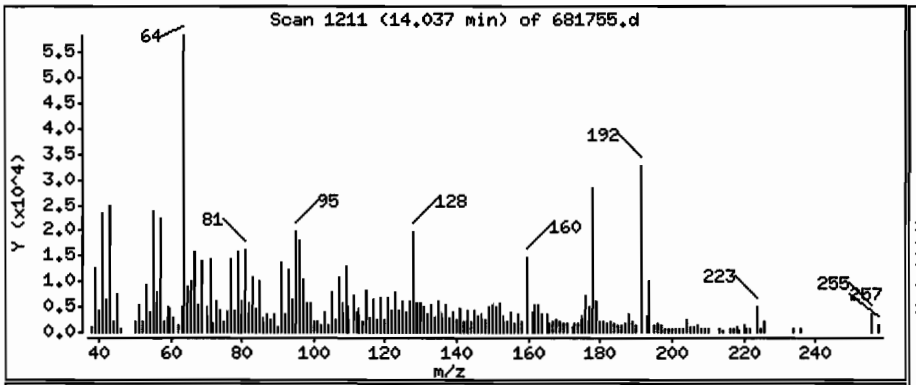
Operator: prp

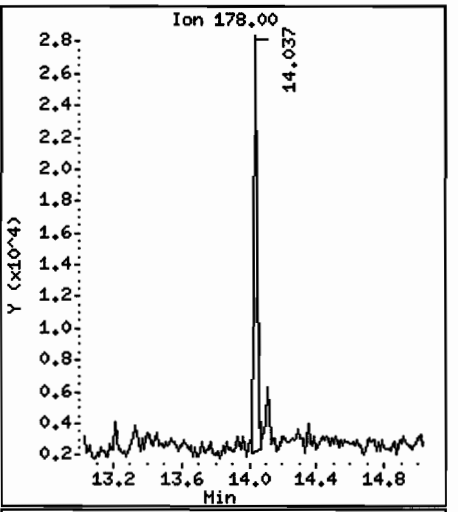
Column phase: RTx-5

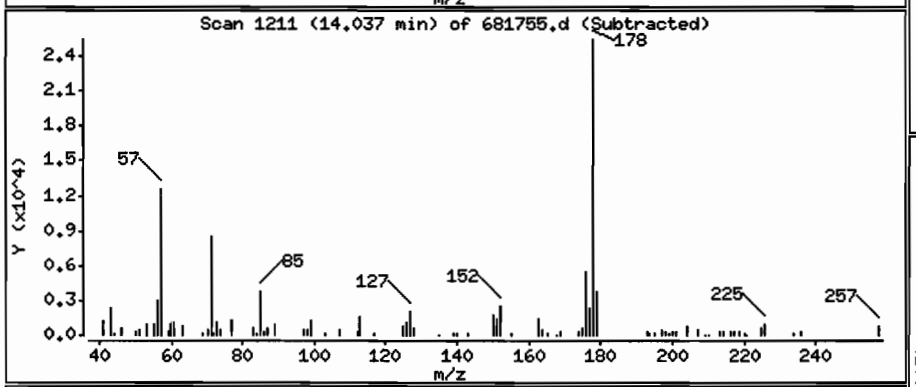
Column diameter: 0.25

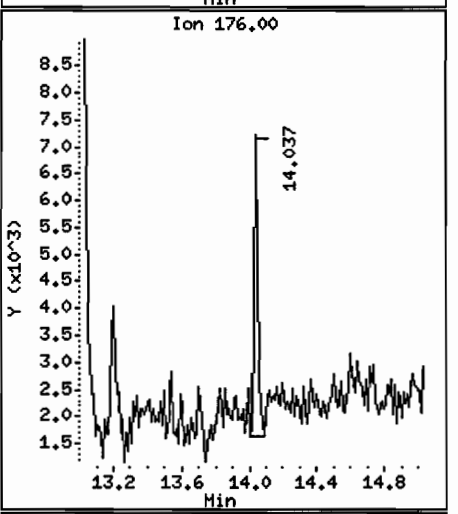
62 Phenanthrene

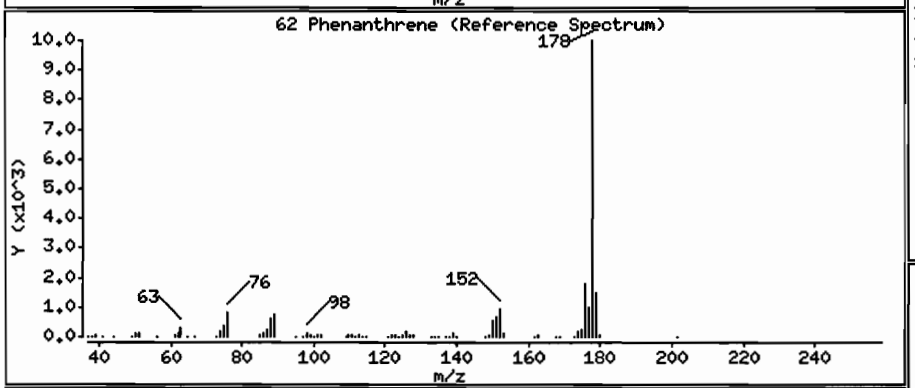
Concentration: 1 ug/L

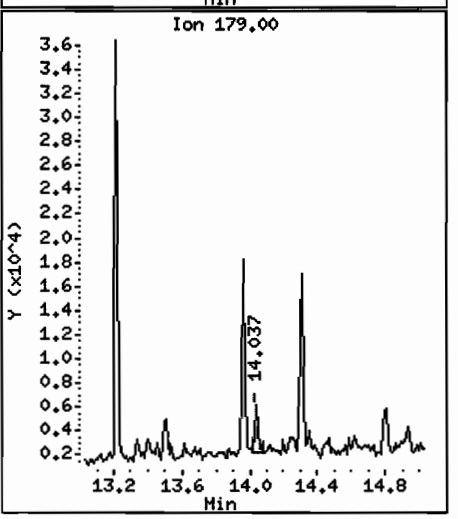


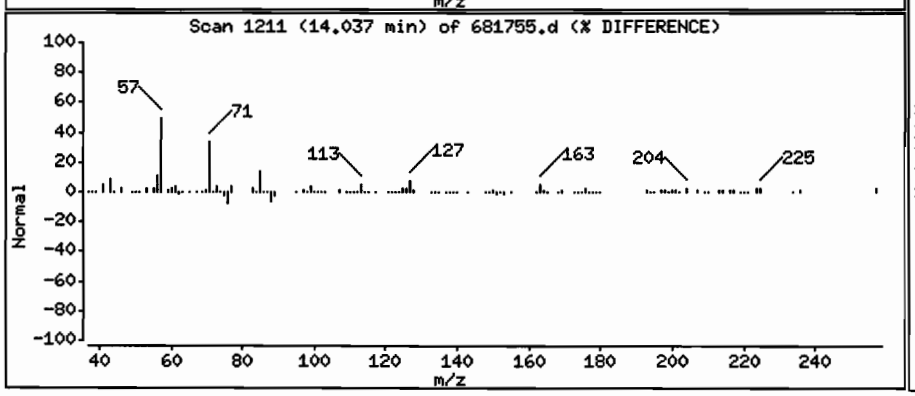












Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

Volume Injected (uL): 1.0

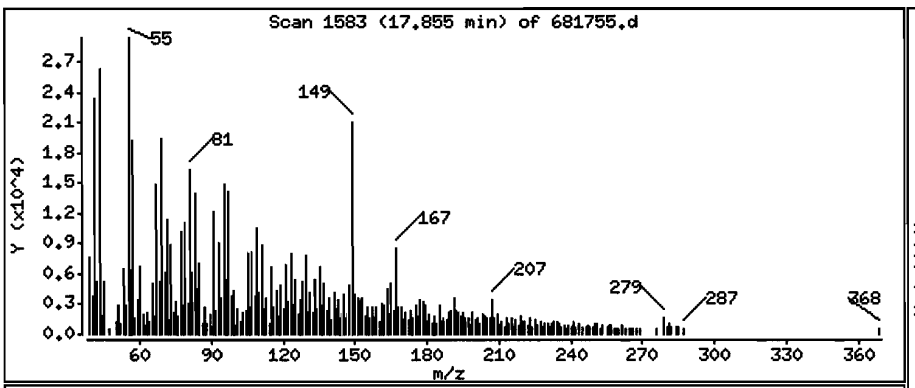
Operator: prp

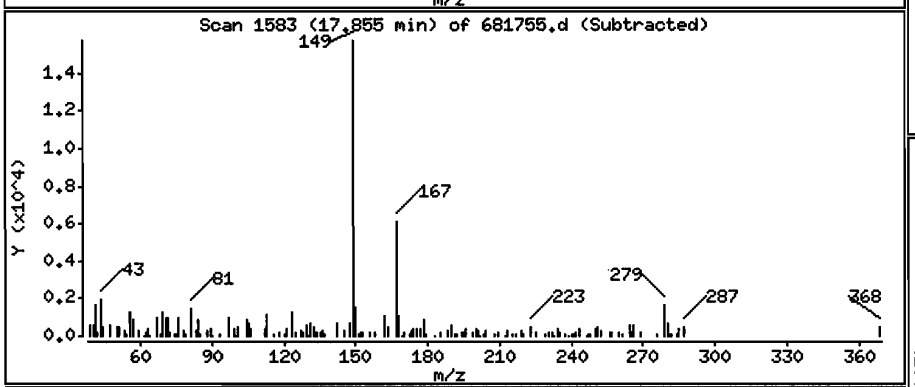
Column phase: RTx-5

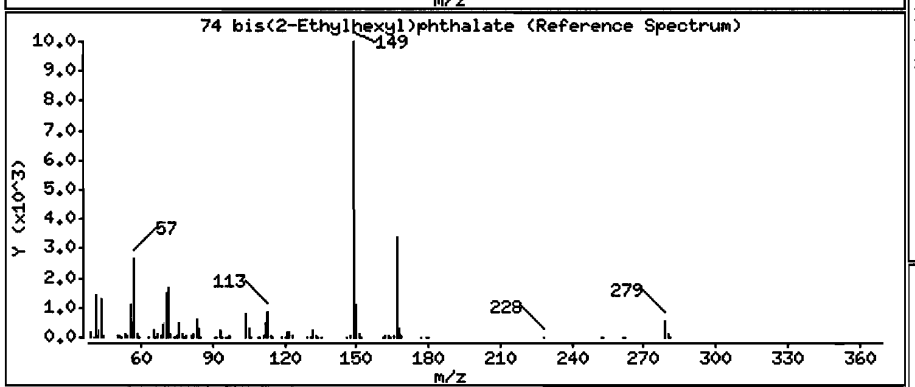
Column diameter: 0.25

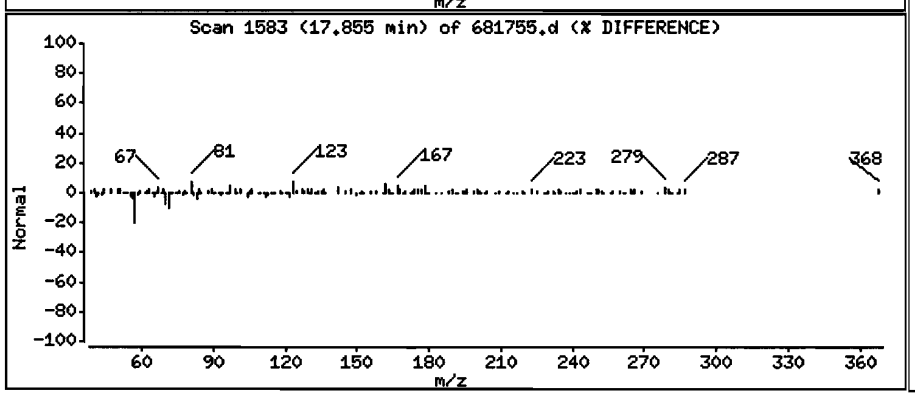
74 bis(2-Ethylhexyl)phthalate

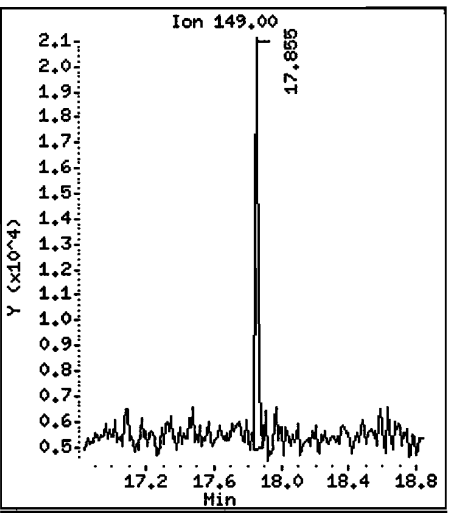
Concentration: 2 ug/L

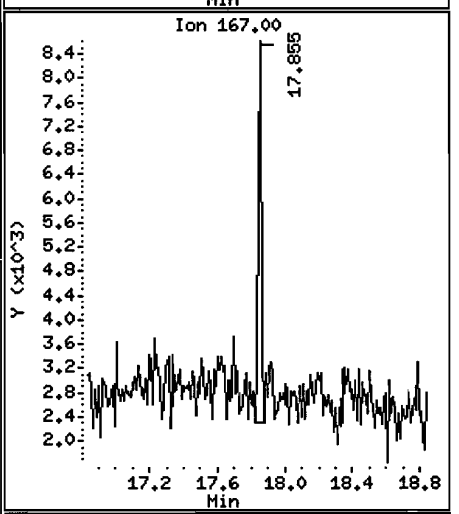


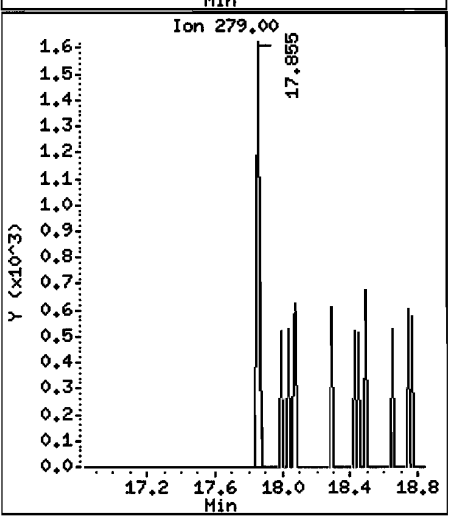












Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

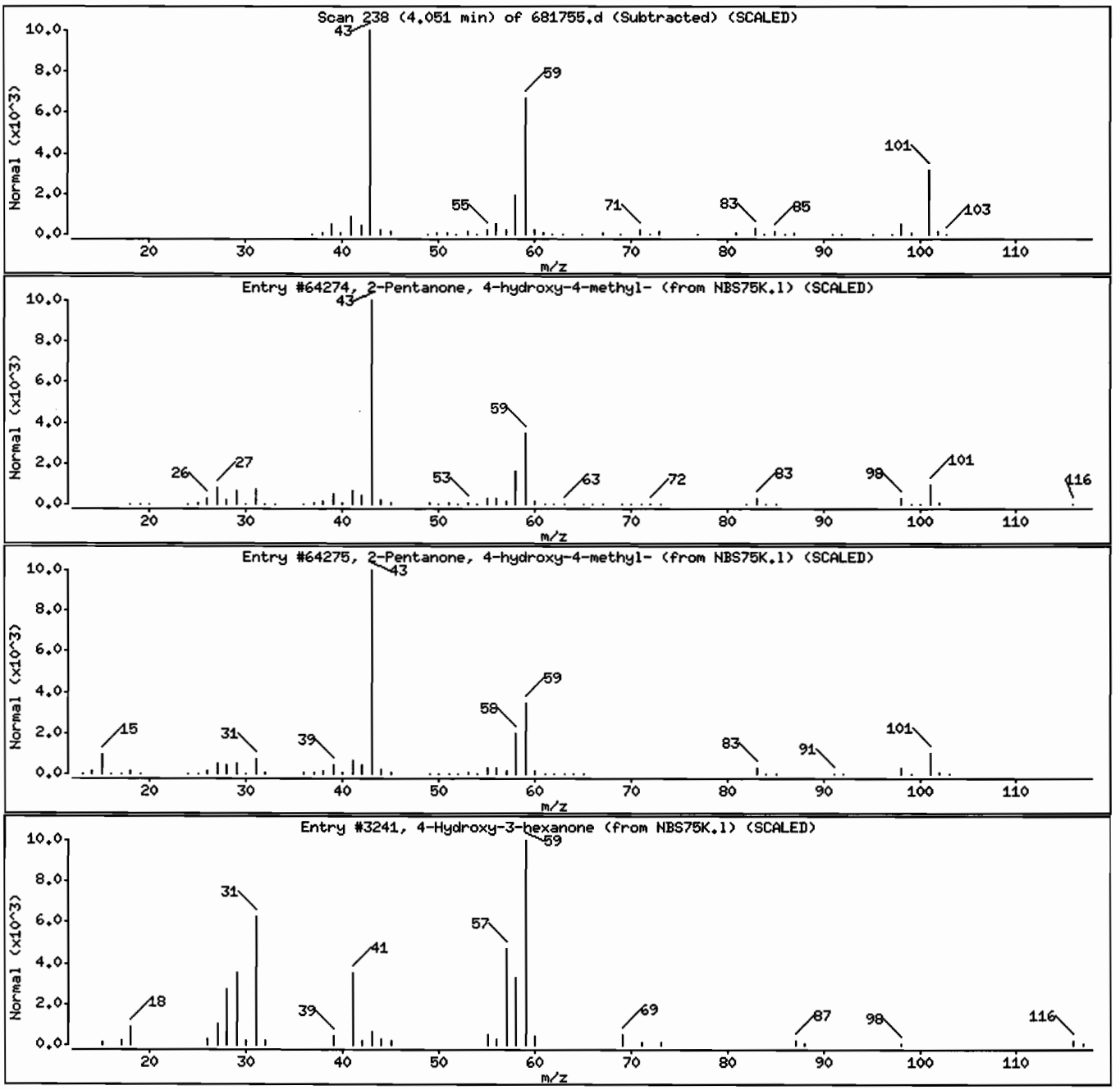
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64274	42	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64275	40	C6H12O2	116
4-Hydroxy-3-hexanone	4984-85-4	NBS75K.l	3241	37	C6H12O2	116



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

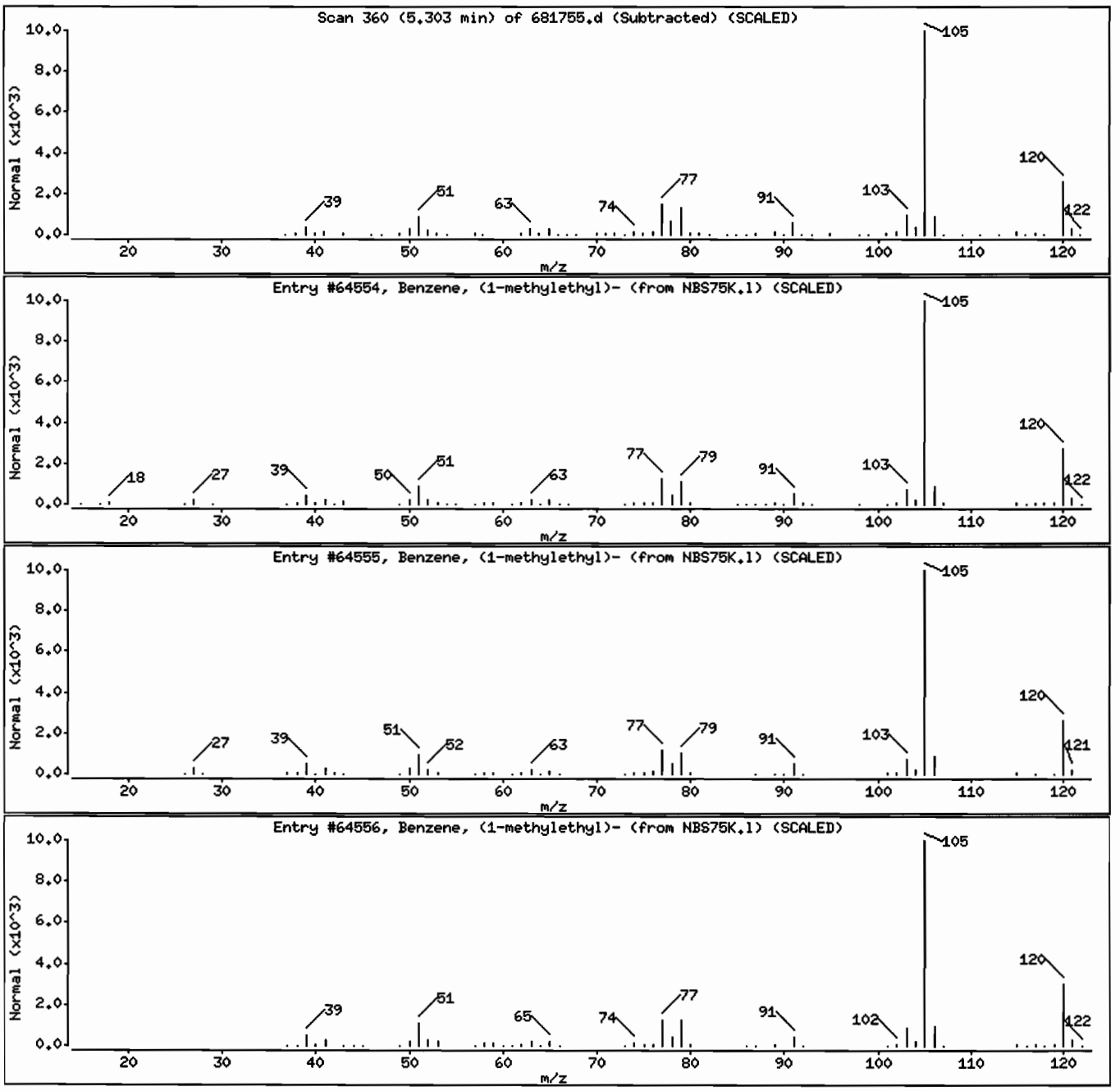
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, (1-methylethyl)-	98-82-8	NBS75K.l	64554	95	C9H12	120
Benzene, (1-methylethyl)-	98-82-8	NBS75K.l	64555	94	C9H12	120
Benzene, (1-methylethyl)-	98-82-8	NBS75K.l	64556	91	C9H12	120



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

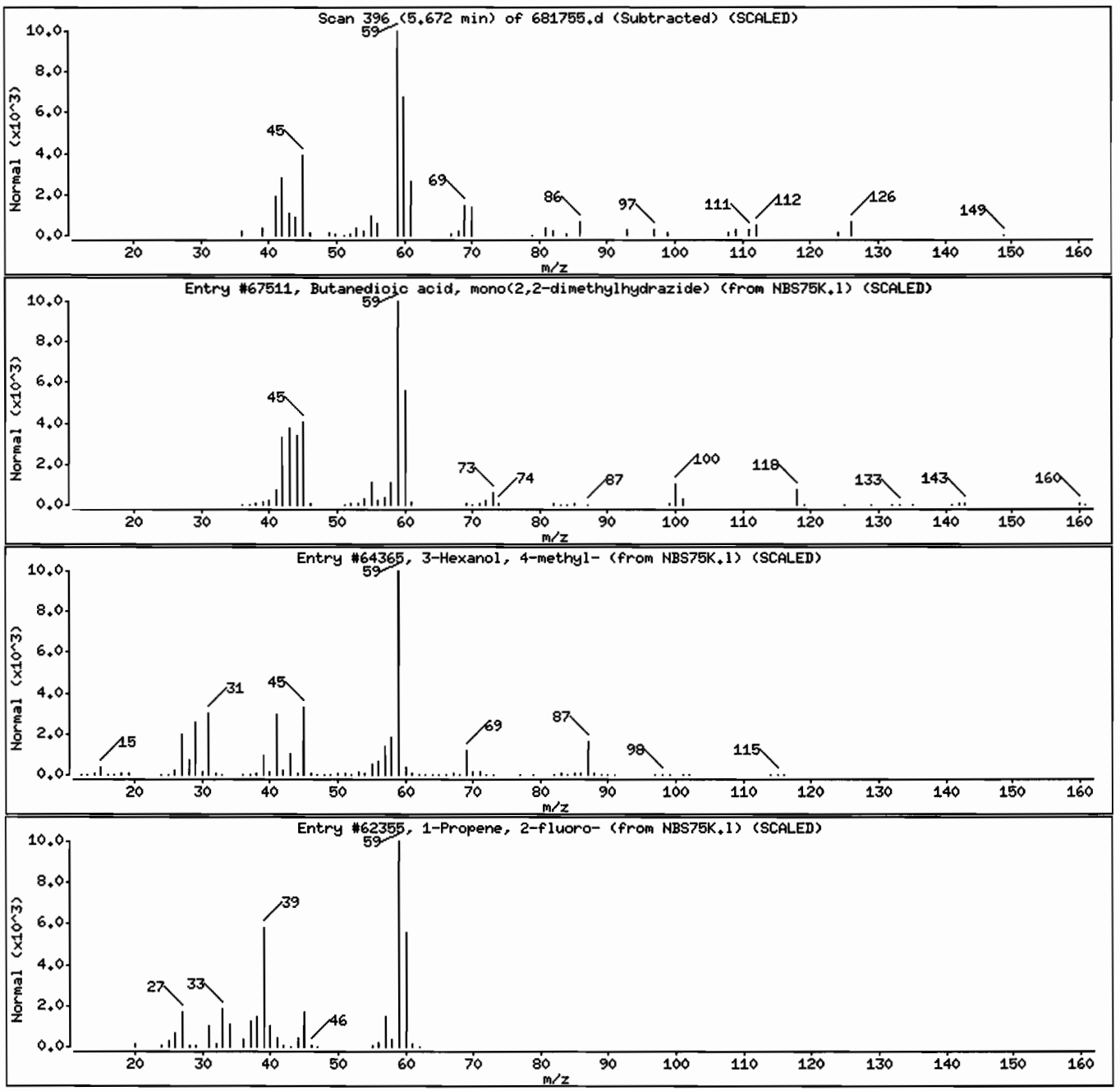
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown aliphatic compound						
Butanedioic acid, mono(2,2-dimethylhydra	1596-84-5	NBS75K.l	67511	45	C6H12N2O3	160
3-Hexanol, 4-methyl-	615-29-2	NBS75K.l	64365	37	C7H16O	116
1-Propene, 2-fluoro-	1184-60-7	NBS75K.l	62355	37	C3H5F	60



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

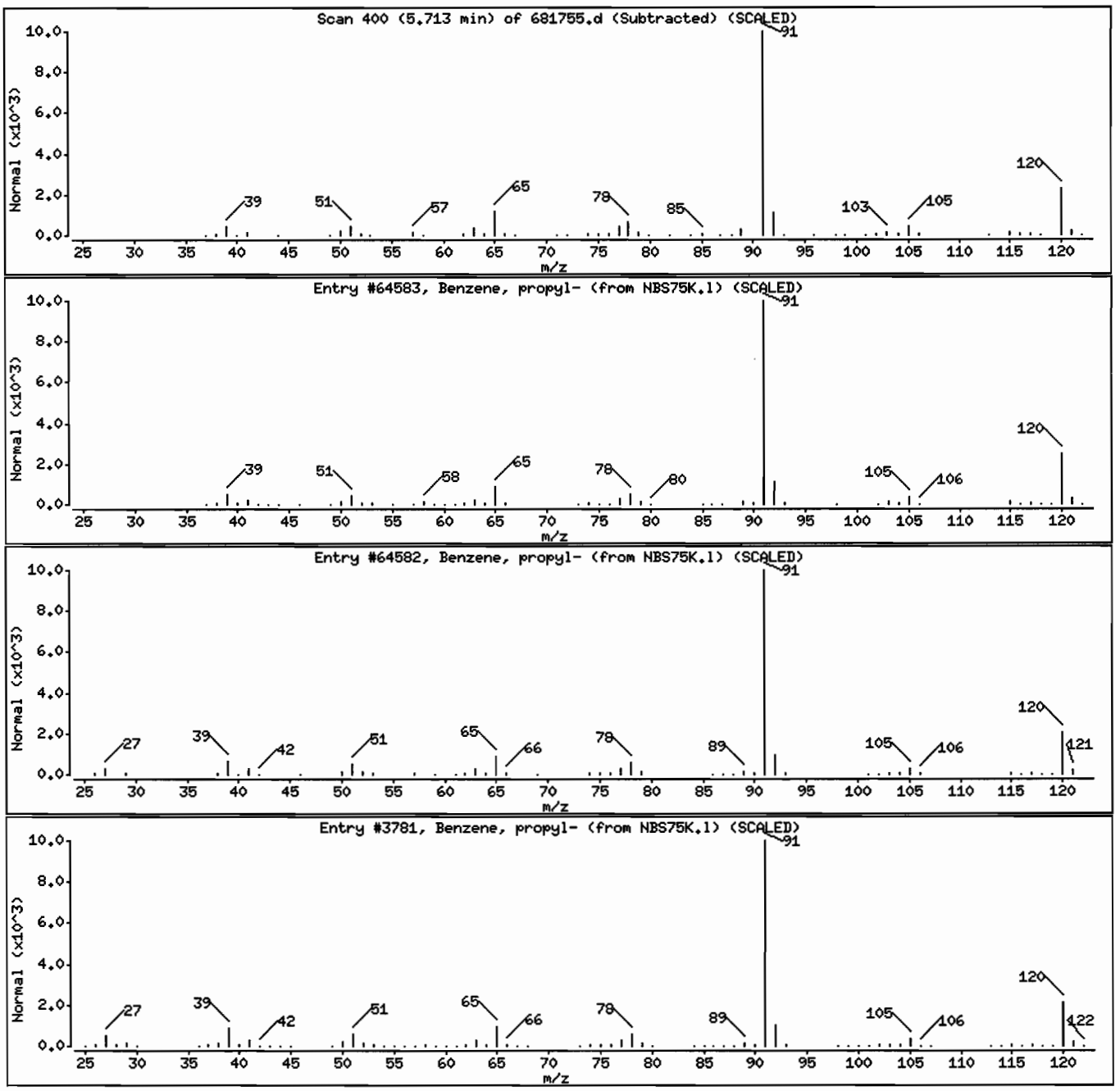
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, propyl-	103-65-1	NBS75K.l	64583	91	C9H12	120
Benzene, propyl-	103-65-1	NBS75K.l	64582	91	C9H12	120
Benzene, propyl-	103-65-1	NBS75K.l	3781	91	C9H12	120



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

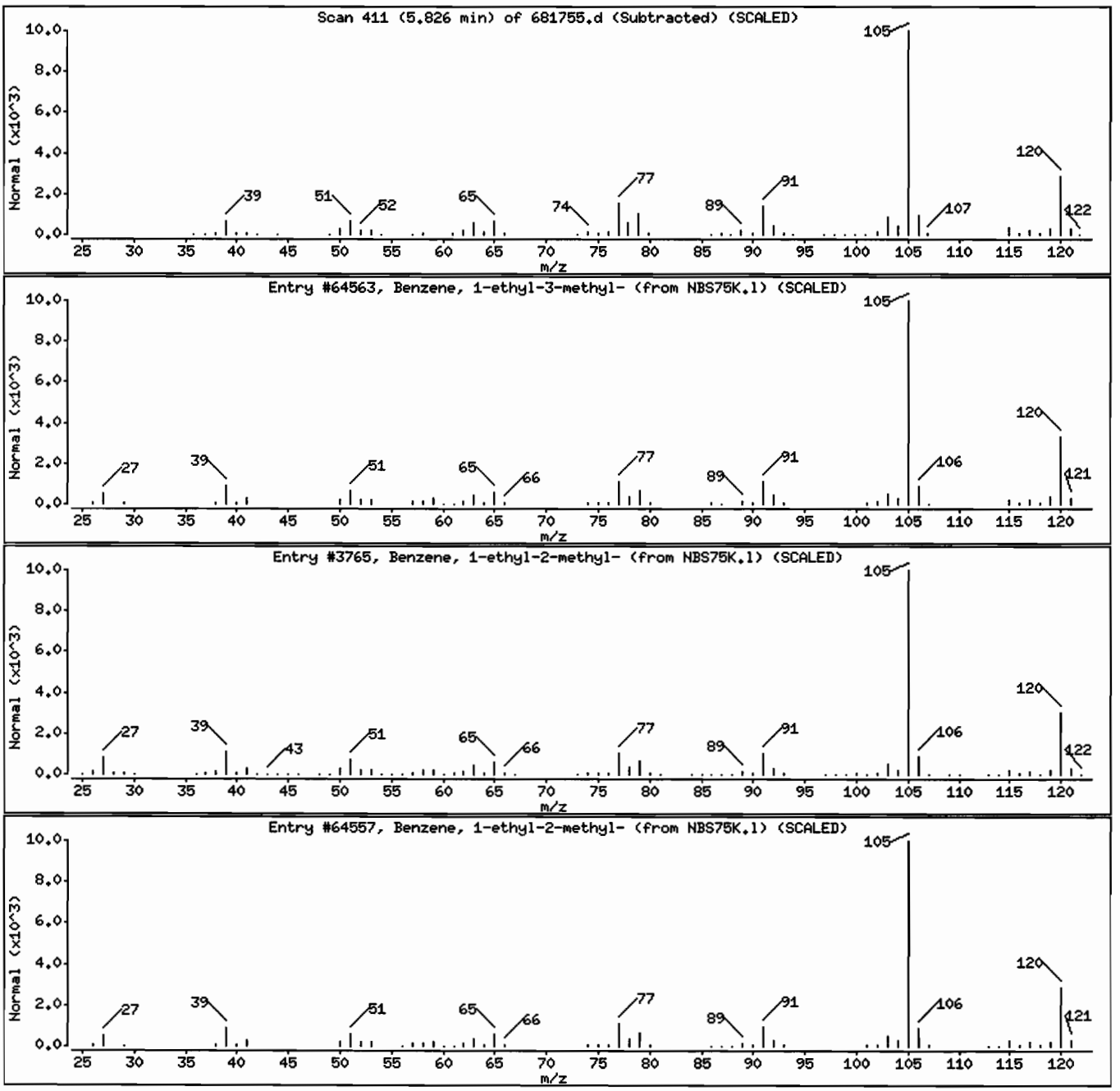
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, 1-ethyl-3-methyl-	620-14-4	NBS75K.l	64563	95	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NBS75K.l	3765	94	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NBS75K.l	64557	94	C9H12	120



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[108/31/06 @1230(WATER)

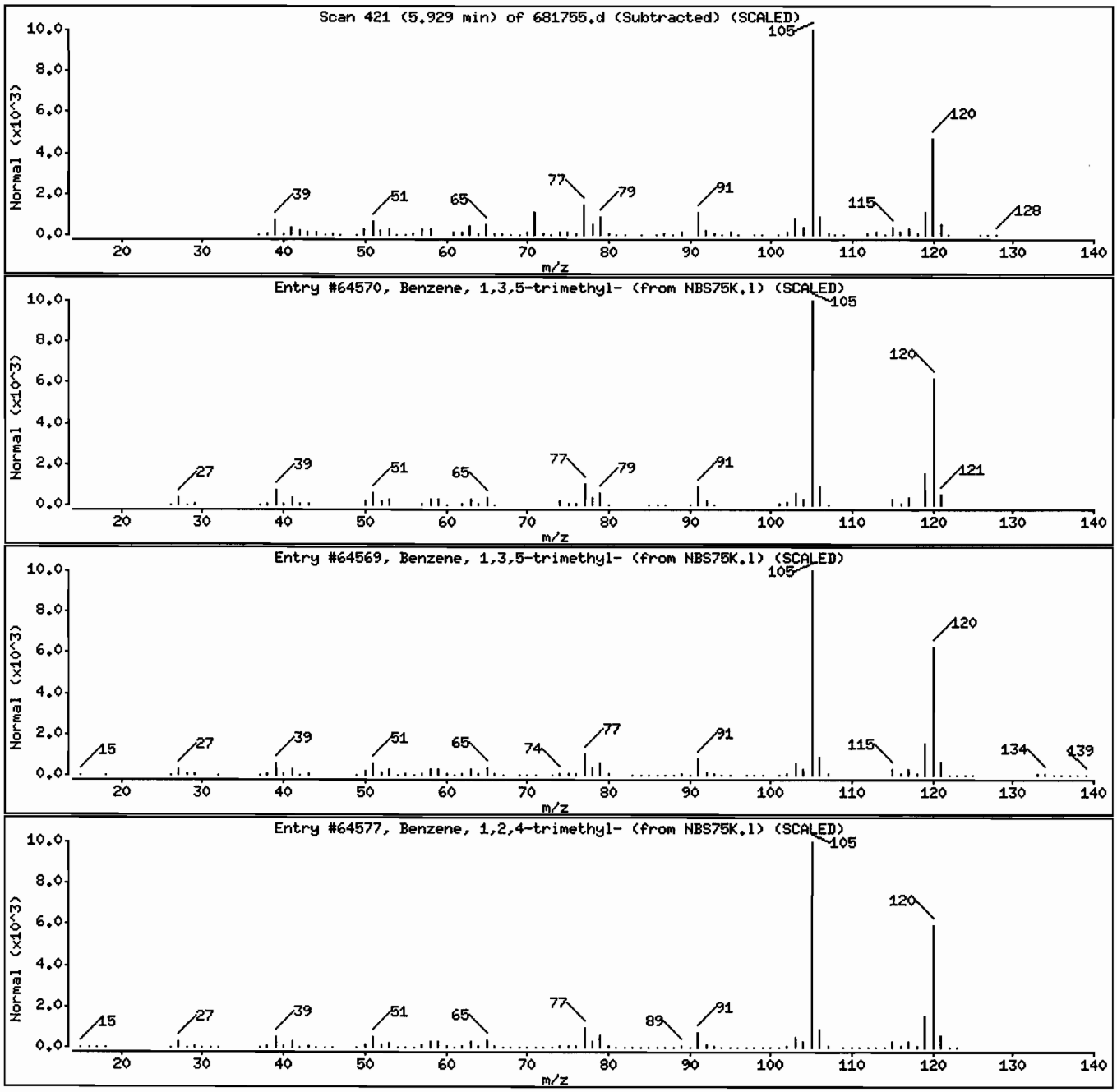
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, 1,3,5-trimethyl-	108-67-8	NBS75K.l	64570	95	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NBS75K.l	64569	94	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NBS75K.l	64577	94	C9H12	120



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

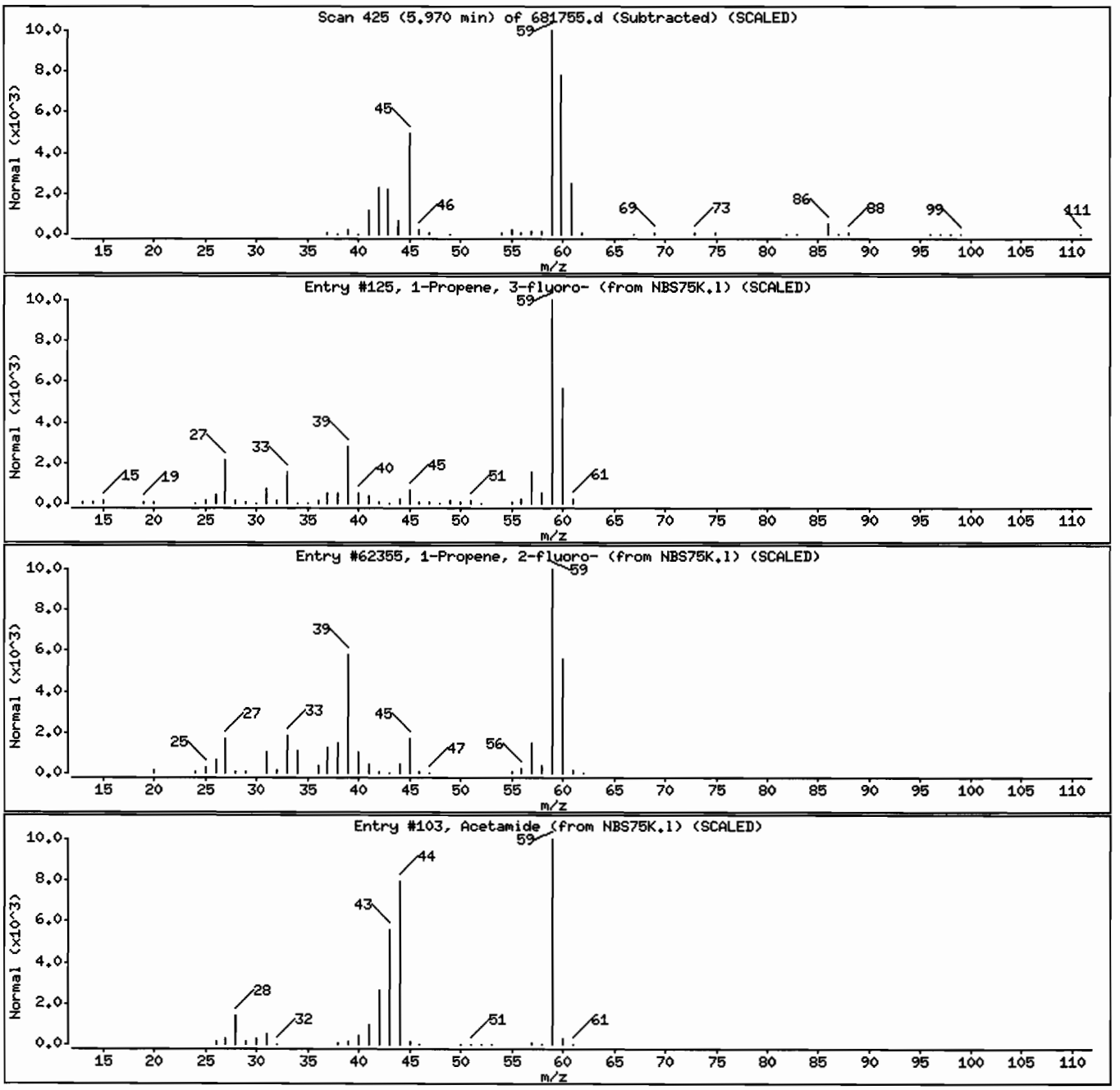
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown aliphatic compound						
1-Propene, 3-fluoro-	818-92-8	NBS75K.l	125	9	C3H5F	60
1-Propene, 2-fluoro-	1184-60-7	NBS75K.l	62355	9	C3H5F	60
Acetamide	60-35-5	NBS75K.l	103	9	C2H5NO	59



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

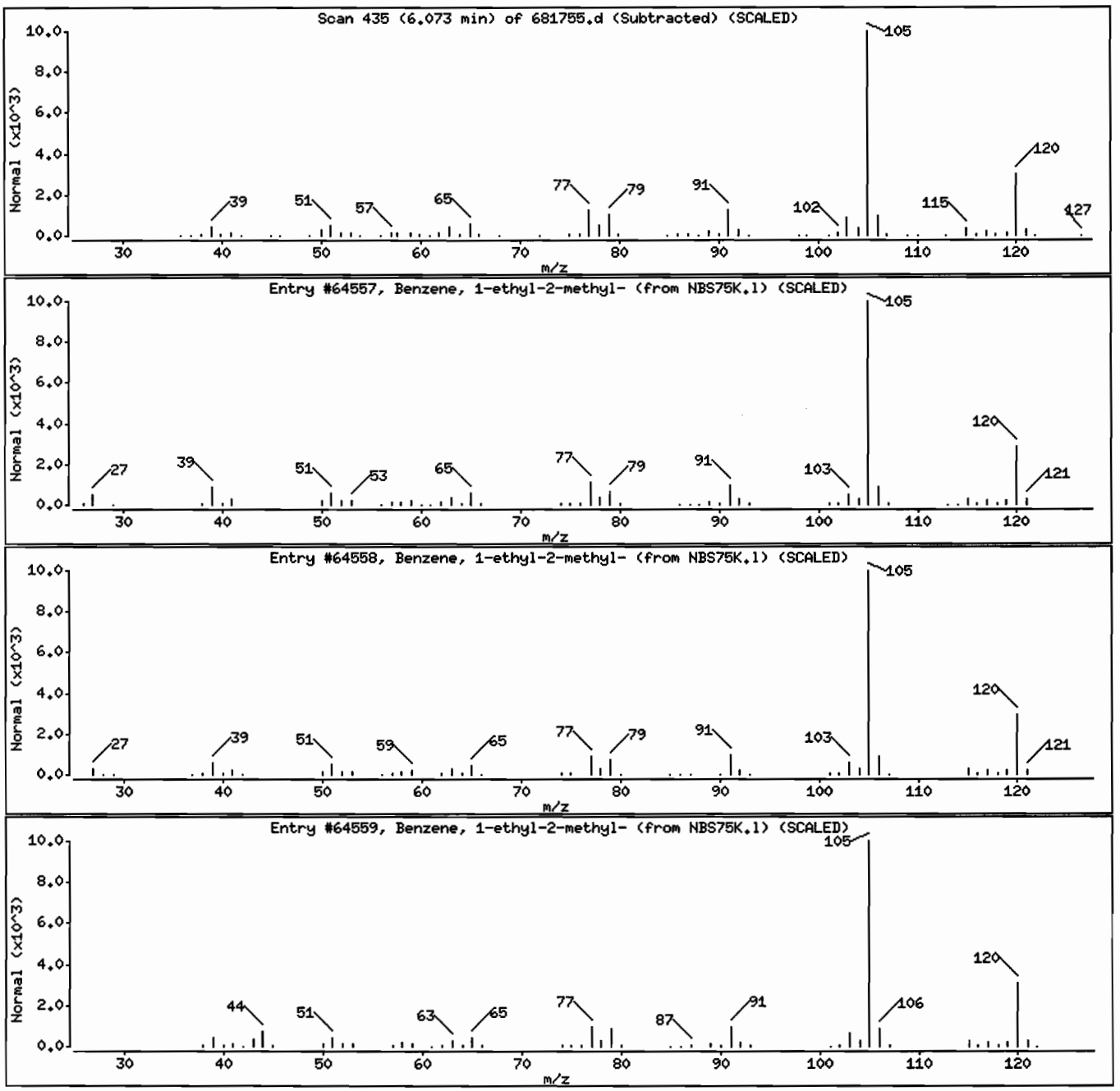
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, 1-ethyl-2-methyl-	611-14-3	NBS75K.l	64557	95	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NBS75K.l	64558	95	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NBS75K.l	64559	95	C9H12	120



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

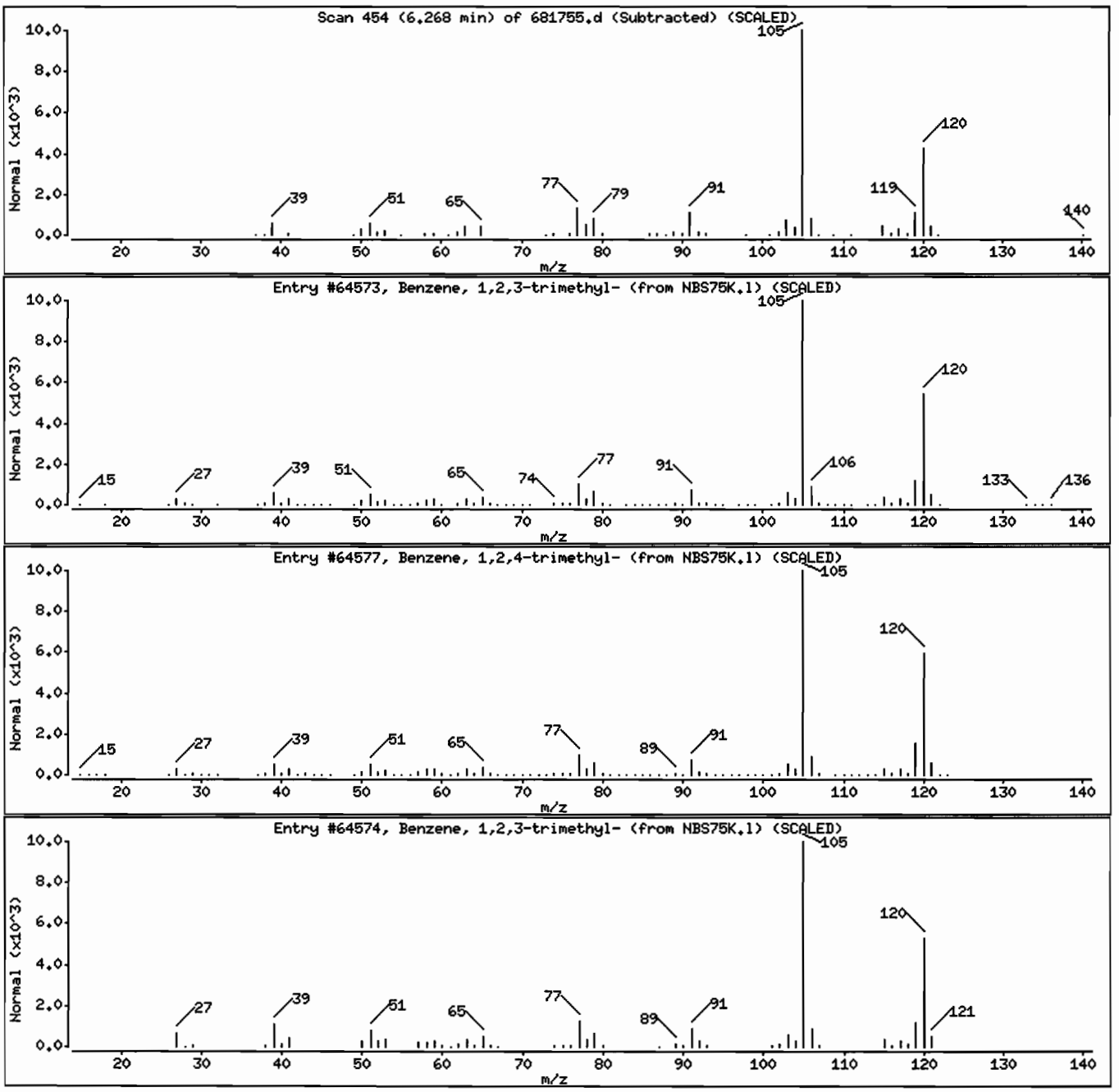
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, 1,2,3-trimethyl-	526-73-8	NBS75K.l	64573	95	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NBS75K.l	64577	95	C9H12	120
Benzene, 1,2,3-trimethyl-	526-73-8	NBS75K.l	64574	95	C9H12	120



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

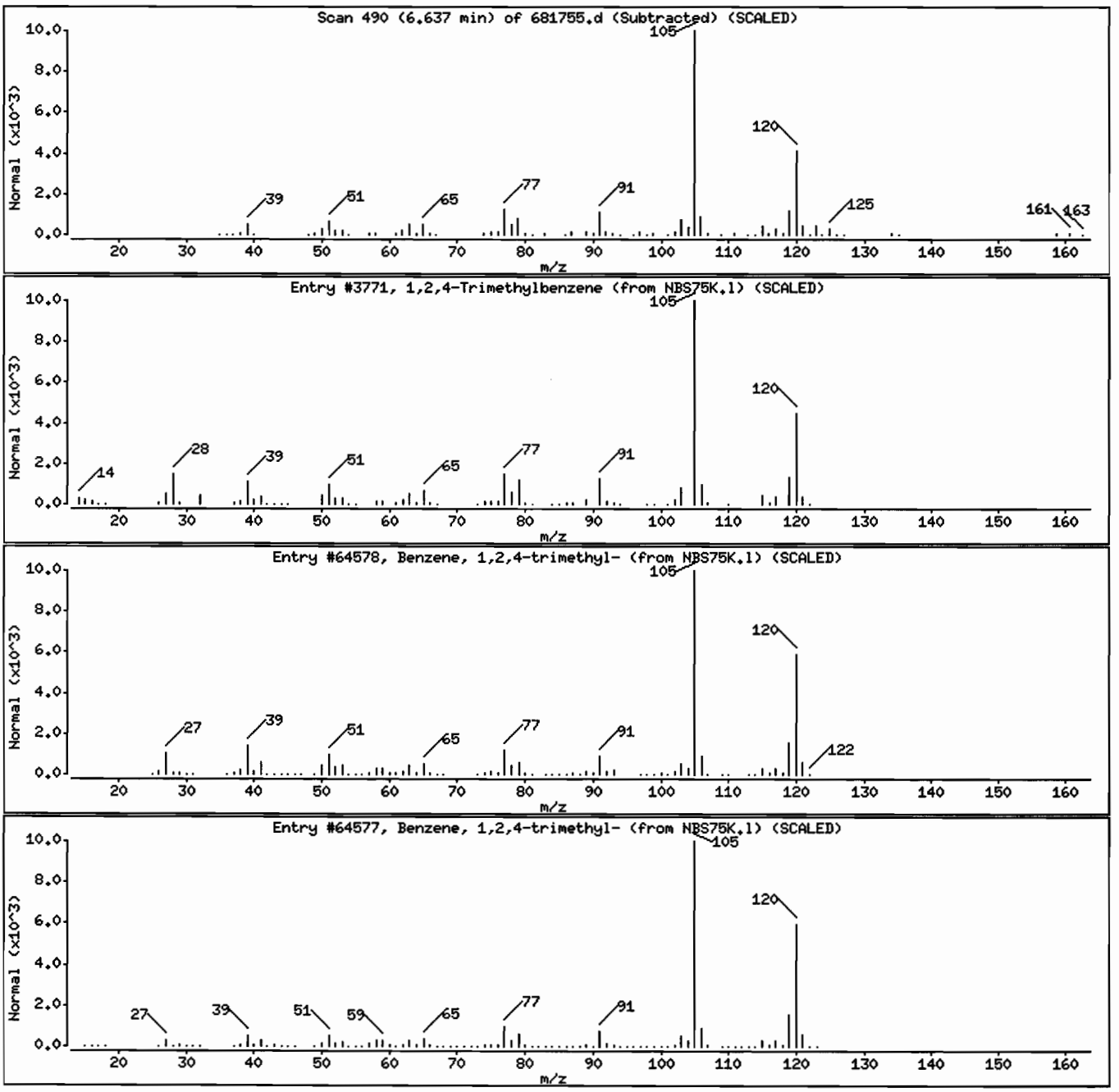
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1,2,4-Trimethylbenzene	95-36-3	NBS75K.l	3771	96	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NBS75K.l	64578	95	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NBS75K.l	64577	95	C9H12	120



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

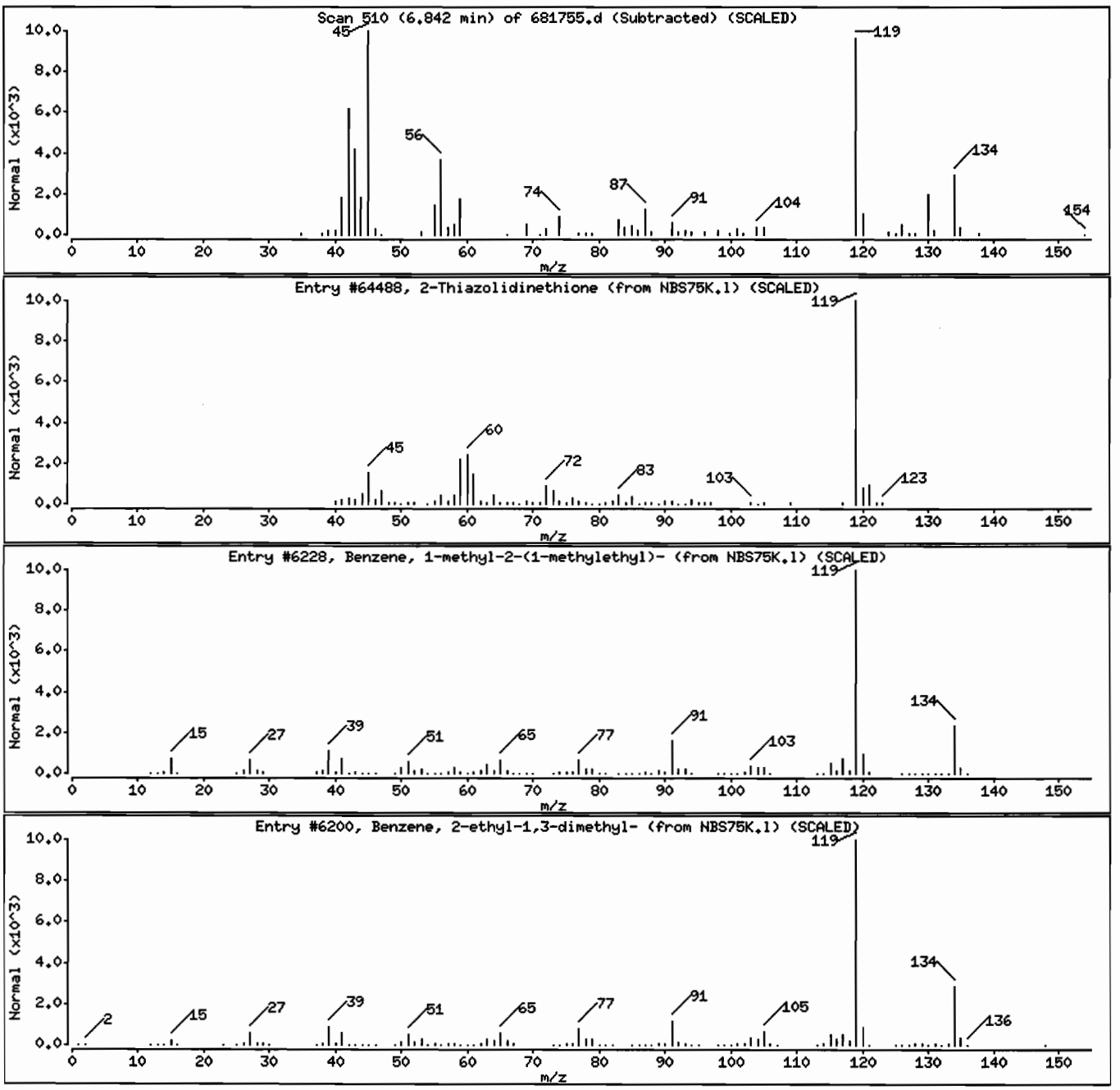
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Thiazolidinethione	96-53-7	NBS75K.l	64488	47	C3H5NS2	119
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NBS75K.l	6228	22	C10H14	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NBS75K.l	6200	22	C10H14	134



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

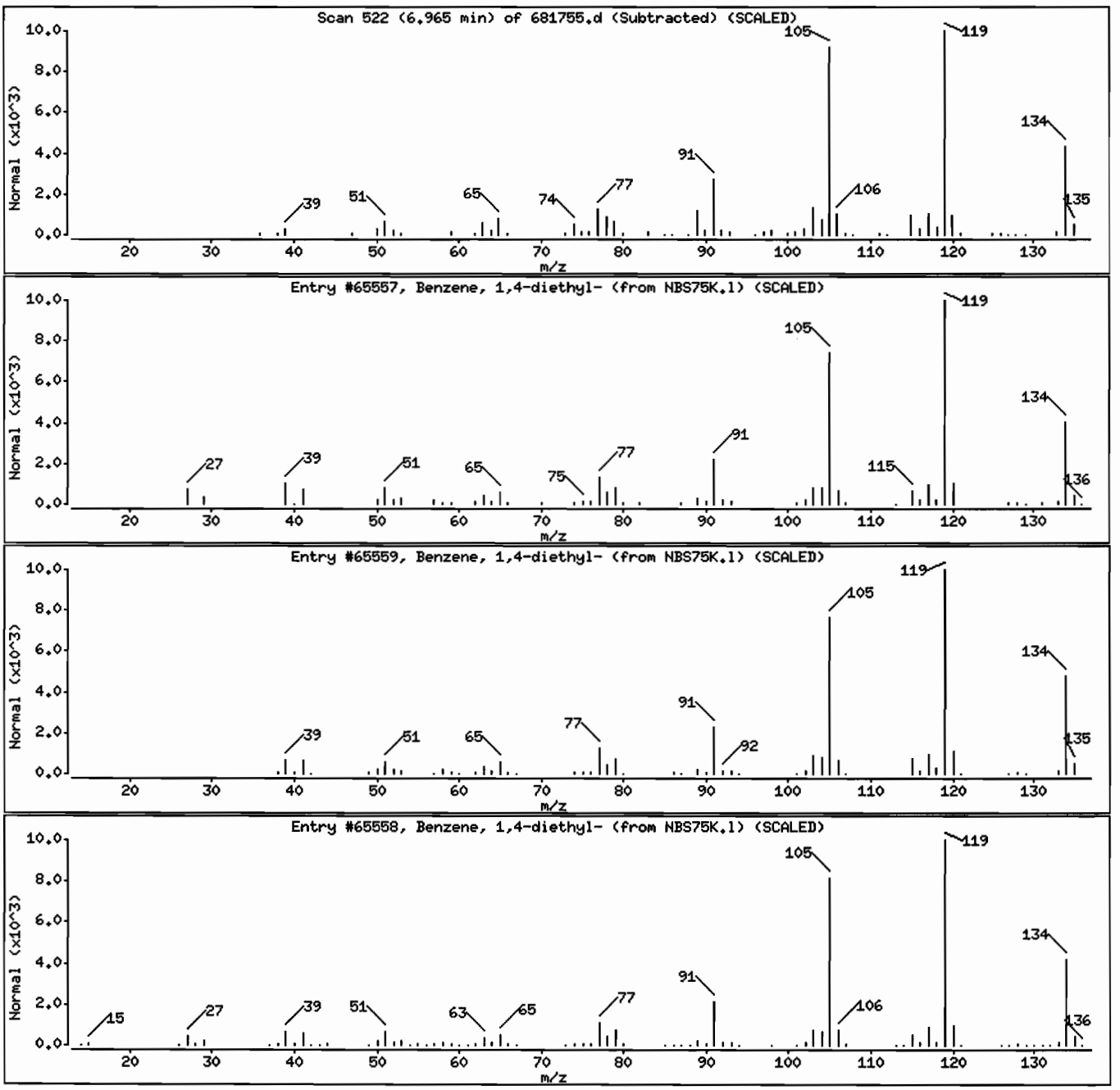
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, 1,4-diethyl-	105-05-5	NBS75K.l	65557	96	C10H14	134
Benzene, 1,4-diethyl-	105-05-5	NBS75K.l	65559	96	C10H14	134
Benzene, 1,4-diethyl-	105-05-5	NBS75K.l	65558	96	C10H14	134



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

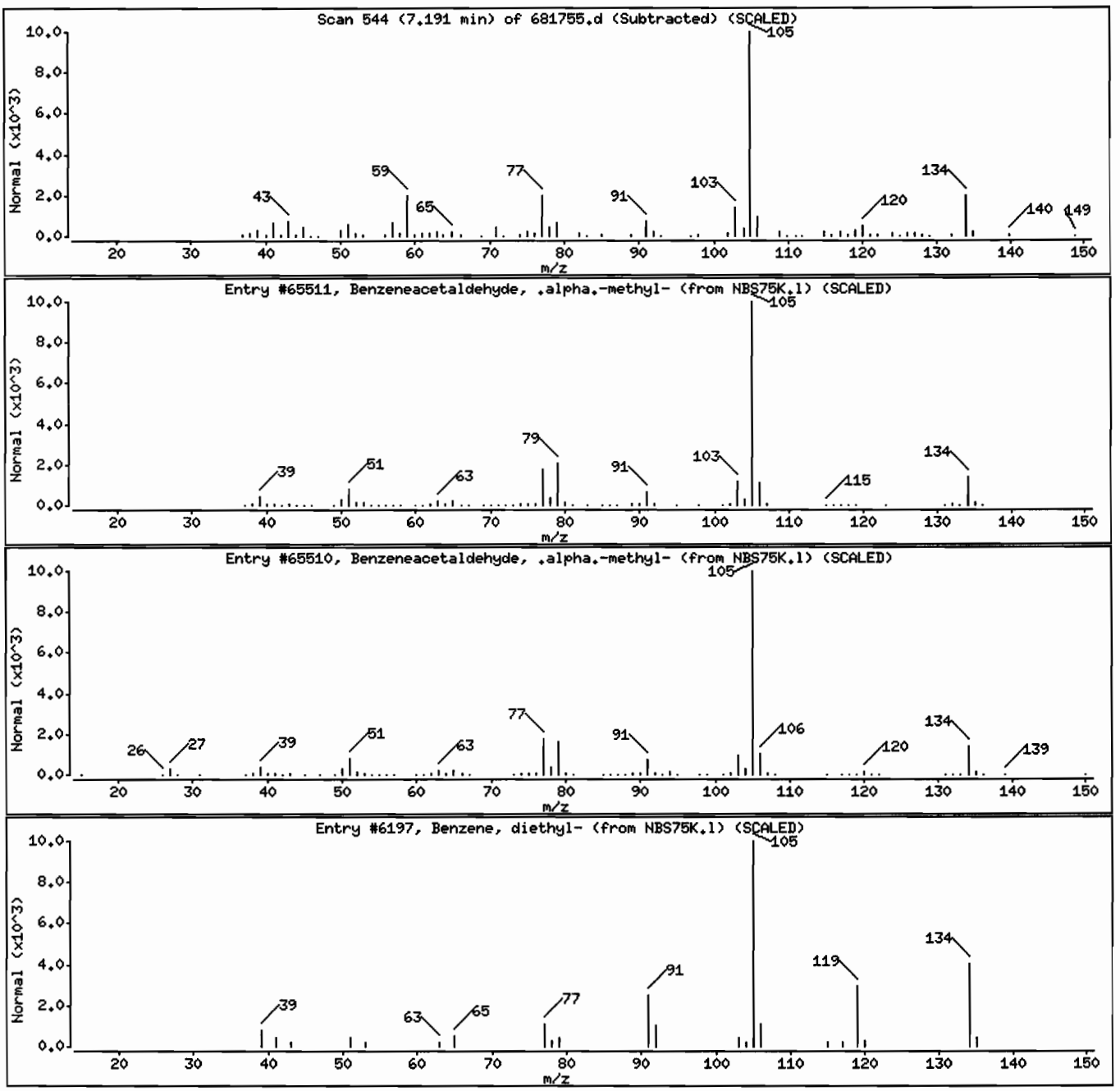
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzeneacetaldehyde, .alpha.-methyl-	93-53-8	NBS75K.l	65511	64	C9H10O	134
Benzeneacetaldehyde, .alpha.-methyl-	93-53-8	NBS75K.l	65510	52	C9H10O	134
Benzene, diethyl-	25340-17-4	NBS75K.l	6197	50	C10H14	134



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

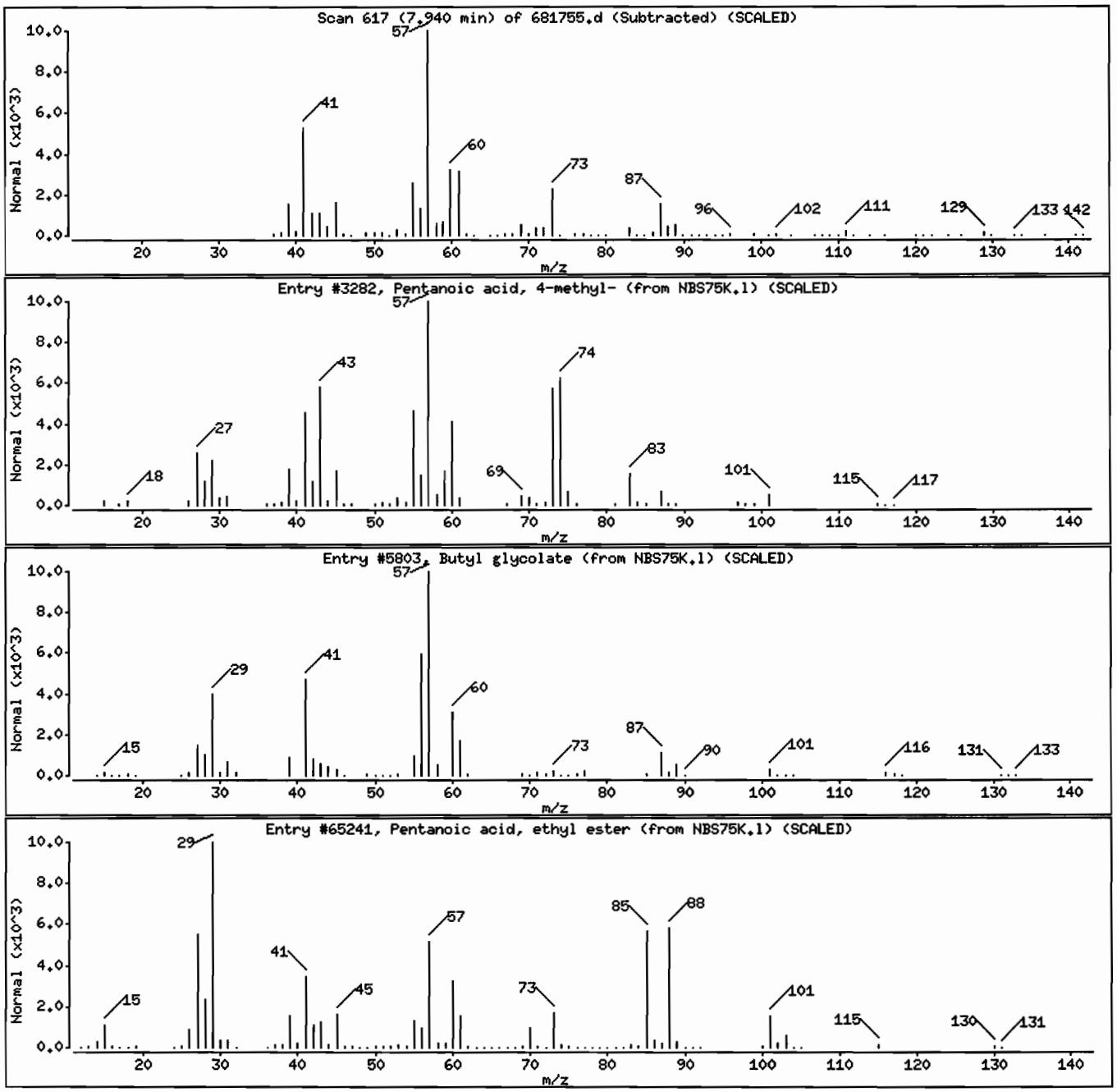
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown aliphatic compound						
Pentanoic acid, 4-methyl-	646-07-1	NBS75K.l	3282	38	C6H1202	116
Butyl glycolate	7397-62-8	NBS75K.l	5803	37	C6H1203	132
Pentanoic acid, ethyl ester	539-82-2	NBS75K.l	65241	25	C7H1402	130



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

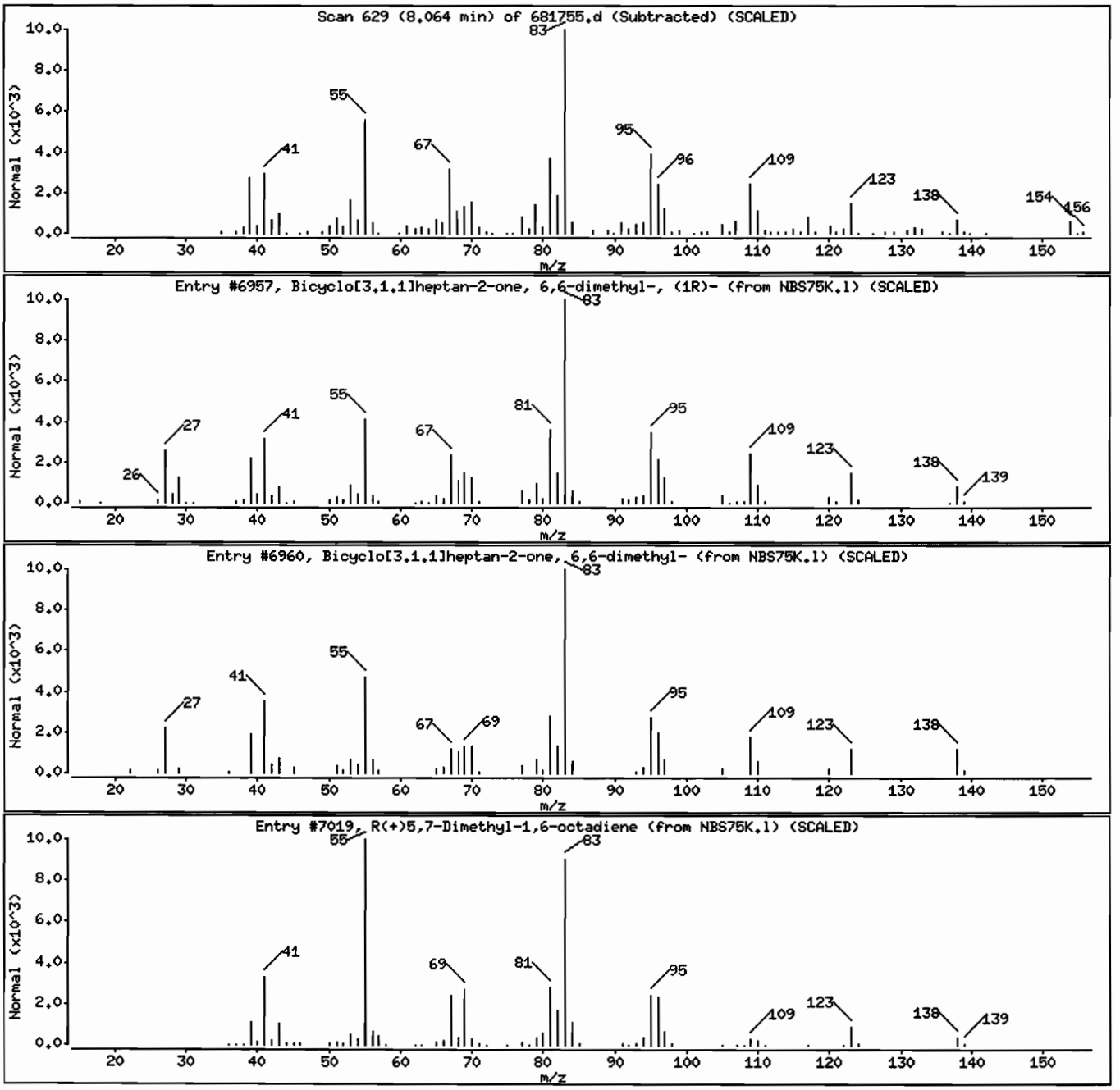
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Bicyclo[3.1.1]heptan-2-one, 6,6-dimethyl	38651-65-9	NBS75K.l	6957	96	C9H140	138
Bicyclo[3.1.1]heptan-2-one, 6,6-dimethyl	24903-95-5	NBS75K.l	6960	86	C9H140	138
R(+)5,7-Dimethyl-1,6-octadiene	0-00-0	NBS75K.l	7019	59	C10H18	138



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

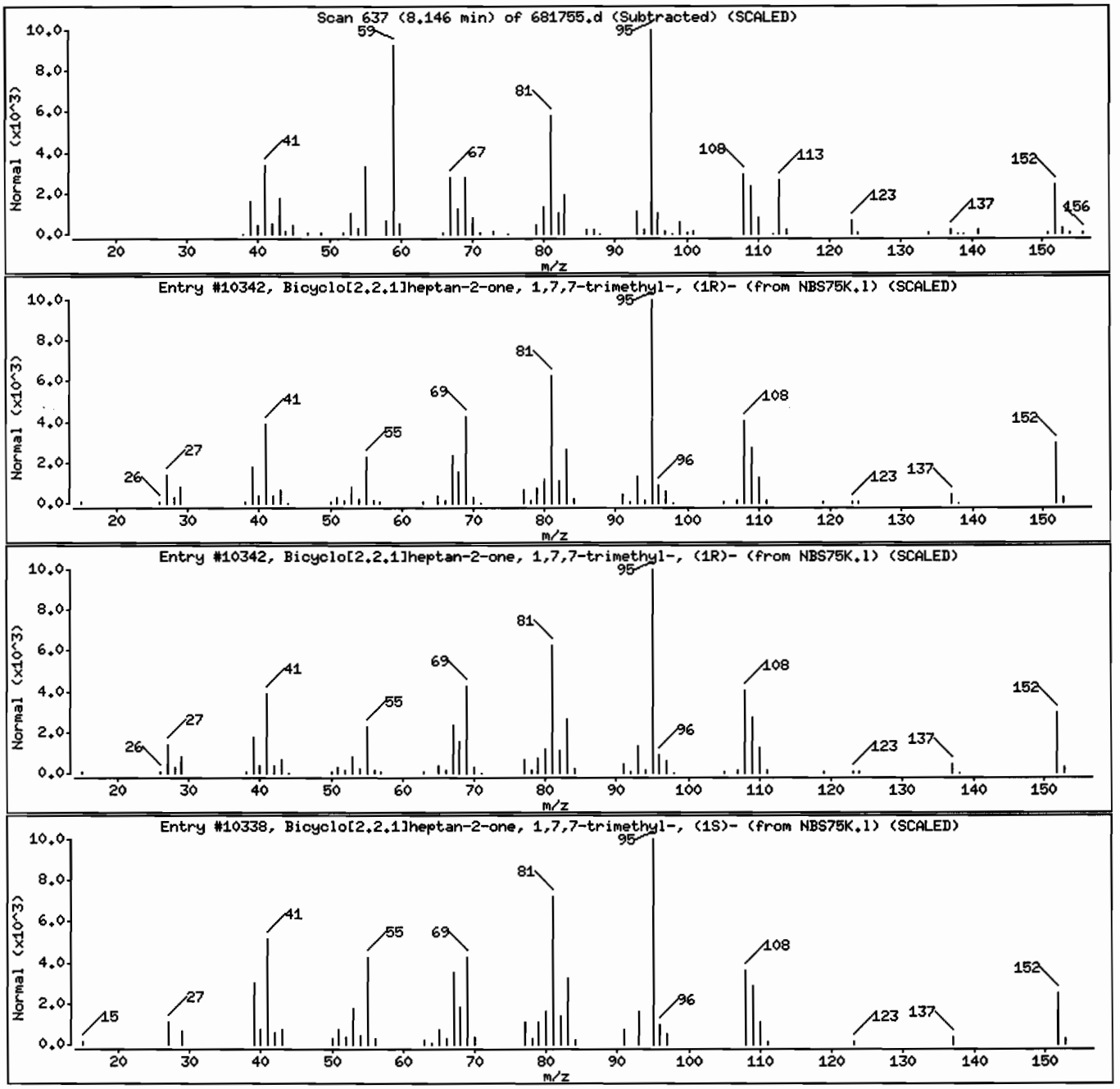
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimet	464-49-3	NBS75K.l	10342	64	C10H16O	152
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimet	464-49-3	NBS75K.l	10342	64	C10H16O	152
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimet	464-48-2	NBS75K.l	10338	50	C10H16O	152



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

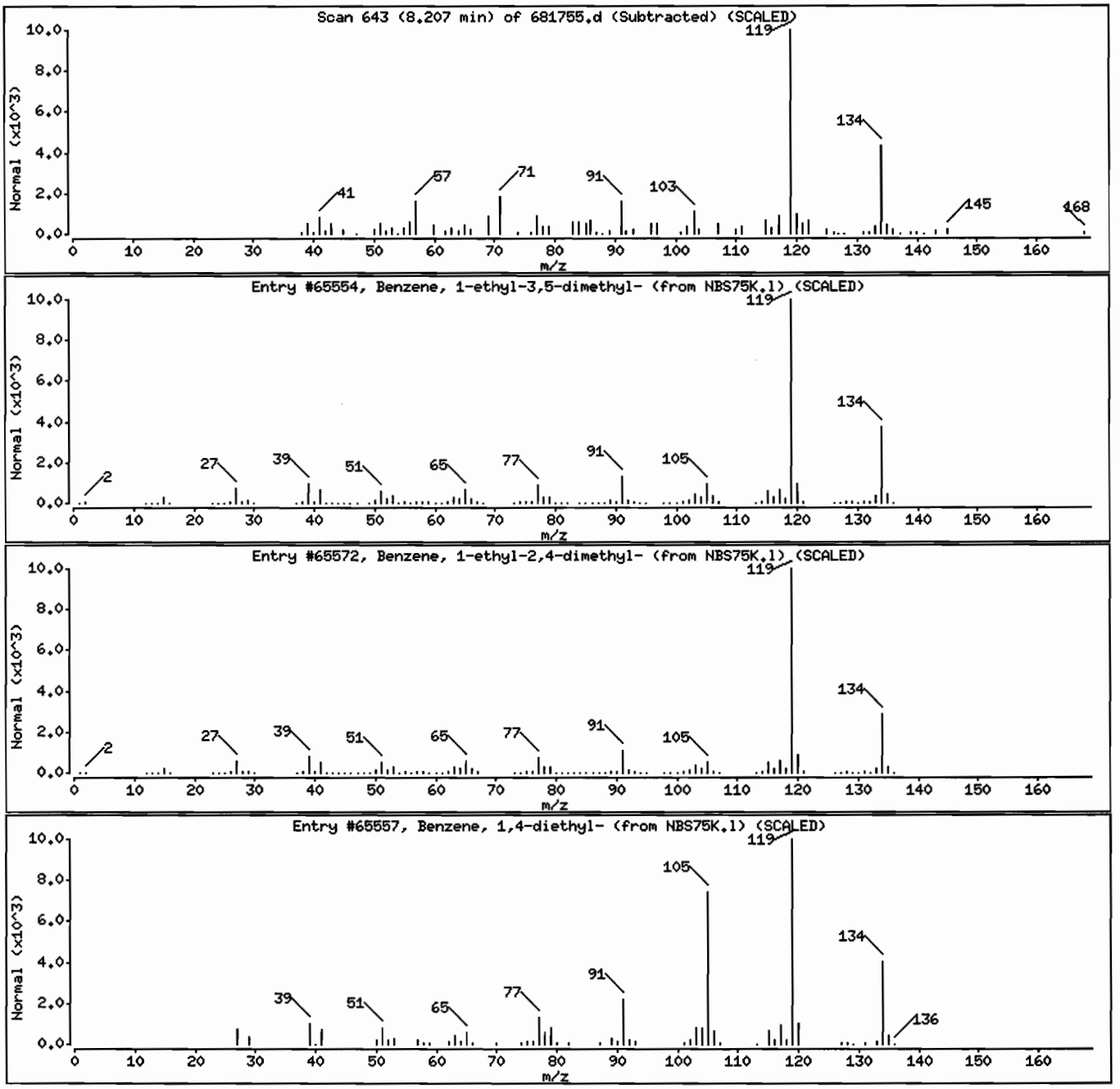
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NBS75K.l	65554	87	C10H14	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NBS75K.l	65572	87	C10H14	134
Benzene, 1,4-diethyl-	105-05-5	NBS75K.l	65557	87	C10H14	134



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

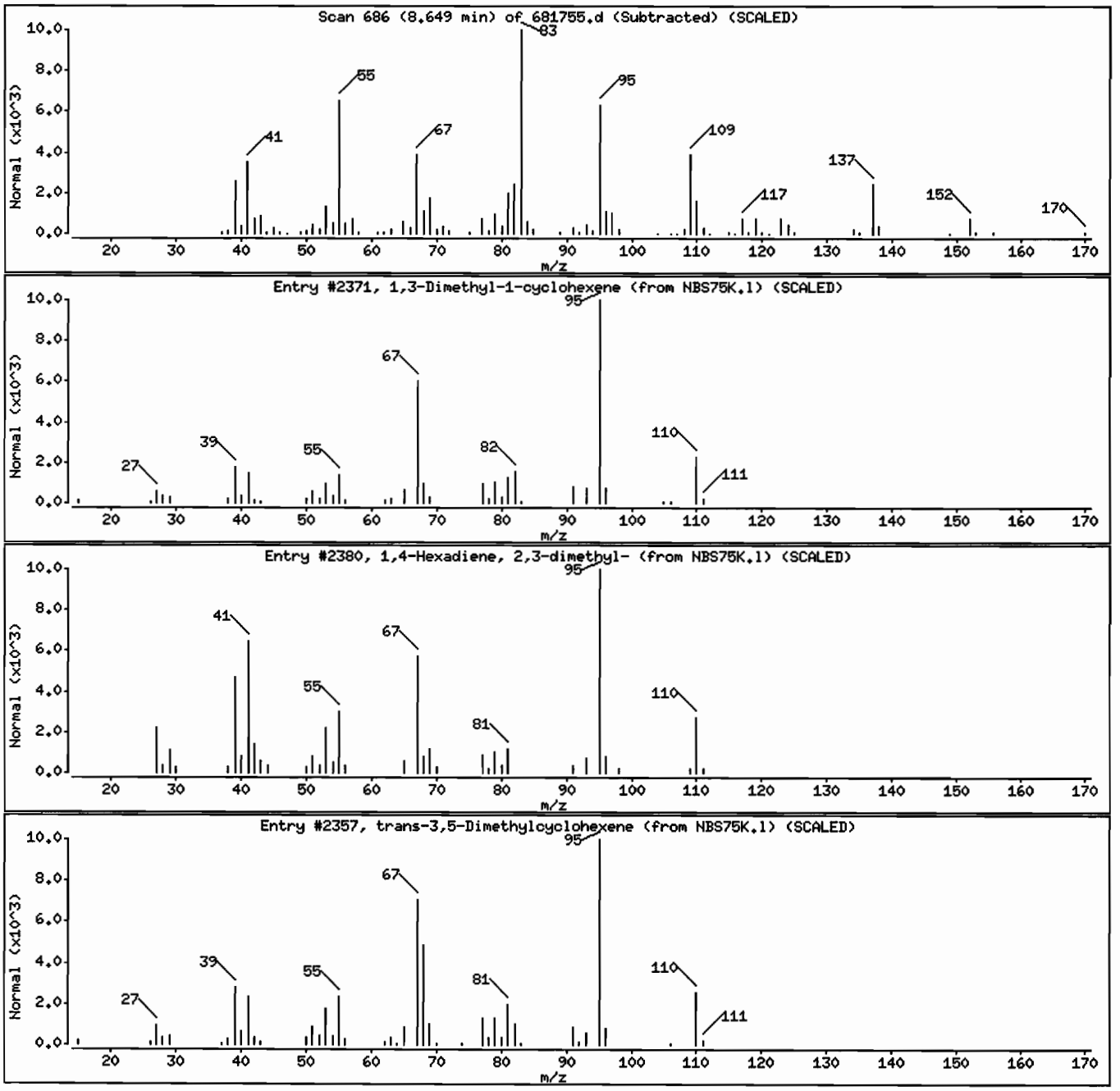
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1,3-Dimethyl-1-cyclohexene	2808-76-6	NBS75K.l	2371	38	C8H14	110
1,4-Hexadiene, 2,3-dimethyl-	18669-52-8	NBS75K.l	2380	38	C8H14	110
trans-3,5-Dimethylcyclohexene	56021-63-7	NBS75K.l	2357	38	C8H14	110



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

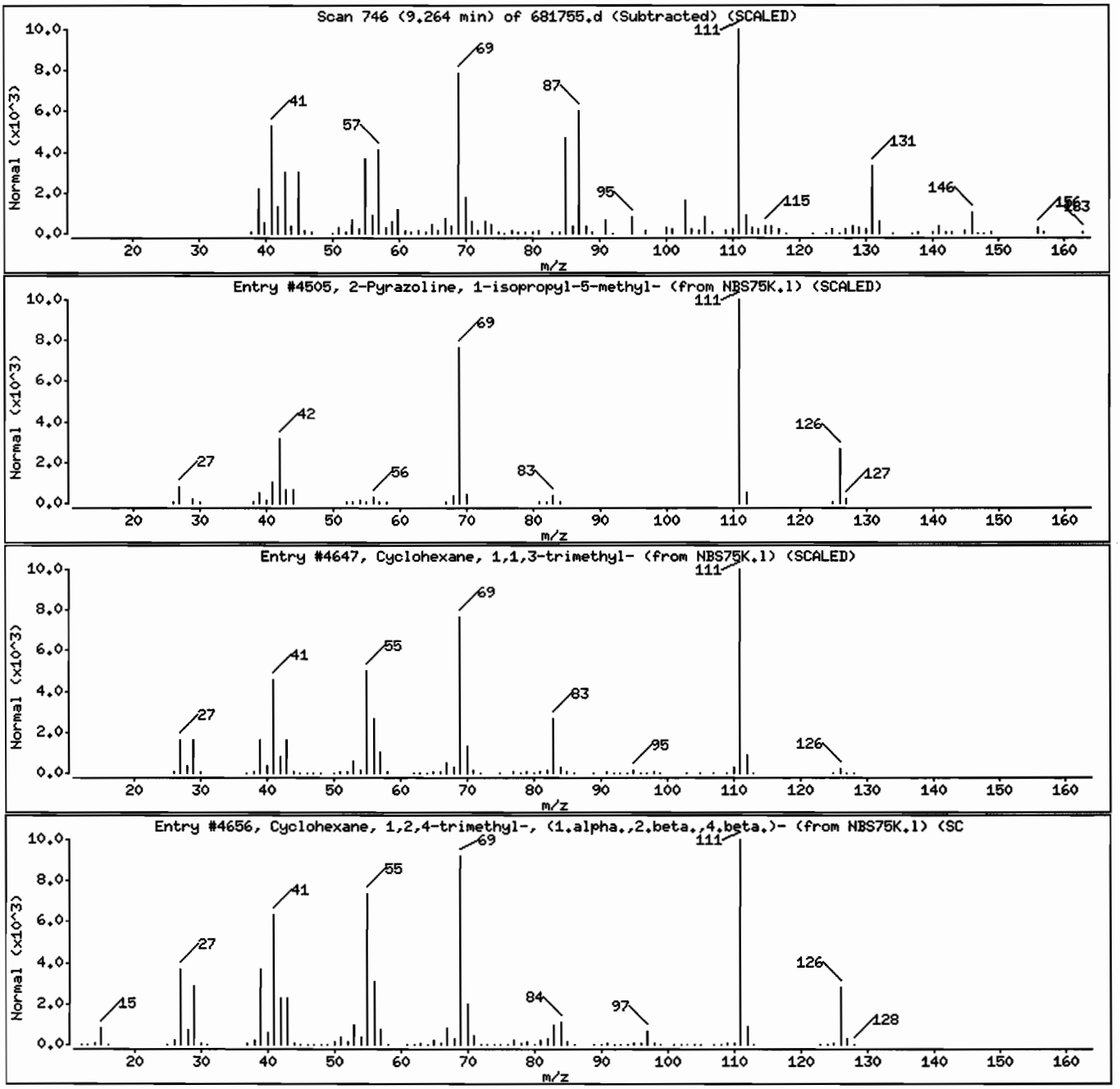
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Pyrazoline, 1-isopropyl-5-methyl-	26964-54-5	NBS75K.l	4505	38	C7H14N2	126
Cyclohexane, 1,1,3-trimethyl-	3073-66-3	NBS75K.l	4647	38	C9H18	126
Cyclohexane, 1,2,4-trimethyl-, (1.alpha.	7667-60-9	NBS75K.l	4656	38	C9H18	126



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

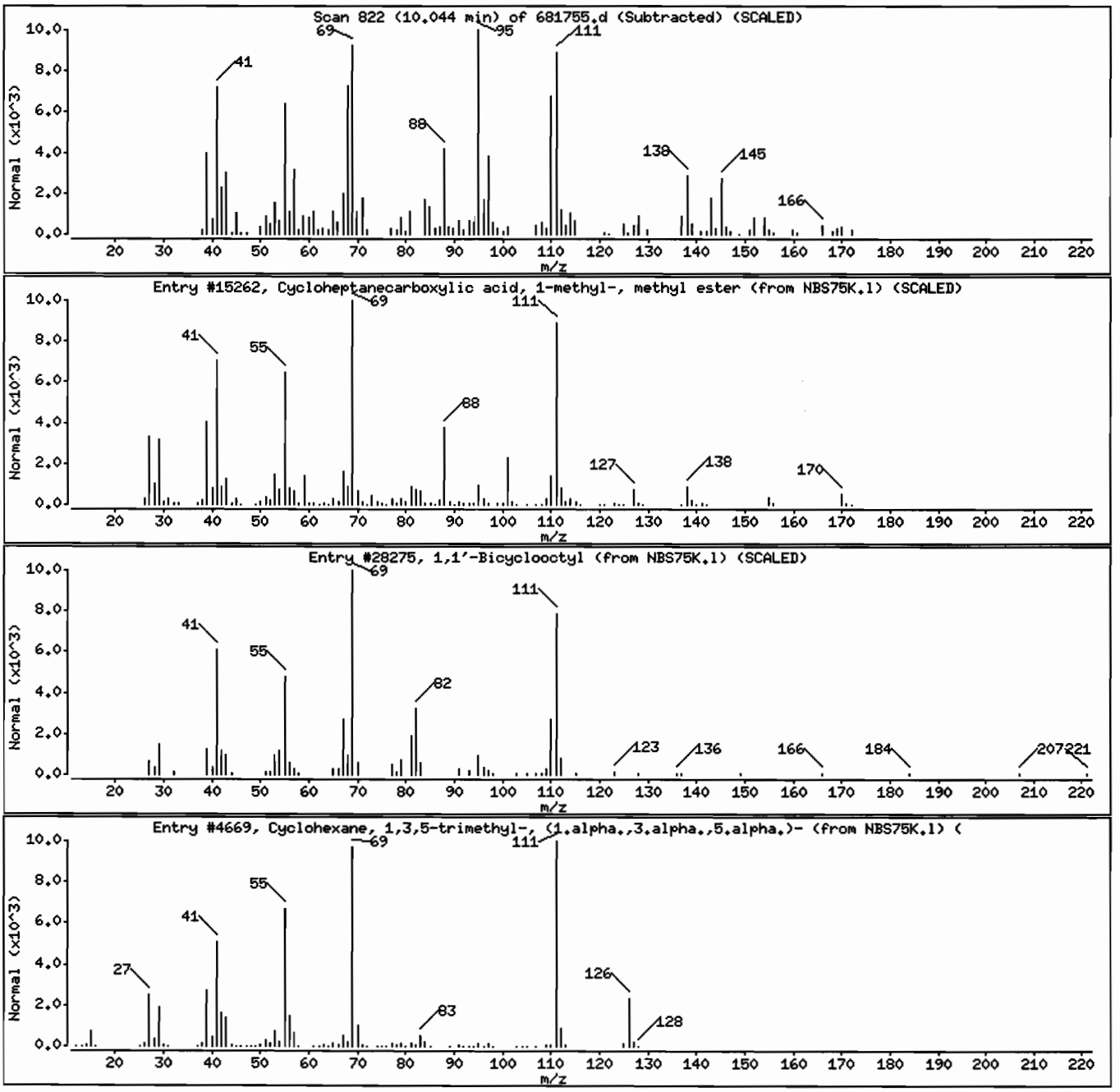
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cycloheptanecarboxylic acid, 1-methyl-,	7362-77-8	NBS75K.l	15262	35	C10H1802	170
1,1'-Bicyclooctyl	6708-17-4	NBS75K.l	28275	30	C16H30	222
Cyclohexane, 1,3,5-trimethyl-, (1.alpha.	1795-27-3	NBS75K.l	4669	22	C9H18	126



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

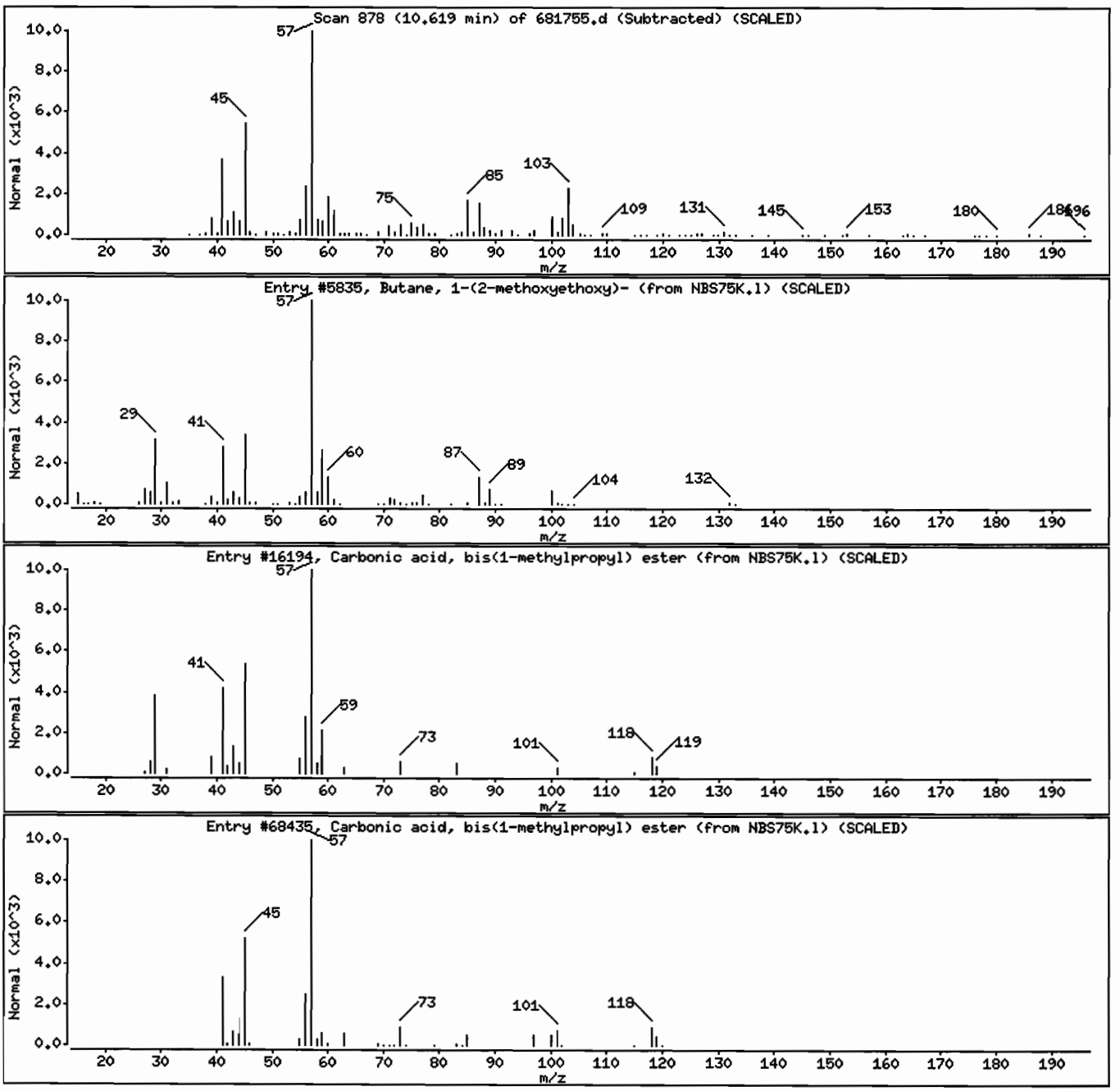
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Butane, 1-(2-methoxyethoxy)-	13343-98-1	NBS75K.l	5835	47	C7H1602	132
Carbonic acid, bis(1-methylpropyl) ester	623-63-2	NBS75K.l	16194	38	C9H1803	174
Carbonic acid, bis(1-methylpropyl) ester	623-63-2	NBS75K.l	68435	38	C9H1803	174



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

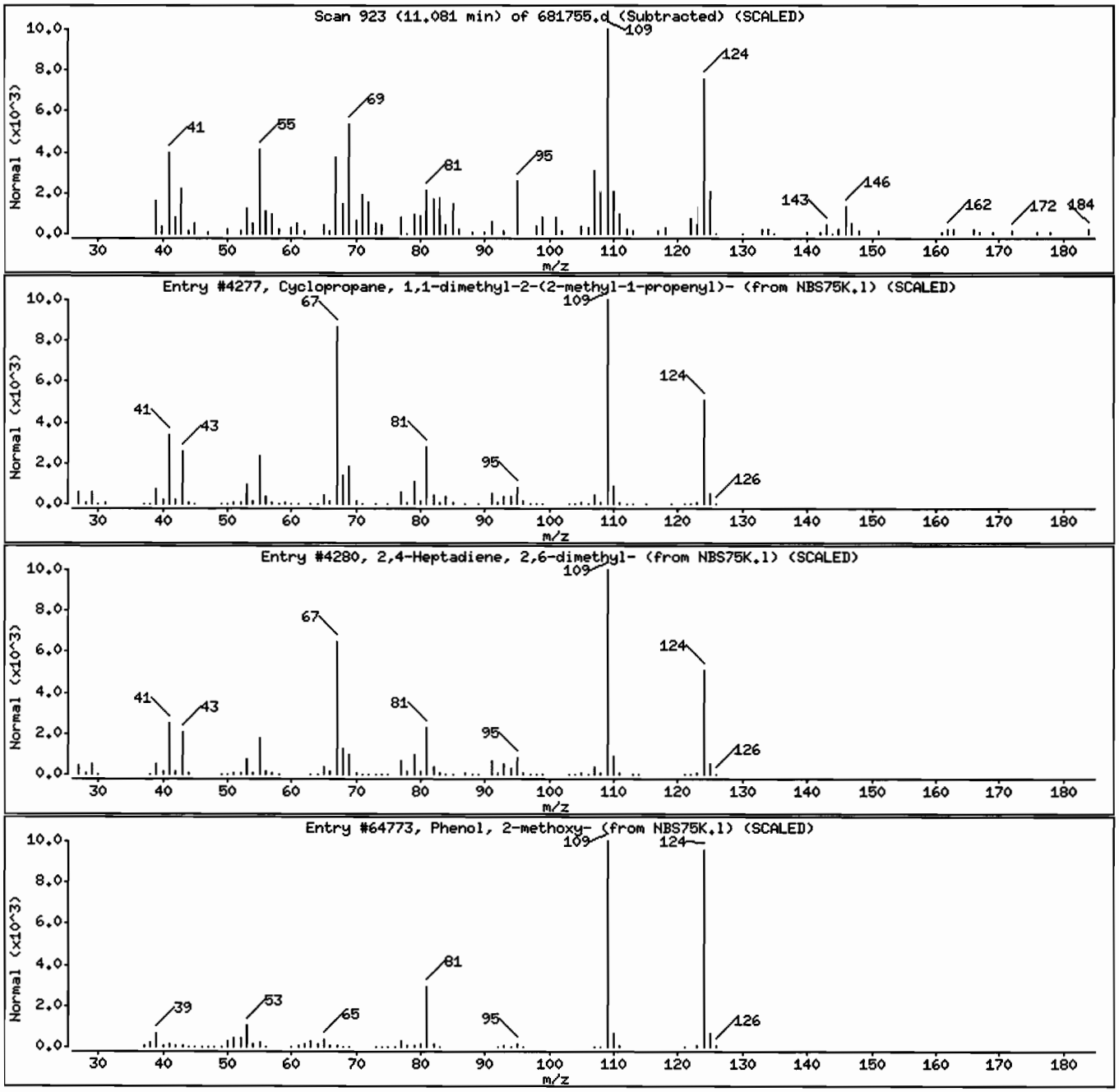
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown aliphatic compound						
Cyclopropane, 1,1-dimethyl-2-(2-methyl-1	33422-32-1	NBS75K.l	4277	49	C9H16	124
2,4-Heptadiene, 2,6-dimethyl-	4634-87-1	NBS75K.l	4280	47	C9H16	124
Phenol, 2-methoxy-	90-05-1	NBS75K.l	64773	47	C7H8O2	124



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

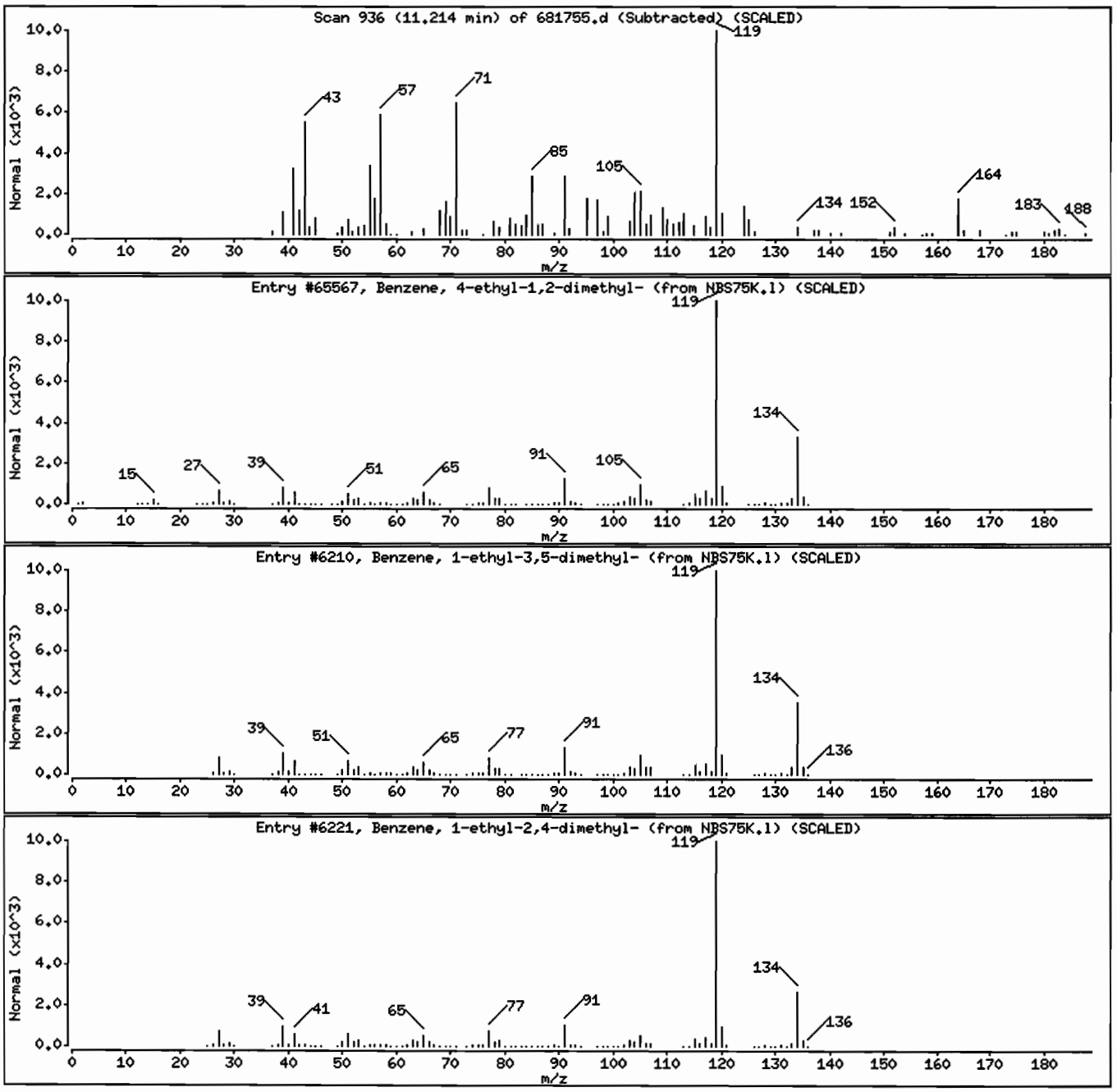
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown aromatic compound						
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NBS75K.l	65567	35	C10H14	134
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NBS75K.l	6210	35	C10H14	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NBS75K.l	6221	35	C10H14	134



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

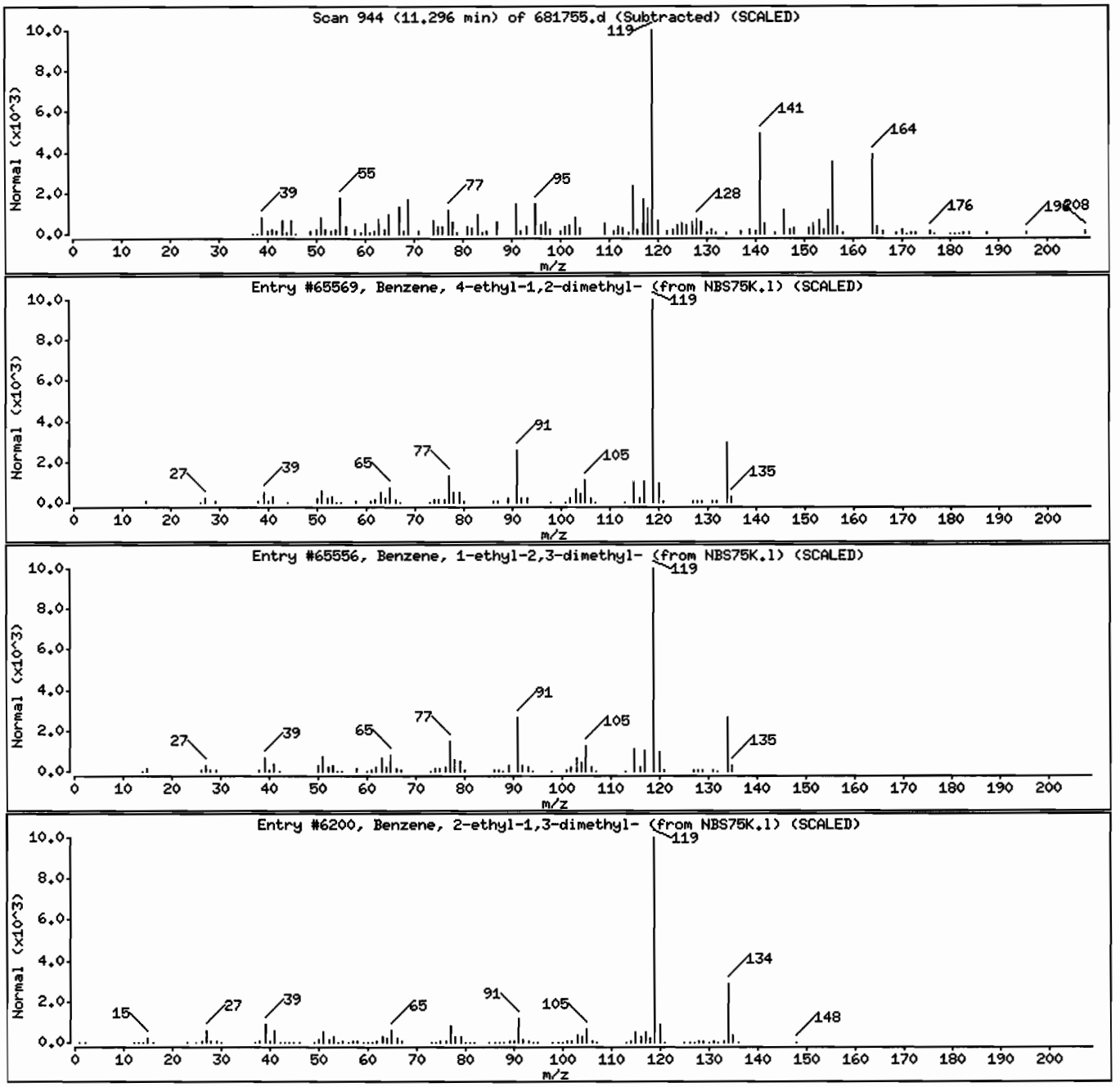
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown aromatic compound						
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NBS75K.l	65569	22	C10H14	134
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NBS75K.l	65556	22	C10H14	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NBS75K.l	6200	22	C10H14	134



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

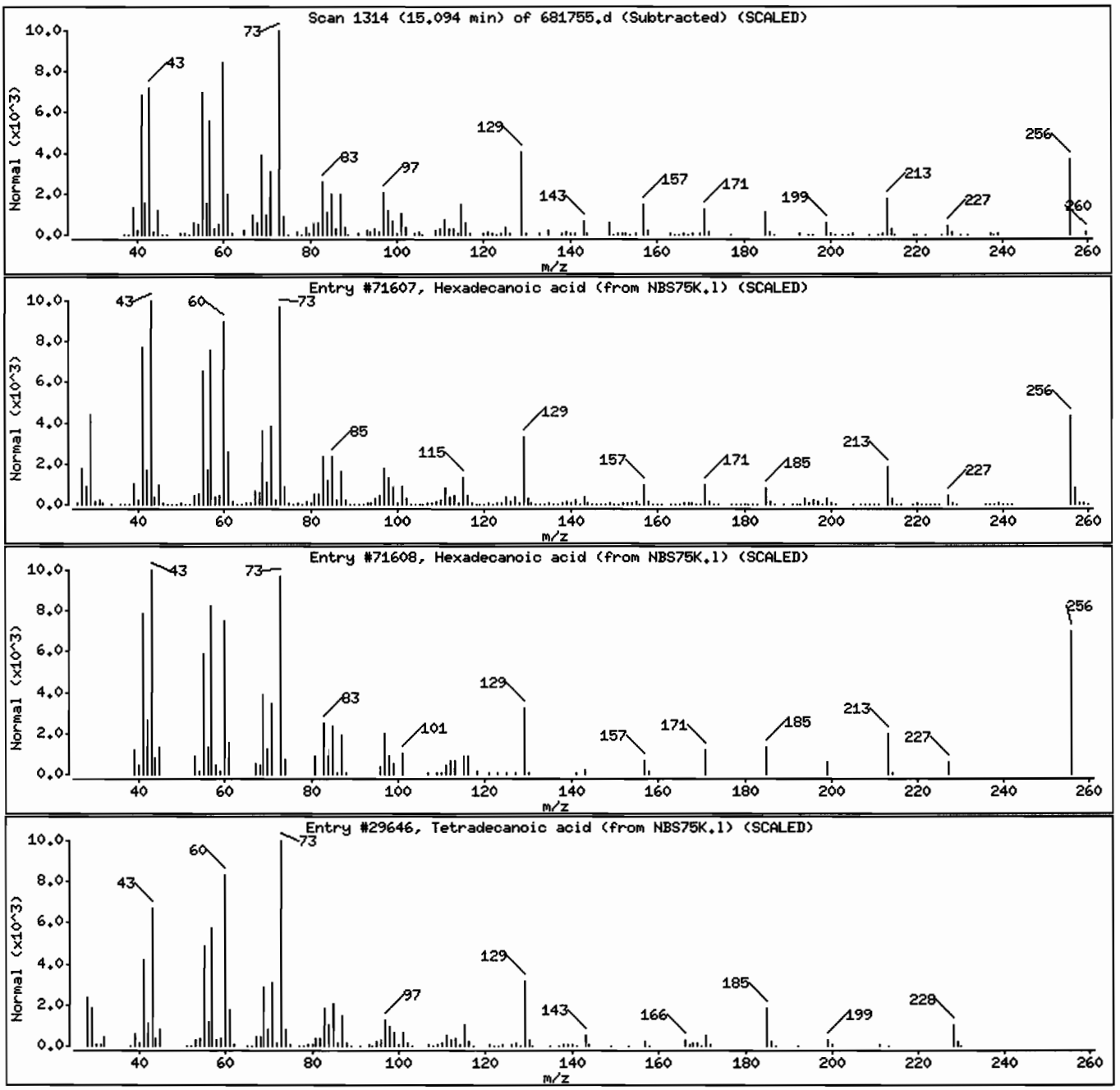
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexadecanoic acid	57-10-3	NBS75K.l	71607	99	C16H3202	256
Hexadecanoic acid	57-10-3	NBS75K.l	71608	98	C16H3202	256
Tetradecanoic acid	544-63-8	NBS75K.l	29646	91	C14H2802	228



Data File: /chem/P.i/Psvr.p/pafa8270.b/681755.d

Date : 30-SEP-2006 21:19

Client ID: MW-1D

Instrument: P.i

Sample Info: MW-1D :[ ]08/31/06 @1230(WATER)

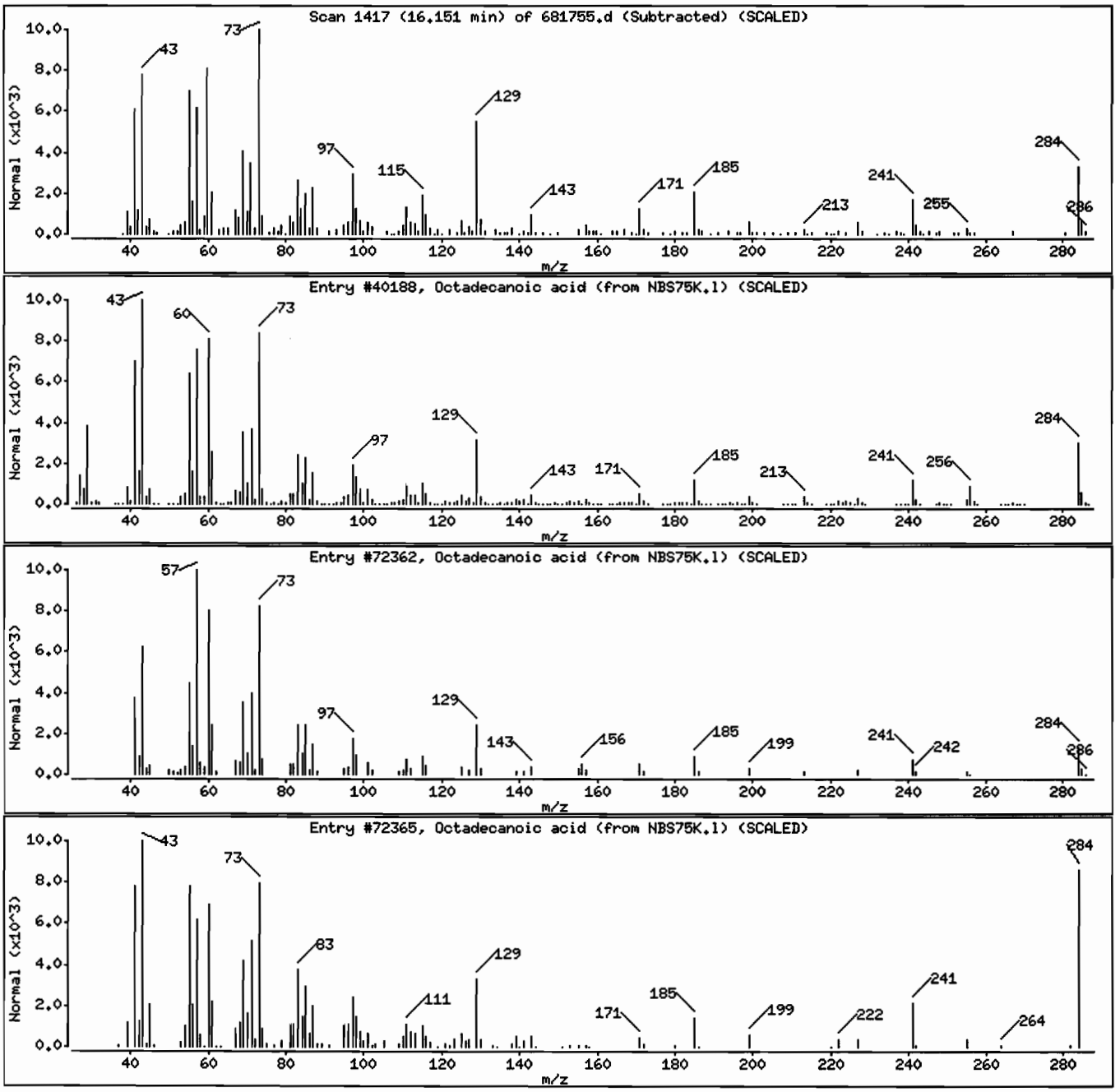
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octadecanoic acid	57-11-4	NBS75K.l	40188	93	C18H3602	284
Octadecanoic acid	57-11-4	NBS75K.l	72362	89	C18H3602	284
Octadecanoic acid	57-11-4	NBS75K.l	72365	87	C18H3602	284



1LCB

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1DD

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681754 Date Received: 09/02/06

Lab File ID: 681754 Date Extracted: 09/05/06

Sample Volume: 875.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
108-95-2	Phenol	6	U
111-44-4	bis(2-Chloroethyl)Ether	6	U
95-57-8	2-Chlorophenol	6	U
108-60-1	2,2'-oxybis(1-Chloropropane)	6	U
95-48-7	2-Methylphenol	6	U
67-72-1	Hexachloroethane	6	U
621-64-7	N-Nitroso-di-n-propylamine	6	U
106-44-5	4-Methylphenol	6	U
98-95-3	Nitrobenzene	6	U
78-59-1	Isophorone	6	U
88-75-5	2-Nitrophenol	6	U
105-67-9	2,4-Dimethylphenol	6	U
111-91-1	bis(2-Chloroethoxy)methane	6	U
120-83-2	2,4-Dichlorophenol	6	U
91-20-3	Naphthalene	6	U
106-47-8	4-Chloroaniline	6	U
87-68-3	Hexachlorobutadiene	6	U
59-50-7	4-Chloro-3-Methylphenol	6	U
91-57-6	2-Methylnaphthalene	6	U
77-47-4	Hexachlorocyclopentadiene	6	U
88-06-2	2,4,6-Trichlorophenol	6	U
95-95-4	2,4,5-Trichlorophenol	23	U
91-58-7	2-Chloronaphthalene	6	U
88-74-4	2-Nitroaniline	23	U
131-11-3	Dimethylphthalate	6	U
208-96-8	Acenaphthylene	6	U
606-20-2	2,6-Dinitrotoluene	6	U
83-32-9	Acenaphthene	6	U
99-09-2	3-Nitroaniline	23	U

1LCC

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1DD

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681754 Date Received: 09/02/06

Lab File ID: 681754 Date Extracted: 09/05/06

Sample Volume: 875.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
51-28-5	2,4-Dinitrophenol	23	U
132-64-9	Dibenzofuran	6	U
100-02-7	4-Nitrophenol	23	U
121-14-2	2,4-Dinitrotoluene	6	U
86-73-7	Fluorene	6	U
84-66-2	Diethylphthalate	6	U
7005-72-3	4-Chlorophenyl-phenylether	6	U
100-01-6	4-Nitroaniline	23	U
534-52-1	4,6-Dinitro-2-methylphenol	23	U
86-30-6	N-nitrosodiphenylamine (1)	6	U
101-55-3	4-Bromophenyl-phenylether	6	U
118-74-1	Hexachlorobenzene	6	U
87-86-5	Pentachlorophenol	23	U
85-01-8	Phenanthrene	6	U
120-12-7	Anthracene	6	U
84-74-2	Di-n-butylphthalate	6	U
206-44-0	Fluoranthene	6	U
129-00-0	Pyrene	6	U
85-68-7	Butylbenzylphthalate	6	U
56-55-3	Benzo(a)anthracene	6	U
91-94-1	3,3'-Dichlorobenzidine	6	U
218-01-9	Chrysene	6	U
117-81-7	bis(2-Ethylhexyl)phthalate	6	U
117-84-0	Di-n-octylphthalate	6	U
205-99-2	Benzo(b)fluoranthene	6	U
207-08-9	Benzo(k)fluoranthene	6	U
50-32-8	Benzo(a)pyrene	6	U
193-39-5	Indeno(1,2,3-cd)pyrene	6	U
53-70-3	Dibenz(a,h)anthracene	6	U
191-24-2	Benzo(g,h,i)perylene	6	U

(1) - Cannot be separated from Diphenylamine

1LCF

EPA SAMPLE NO.

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW-1DD

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681754 Date Received: 09/02/06

Lab File ID: 681754 Date Extracted: 09/05/06

Sample Volume: 875.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

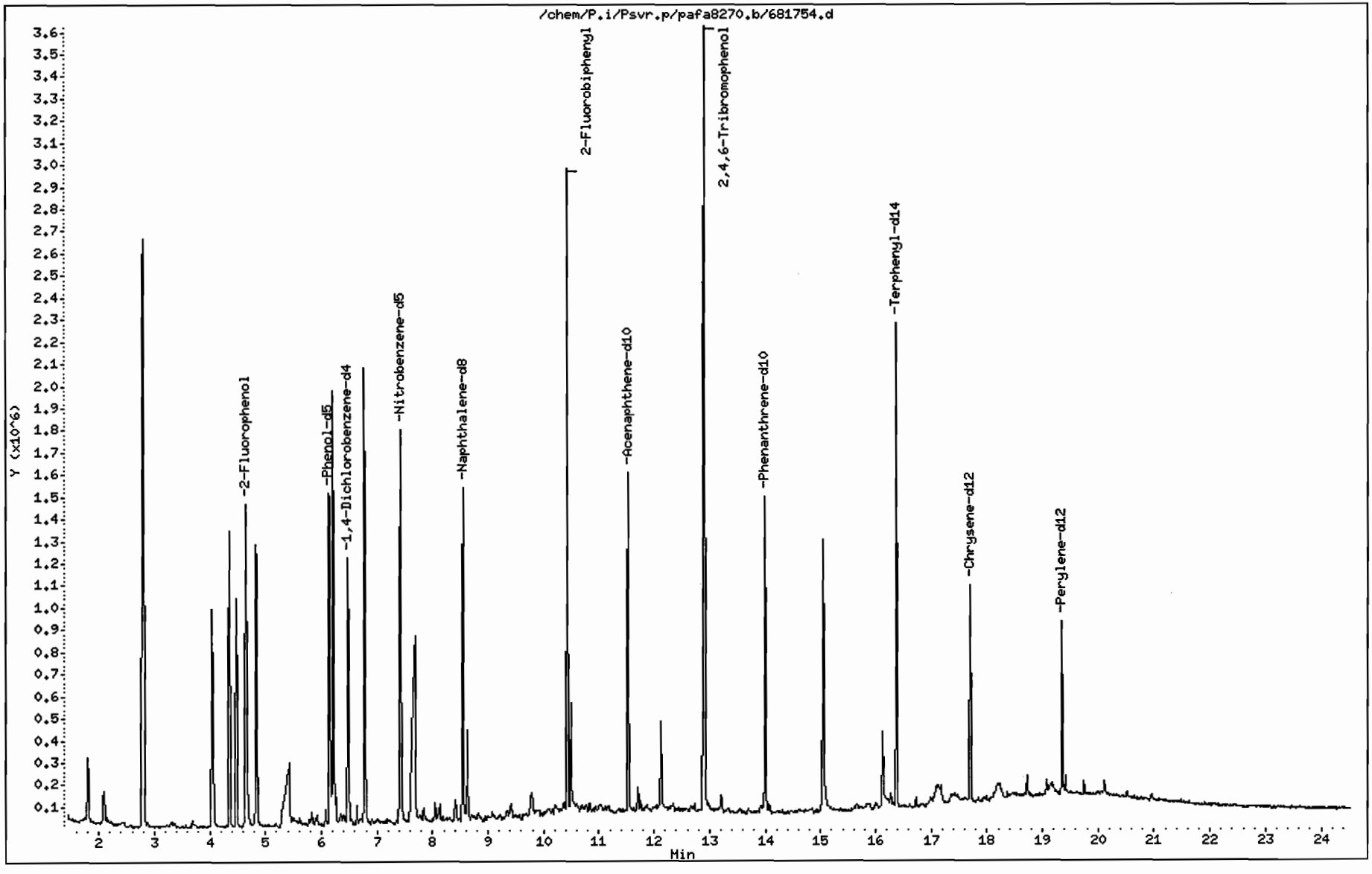
Injection Volume: 1 (uL)

Number TICs found: 5

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC. (ug/L)	Q
1.	123-42-2	2-PENTANONE, 4-HYDROXY-4-MET	4.04	22	NJAB
2.		UNKNOWN	5.44	24	J
3.		UNKNOWN ALIPHATIC COMPOUND	7.68	38	J
4.	57-10-3	HEXADECANOIC ACID	15.05	30	NJ
5.	57-11-4	OCTADECANOIC ACID	16.13	12	NJ
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: /chem/P.i/Psvr.p/pafa8270.b/681754.d
Date : 30-SEP-2006 20:46
Client ID: MW-1DD
Sample Info: MW-1DD :[ ]08/31/06 @0850(WATER)
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: prp
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681754.d
Lab Smp Id: 681754 Client Smp ID: MW-1DD
Inj Date : 30-SEP-2006 20:46
Operator : prp Inst ID: P.i
Smp Info : MW-1DD :[ ]08/31/06 @0850(WATER)
Misc Info : 681754,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	875.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
$	2 2-Fluorophenol	112	4.647	4.630	(0.718)	776732	35.0143	40
$	4 Phenol-d5	99	6.145	6.118	(0.949)	1057190	38.9591	45
	5 Phenol	94	Compound Not Detected.					
	6 bis(2-Chloroethyl)Ether	93	Compound Not Detected.					
	8 2-Chlorophenol	128	Compound Not Detected.					
*	10 1,4-Dichlorobenzene-d4	152	6.474	6.467	(1.000)	275200	20.0000	
	15 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	16 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	116	Compound Not Detected.					
	18 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	19 4-Methylphenol	108	Compound Not Detected.					
$	20 Nitrobenzene-d5	82	7.418	7.401	(0.868)	839460	39.0203	45
	21 Nitrobenzene	77	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	22 Isophorone	82	Compound Not Detected.					
	23 2-Nitrophenol	139	Compound Not Detected.					
	24 2,4-Dimethylphenol	107	Compound Not Detected.					
	25 bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	26 2,4-Dichlorophenol	162	Compound Not Detected.					
*	29 Naphthalene-d8	136	8.547	8.530	(1.000)	992701	20.0000	
	30 Naphthalene	128	Compound Not Detected.					
	31 4-Chloroaniline	127	Compound Not Detected.					
	32 Hexachlorobutadiene	224	Compound Not Detected.					
	33 4-Chloro-3-Methylphenol	107	Compound Not Detected.					
	34 2-Methylnaphthalene	142	Compound Not Detected.					
	35 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	36 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	37 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	38 2-Fluorobiphenyl	172	10.425	10.418	(0.905)	1223583	35.0136	40
	39 2-Chloronaphthalene	162	Compound Not Detected.					
	40 2-Nitroaniline	65	Compound Not Detected.					
	42 Acenaphthylene	152	Compound Not Detected.					
	41 Dimethylphthalate	163	Compound Not Detected.					
	43 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	44 Acenaphthene-d10	164	11.523	11.516	(1.000)	494510	20.0000	
	45 Acenaphthene	153	Compound Not Detected.					
	46 3-Nitroaniline	138	Compound Not Detected.					
	47 2,4-Dinitrophenol	184	Compound Not Detected.					
	48 Dibenzofuran	168	Compound Not Detected.					
	49 4-Nitrophenol	109	Compound Not Detected.					
	50 2,4-Dinitrotoluene	165	Compound Not Detected.					
	51 Fluorene	166	Compound Not Detected.					
	52 Diethylphthalate	149	Compound Not Detected.					
	53 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	54 4-Nitroaniline	138	Compound Not Detected.					
	55 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	56 N-nitrosodiphenylamine	169	Compound Not Detected.					
$	57 2,4,6-Tribromophenol	330	12.898	12.892	(0.922)	611151	114.825	130(A)
	58 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	59 Hexachlorobenzene	283	Compound Not Detected.					
	60 Pentachlorophenol	265	Compound Not Detected.					
*	61 Phenanthrene-d10	188	13.997	13.990	(1.000)	683081	20.0000	
	62 Phenanthrene	178	Compound Not Detected.					
	63 Anthracene	178	Compound Not Detected.					
	65 Di-n-butylphthalate	149	Compound Not Detected.					
	66 Fluoranthene	202	Compound Not Detected.					
	67 Pyrene	202	Compound Not Detected.					
$	68 Terphenyl-d14	244	16.378	16.361	(0.925)	969667	41.6860	48
	69 Butylbenzylphthalate	149	Compound Not Detected.					
	70 Benzo(a)anthracene	228	Compound Not Detected.					
*	71 Chrysene-d12	240	17.701	17.695	(1.000)	425490	20.0000	
	72 3,3'-Dichlorobenzidine	252	Compound Not Detected.					

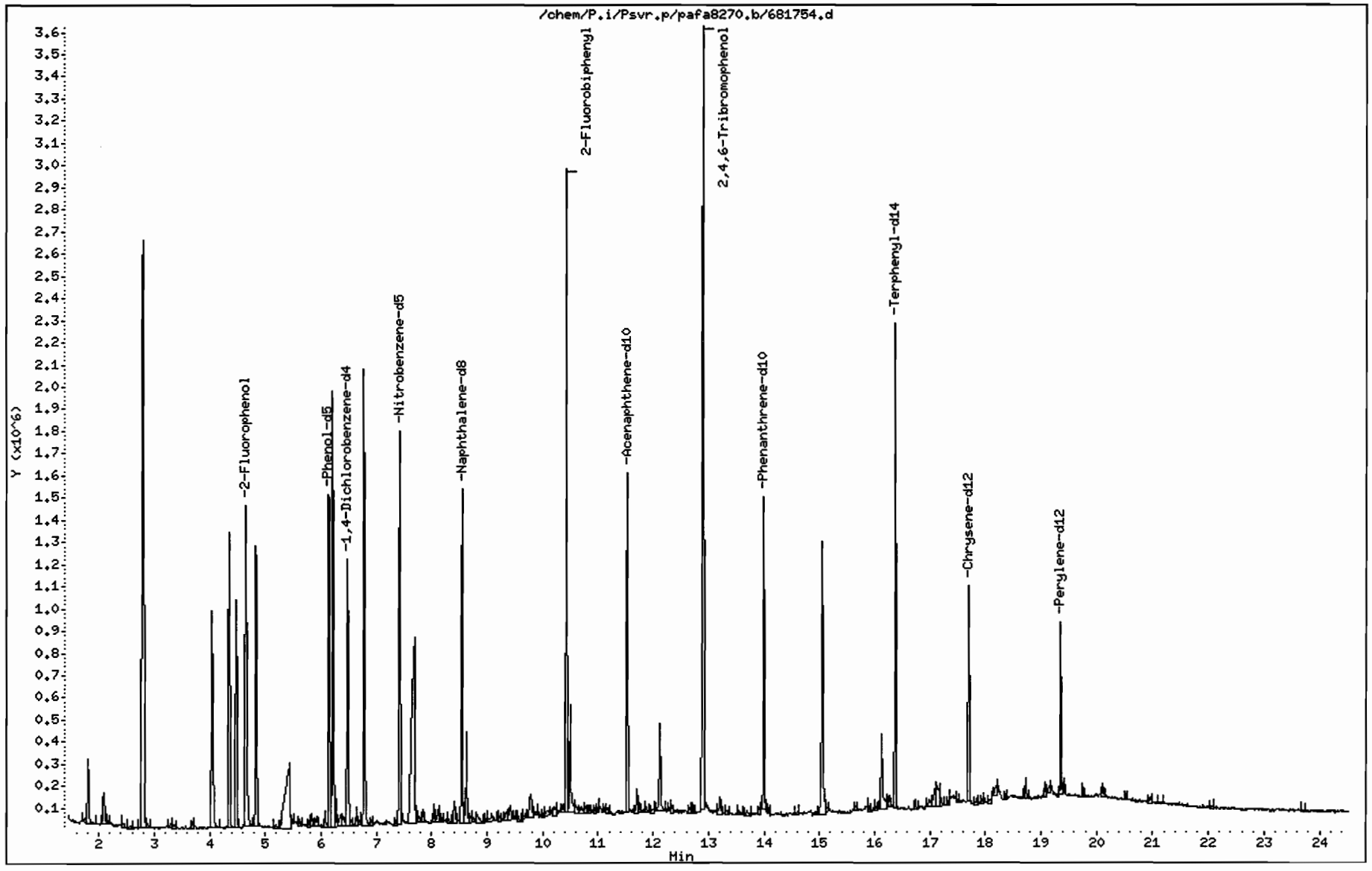
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
73 Chrysene	228	Compound Not Detected.					
74 bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
75 Di-n-octylphthalate	149	Compound Not Detected.					
76 Benzo(b)fluoranthene	252	Compound Not Detected.					
77 Benzo(k)fluoranthene	252	Compound Not Detected.					
78 Benzo(a)pyrene	252	Compound Not Detected.					
* 79 Perylene-d12	264	19.354	19.357	(1.000)	322437	20.0000	
80 Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
81 Dibenz(a,h)anthracene	278	Compound Not Detected.					
82 Benzo(g,h,i)perylene	276	Compound Not Detected.					

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/P.i/Psvr.p/pafa8270.b/681754.d
Date : 30-SEP-2006 20:46
Client ID: MW-1DD
Sample Info: MW-1DD :[ ]08/31/06 @0850(WATER)
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: prp
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681754.d
Lab Smp Id: 681754 Client Smp ID: MW-1DD
Inj Date : 30-SEP-2006 20:46
Operator : prp Inst ID: P.i
Smp Info : MW-1DD :[ ]08/31/06 @0850(WATER)
Misc Info : 681754,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	875.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 10 1,4-Dichlorobenzene-d4	6.474	1661530	20.000
* 29 Naphthalene-d8	8.547	2086170	20.000
* 61 Phenanthrene-d10	13.997	1828967	20.000
* 71 Chrysene-d12	17.701	1267199	20.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
2-Pentanone, 4-hydroxy-4-methyl-				CAS #: 123-42-2			
4.041	1626372	19.5768027	22	50	NBS75K.l	64274	10
Unknown				CAS #:			
5.437	1735123	20.8858488	24	0		0	10
Unknown aliphatic compound				CAS #:			
7.685	3441407	32.9925785	38	0		0	29
Hexadecanoic acid				CAS #: 57-10-3			
15.054	2366692	25.8800907	30	98	NBS75K.l	71608	61
Octadecanoic acid				CAS #: 57-11-4			
16.131	684043	10.7961322	12	96	NBS75K.l	40188	71

STL Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: P.i
Lab File ID: 681754.d
Lab Smp Id: 681754
Analysis Type: SV
Quant Type: ISTD
Operator: prp
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681754,0188_MBLK090506F,1

Calibration Date: 30-SEP-2006
Calibration Time: 14:02
Client Smp ID: MW-1DD
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	234993	117496	469986	275200	17.11
29 Naphthalene-d8	864971	432486	1729942	992701	14.77
44 Acenaphthene-d10	443503	221752	887006	494510	11.50
61 Phenanthrene-d10	632401	316200	1264802	683081	8.01
71 Chrysene-d12	556585	278292	1113170	425490	-23.55
79 Perylene-d12	565792	282896	1131584	322437	-43.01

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	6.47	6.14	6.80	6.47	0.10
29 Naphthalene-d8	8.53	8.20	8.86	8.55	0.20
44 Acenaphthene-d10	11.52	11.19	11.85	11.52	0.06
61 Phenanthrene-d10	13.99	13.66	14.32	14.00	0.05
71 Chrysene-d12	17.69	17.36	18.02	17.70	0.04
79 Perylene-d12	19.36	19.03	19.69	19.35	-0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

STL Burlington

RECOVERY REPORT

Client Name: STLCTS
Client SDG: 213609
Sample Matrix: LIQUID
Fraction: SV
Lab Smp Id: 681754
Client Smp ID: MW-1DD
Level: LOW
Operator: prp
Data Type: MS DATA
SampleType: SAMPLE
SpikeList File: OLClcs.spk
Quant Type: ISTD
Sublist File: OLC.sub
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681754,0188_MBLK090506F,1

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 2 2-Fluorophenol	46	40	87.54	15-121
$ 4 Phenol-d5	46	45	97.40	15-115
$ 20 Nitrobenzene-d5	46	45	97.55	23-120
$ 38 2-Fluorobiphenyl	46	40	87.53	30-115
$ 57 2,4,6-Tribromophen	140	130	95.69	15-130
$ 68 Terphenyl-d14	46	48	104.21	18-140

Data File: /chem/P.i/Psvr.p/pafa8270.b/681754.d

Date : 30-SEP-2006 20:46

Client ID: MW-1DD

Instrument: P.i

Sample Info: MW-1DD :[ ]08/31/06 @0850(WATER)

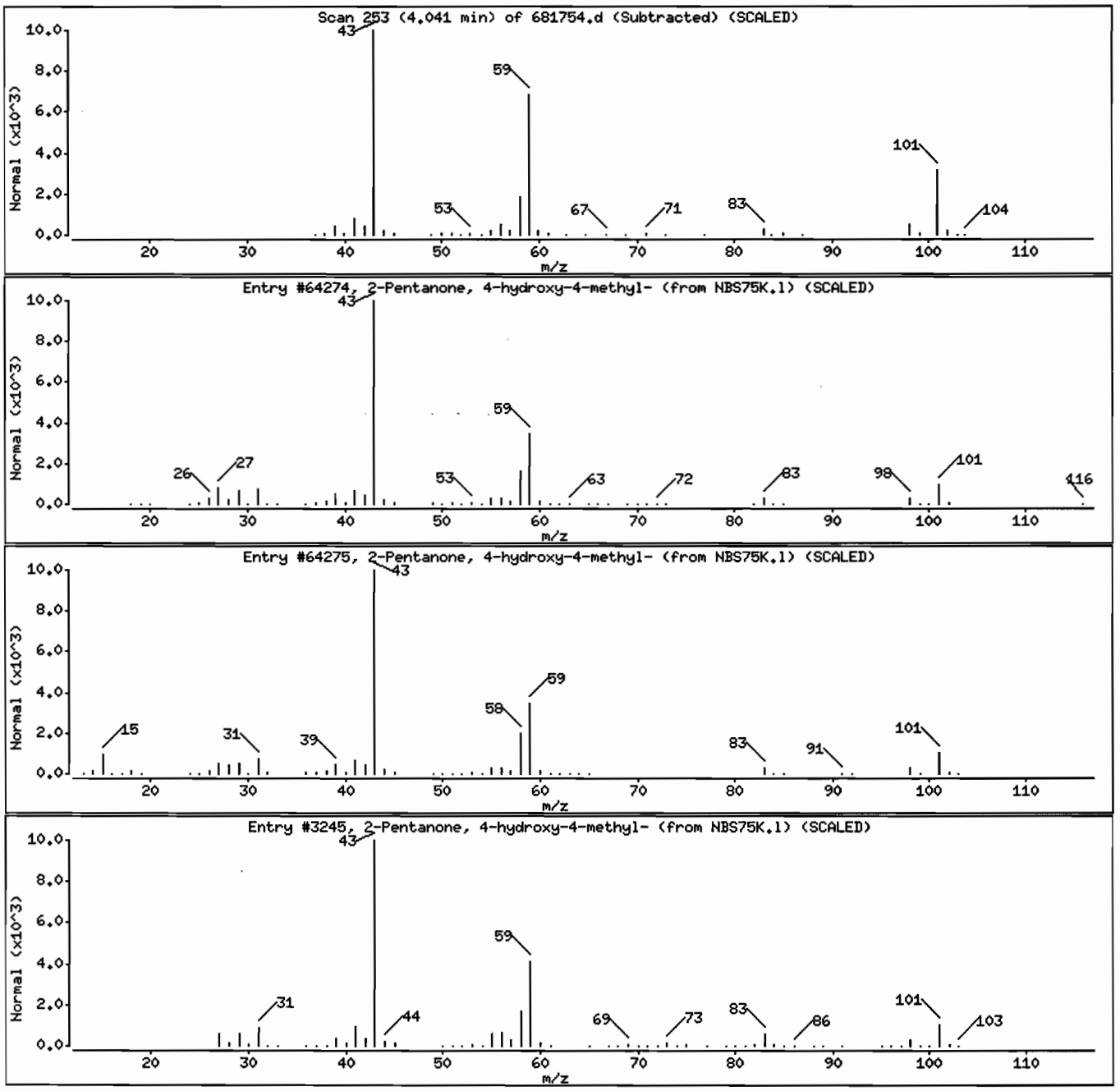
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64274	50	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64275	38	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	3245	28	C6H12O2	116



Data File: /chem/P.i/Psvr.p/pafa8270.b/681754.d

Date : 30-SEP-2006 20:46

Client ID: MW-1DD

Instrument: P.i

Sample Info: MW-1DD :[ ]08/31/06 @0850(WATER)

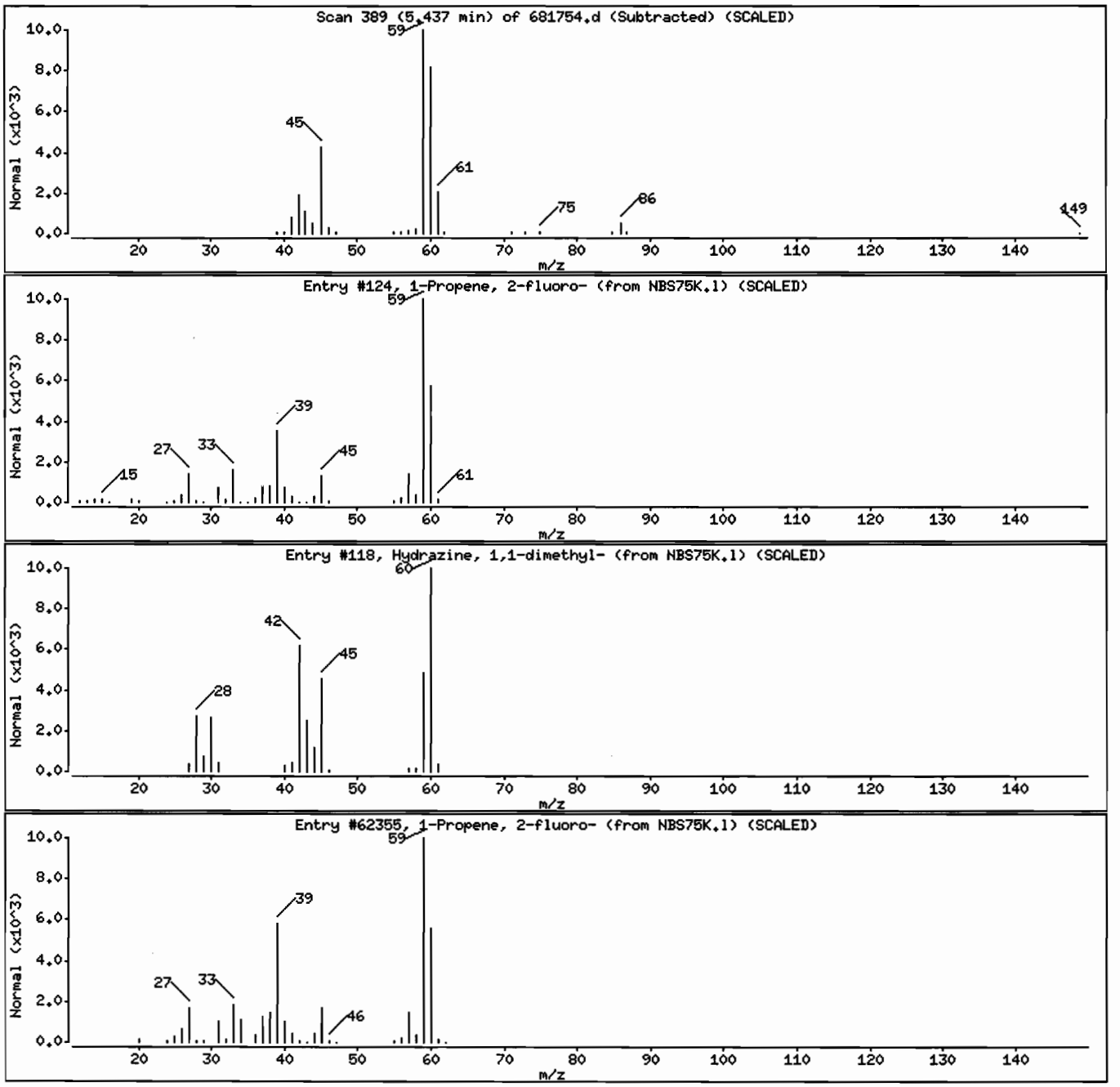
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Propene, 2-fluoro-	1184-60-7	NBS75K.l	124	9	C3H5F	60
Hydrazine, 1,1-dimethyl-	57-14-7	NBS75K.l	118	9	C2H8N2	60
1-Propene, 2-fluoro-	1184-60-7	NBS75K.l	62355	9	C3H5F	60



Data File: /chem/P.i/Psvr.p/pafa8270.b/681754.d

Date : 30-SEP-2006 20:46

Client ID: MW-1DD

Instrument: P.i

Sample Info: MW-1DD :[ ]08/31/06 @0850(WATER)

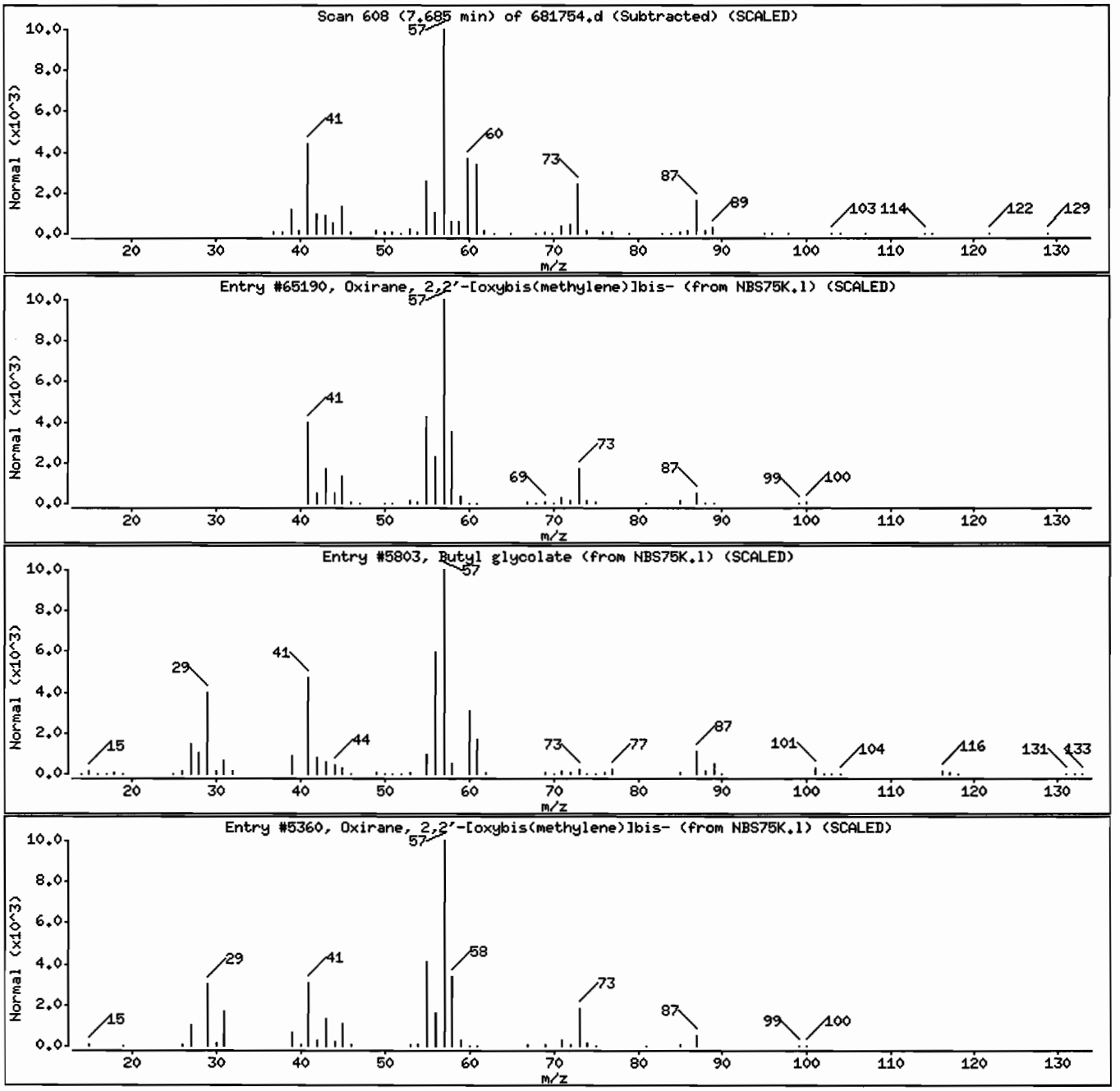
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown aliphatic compound						
Oxirane, 2,2'-[oxybis(methylene)]bis-	2238-07-5	NBS75K.l	65190	25	C6H1003	130
Butyl glycolate	7397-62-8	NBS75K.l	5803	23	C6H1203	132
Oxirane, 2,2'-[oxybis(methylene)]bis-	2238-07-5	NBS75K.l	5360	17	C6H1003	130



Data File: /chem/P.i/Psvr.p/pafa8270.b/681754.d

Date : 30-SEP-2006 20:46

Client ID: MW-1DD

Instrument: P.i

Sample Info: MW-1DD :[ ]08/31/06 @0850(WATER)

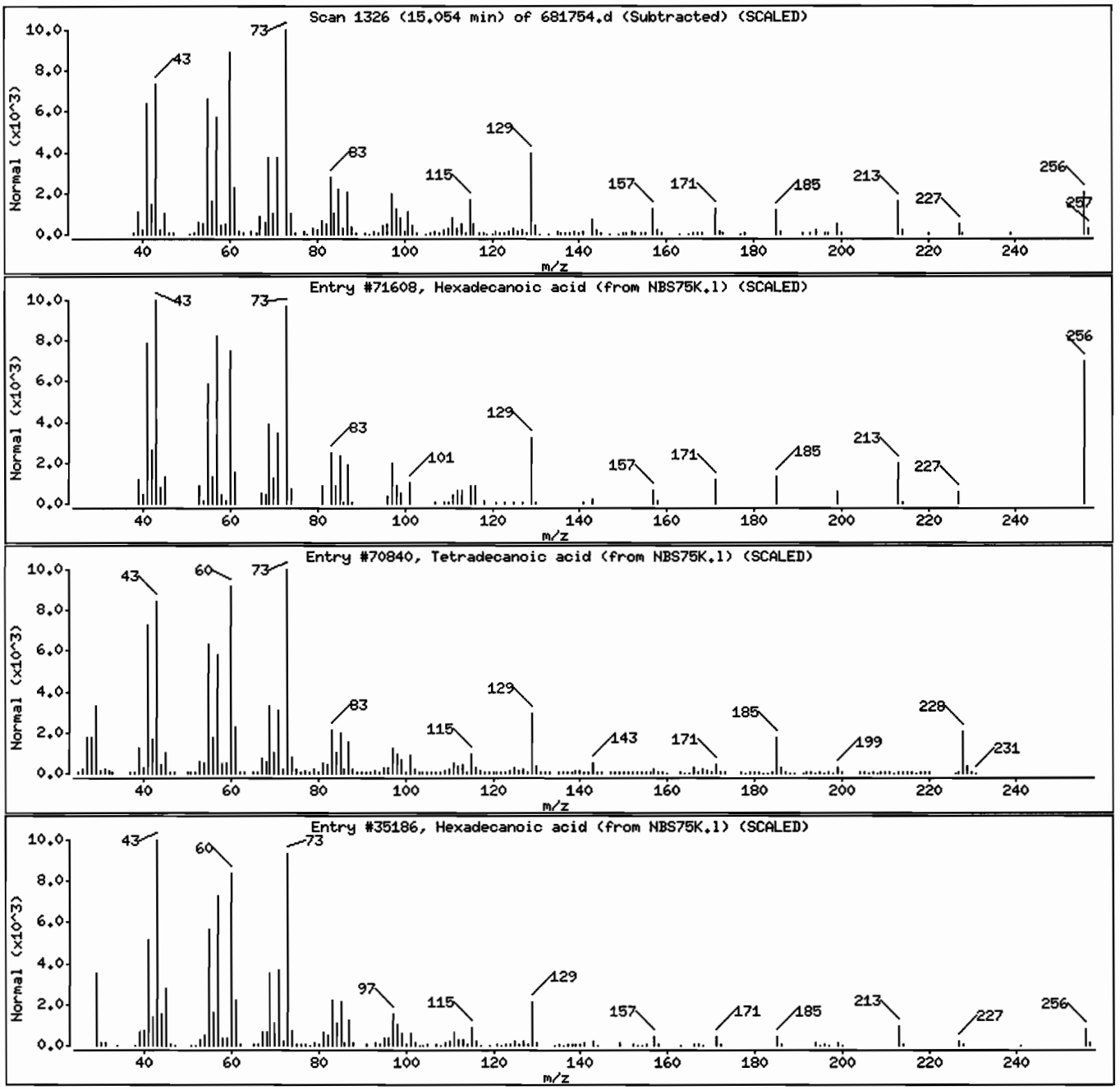
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexadecanoic acid	57-10-3	NBS75K.l	71608	98	C16H3202	256
Tetradecanoic acid	544-63-8	NBS75K.l	70840	95	C14H2802	228
Hexadecanoic acid	57-10-3	NBS75K.l	35186	95	C16H3202	256



Data File: /chem/P.i/Psvr.p/pafa8270.b/681754.d

Date : 30-SEP-2006 20:46

Client ID: MW-1DD

Instrument: P.i

Sample Info: MW-1DD :[ ]08/31/06 @0850(WATER)

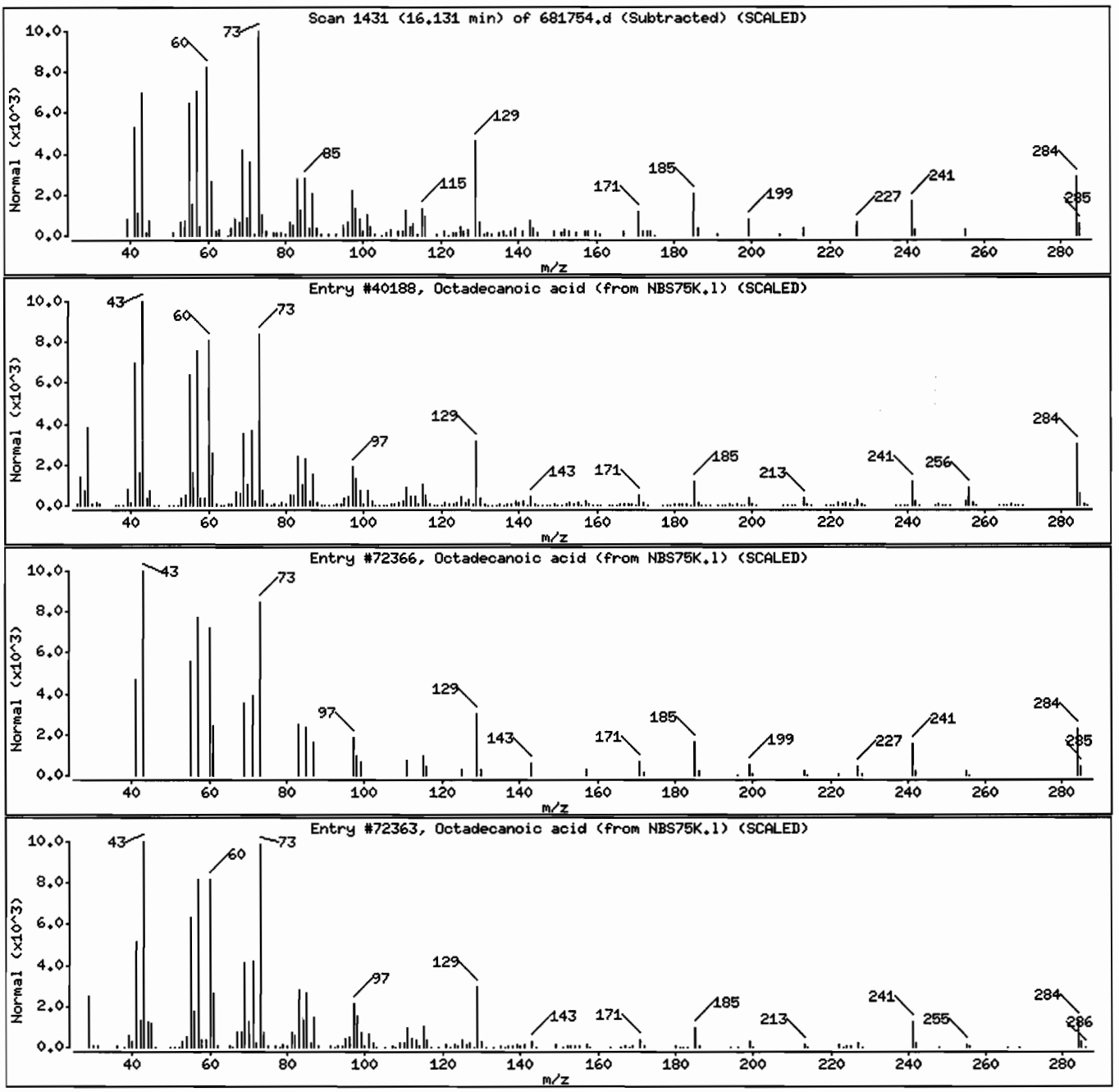
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octadecanoic acid	57-11-4	NBS75K.l	40188	96	C18H3602	284
Octadecanoic acid	57-11-4	NBS75K.l	72366	95	C18H3602	284
Octadecanoic acid	57-11-4	NBS75K.l	72363	94	C18H3602	284



1LCB

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2D

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681760 Date Received: 09/02/06

Lab File ID: 681760 Date Extracted: 09/05/06

Sample Volume: 700.000 (mL) Date Analyzed: 10/01/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
108-95-2	Phenol	7	U
111-44-4	bis(2-Chloroethyl)Ether	7	U
95-57-8	2-Chlorophenol	7	U
108-60-1	2,2'-oxybis(1-Chloropropane)	7	U
95-48-7	2-Methylphenol	7	U
67-72-1	Hexachloroethane	7	U
621-64-7	N-Nitroso-di-n-propylamine	7	U
106-44-5	4-Methylphenol	7	U
98-95-3	Nitrobenzene	7	U
78-59-1	Isophorone	7	U
88-75-5	2-Nitrophenol	7	U
105-67-9	2,4-Dimethylphenol	7	U
111-91-1	bis(2-Chloroethoxy)methane	7	U
120-83-2	2,4-Dichlorophenol	7	U
91-20-3	Naphthalene	7	U
106-47-8	4-Chloroaniline	7	U
87-68-3	Hexachlorobutadiene	7	U
59-50-7	4-Chloro-3-Methylphenol	7	U
91-57-6	2-Methylnaphthalene	7	U
77-47-4	Hexachlorocyclopentadiene	7	U
88-06-2	2,4,6-Trichlorophenol	7	U
95-95-4	2,4,5-Trichlorophenol	29	U
91-58-7	2-Chloronaphthalene	7	U
88-74-4	2-Nitroaniline	29	U
131-11-3	Dimethylphthalate	7	U
208-96-8	Acenaphthylene	7	U
606-20-2	2,6-Dinitrotoluene	7	U
83-32-9	Acenaphthene	7	U
99-09-2	3-Nitroaniline	29	U

1LCC

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2D

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681760 Date Received: 09/02/06

Lab File ID: 681760 Date Extracted: 09/05/06

Sample Volume: 700.000 (mL) Date Analyzed: 10/01/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
51-28-5	2,4-Dinitrophenol	29	U
132-64-9	Dibenzofuran	7	U
100-02-7	4-Nitrophenol	29	U
121-14-2	2,4-Dinitrotoluene	7	U
86-73-7	Fluorene	7	U
84-66-2	Diethylphthalate	7	U
7005-72-3	4-Chlorophenyl-phenylether	7	U
100-01-6	4-Nitroaniline	29	U
534-52-1	4,6-Dinitro-2-methylphenol	29	U
86-30-6	N-nitrosodiphenylamine (1)	7	U
101-55-3	4-Bromophenyl-phenylether	7	U
118-74-1	Hexachlorobenzene	7	U
87-86-5	Pentachlorophenol	29	U
85-01-8	Phenanthrene	2	J
120-12-7	Anthracene	7	U
84-74-2	Di-n-butylphthalate	1	J
206-44-0	Fluoranthene	4	J
129-00-0	Pyrene	5	J
85-68-7	Butylbenzylphthalate	7	U
56-55-3	Benzo(a)anthracene	2	J
91-94-1	3,3'-Dichlorobenzidine	7	U
218-01-9	Chrysene	2	J
117-81-7	bis(2-Ethylhexyl)phthalate	3	J
117-84-0	Di-n-octylphthalate	7	U
205-99-2	Benzo(b)fluoranthene	2	J
207-08-9	Benzo(k)fluoranthene	2	J
50-32-8	Benzo(a)pyrene	2	J
193-39-5	Indeno(1,2,3-cd)pyrene	2	J
53-70-3	Dibenz(a,h)anthracene	7	U
191-24-2	Benzo(g,h,i)perylene	2	J

(1) - Cannot be separated from Diphenylamine

1LCF

EPA SAMPLE NO.

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW-2D

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681760 Date Received: 09/02/06

Lab File ID: 681760 Date Extracted: 09/05/06

Sample Volume: 700.000 (mL) Date Analyzed: 10/01/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

Number TICs found: 5

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC. (ug/L)	Q
1.	123-42-2	2-PENTANONE, 4-HYDROXY-4-MET	3.97	25	NJAB
2.	115-96-8	TRI(2-CHLOROETHYL) PHOSPHATE	13.73	47	NJ
3.		UNKNOWN	17.32	16	J
4.		UNKNOWN	18.14	17	J
5.		UNKNOWN	18.31	20	J
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: /chem/P.i/Psvr.p/pafb8270.b/681760.d

Date : 01-OCT-2006 13:46

Client ID: MW-2D

Sample Info: MW-2D :[ ]09/01/06 @0825(WATER)

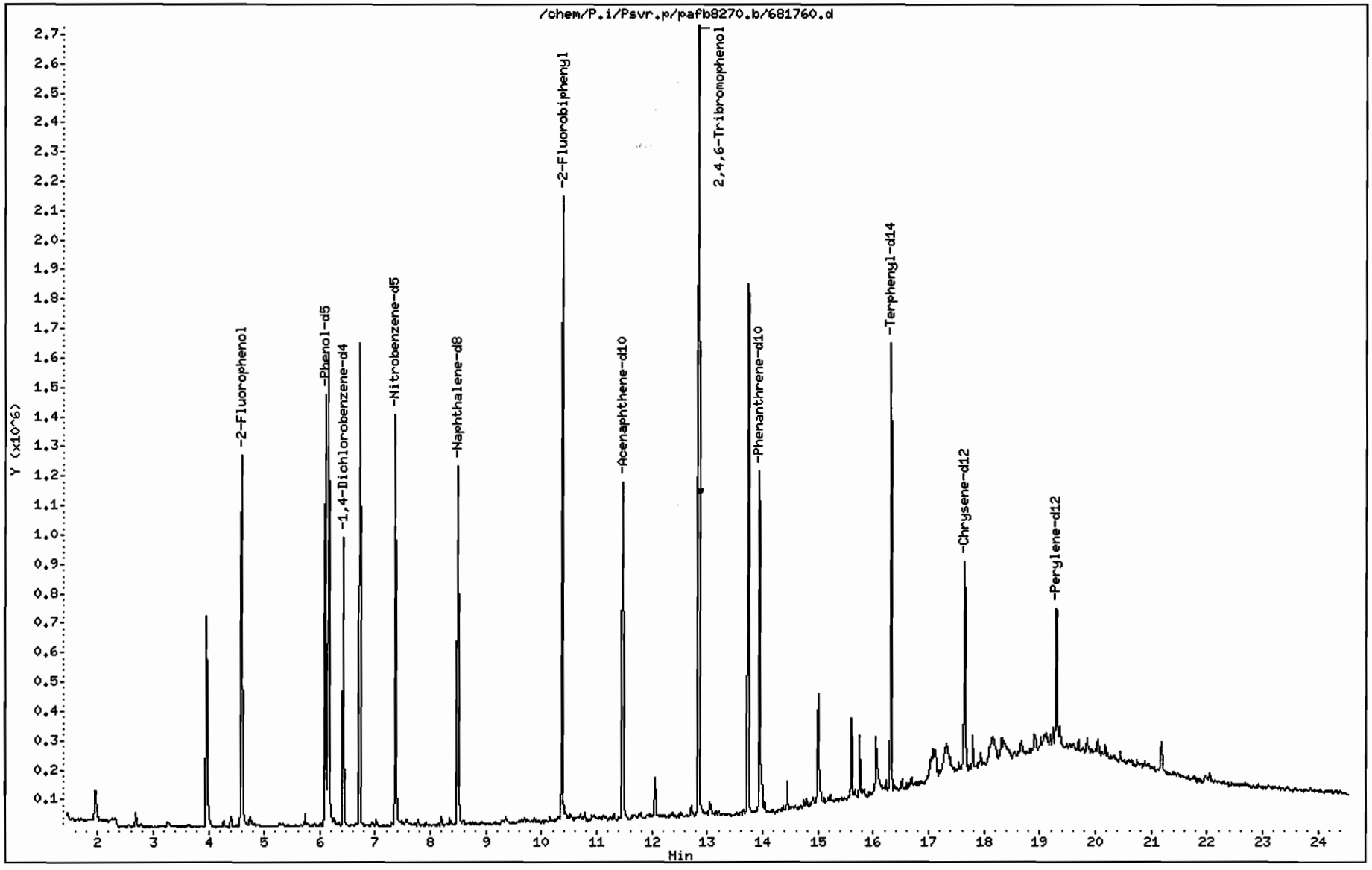
Volume Injected (uL): 1.0

Column phase: RTx-5

Instrument: P.i

Operator: djb

Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafb8270.b/681760.d
Lab Smp Id: 681760 Client Smp ID: MW-2D
Inj Date : 01-OCT-2006 13:46
Operator : djb Inst ID: P.i
Smp Info : MW-2D :[ ]09/01/06 @0825(WATER)
Misc Info : 681760,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafb8270.b/colc02.m
Meth Date : 02-Oct-2006 14:15 je Quant Type: ISTD
Cal Date : 01-OCT-2006 12:39 Cal File: paf020b.d
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	700.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
$	2 2-Fluorophenol	112	4.595	4.588	(0.716)	665242	36.6304	52
$	4 Phenol-d5	99	6.094	6.087	(0.949)	872559	40.6277	58
	5 Phenol	94	Compound Not Detected.					
	6 bis(2-Chloroethyl)Ether	93	Compound Not Detected.					
	8 2-Chlorophenol	128	Compound Not Detected.					
*	10 1,4-Dichlorobenzene-d4	152	6.422	6.425	(1.000)	239584	20.0000	
	15 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	16 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	116	Compound Not Detected.					
	18 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	19 4-Methylphenol	108	Compound Not Detected.					
$	20 Nitrobenzene-d5	82	7.366	7.369	(0.867)	697497	37.8222	54
	21 Nitrobenzene	77	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	22 Isophorone	82	Compound Not Detected.					
	23 2-Nitrophenol	139	Compound Not Detected.					
	24 2,4-Dimethylphenol	107	Compound Not Detected.					
	25 bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	26 2,4-Dichlorophenol	162	Compound Not Detected.					
*	29 Naphthalene-d8	136	8.495	8.498	(1.000)	894037	20.0000	
	30 Naphthalene	128	Compound Not Detected.					
	31 4-Chloroaniline	127	Compound Not Detected.					
	32 Hexachlorobutadiene	224	Compound Not Detected.					
	33 4-Chloro-3-Methylphenol	107	Compound Not Detected.					
	34 2-Methylnaphthalene	142	Compound Not Detected.					
	35 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	36 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	37 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	38 2-Fluorobiphenyl	172	10.373	10.376	(0.904)	899768	32.8125	47
	39 2-Chloronaphthalene	162	Compound Not Detected.					
	40 2-Nitroaniline	65	Compound Not Detected.					
	42 Acenaphthylene	152	Compound Not Detected.					
	41 Dimethylphthalate	163	Compound Not Detected.					
	43 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	44 Acenaphthene-d10	164	11.471	11.475	(1.000)	428841	20.0000	
	45 Acenaphthene	153	Compound Not Detected.					
	46 3-Nitroaniline	138	Compound Not Detected.					
	47 2,4-Dinitrophenol	184	Compound Not Detected.					
	48 Dibenzofuran	168	Compound Not Detected.					
	49 4-Nitrophenol	109	Compound Not Detected.					
	50 2,4-Dinitrotoluene	165	Compound Not Detected.					
	51 Fluorene	166	Compound Not Detected.					
	52 Diethylphthalate	149	Compound Not Detected.					
	53 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	54 4-Nitroaniline	138	Compound Not Detected.					
	55 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	56 N-nitrosodiphenylamine	169	Compound Not Detected.					
$	57 2,4,6-Tribromophenol	330	12.847	12.850	(0.922)	510425	96.6225	140(A)
	58 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	59 Hexachlorobenzene	283	Compound Not Detected.					
	60 Pentachlorophenol	265	Compound Not Detected.					
*	61 Phenanthrene-d10	188	13.935	13.948	(1.000)	620607	20.0000	
	62 Phenanthrene	178	13.976	13.979	(1.003)	67242	1.69725	2(a)
	63 Anthracene	178	Compound Not Detected.					
	65 Di-n-butylphthalate	149	15.022	15.026	(1.078)	47138	0.98160	1(a)
	66 Fluoranthene	202	15.751	15.754	(1.130)	105755	2.68637	4(a)
	67 Pyrene	202	16.049	16.052	(0.910)	86621	3.45537	5(a)
$	68 Terphenyl-d14	244	16.316	16.319	(0.925)	571516	34.6348	49
	69 Butylbenzylphthalate	149	Compound Not Detected.					
	70 Benzo(a)anthracene	228	17.619	17.622	(0.999)	35884	1.59251	2(a)
*	71 Chrysene-d12	240	17.640	17.643	(1.000)	304236	20.0000	
	72 3,3'-Dichlorobenzidine	252	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
73 Chrysene	228	17.670	17.673	(1.002)	32569	1.60244	2(a)
74 bis(2-Ethylhexyl)phthalate	149	17.793	17.797	(1.009)	33147	2.19939	3(a)
75 Di-n-octylphthalate	149	Compound Not Detected.					
76 Benzo(b)fluoranthene	252	18.902	18.895	(0.979)	31866	1.53426	2(aM)
77 Benzo(k)fluoranthene	252	18.912	18.926	(0.980)	23727	1.41995	2(aM)
78 Benzo(a)pyrene	252	19.241	19.244	(0.997)	22916	1.52538	2(a)
* 79 Perylene-d12	264	19.302	19.295	(1.000)	226051	20.0000	
80 Indeno(1,2,3-cd)pyrene	276	20.441	20.445	(1.059)	13900	1.15245	2(a)
81 Dibenz(a,h)anthracene	278	Compound Not Detected.					
82 Benzo(g,h,i)perylene	276	20.749	20.752	(1.075)	12696	1.28281	2(aM)

QC Flag Legend

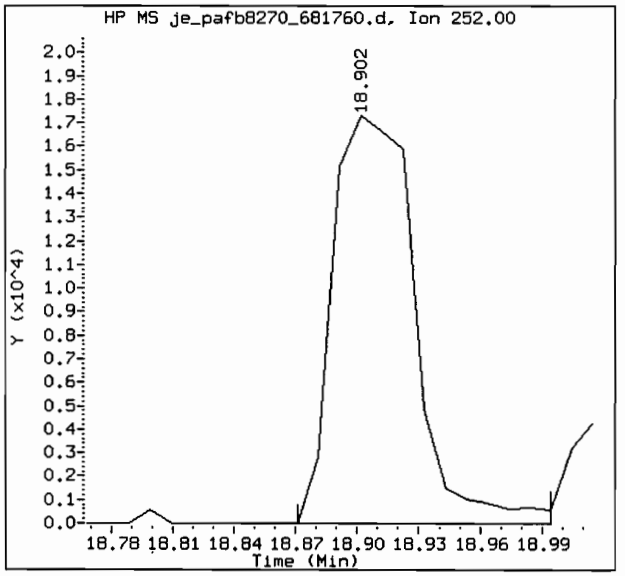
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.

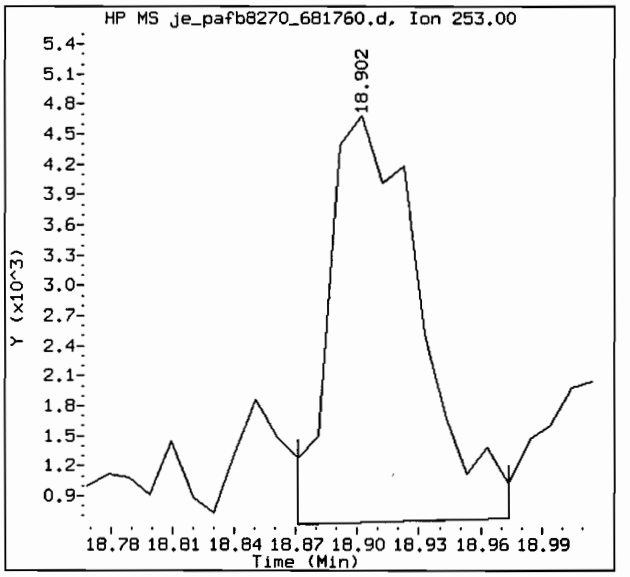
MANUAL INTEGRATION REPORT

Data File Name: 681760.d
Client Sample ID: MW-2D
Compound Name: Benzo(b)fluoranthene

Inj. Date and Time: 01-OCT-2006 13:46
Instrument ID: P.i
CAS #: 205-99-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 10/02/2006 14:35

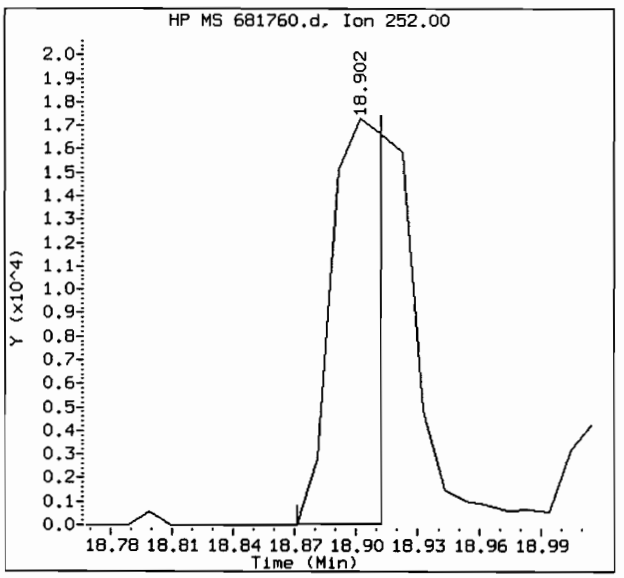


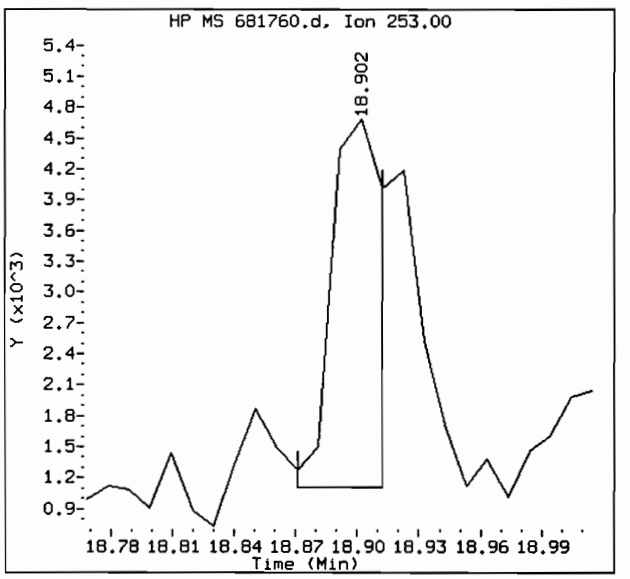


Original Integrations:

Area = 47980

Area = 12692





Final Integrations:

Area = 31866

Area = 6356

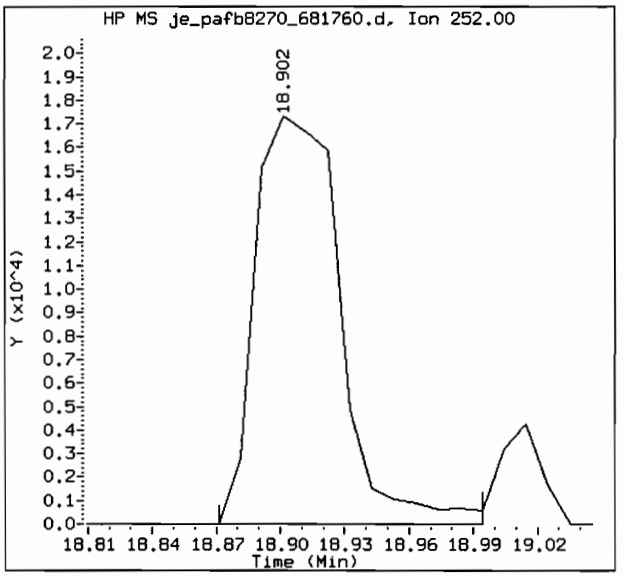
Manual Integration Reason: M3 - Poor automated baseline

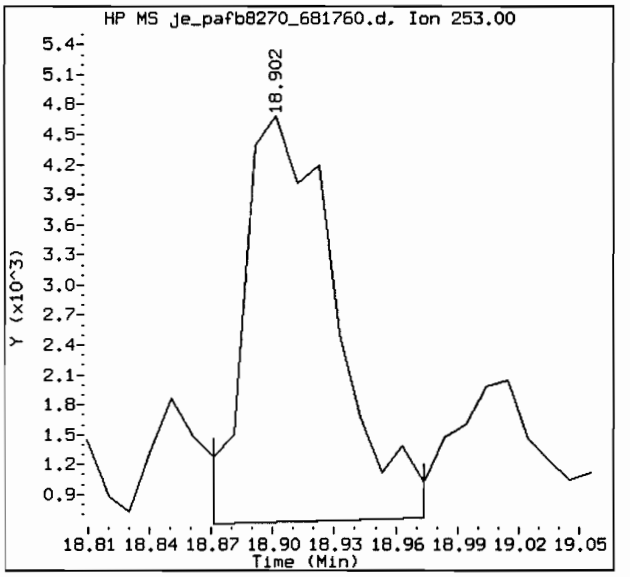
MANUAL INTEGRATION REPORT

Data File Name: 681760.d
Client Sample ID: MW-2D
Compound Name: Benzo(k)fluoranthene

Inj. Date and Time: 01-OCT-2006 13:46
Instrument ID: P.i
CAS #: 207-08-9

Target Version: Target 3.50
Report Version: 1.1
Report Date: 10/02/2006 14:35

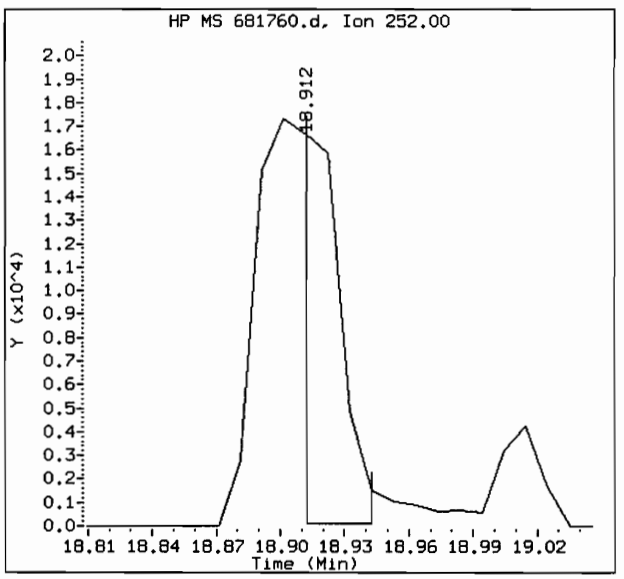


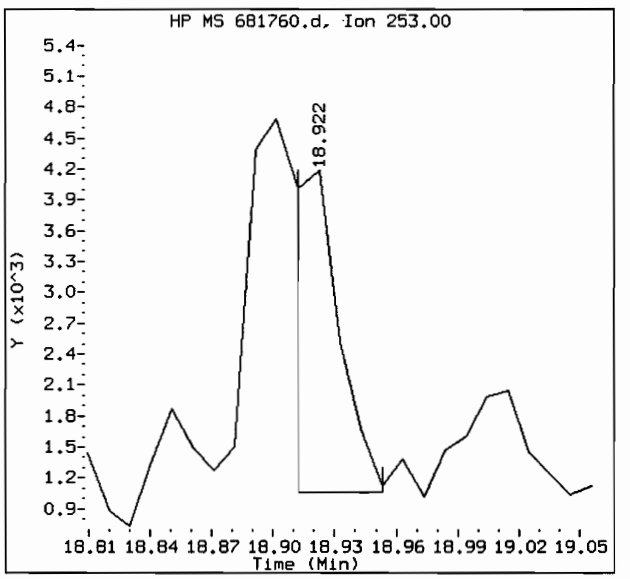


Original Integrations:

Area = 47980

Area = 12787





Final Integrations:

Area = 23727

Area = 5048

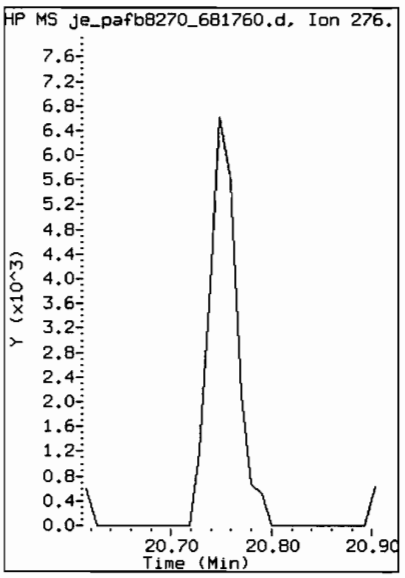
Manual Integration Reason: M3 - Poor automated baseline

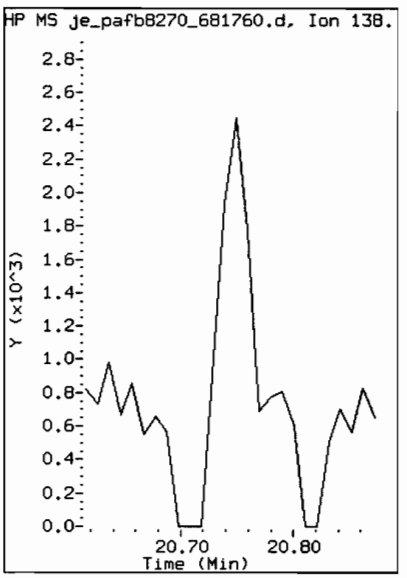
MANUAL INTEGRATION REPORT

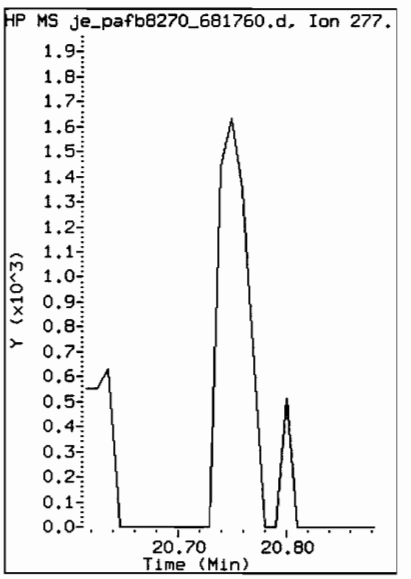
Data File Name: 681760.d
Client Sample ID: MW-2D
Compound Name: Benzo(g,h,i)perylene

Inj. Date and Time: 01-OCT-2006 13:46
Instrument ID: P.i
CAS #: 191-24-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 10/02/2006 14:35

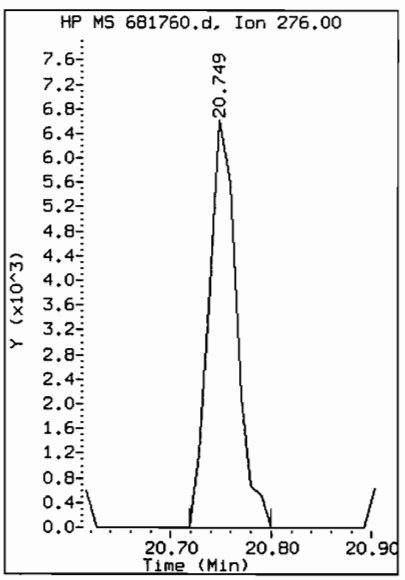


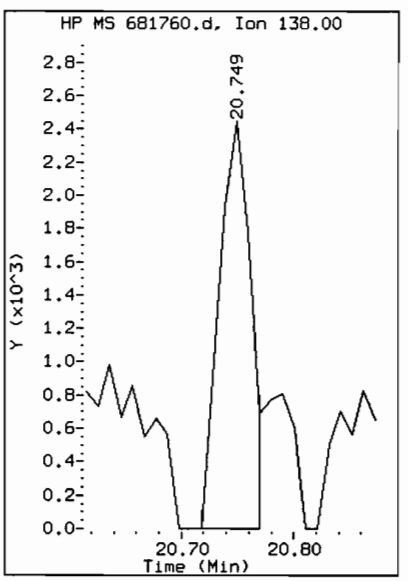


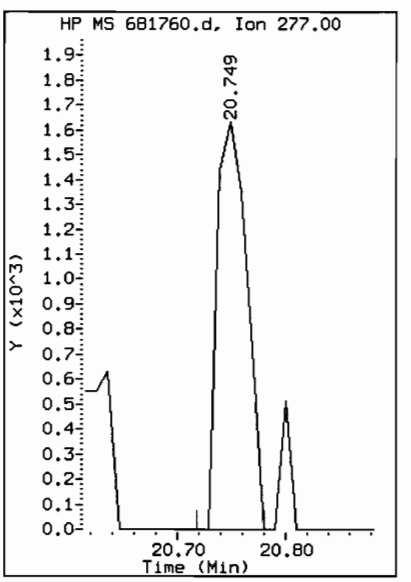


Original Integrations:

Area = 0 Area = 0 Area = 0







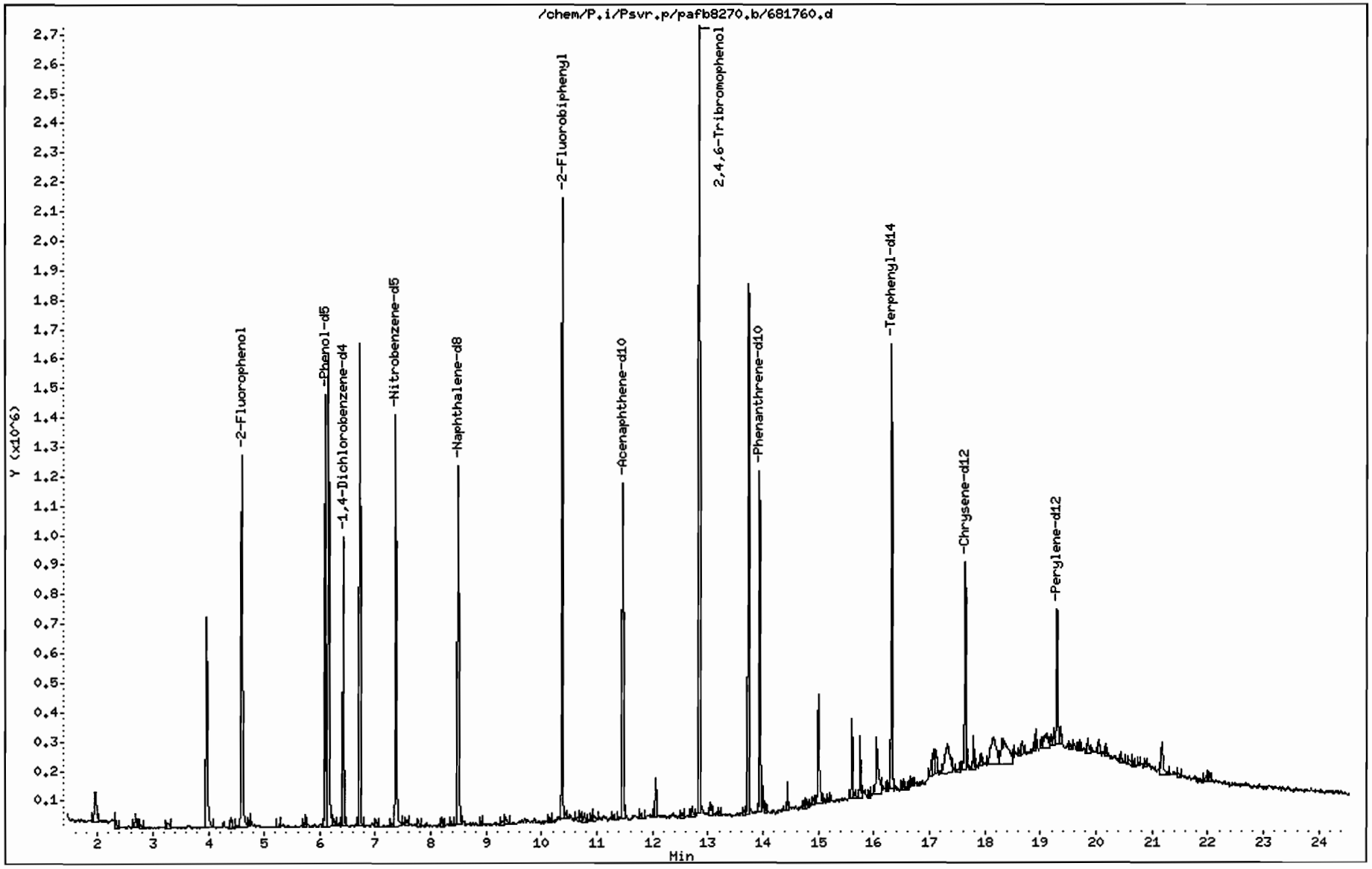
Final Integrations:

Area = 12696 Area = 4827 Area = 3163

Manual Integration Reason: M1 - Peak Missed

Data File: /chem/P.i/Psvr.p/pafb8270.b/681760.d
Date : 01-OCT-2006 13:46
Client ID: MW-2D
Sample Info: MW-2D :[ ]09/01/06 @0825(WATER)
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: djb
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafb8270.b/681760.d
Lab Smp Id: 681760 Client Smp ID: MW-2D
Inj Date : 01-OCT-2006 13:46
Operator : djb Inst ID: P.i
Smp Info : MW-2D :[ ]09/01/06 @0825(WATER)
Misc Info : 681760,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafb8270.b/colc02.m
Meth Date : 02-Oct-2006 14:15 je Quant Type: ISTD
Cal Date : 01-OCT-2006 12:39 Cal File: paf020b.d
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	700.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 10 1,4-Dichlorobenzene-d4	6.422	1413718	20.000
* 61 Phenanthrene-d10	13.935	1749516	20.000
* 71 Chrysene-d12	17.640	1108026	20.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
2-Pentanone, 4-hydroxy-4-methyl-			CAS #: 123-42-2				
3.969	1233366	17.4485384	25	72	NBS75K.1	3245	10

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Tri(2-chloroethyl) phosphate				CAS #: 115-96-8			
13.729	2889794	33.0353428	47	80	NBS75K.l	40020	61
Unknown				CAS #:			
17.321	611233	11.0328266	16	0		0	71
Unknown				CAS #:			
18.142	665400	12.0105548	17	0		0	71
Unknown				CAS #:			
18.307	786033	14.1879838	20	0		0	71

STL Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: P.i
Lab File ID: 681760.d
Lab Smp Id: 681760
Analysis Type: SV
Quant Type: ISTD
Operator: djb
Method File: /chem/P.i/Psvr.p/pafb8270.b/colc02.m
Misc Info: 681760,0188_MBLK090506F,1

Calibration Date: 01-OCT-2006
Calibration Time: 12:39
Client Smp ID: MW-2D
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	219696	109848	439392	239584	9.05
29 Naphthalene-d8	782590	391295	1565180	894037	14.24
44 Acenaphthene-d10	404669	202334	809338	428841	5.97
61 Phenanthrene-d10	563054	281527	1126108	620607	10.22
71 Chrysene-d12	461123	230562	922246	304236	-34.02
79 Perylene-d12	451954	225977	903908	226051	-49.98

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	6.43	6.10	6.76	6.42	-0.05
29 Naphthalene-d8	8.50	8.17	8.83	8.50	-0.04
44 Acenaphthene-d10	11.47	11.14	11.80	11.47	-0.03
61 Phenanthrene-d10	13.95	13.62	14.28	13.93	-0.10
71 Chrysene-d12	17.64	17.31	17.97	17.64	-0.02
79 Perylene-d12	19.30	18.97	19.63	19.30	0.04

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

STL Burlington

RECOVERY REPORT

Client Name: STLCTS
Client SDG: 213609
Sample Matrix: LIQUID
Fraction: SV
Lab Smp Id: 681760
Client Smp ID: MW-2D
Level: LOW
Operator: djb
Data Type: MS DATA
SampleType: SAMPLE
SpikeList File: OLClcs.spk
Quant Type: ISTD
Sublist File: OLC.sub
Method File: /chem/P.i/Psvr.p/pafb8270.b/colc02.m
Misc Info: 681760,0188_MBLK090506F,1

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 2 2-Fluorophenol	57	52	91.58	15-121
$ 4 Phenol-d5	57	58	101.57	15-115
$ 20 Nitrobenzene-d5	57	54	94.56	23-120
$ 38 2-Fluorobiphenyl	57	47	82.03	30-115
$ 57 2,4,6-Tribromophen	170	140	80.52	15-130
$ 68 Terphenyl-d14	57	49	86.59	18-140

Data File: /chem/P.i/Psvr.p/pafb8270.b/681760.d

Date : 01-OCT-2006 13:46

Client ID: MW-2D

Instrument: P.i

Sample Info: MW-2D :[ ]09/01/06 @0825(WATER)

Volume Injected (uL): 1.0

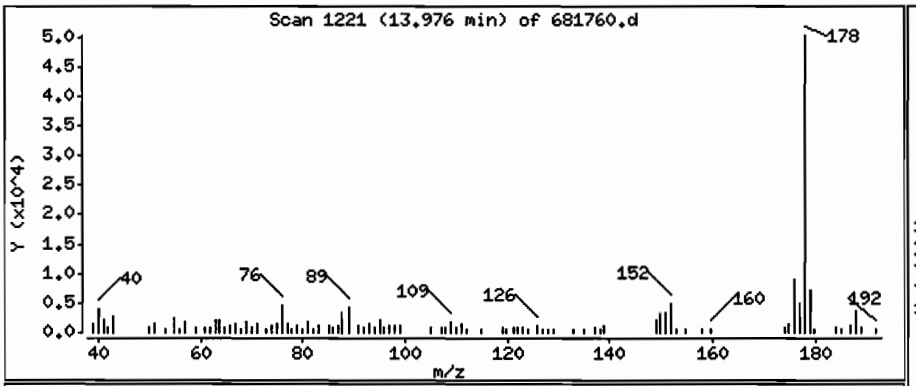
Operator: djb

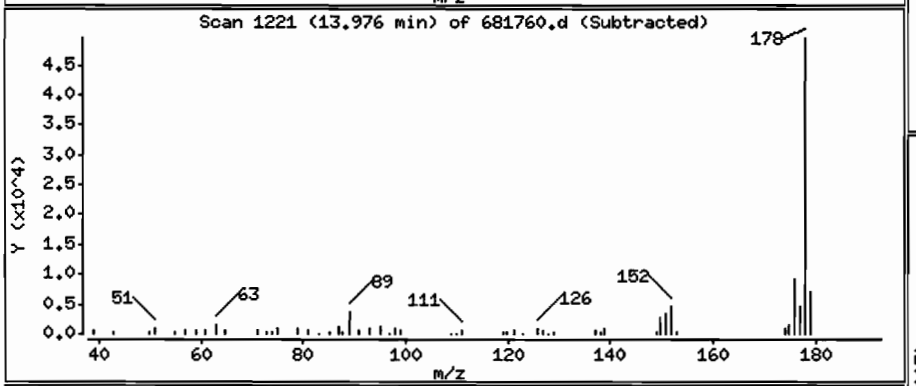
Column phase: RTx-5

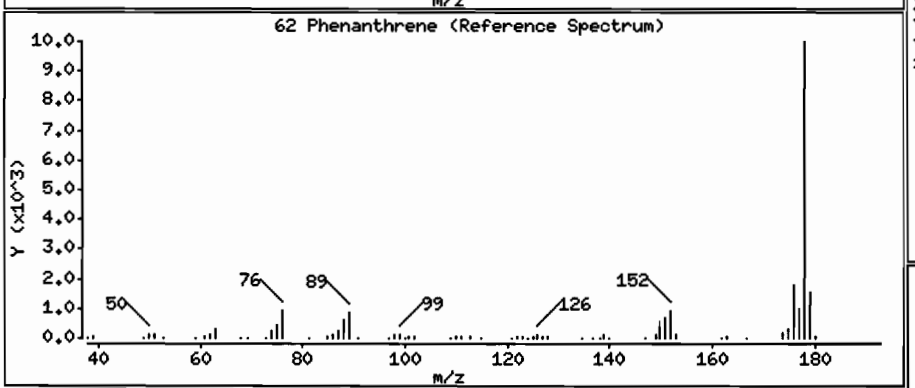
Column diameter: 0.25

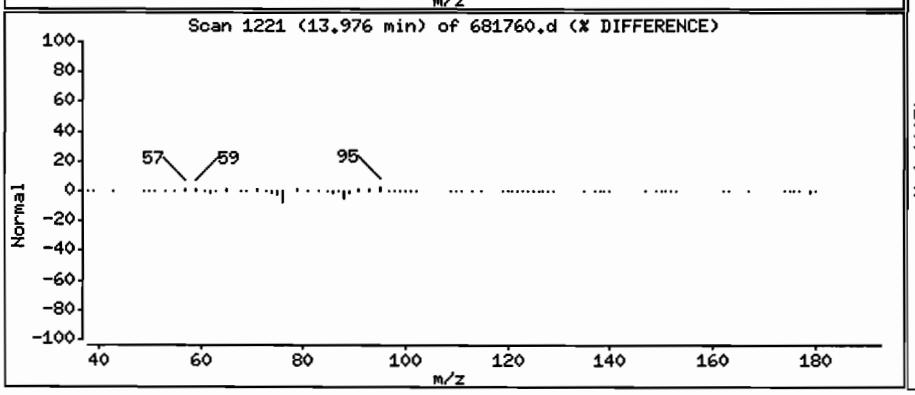
62 Phenanthrene

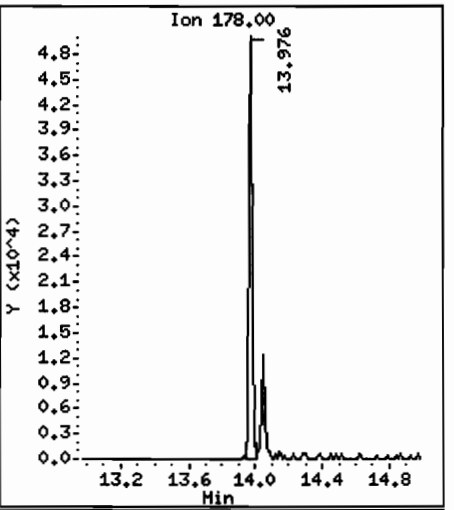
Concentration: 2 ug/L

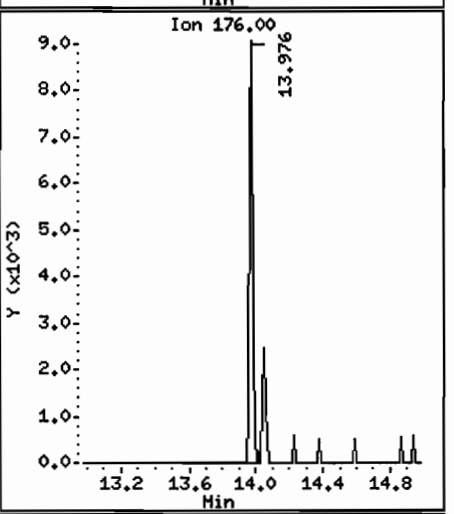


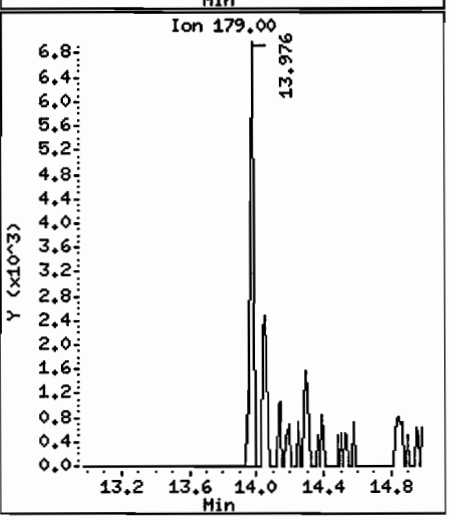












Data File: /chem/P.i/Psvr.p/pafb8270.b/681760.d

Page 10

Date : 01-OCT-2006 13:46

Client ID: MW-2D

Instrument: P.i

Sample Info: MW-2D :[ ]09/01/06 @0825(WATER)

Volume Injected (uL): 1.0

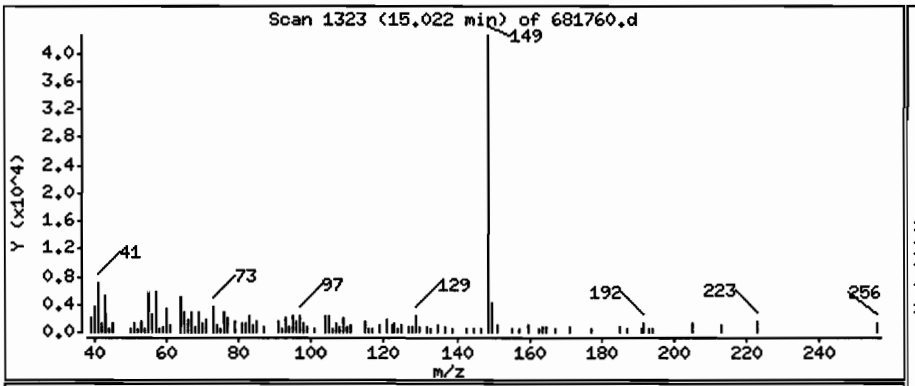
Operator: djb

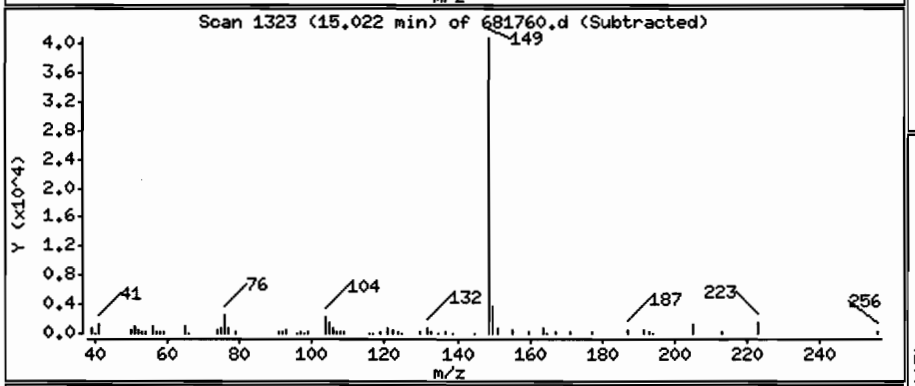
Column phase: RTx-5

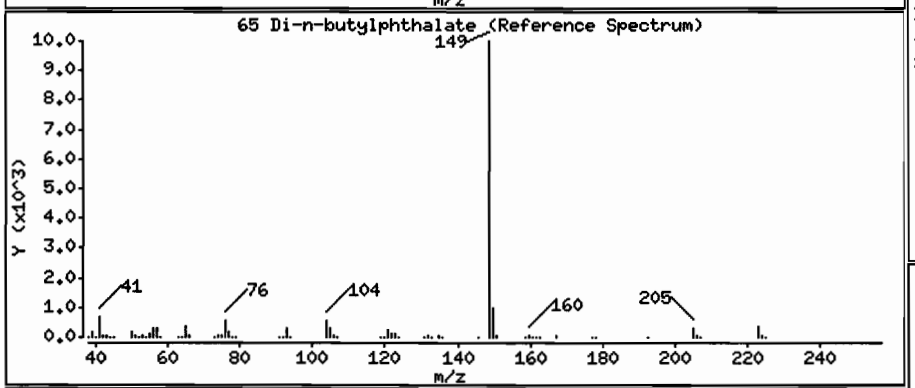
Column diameter: 0.25

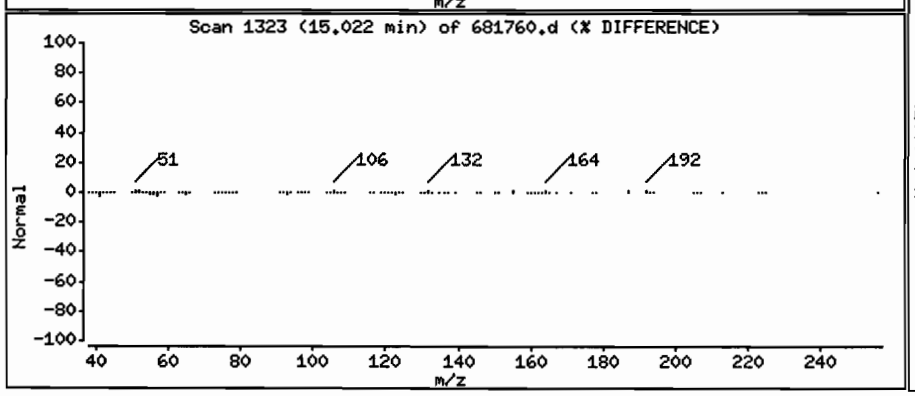
65 Di-n-butylphthalate

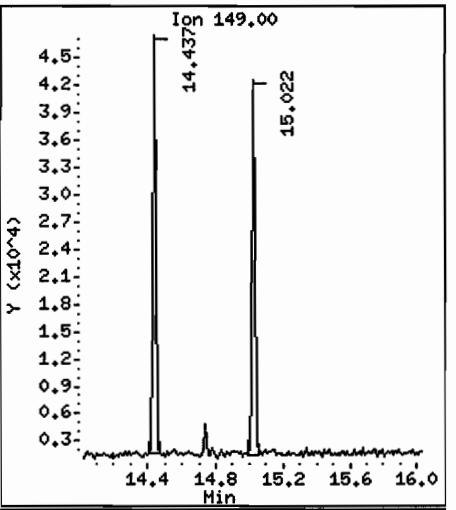
Concentration: 1 ug/L

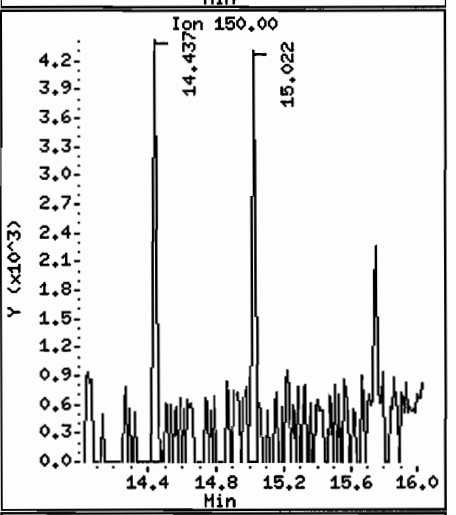


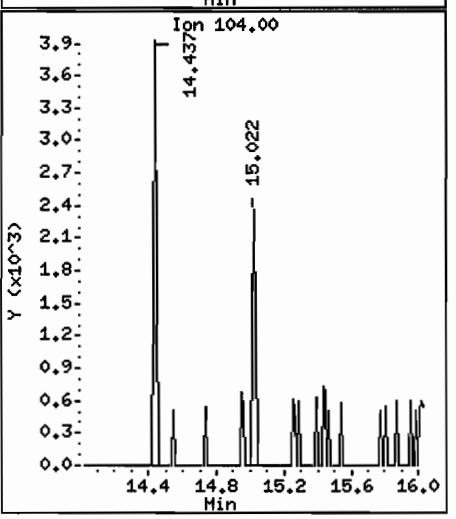












Data File: /chem/P.i/Psvr.p/pafb8270.b/681760.d

Date : 01-OCT-2006 13:46

Client ID: MW-2D

Instrument: P.i

Sample Info: MW-2D :[ ]09/01/06 @0825(WATER)

Volume Injected (uL): 1.0

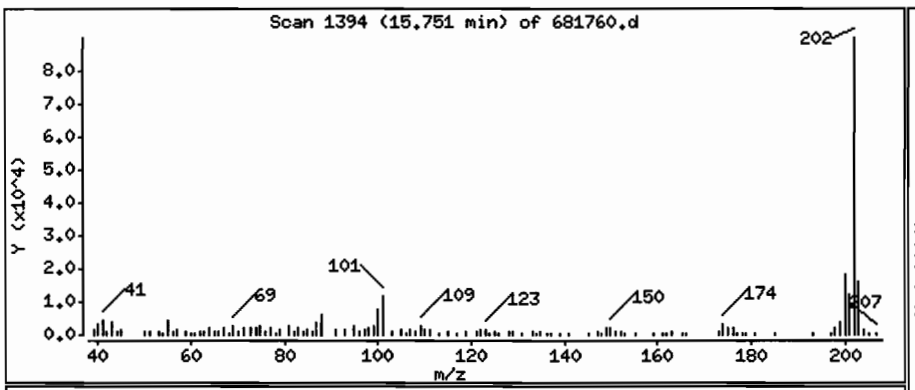
Operator: djb

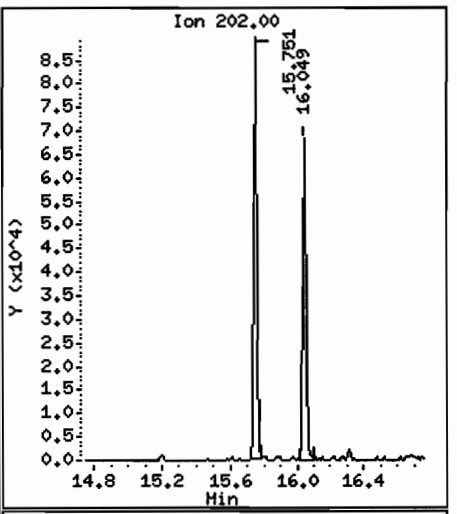
Column phase: RTx-5

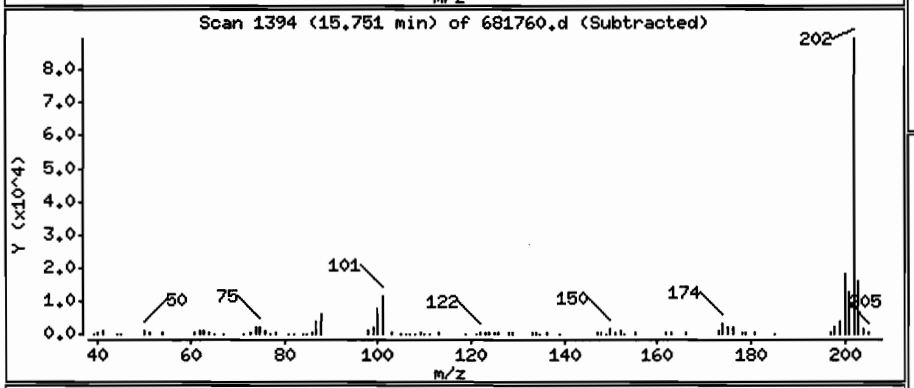
Column diameter: 0.25

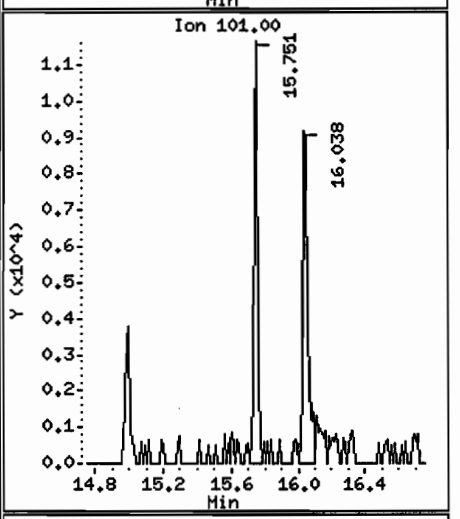
66 Fluoranthene

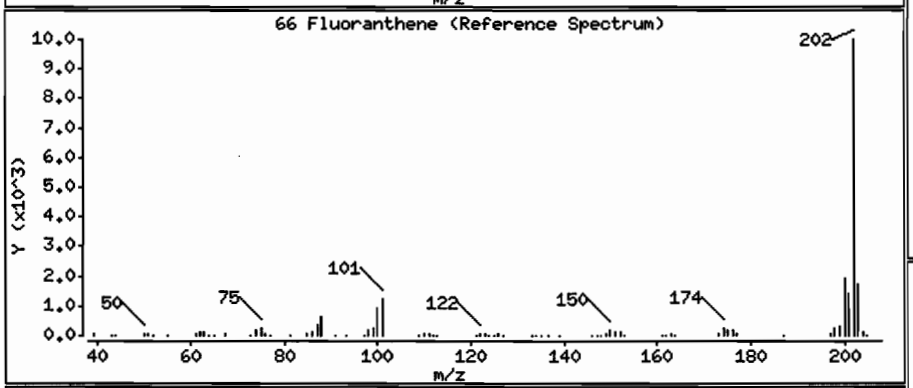
Concentration: 4 ug/L

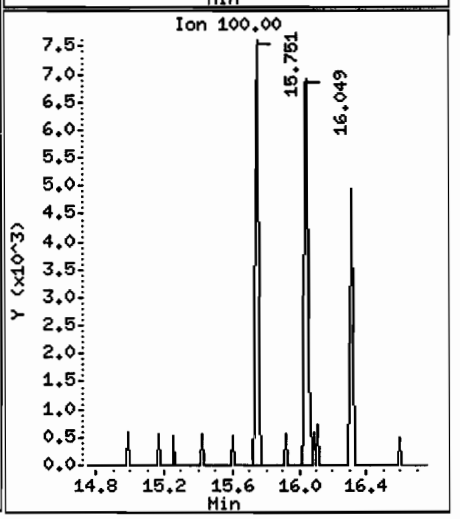


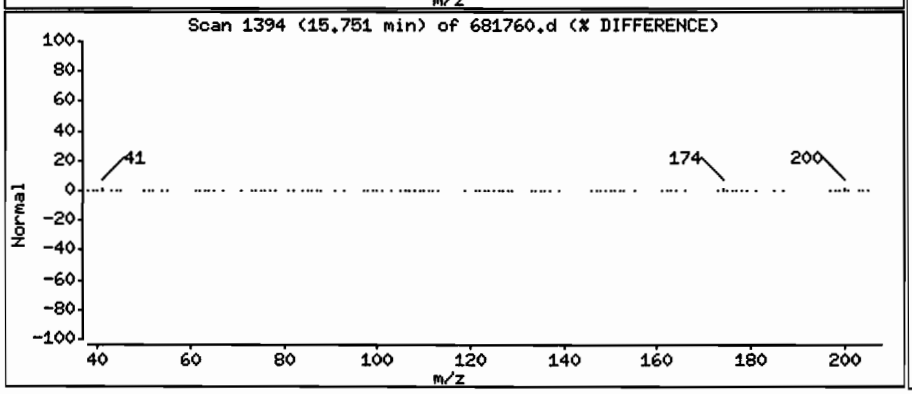












Data File: /chem/P.i/Psvr.p/pafb8270.b/681760.d

Date : 01-OCT-2006 13:46

Client ID: MW-2D

Instrument: P.i

Sample Info: MW-2D :[ ]09/01/06 @0825(WATER)

Volume Injected (uL): 1.0

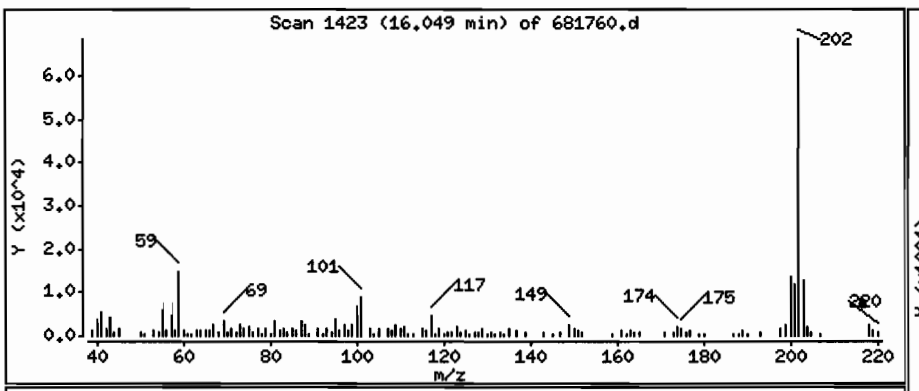
Operator: djb

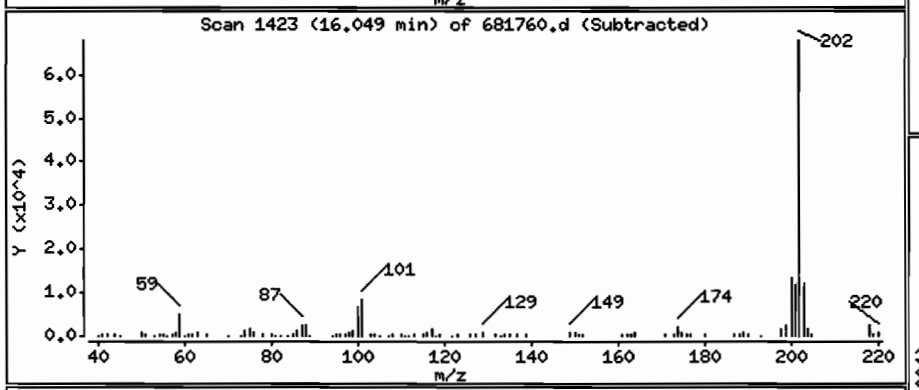
Column phase: RTx-5

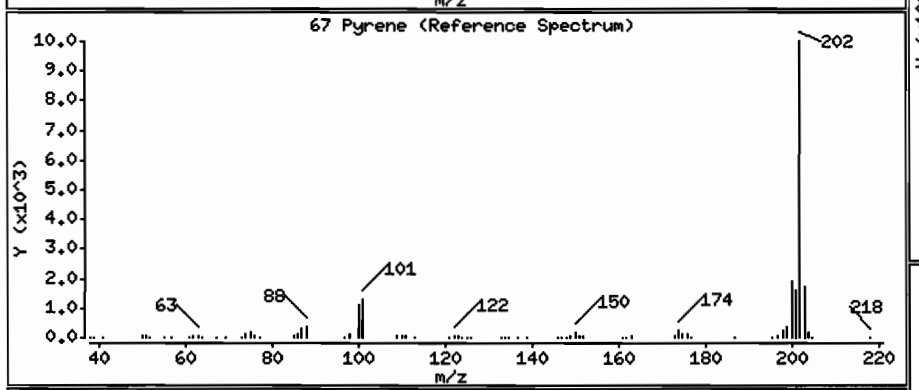
Column diameter: 0.25

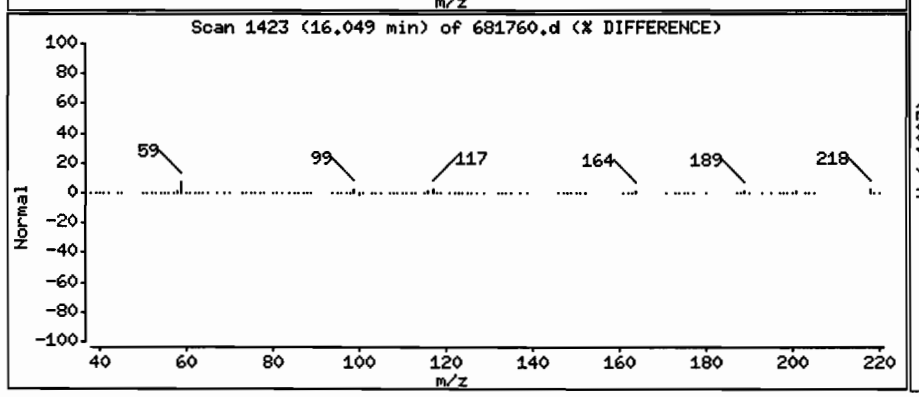
67 Pyrene

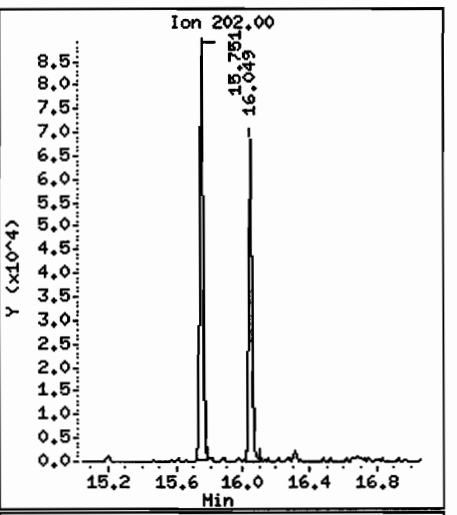
Concentration: 5 ug/L

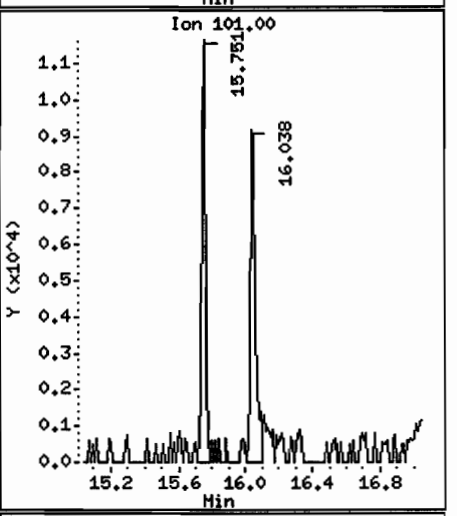


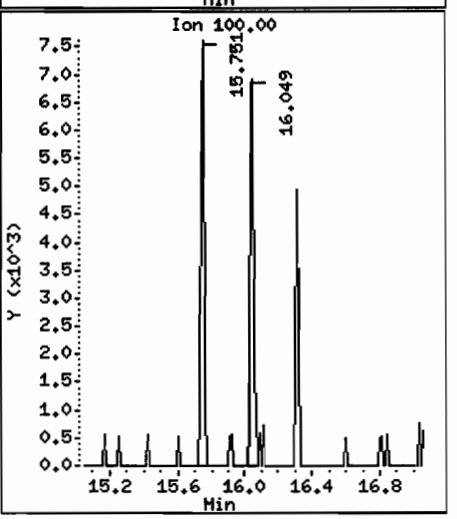












Data File: /chem/P.i/Psvr.p/pafb8270.b/681760.d

Date : 01-OCT-2006 13:46

Client ID: MW-2D

Instrument: P.i

Sample Info: MW-2D :[ ]09/01/06 @0825(WATER)

Volume Injected (uL): 1.0

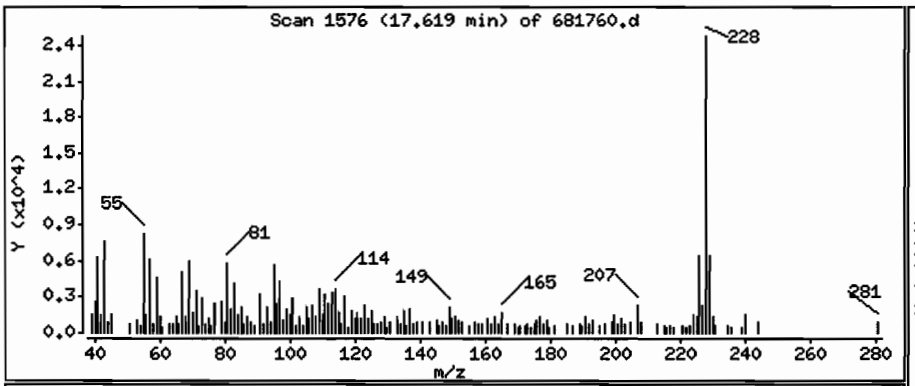
Operator: djb

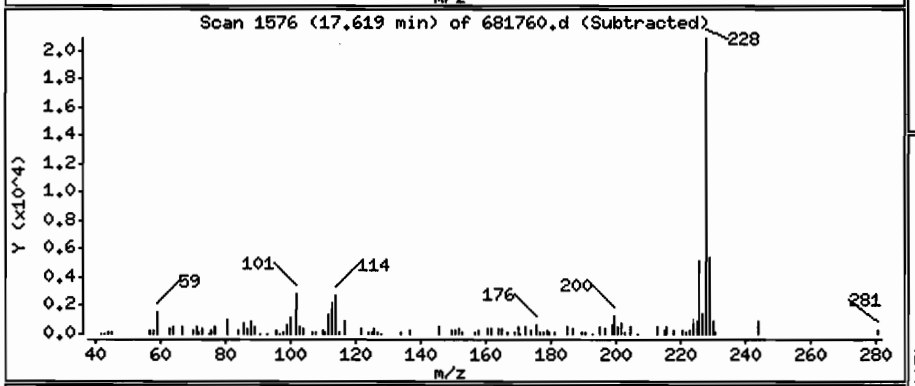
Column phase: RTx-5

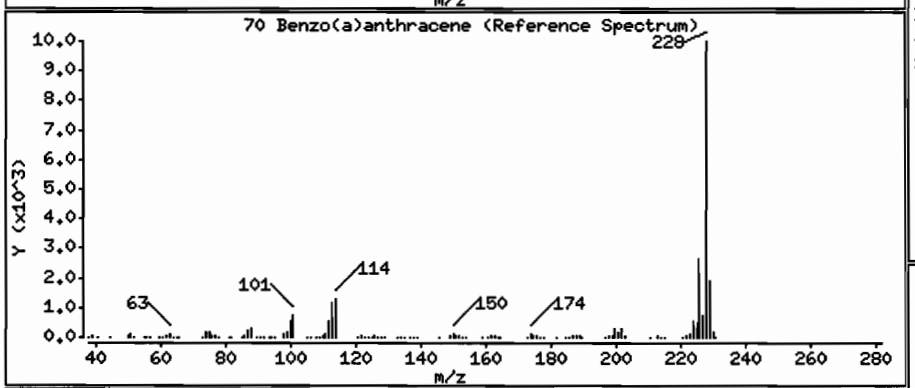
Column diameter: 0.25

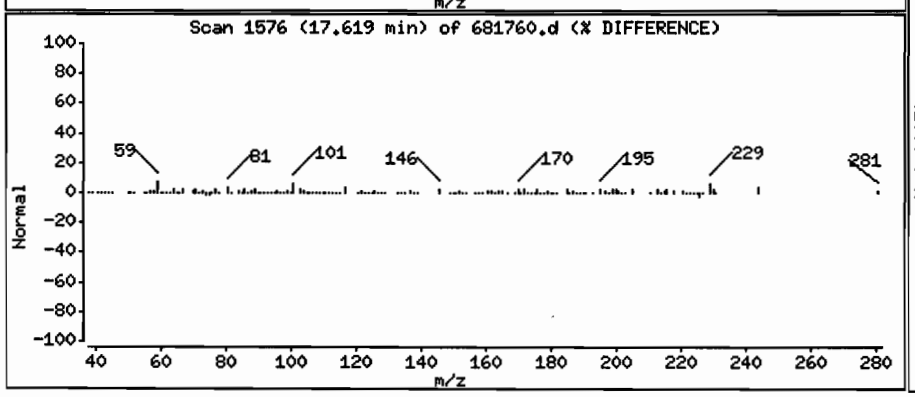
70 Benzo(a)anthracene

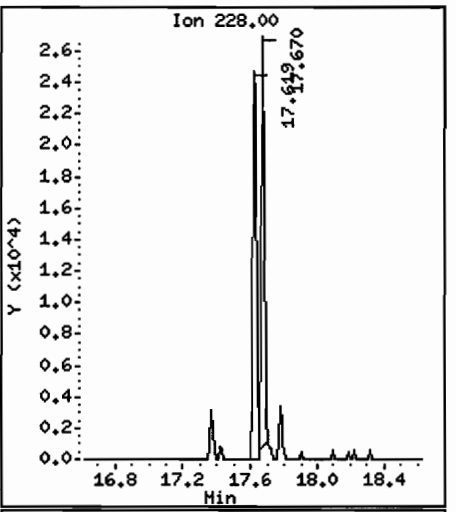
Concentration: 2 ug/L

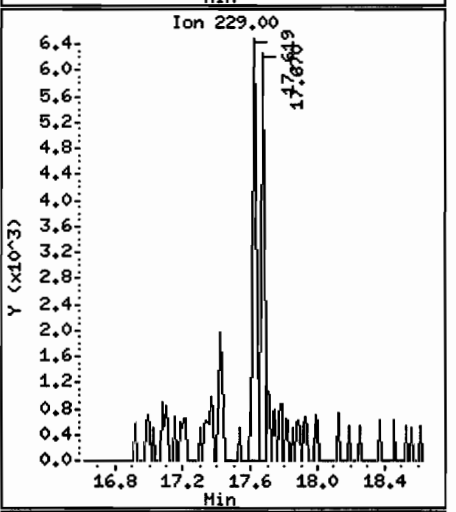


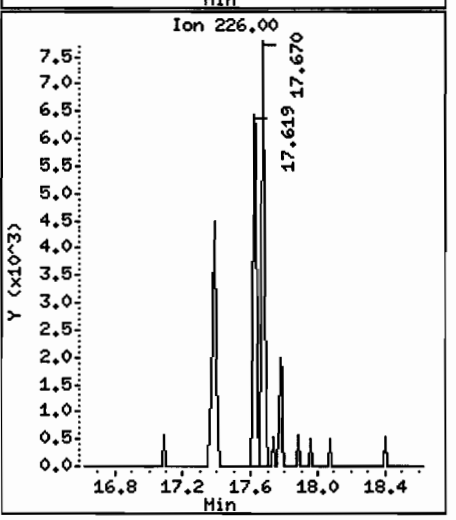












Data File: /chem/P.i/Psvr.p/pafb8270.b/681760.d

Date : 01-OCT-2006 13:46

Client ID: MW-2D

Instrument: P.i

Sample Info: MW-2D :[ ]09/01/06 @0825(WATER)

Volume Injected (uL): 1.0

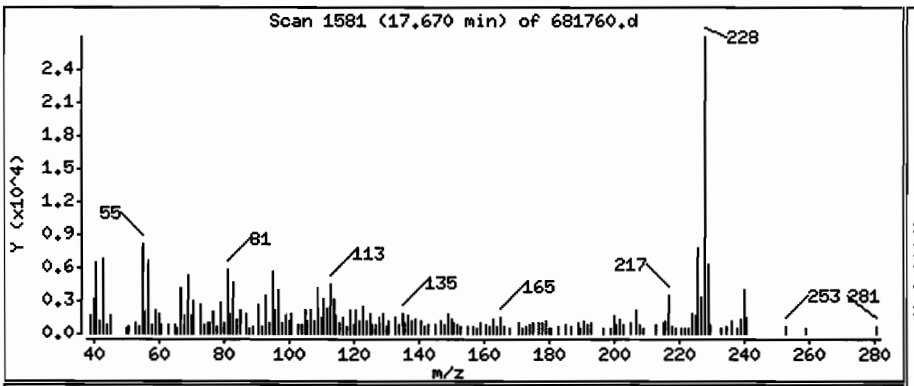
Operator: djb

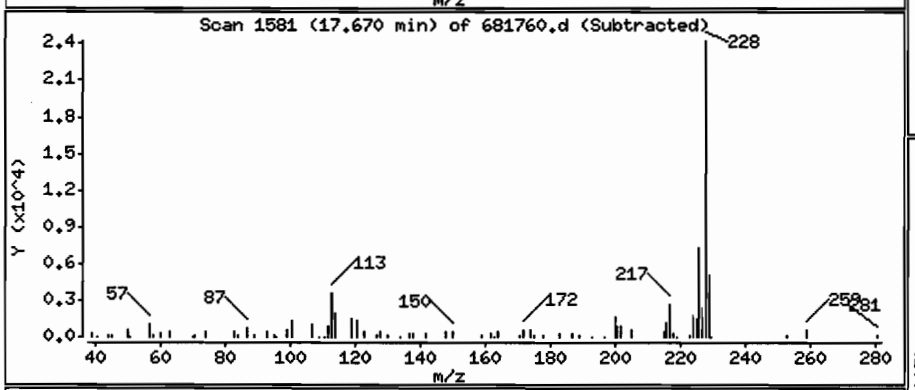
Column phase: RTx-5

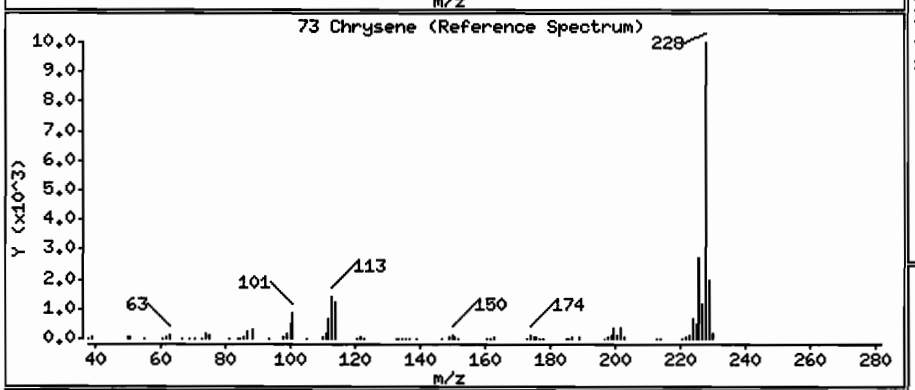
Column diameter: 0.25

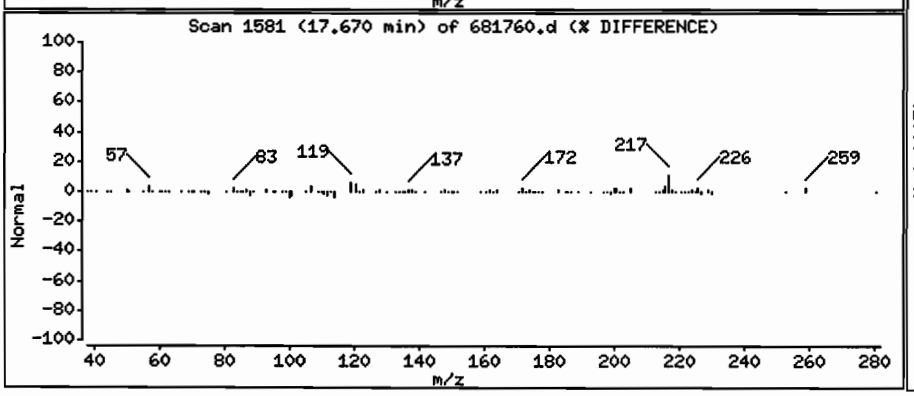
73 Chrysene

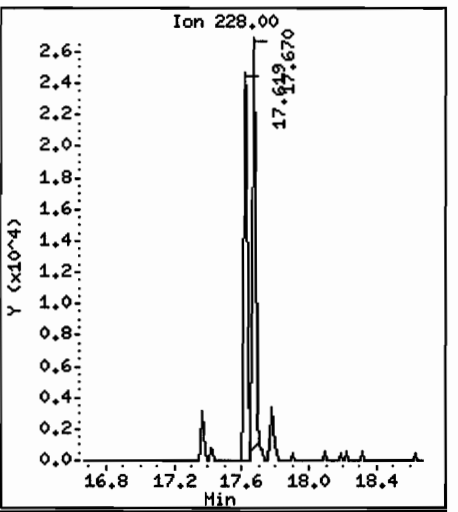
Concentration: 2 ug/L

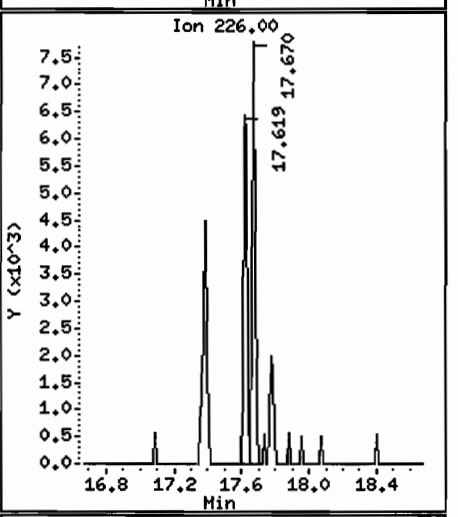


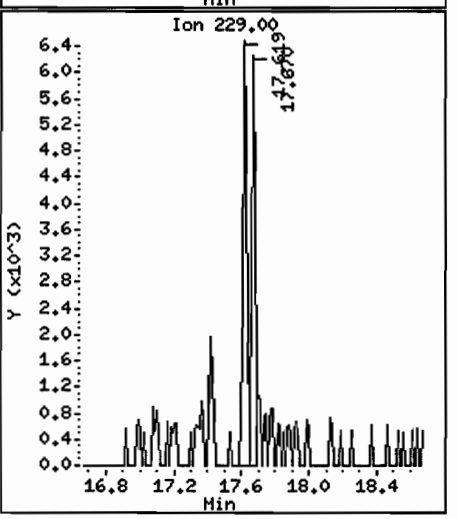












Data File: /chem/P.i/Psvr.p/pafb8270.b/681760.d

Date : 01-OCT-2006 13:46

Client ID: MW-2D

Instrument: P.i

Sample Info: MW-2D :[ ]09/01/06 @0825(WATER)

Volume Injected (uL): 1.0

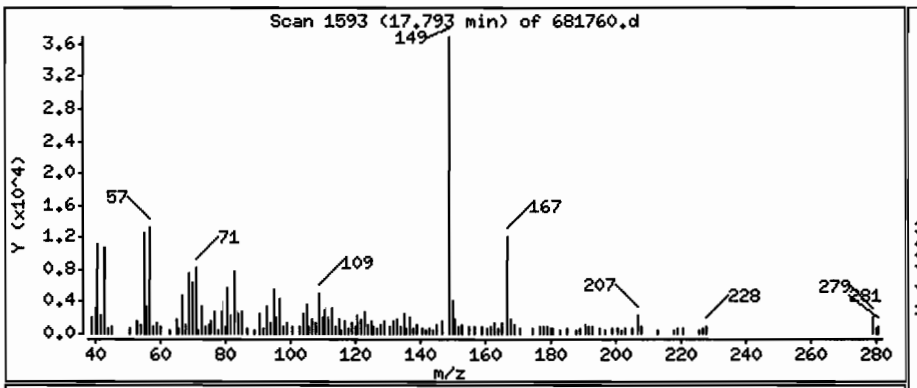
Operator: djb

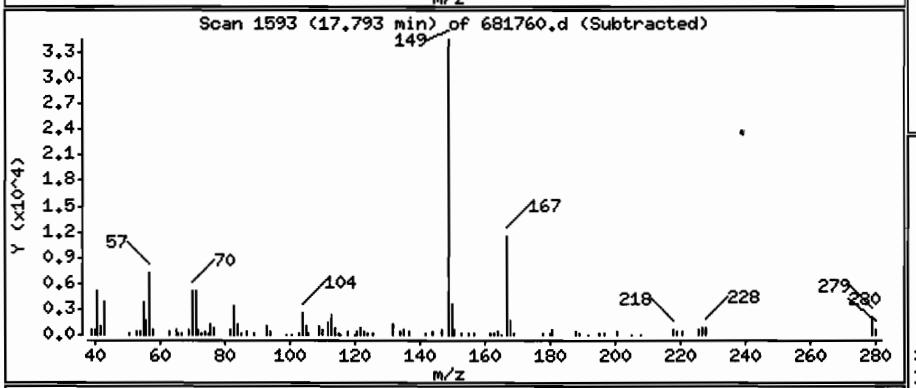
Column phase: RTx-5

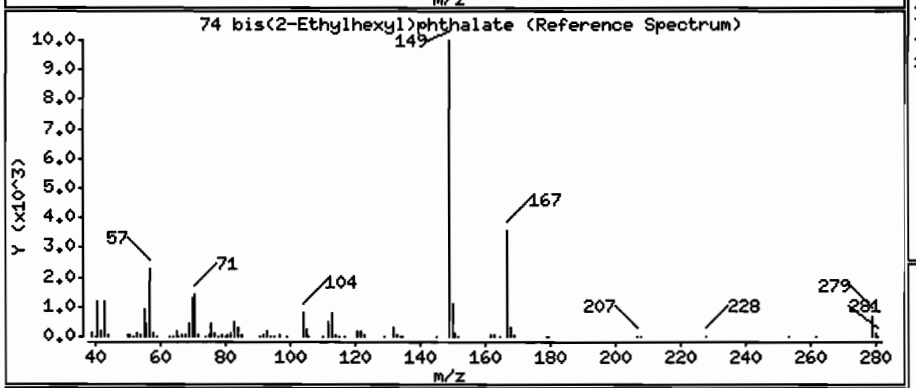
Column diameter: 0.25

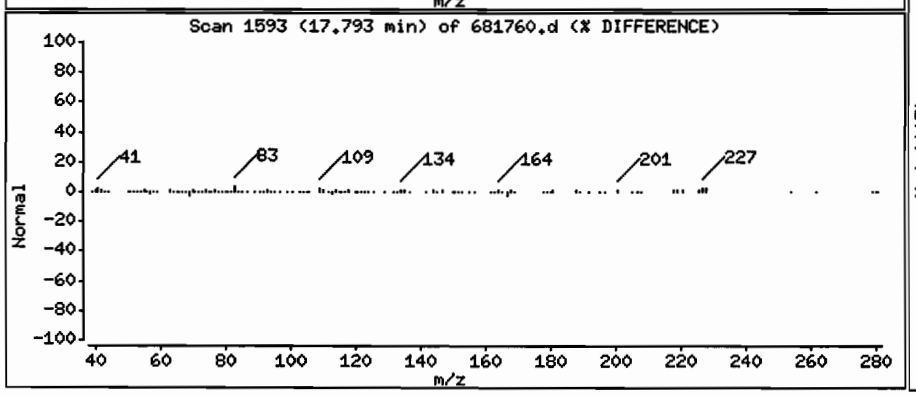
74 bis(2-Ethylhexyl)phthalate

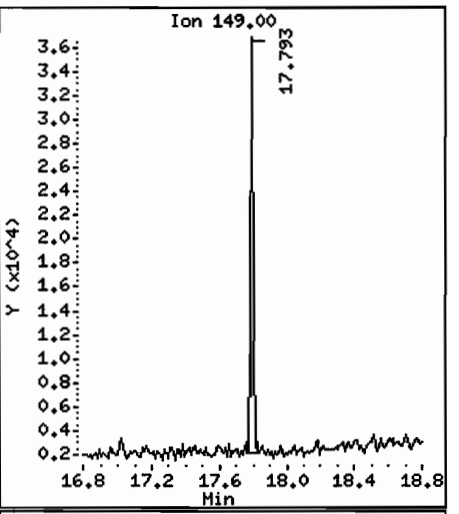
Concentration: 3 ug/L

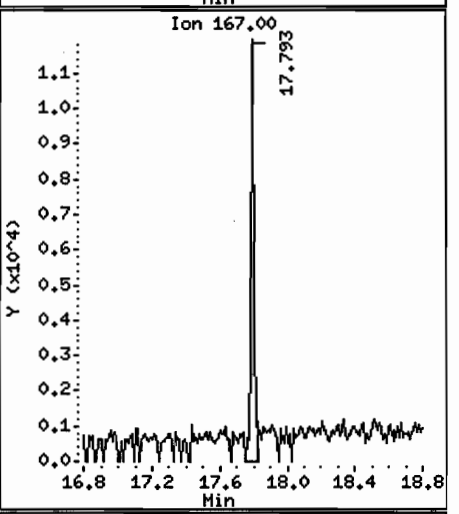


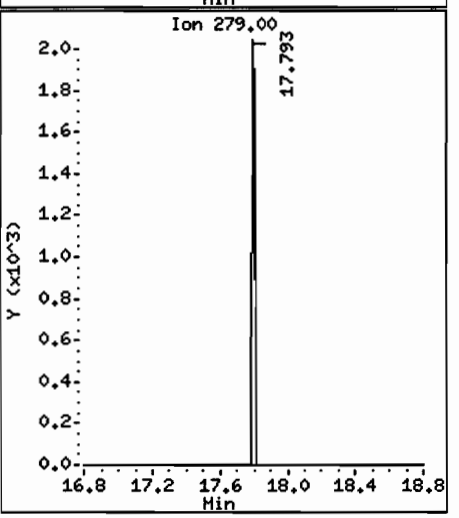












Data File: /chem/P.i/Psvr.p/pafb8270.b/681760.d

Date : 01-OCT-2006 13:46

Client ID: MW-2D

Instrument: P.i

Sample Info: MW-2D :[ ]09/01/06 @0825(WATER)

Volume Injected (uL): 1.0

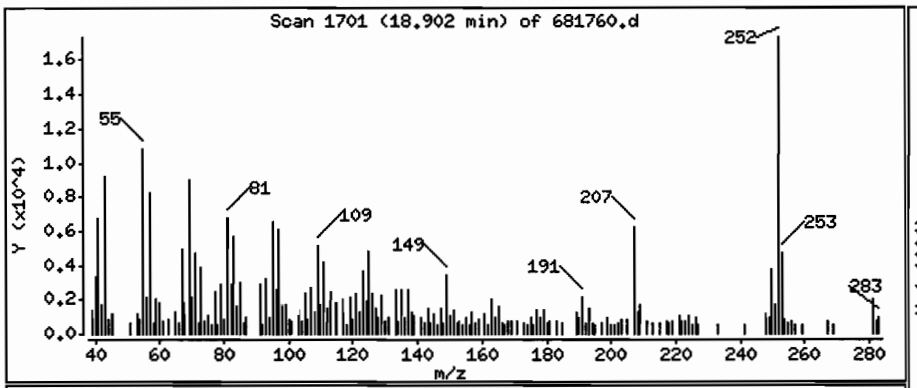
Operator: djb

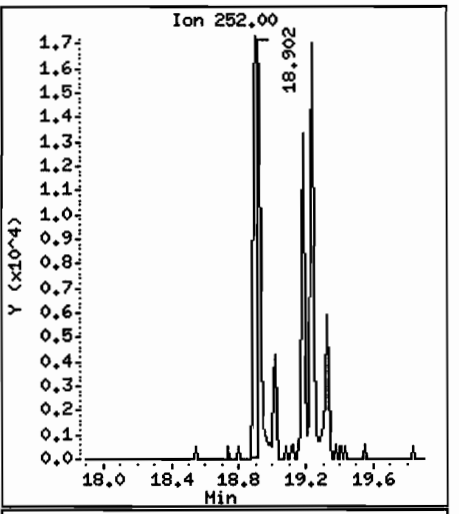
Column phase: RTx-5

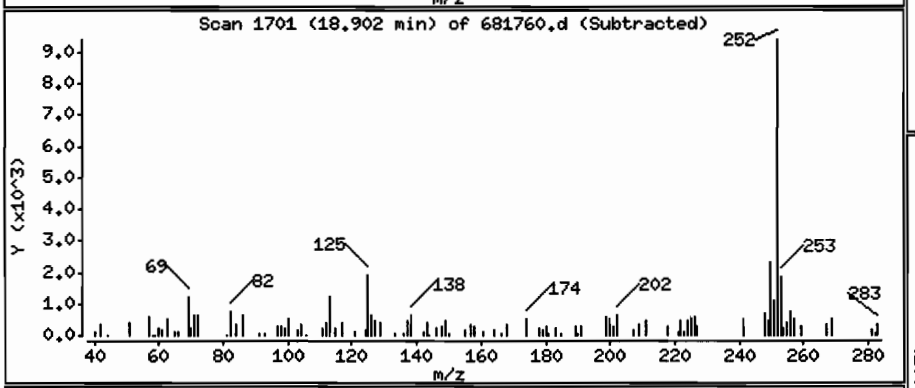
Column diameter: 0.25

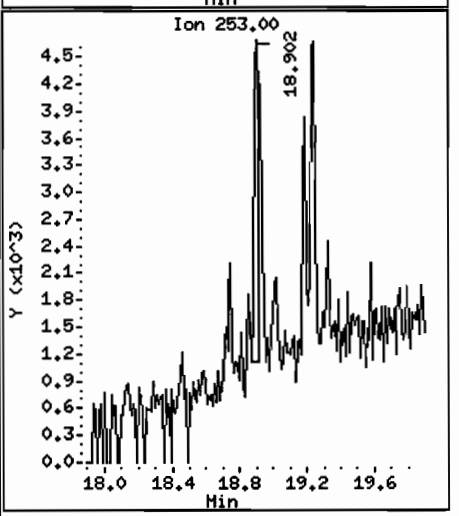
76 Benzo(b)fluoranthene

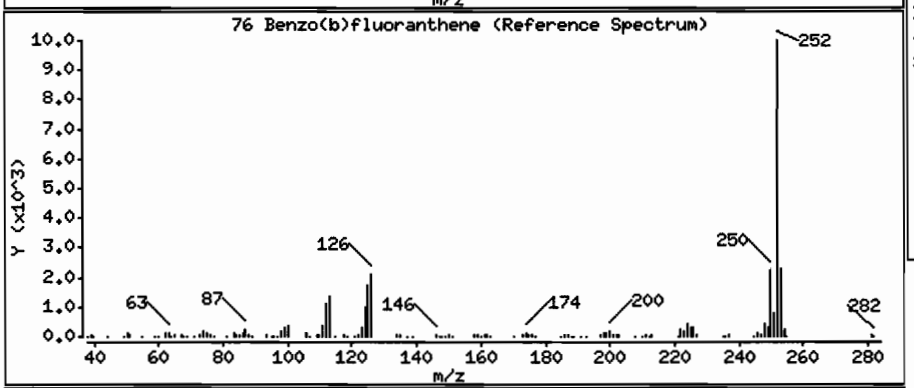
Concentration: 2 ug/L

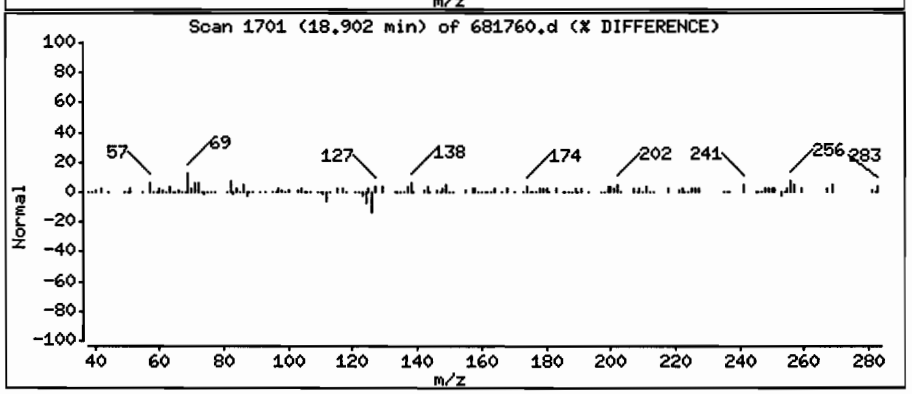












Data File: /chem/P.i/Psvr.p/pafb8270.b/681760.d

Date : 01-OCT-2006 13:46

Client ID: MW-2D

Instrument: P.i

Sample Info: MW-2D :[ ]09/01/06 @0825(WATER)

Volume Injected (uL): 1.0

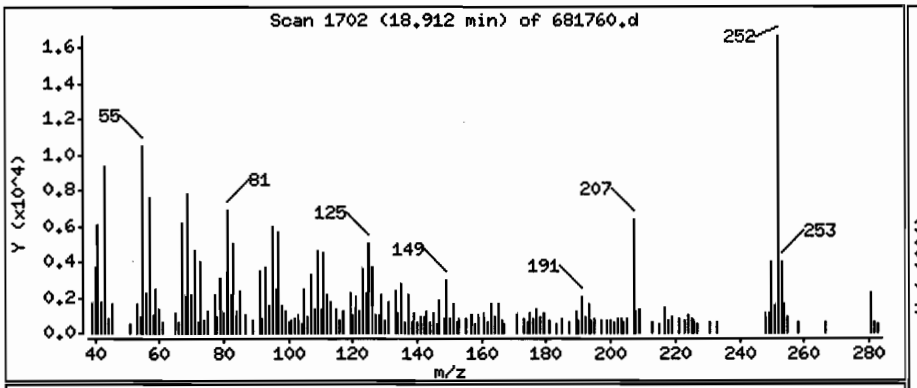
Operator: djb

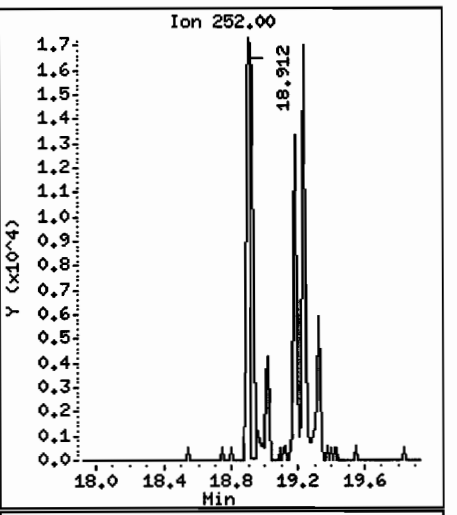
Column phase: RTx-5

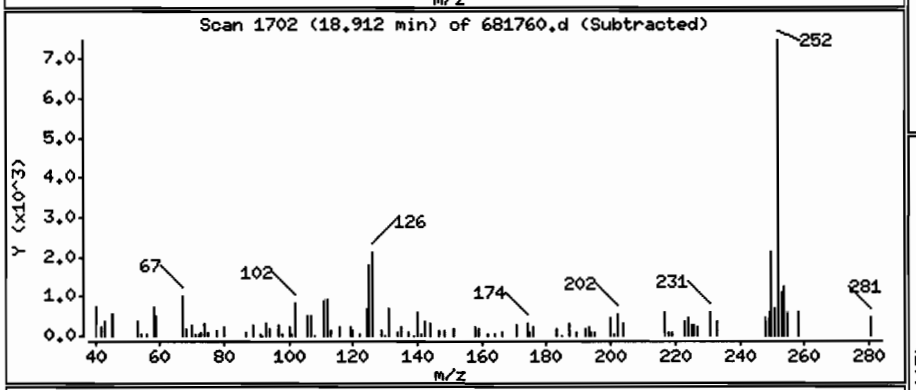
Column diameter: 0.25

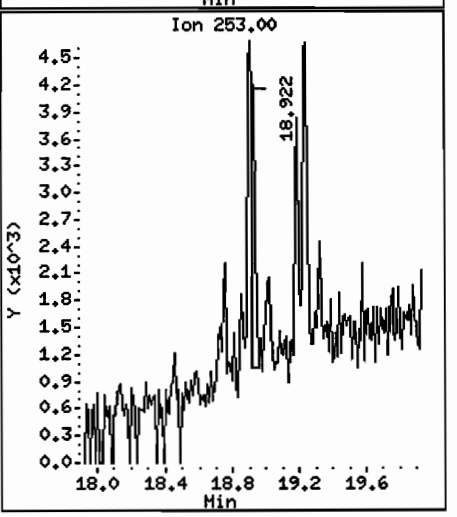
77 Benzo(k)fluoranthene

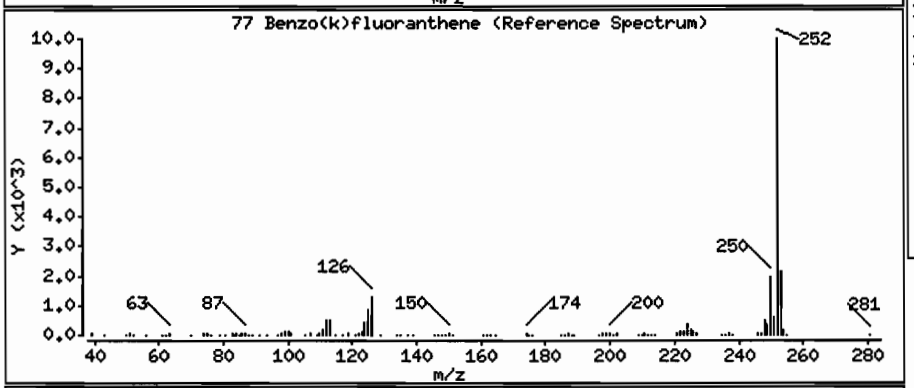
Concentration: 2 ug/L

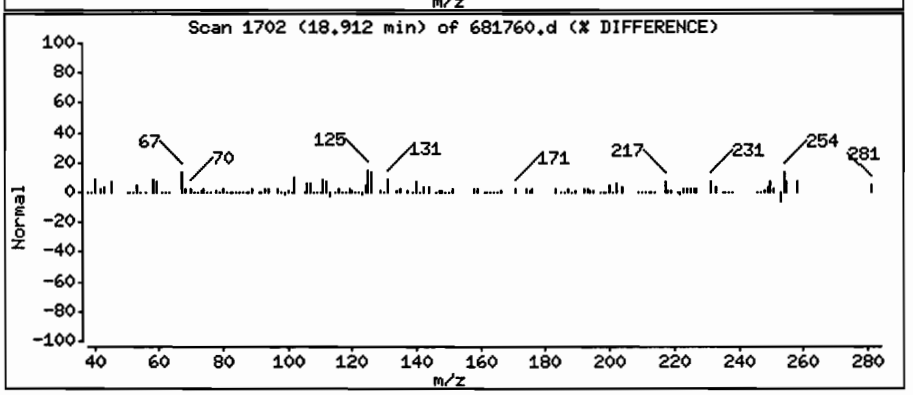












Data File: /chem/P.i/Psvr.p/pafb8270.b/681760.d

Date : 01-OCT-2006 13:46

Client ID: MW-2D

Instrument: P.i

Sample Info: MW-2D :[ ]09/01/06 @0825(WATER)

Volume Injected (uL): 1.0

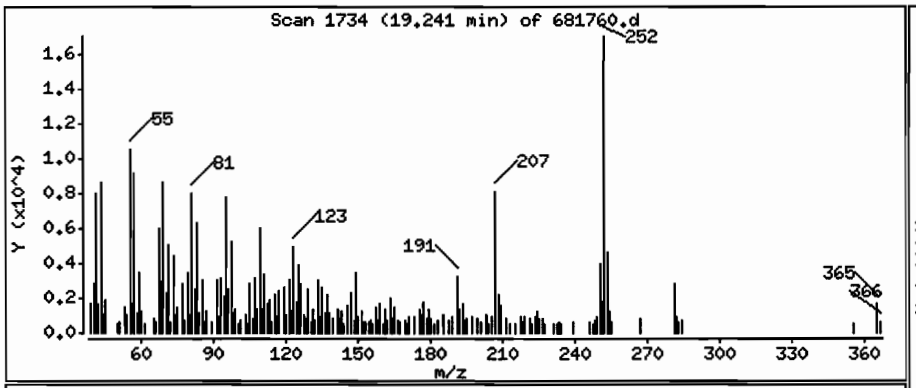
Operator: djb

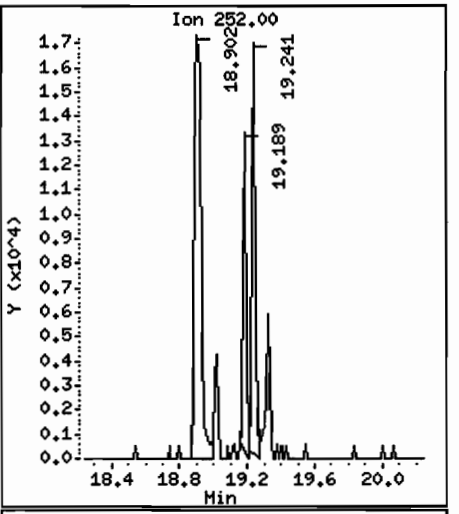
Column phase: RTx-5

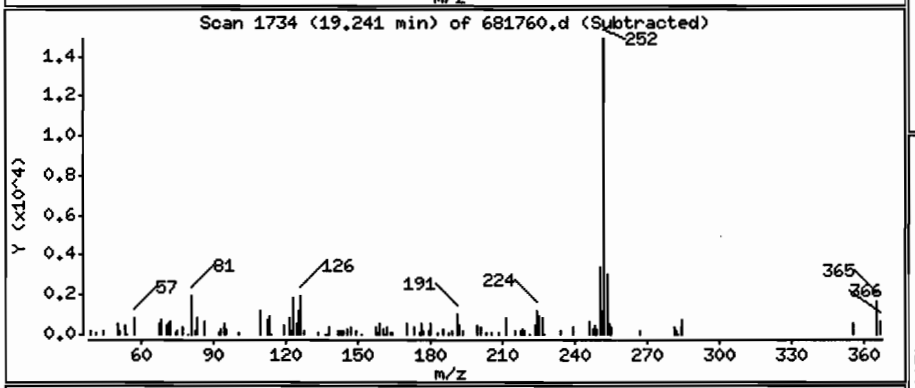
Column diameter: 0.25

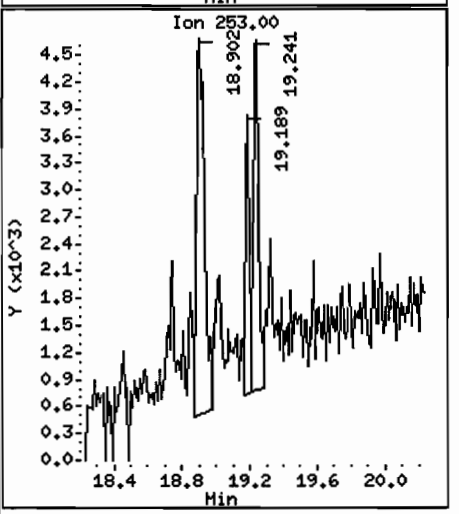
78 Benzo(a)pyrene

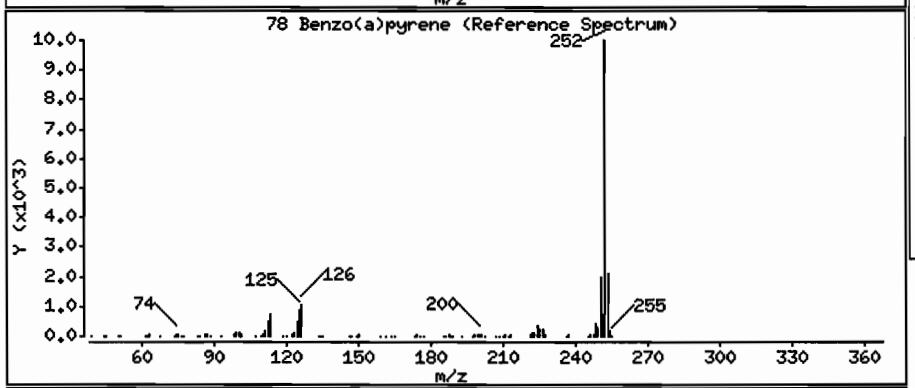
Concentration: 2 ug/L

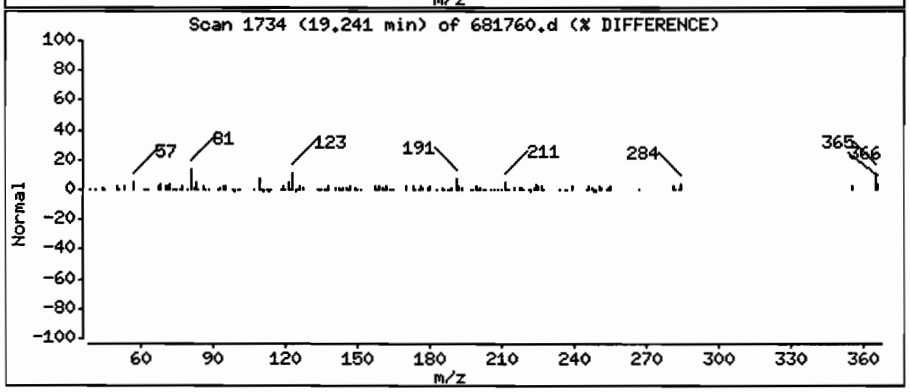












Data File: /chem/P.i/Psvr.p/pafb8270.b/681760.d

Date : 01-OCT-2006 13:46

Client ID: MW-2D

Instrument: P.i

Sample Info: MW-2D :[309/01/06 @0825(WATER)

Volume Injected (uL): 1.0

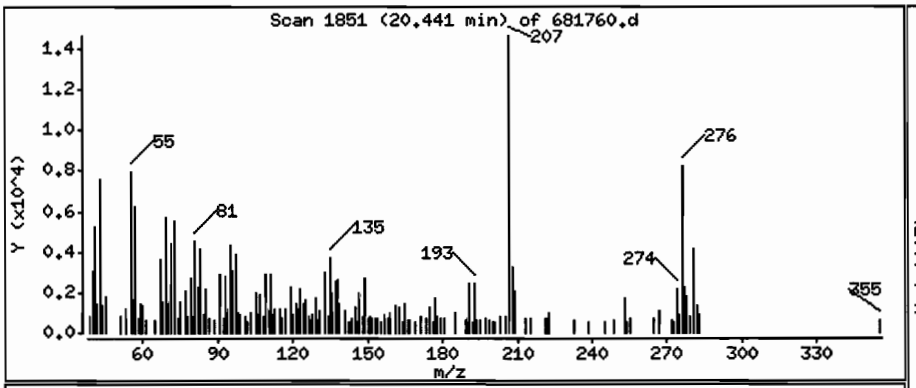
Operator: djb

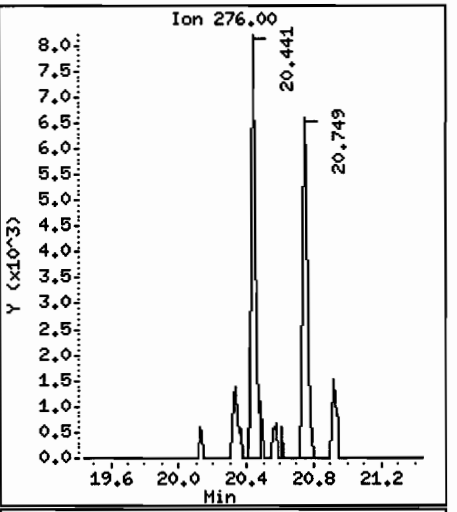
Column phase: RTx-5

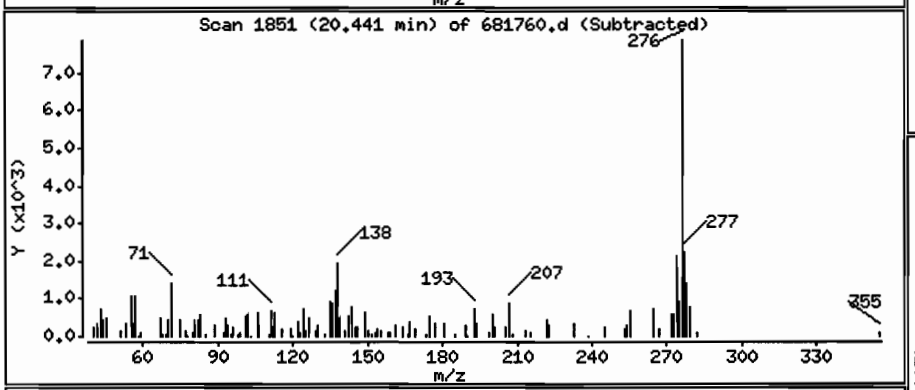
Column diameter: 0.25

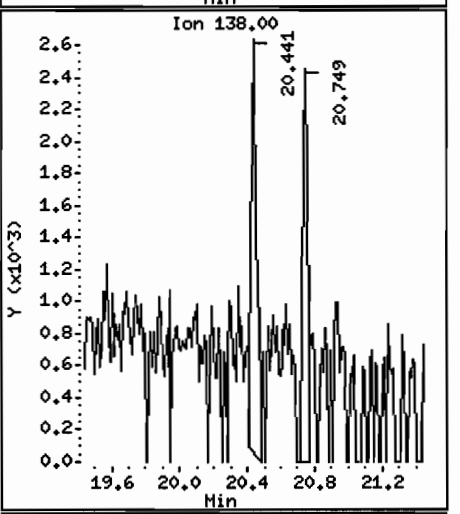
80 Indeno(1,2,3-cd)pyrene

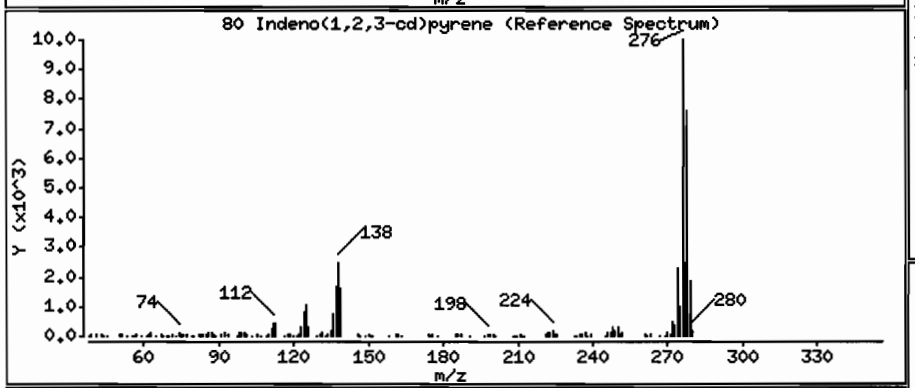
Concentration: 2 ug/L

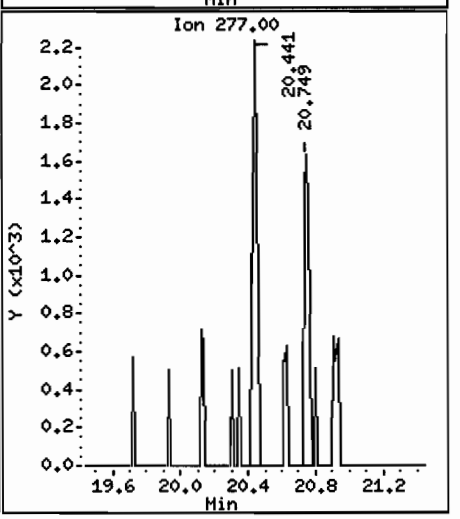


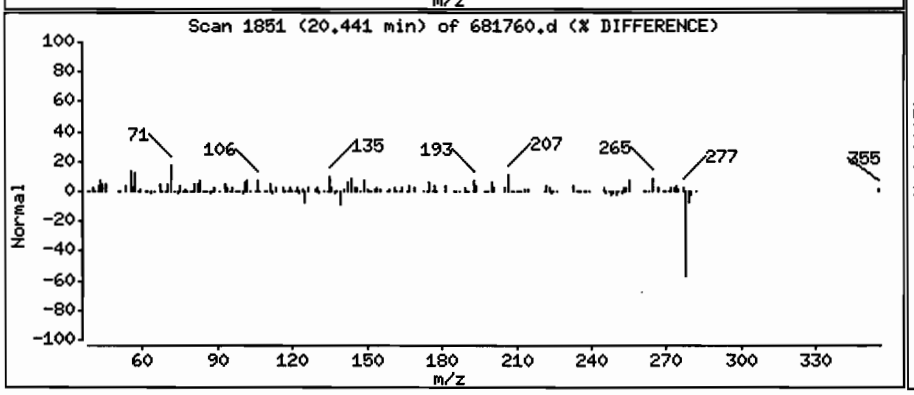












Data File: /chem/P.i/Psvr.p/pafb8270.b/681760.d

Date : 01-OCT-2006 13:46

Client ID: MW-2D

Instrument: P.i

Sample Info: MW-2D :[ ]09/01/06 @0825(WATER)

Volume Injected (uL): 1.0

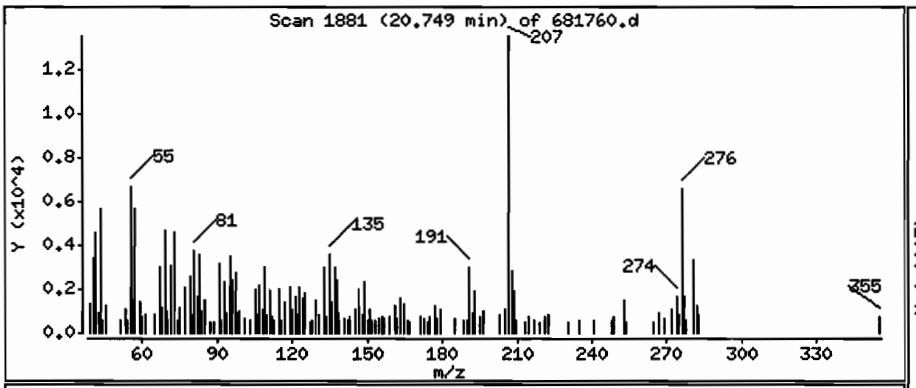
Operator: djb

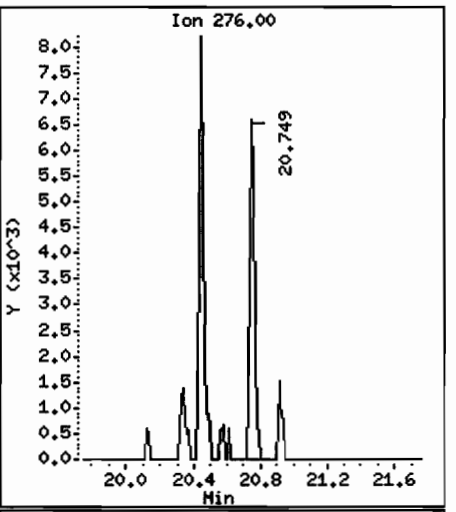
Column phase: RTx-5

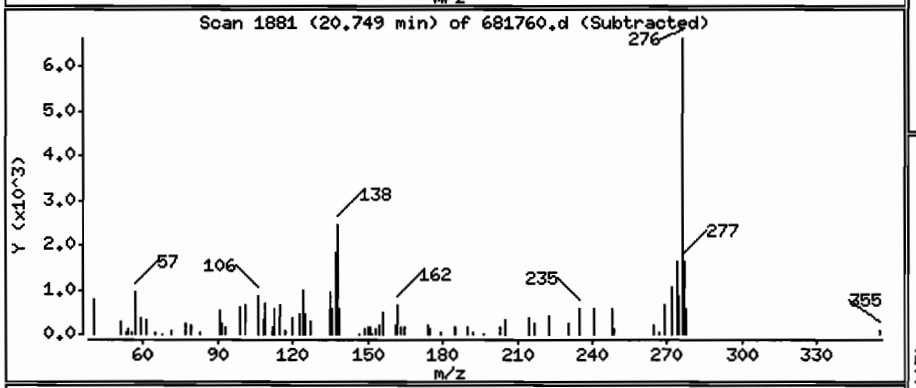
Column diameter: 0.25

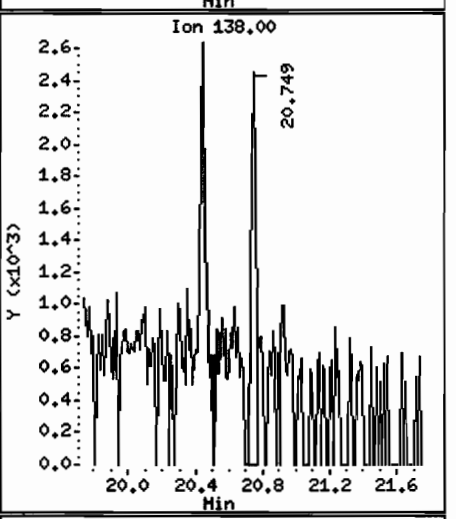
82 Benzo(g,h,i)perylene

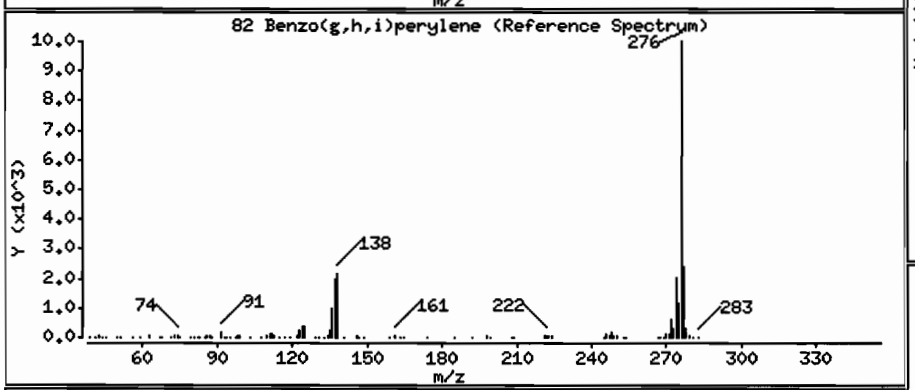
Concentration: 2 ug/L

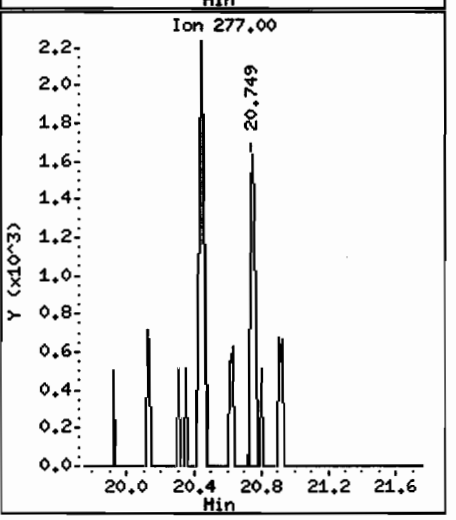


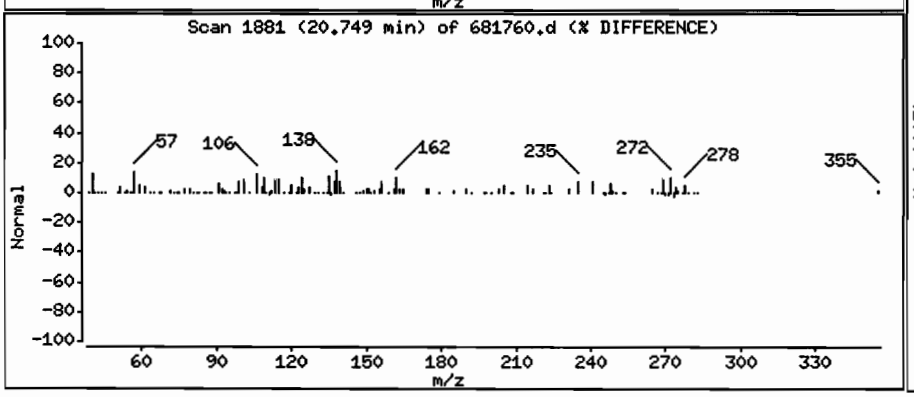












Data File: /chem/P.i/Psvr.p/pafb8270.b/681760.d

Date : 01-OCT-2006 13:46

Client ID: MW-2D

Instrument: P.i

Sample Info: MW-2D :[ ]09/01/06 @0825(WATER)

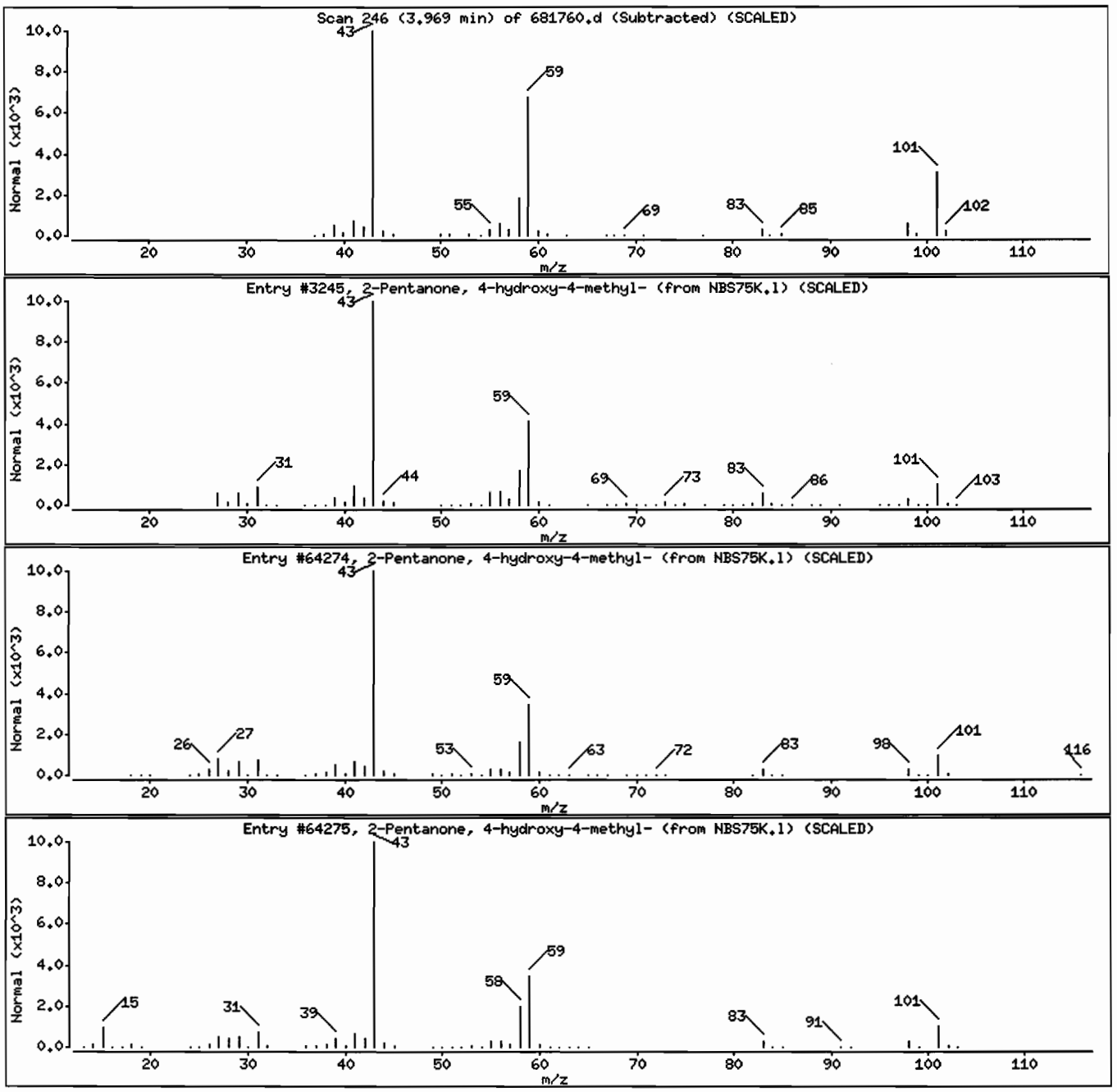
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	3245	72	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64274	50	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64275	39	C6H12O2	116



Data File: /chem/P.i/Psvr.p/pafb8270.b/681760.d

Date : 01-OCT-2006 13:46

Client ID: MW-2D

Instrument: P.i

Sample Info: MW-2D :[ ]09/01/06 @0825(WATER)

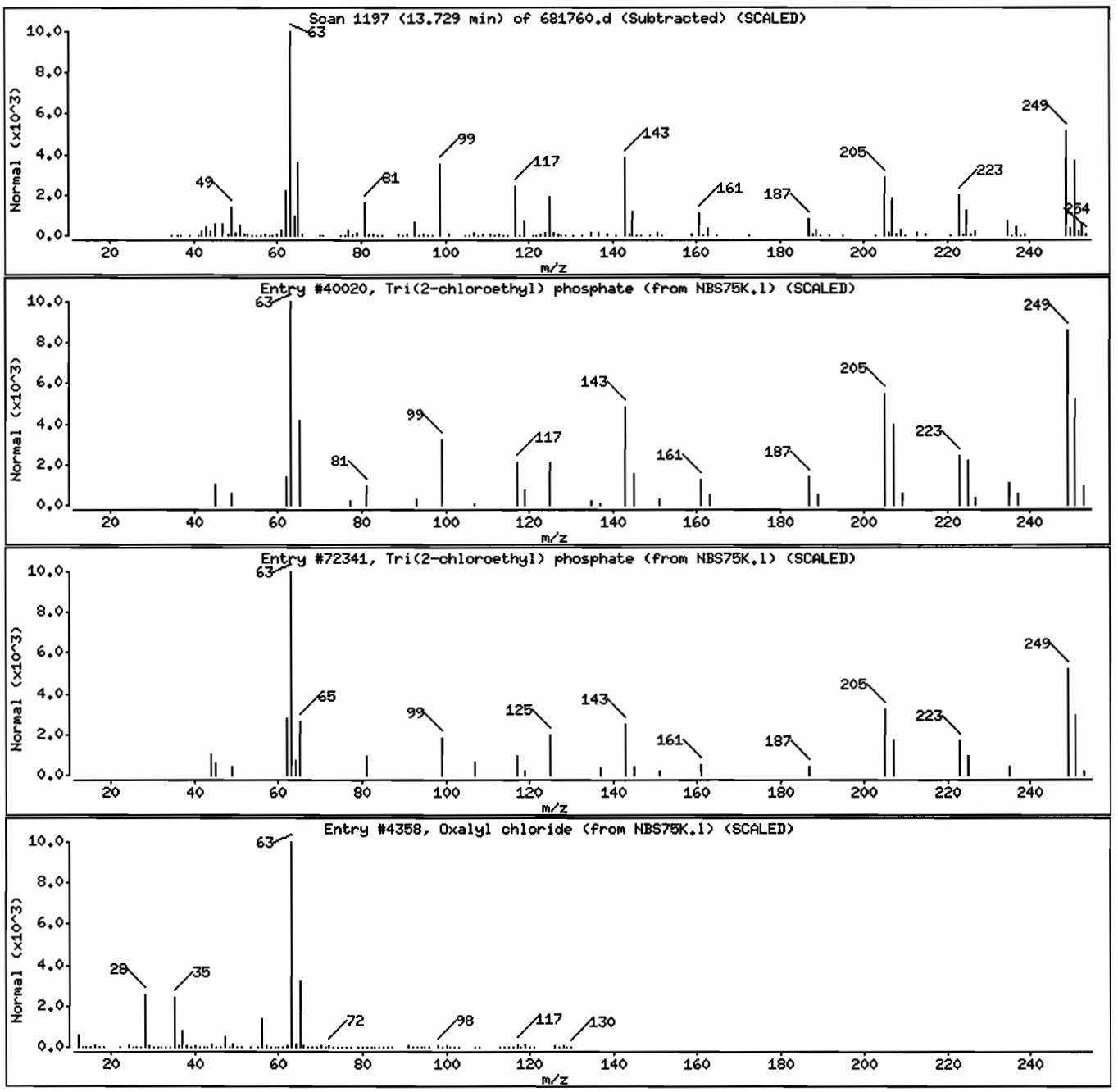
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tri(2-chloroethyl) phosphate	115-96-8	NBS75K.l	40020	80	C6H12Cl3O4P	284
Tri(2-chloroethyl) phosphate	115-96-8	NBS75K.l	72341	78	C6H12Cl3O4P	284
Oxalyl chloride	79-37-8	NBS75K.l	4358	43	C2Cl2O2	126



Data File: /chem/P.i/Psvr.p/pafb8270.b/681760.d

Date : 01-OCT-2006 13:46

Client ID: MW-2D

Instrument: P.i

Sample Info: MW-2D :[ ]09/01/06 @0825(WATER)

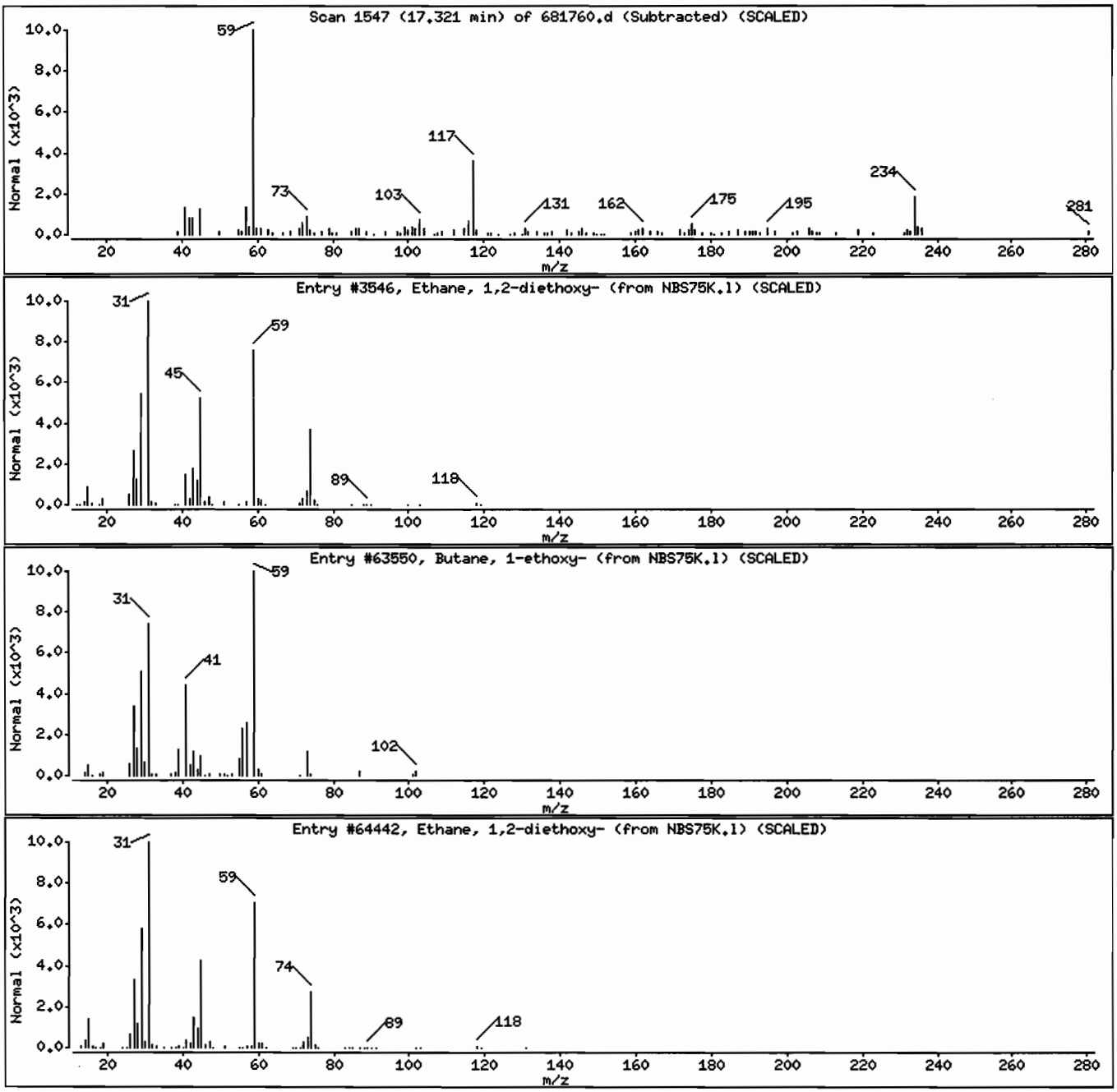
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Ethane, 1,2-diethoxy-	629-14-1	NBS75K.l	3546	47	C6H1402	118
Butane, 1-ethoxy-	628-81-9	NBS75K.l	63550	47	C6H140	102
Ethane, 1,2-diethoxy-	629-14-1	NBS75K.l	64442	47	C6H1402	118



Data File: /chem/P.i/Psvr.p/pafb8270.b/681760.d

Date : 01-OCT-2006 13:46

Client ID: MW-2D

Instrument: P.i

Sample Info: MW-2D :[ ]09/01/06 @0825(WATER)

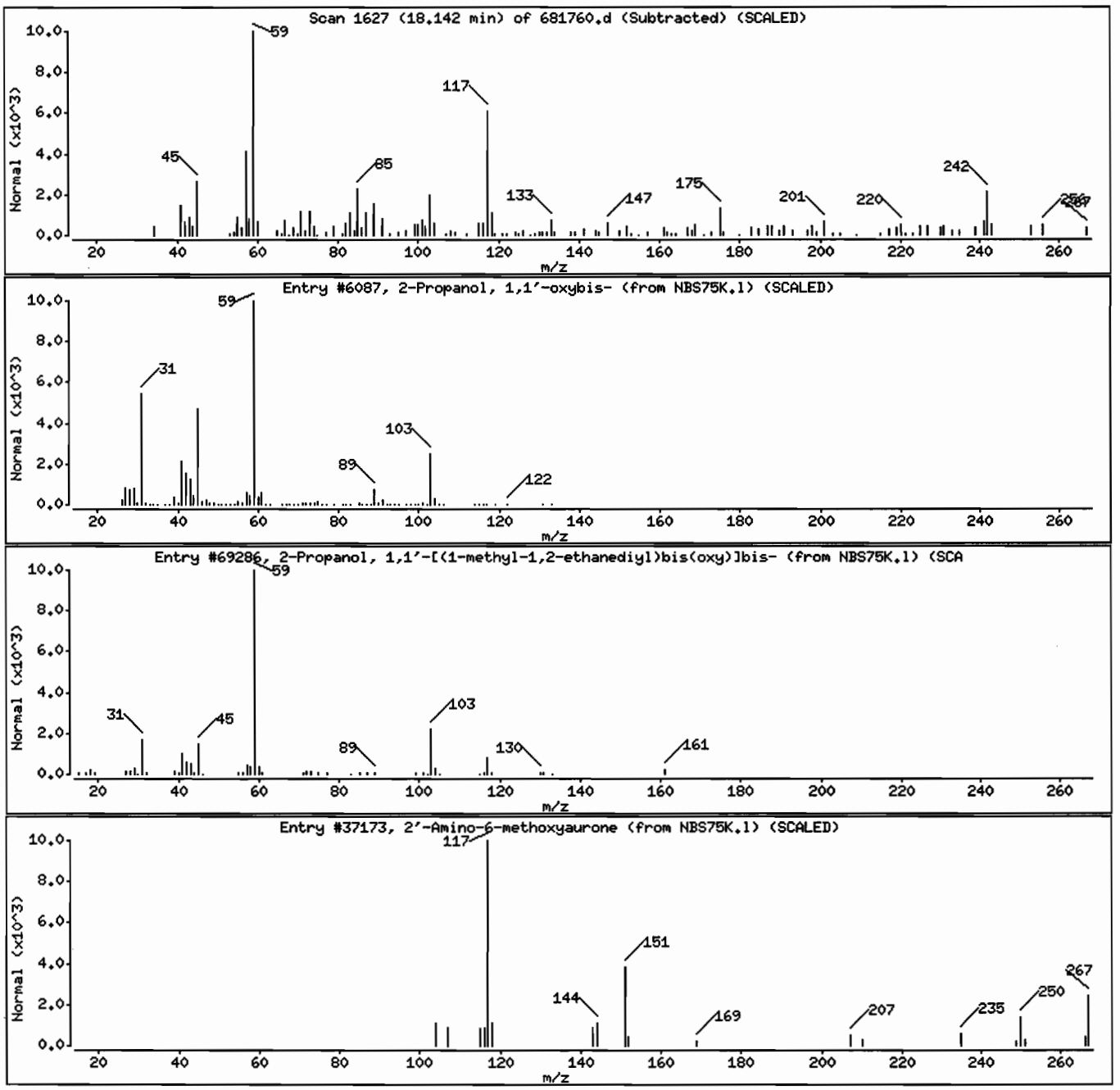
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Propanol, 1,1'-oxybis-	110-98-5	NBS75K.l	6087	35	C6H1403	134
2-Propanol, 1,1'-[(1-methyl-1,2-ethanedi	1638-16-0	NBS75K.l	69286	32	C9H2004	192
2'-Amino-6-methoxyaurone	77764-94-4	NBS75K.l	37173	32	C16H13N03	267



Data File: /chem/P.i/Psvr.p/pafb8270.b/681760.d

Date : 01-OCT-2006 13:46

Client ID: MW-2D

Instrument: P.i

Sample Info: MW-2D :[ ]09/01/06 @0825(WATER)

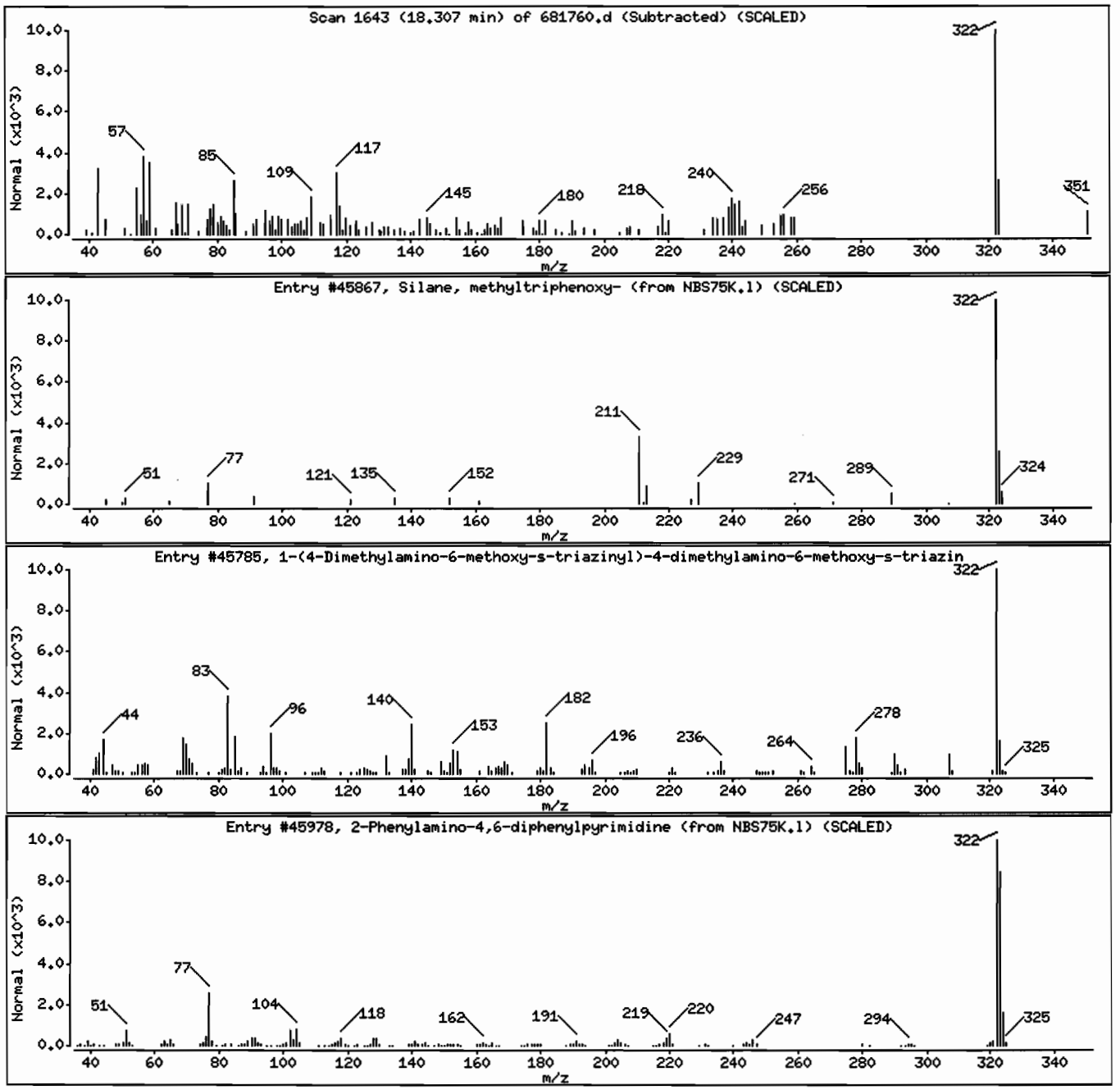
Volume Injected (uL): 1.0

Operator: djb

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Silane, methyltriphenoxy-	3439-97-2	NBS75K.l	45867	32	C19H18O3Si	322
1-(4-Dimethylamino-6-methoxy-s-triazinyl	0-00-0	NBS75K.l	45785	9	C12H18N8O3	322
2-Phenylamino-4,6-diphenylpyrimidine	0-00-0	NBS75K.l	45978	9	C22H17N3	323



1LCB

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2DD

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681761 Date Received: 09/02/06

Lab File ID: 681761 Date Extracted: 09/05/06

Sample Volume: 915.000 (mL) Date Analyzed: 10/01/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)Ether	5	U
95-57-8	2-Chlorophenol	5	U
108-60-1	2,2'-oxybis(1-Chloropropane)	5	U
95-48-7	2-Methylphenol	5	U
67-72-1	Hexachloroethane	5	U
621-64-7	N-Nitroso-di-n-propylamine	5	U
106-44-5	4-Methylphenol	5	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	5	U
88-75-5	2-Nitrophenol	5	U
105-67-9	2,4-Dimethylphenol	5	U
111-91-1	bis(2-Chloroethoxy)methane	5	U
120-83-2	2,4-Dichlorophenol	5	U
91-20-3	Naphthalene	5	U
106-47-8	4-Chloroaniline	5	U
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-Methylphenol	5	U
91-57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2,4,6-Trichlorophenol	5	U
95-95-4	2,4,5-Trichlorophenol	22	U
91-58-7	2-Chloronaphthalene	5	U
88-74-4	2-Nitroaniline	22	U
131-11-3	Dimethylphthalate	5	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	5	U
83-32-9	Acenaphthene	5	U
99-09-2	3-Nitroaniline	22	U

1LCC

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2DD

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681761 Date Received: 09/02/06

Lab File ID: 681761 Date Extracted: 09/05/06

Sample Volume: 915.000 (mL) Date Analyzed: 10/01/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
51-28-5	2,4-Dinitrophenol	22	U
132-64-9	Dibenzofuran	5	U
100-02-7	4-Nitrophenol	22	U
121-14-2	2,4-Dinitrotoluene	5	U
86-73-7	Fluorene	5	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
100-01-6	4-Nitroaniline	22	U
534-52-1	4,6-Dinitro-2-methylphenol	22	U
86-30-6	N-nitrosodiphenylamine (1)	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-5	Pentachlorophenol	22	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
56-55-3	Benzo(a)anthracene	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)phthalate	5	U
117-84-0	Di-n-octylphthalate	5	U
205-99-2	Benzo(b)fluoranthene	5	U
207-08-9	Benzo(k)fluoranthene	5	U
50-32-8	Benzo(a)pyrene	5	U
193-39-5	Indeno(1,2,3-cd)pyrene	5	U
53-70-3	Dibenz(a,h)anthracene	5	U
191-24-2	Benzo(g,h,i)perylene	5	U

(1) - Cannot be separated from Diphenylamine

1LCF

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-2DD

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681761 Date Received: 09/02/06

Lab File ID: 681761 Date Extracted: 09/05/06

Sample Volume: 915.000 (mL) Date Analyzed: 10/01/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

Number TICs found: 2

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC. (ug/L)	Q
1.	123-42-2	2-PENTANONE, 4-HYDROXY-4-MET	4.05	21	NJAB
2.	115-96-8	TRI(2-CHLOROETHYL) PHOSPHATE	13.78	6	NJ
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: /chem/P.i/Psvr.p/pafa8270.b/681761.d

Date : 01-OCT-2006 00:05

Client ID: MW-2DD

Instrument: P.i

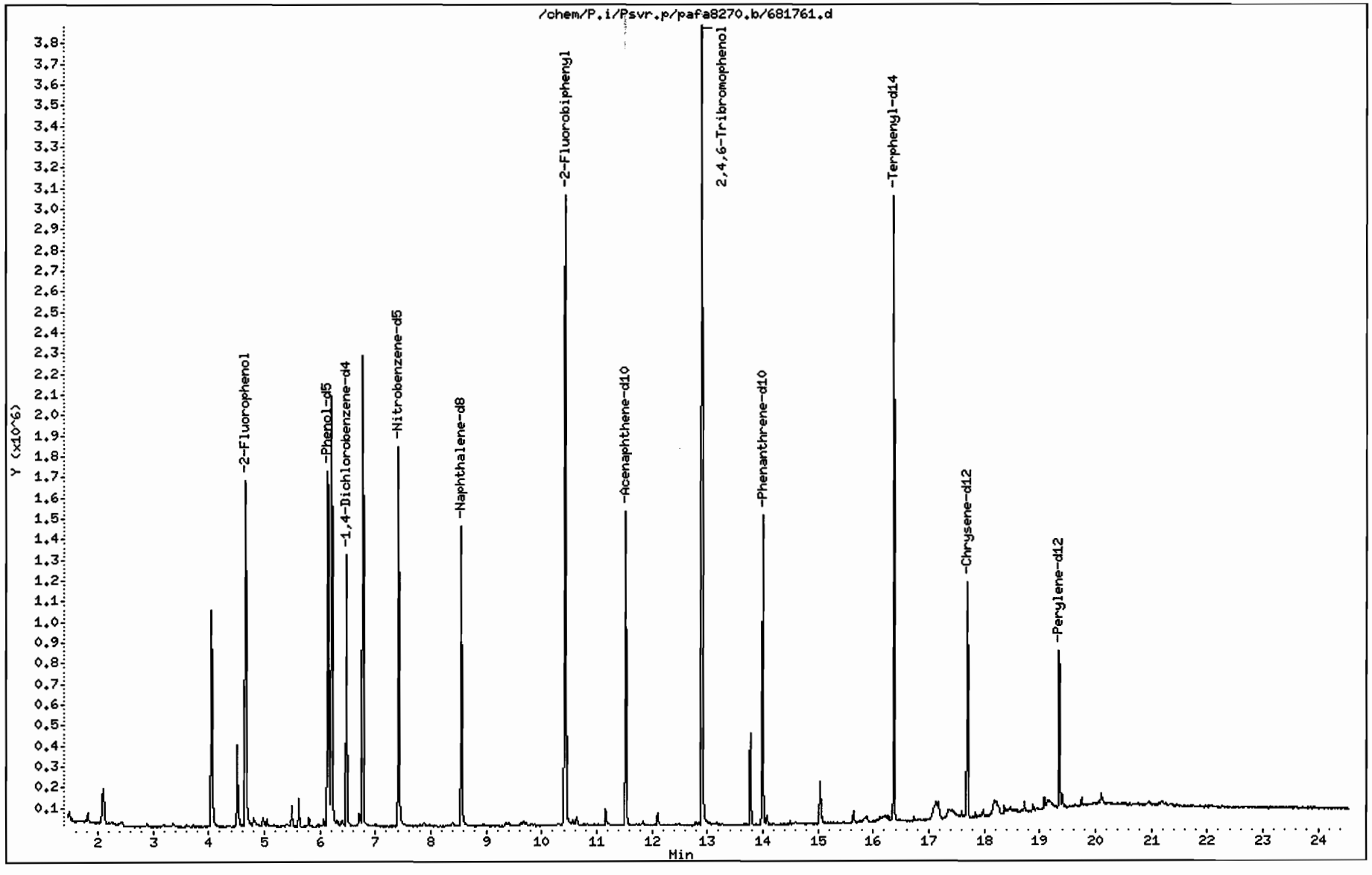
Sample Info: MW-2DD :[ ]09/01/06 @0900(WATER)

Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681761.d
Lab Smp Id: 681761 Client Smp ID: MW-2DD
Inj Date : 01-OCT-2006 00:05
Operator : prp Inst ID: P.i
Smp Info : MW-2DD :[ ]09/01/06 @0900(WATER)
Misc Info : 681761,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	915.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
$	2	2-Fluorophenol	112	4.662	4.630	(0.720)	883976	36.7007	40
$	4	Phenol-d5	99	6.140	6.118	(0.948)	1165080	39.5433	43
	5	Phenol	94	Compound Not Detected.					
	6	bis(2-Chloroethyl)Ether	93	Compound Not Detected.					
	8	2-Chlorophenol	128	Compound Not Detected.					
*	10	1,4-Dichlorobenzene-d4	152	6.479	6.467	(1.000)	298805	20.0000	
	15	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	16	2-Methylphenol	108	Compound Not Detected.					
	17	Hexachloroethane	116	Compound Not Detected.					
	18	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	19	4-Methylphenol	108	Compound Not Detected.					
$	20	Nitrobenzene-d5	82	7.423	7.401	(0.868)	923304	37.6449	41
	21	Nitrobenzene	77	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	22 Isophorone	82	Compound Not Detected.					
	23 2-Nitrophenol	139	Compound Not Detected.					
	24 2,4-Dimethylphenol	107	Compound Not Detected.					
	25 bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	26 2,4-Dichlorophenol	162	Compound Not Detected.					
*	29 Naphthalene-d8	136	8.552	8.530	(1.000)	1131743	20.0000	
	30 Naphthalene	128	Compound Not Detected.					
	31 4-Chloroaniline	127	Compound Not Detected.					
	32 Hexachlorobutadiene	224	Compound Not Detected.					
	33 4-Chloro-3-Methylphenol	107	Compound Not Detected.					
	34 2-Methylnaphthalene	142	Compound Not Detected.					
	35 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	36 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	37 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	38 2-Fluorobiphenyl	172	10.430	10.418	(0.905)	1448271	35.7153	39
	39 2-Chloronaphthalene	162	Compound Not Detected.					
	40 2-Nitroaniline	65	Compound Not Detected.					
	42 Acenaphthylene	152	Compound Not Detected.					
	41 Dimethylphthalate	163	Compound Not Detected.					
	43 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	44 Acenaphthene-d10	164	11.528	11.516	(1.000)	573817	20.0000	
	45 Acenaphthene	153	Compound Not Detected.					
	46 3-Nitroaniline	138	Compound Not Detected.					
	47 2,4-Dinitrophenol	184	Compound Not Detected.					
	48 Dibenzofuran	168	Compound Not Detected.					
	49 4-Nitrophenol	109	Compound Not Detected.					
	50 2,4-Dinitrotoluene	165	Compound Not Detected.					
	51 Fluorene	166	Compound Not Detected.					
	52 Diethylphthalate	149	Compound Not Detected.					
	53 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	54 4-Nitroaniline	138	Compound Not Detected.					
	55 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	56 N-nitrosodiphenylamine	169	Compound Not Detected.					
$	57 2,4,6-Tribromophenol	330	12.903	12.892	(0.922)	669272	106.555	120(A)
	58 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	59 Hexachlorobenzene	283	Compound Not Detected.					
	60 Pentachlorophenol	265	Compound Not Detected.					
*	61 Phenanthrene-d10	188	13.991	13.990	(1.000)	806096	20.0000	
	62 Phenanthrene	178	Compound Not Detected.					
	63 Anthracene	178	Compound Not Detected.					
	65 Di-n-butylphthalate	149	Compound Not Detected.					
	66 Fluoranthene	202	Compound Not Detected.					
	67 Pyrene	202	Compound Not Detected.					
$	68 Terphenyl-d14	244	16.372	16.361	(0.925)	1118087	46.2451	51
	69 Butylbenzylphthalate	149	Compound Not Detected.					
	70 Benzo(a)anthracene	228	Compound Not Detected.					
*	71 Chrysene-d12	240	17.696	17.695	(1.000)	442249	20.0000	
	72 3,3'-Dichlorobenzidine	252	Compound Not Detected.					

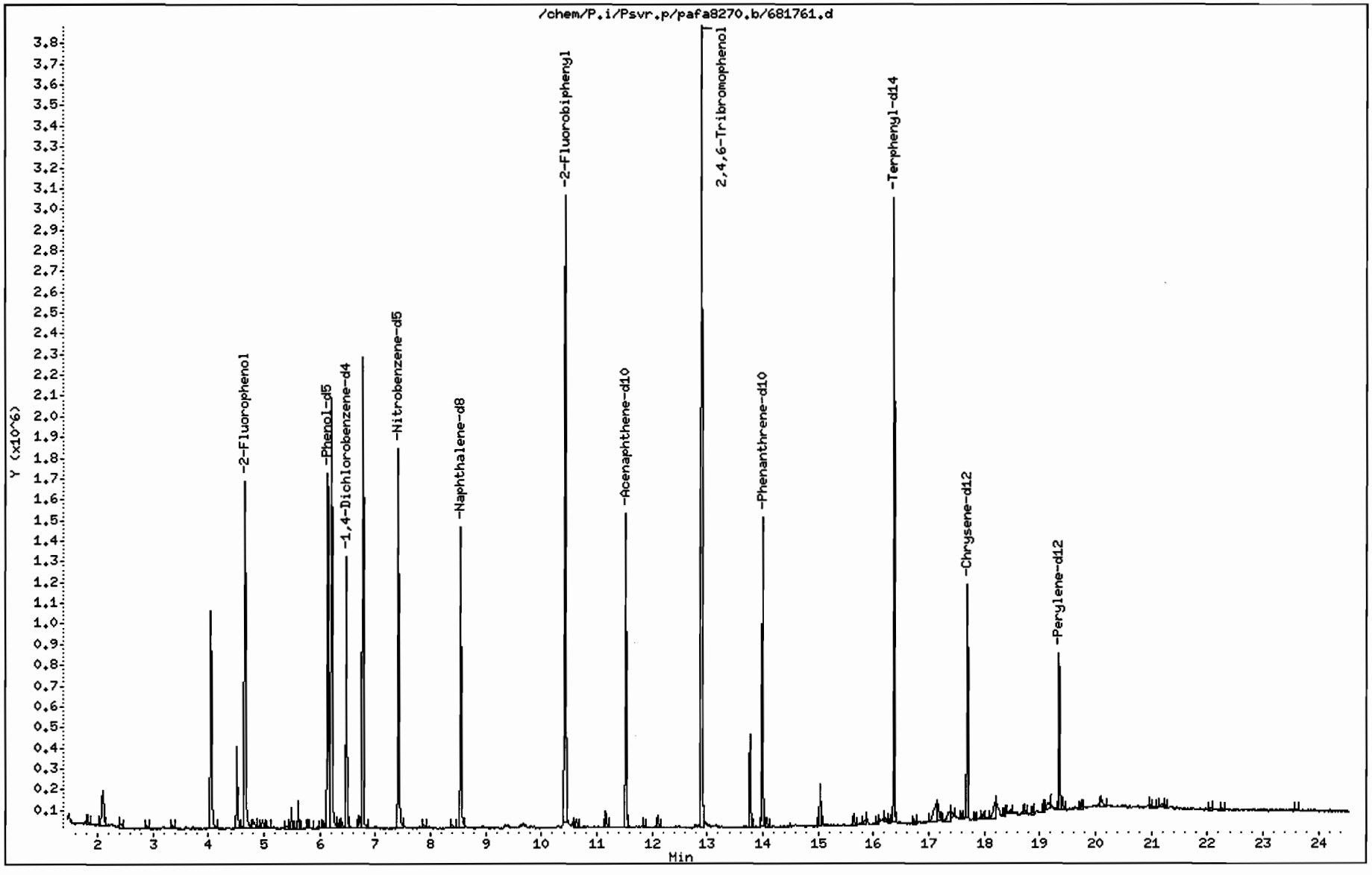
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
73	Chrysene	228	Compound Not Detected.					
74	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
75	Di-n-octylphthalate	149	Compound Not Detected.					
76	Benzo(b)fluoranthene	252	Compound Not Detected.					
77	Benzo(k)fluoranthene	252	Compound Not Detected.					
78	Benzo(a)pyrene	252	Compound Not Detected.					
* 79	Perylene-d12	264	19.348	19.357	(1.000)	355314	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
81	Dibenz(a,h)anthracene	278	Compound Not Detected.					
82	Benzo(g,h,i)perylene	276	Compound Not Detected.					

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/P.i/Psvr.p/pafa8270.b/681761.d
Date : 01-OCT-2006 00:05
Client ID: MW-2DD
Sample Info: MW-2DD :[J09/01/06 @0900(WATER)
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: prp
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681761.d
Lab Smp Id: 681761 Client Smp ID: MW-2DD
Inj Date : 01-OCT-2006 00:05
Operator : prp Inst ID: P.i
Smp Info : MW-2DD :[ ]09/01/06 @0900(WATER)
Misc Info : 681761,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	915.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 10 1,4-Dichlorobenzene-d4	6.479	1731436	20.000
* 61 Phenanthrene-d10	13.991	2191514	20.000

	CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
2-Pentanone, 4-hydroxy-4-methyl-			CAS #: 123-42-2				
4.046	1698547	19.6200936	21	40	NBS75K.l	64274	10

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Tri(2-chloroethyl) phosphate				CAS #: 115-96-8			
13.776	568864	5.19151093	6	87	NBS75K.1	40020	61(L)

QC Flag Legend

L - Operator selected an alternate library search match.

STL Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: P.i
Lab File ID: 681761.d
Lab Smp Id: 681761
Analysis Type: SV
Quant Type: ISTD
Operator: prp
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681761,0188_MBLK090506F,1

Calibration Date: 30-SEP-2006
Calibration Time: 14:02
Client Smp ID: MW-2DD
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	234993	117496	469986	298805	27.15
29 Naphthalene-d8	864971	432486	1729942	1131743	30.84
44 Acenaphthene-d10	443503	221752	887006	573817	29.38
61 Phenanthrene-d10	632401	316200	1264802	806096	27.47
71 Chrysene-d12	556585	278292	1113170	442249	-20.54
79 Perylene-d12	565792	282896	1131584	355314	-37.20

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	6.47	6.14	6.80	6.48	0.18
29 Naphthalene-d8	8.53	8.20	8.86	8.55	0.25
44 Acenaphthene-d10	11.52	11.19	11.85	11.53	0.10
61 Phenanthrene-d10	13.99	13.66	14.32	13.99	0.01
71 Chrysene-d12	17.69	17.36	18.02	17.70	0.01
79 Perylene-d12	19.36	19.03	19.69	19.35	-0.05

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

STL Burlington

RECOVERY REPORT

Client Name: STLCTS
Sample Matrix: LIQUID
Lab Smp Id: 681761
Level: LOW
Data Type: MS DATA
SpikeList File: OLClcs.spk
Sublist File: OLC.sub
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681761,0188_MBLK090506F,1

Client SDG: 213609
Fraction: SV
Client Smp ID: MW-2DD
Operator: prp
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 2 2-Fluorophenol	44	40	91.75	15-121
$ 4 Phenol-d5	44	43	98.86	15-115
$ 20 Nitrobenzene-d5	44	41	94.11	23-120
$ 38 2-Fluorobiphenyl	44	39	89.29	30-115
$ 57 2,4,6-Tribromophen	130	120	88.80	15-130
$ 68 Terphenyl-d14	44	51	115.61	18-140

Data File: /chem/P.i/Psvr.p/pafa8270.b/681761.d

Date : 01-OCT-2006 00:05

Client ID: MW-2DD

Instrument: P.i

Sample Info: MW-2DD :[ ]09/01/06 @0900(WATER)

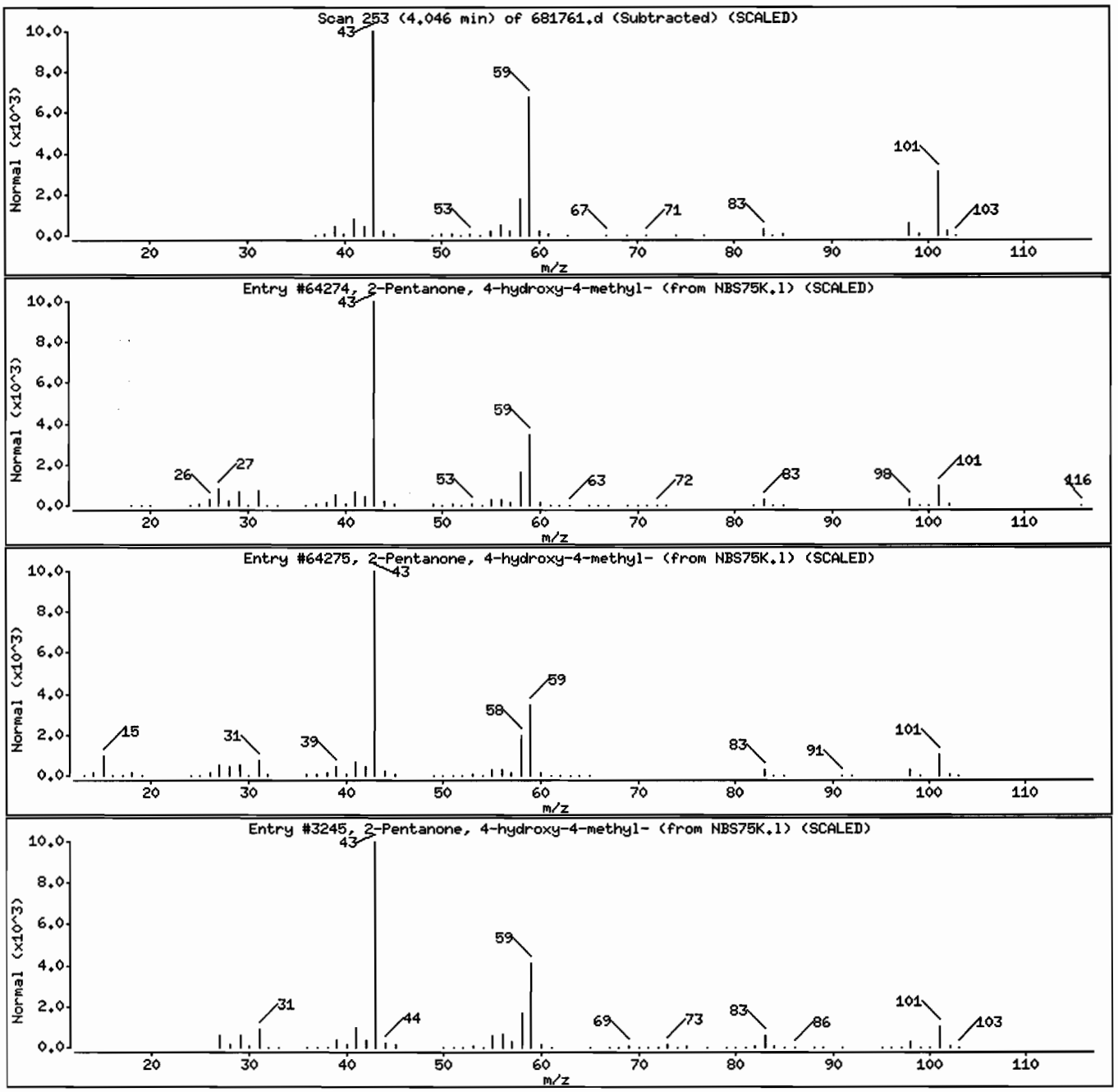
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.1	64274	40	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.1	64275	39	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.1	3245	38	C6H12O2	116



Data File: /chem/P.i/Psvr.p/pafa8270.b/681761.d

Date : 01-OCT-2006 00:05

Client ID: MW-2DD

Instrument: P.i

Sample Info: MW-2DD :[ ]09/01/06 @0900(WATER)

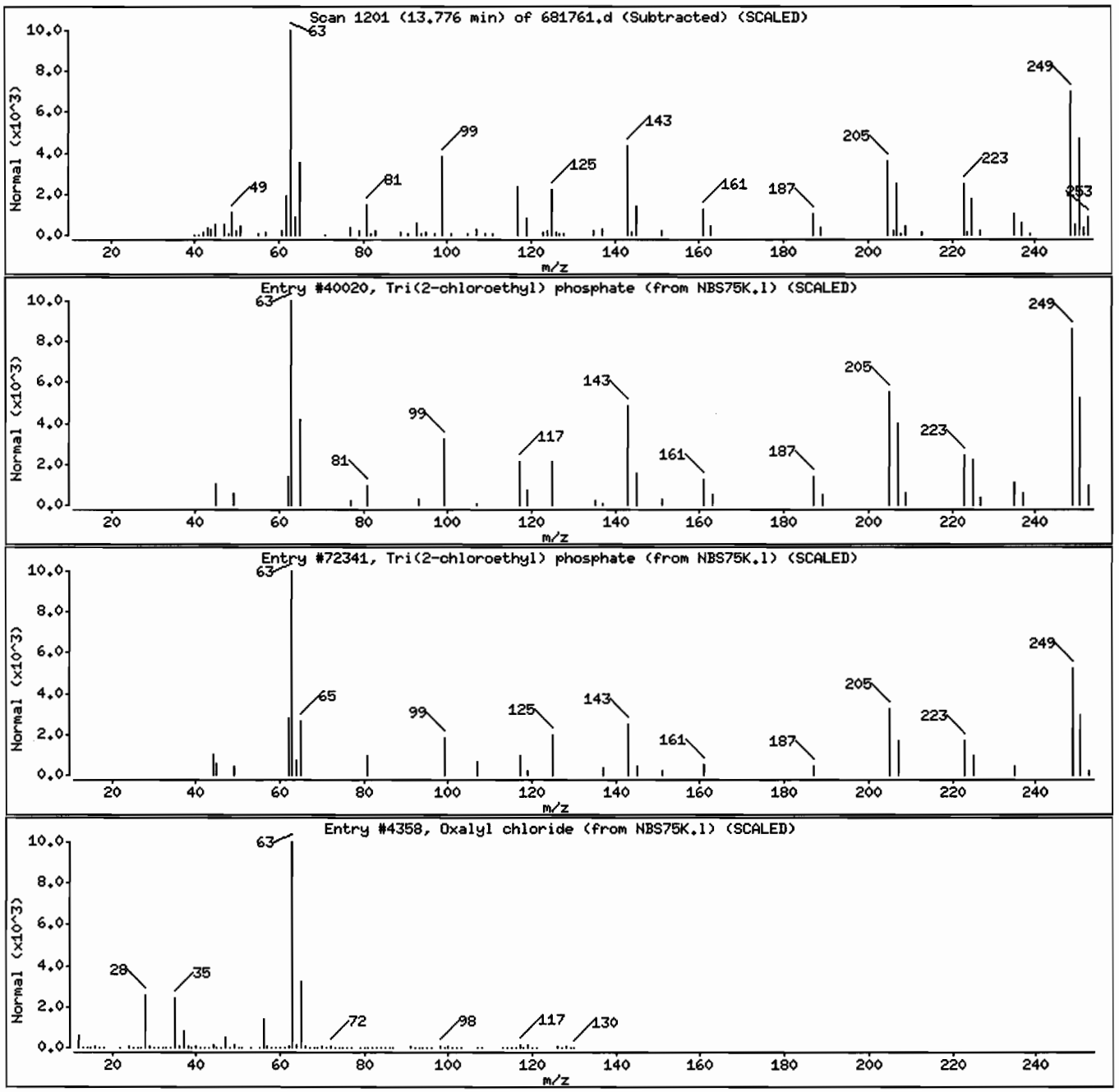
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tri(2-chloroethyl) phosphate	115-96-8	NBS75K.l	40020	87	C6H12Cl3O4P	284
Tri(2-chloroethyl) phosphate	115-96-8	NBS75K.l	72341	72	C6H12Cl3O4P	284
Oxalyl chloride	79-37-8	NBS75K.l	4358	43	C2Cl2O2	126



1LCB

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3D

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681560 Date Received: 09/01/06

Lab File ID: 681560 Date Extracted: 09/03/06

Sample Volume: 875.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
108-95-2	Phenol	6	U
111-44-4	bis(2-Chloroethyl)Ether	6	U
95-57-8	2-Chlorophenol	6	U
108-60-1	2,2'-oxybis(1-Chloropropane)	6	U
95-48-7	2-Methylphenol	6	U
67-72-1	Hexachloroethane	6	U
621-64-7	N-Nitroso-di-n-propylamine	6	U
106-44-5	4-Methylphenol	6	U
98-95-3	Nitrobenzene	6	U
78-59-1	Isophorone	6	U
88-75-5	2-Nitrophenol	6	U
105-67-9	2,4-Dimethylphenol	6	U
111-91-1	bis(2-Chloroethoxy)methane	6	U
120-83-2	2,4-Dichlorophenol	6	U
91-20-3	Naphthalene	6	U
106-47-8	4-Chloroaniline	6	U
87-68-3	Hexachlorobutadiene	6	U
59-50-7	4-Chloro-3-Methylphenol	6	U
91-57-6	2-Methylnaphthalene	6	U
77-47-4	Hexachlorocyclopentadiene	6	U
88-06-2	2,4,6-Trichlorophenol	6	U
95-95-4	2,4,5-Trichlorophenol	23	U
91-58-7	2-Chloronaphthalene	6	U
88-74-4	2-Nitroaniline	23	U
131-11-3	Dimethylphthalate	6	U
208-96-8	Acenaphthylene	6	U
606-20-2	2,6-Dinitrotoluene	6	U
83-32-9	Acenaphthene	6	U
99-09-2	3-Nitroaniline	23	U

1LCC

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3D

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681560 Date Received: 09/01/06

Lab File ID: 681560 Date Extracted: 09/03/06

Sample Volume: 875.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
51-28-5	2,4-Dinitrophenol	23	U
132-64-9	Dibenzofuran	6	U
100-02-7	4-Nitrophenol	23	U
121-14-2	2,4-Dinitrotoluene	6	U
86-73-7	Fluorene	6	U
84-66-2	Diethylphthalate	6	U
7005-72-3	4-Chlorophenyl-phenylether	6	U
100-01-6	4-Nitroaniline	23	U
534-52-1	4,6-Dinitro-2-methylphenol	23	U
86-30-6	N-nitrosodiphenylamine (1)	6	U
101-55-3	4-Bromophenyl-phenylether	6	U
118-74-1	Hexachlorobenzene	6	U
87-86-5	Pentachlorophenol	23	U
85-01-8	Phenanthrene	6	U
120-12-7	Anthracene	6	U
84-74-2	Di-n-butylphthalate	6	U
206-44-0	Fluoranthene	6	U
129-00-0	Pyrene	6	U
85-68-7	Butylbenzylphthalate	6	U
56-55-3	Benzo(a)anthracene	6	U
91-94-1	3,3'-Dichlorobenzidine	6	U
218-01-9	Chrysene	6	U
117-81-7	bis(2-Ethylhexyl)phthalate	6	U
117-84-0	Di-n-octylphthalate	6	U
205-99-2	Benzo(b)fluoranthene	6	U
207-08-9	Benzo(k)fluoranthene	6	U
50-32-8	Benzo(a)pyrene	6	U
193-39-5	Indeno(1,2,3-cd)pyrene	6	U
53-70-3	Dibenz(a,h)anthracene	6	U
191-24-2	Benzo(g,h,i)perylene	6	U

(1) - Cannot be separated from Diphenylamine

1LCF

EPA SAMPLE NO.

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW-3D

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681560 Date Received: 09/01/06

Lab File ID: 681560 Date Extracted: 09/03/06

Sample Volume: 875.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

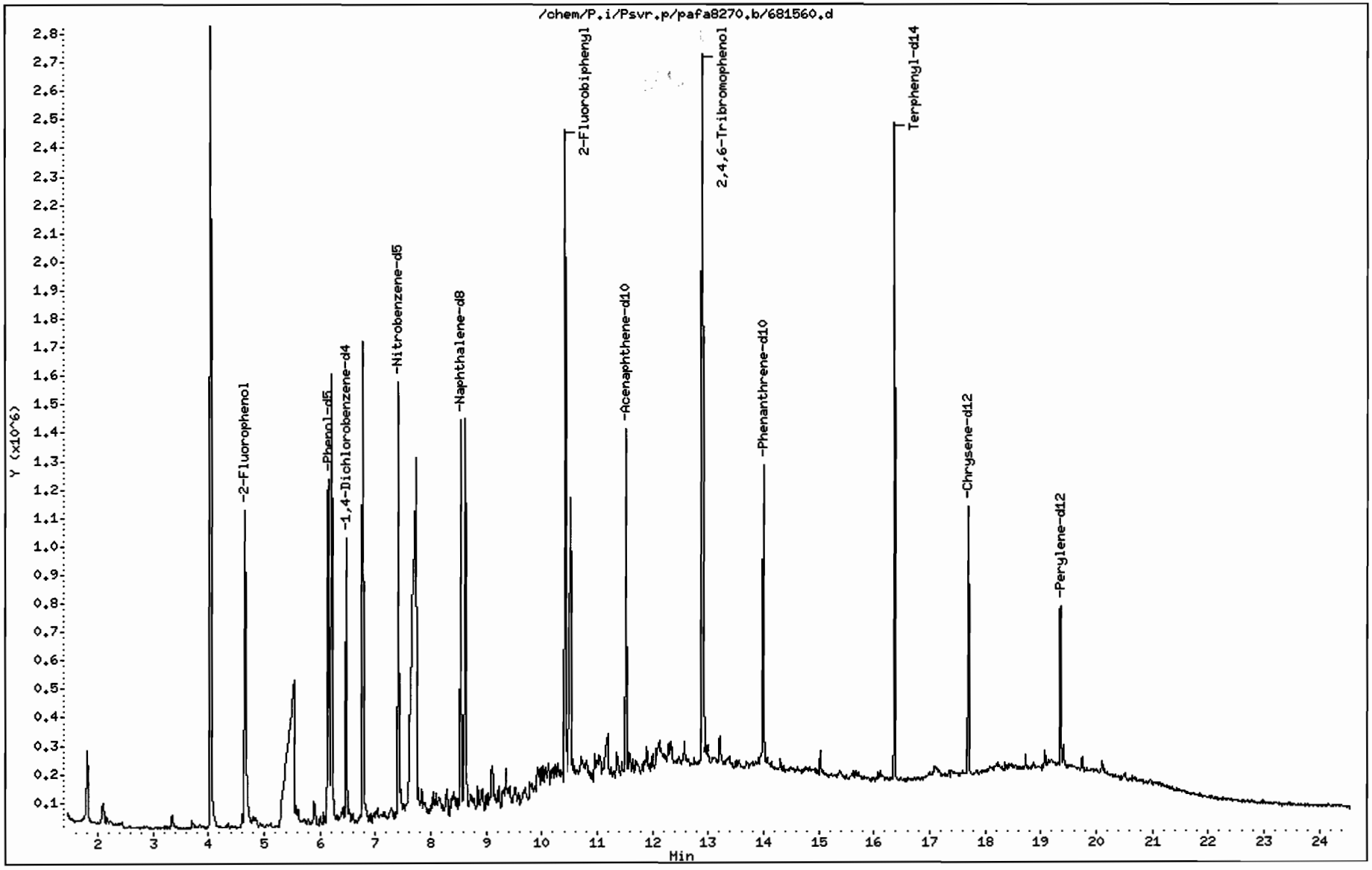
Injection Volume: 1 (uL)

Number TICs found: 5

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC. (ug/L)	Q
1.	123-42-2	2-PENTANONE, 4-HYDROXY-4-MET	4.05	80	NJAB
2.		UNKNOWN ALIPHATIC COMPOUND	5.54	68	J
3.	7397-62-8	BUTYL GLYCOLATE	7.74	84	NJ
4.		UNKNOWN ALIPHATIC COMPOUND	8.62	24	J
5.		UNKNOWN ALIPHATIC COMPOUND	10.51	30	J
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: /chem/P.i/Psvr.p/pafa8270.b/681560.d
Date : 30-SEP-2006 16:18
Client ID: MW-3D
Sample Info: MW-3D :[ ]08/29/06 @1525(WATER)
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: prp
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681560.d
Lab Smp Id: 681560 Client Smp ID: MW-3D
Inj Date : 30-SEP-2006 16:18
Operator : prp Inst ID: P.i
Smp Info : MW-3D :[ ]08/29/06 @1525(WATER)
Misc Info : 681560,0188_MBLK090306D,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	875.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
$	2	2-Fluorophenol	112	4.663	4.630	(0.721)	694678	35.6361	41
$	4	Phenol-d5	99	6.151	6.118	(0.951)	902533	37.8488	43
	5	Phenol	94	Compound Not Detected.					
	6	bis(2-Chloroethyl)Ether	93	Compound Not Detected.					
	8	2-Chlorophenol	128	Compound Not Detected.					
*	10	1,4-Dichlorobenzene-d4	152	6.469	6.467	(1.000)	241833	20.0000	
	15	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	16	2-Methylphenol	108	Compound Not Detected.					
	17	Hexachloroethane	116	Compound Not Detected.					
	18	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	19	4-Methylphenol	108	Compound Not Detected.					
$	20	Nitrobenzene-d5	82	7.413	7.401	(0.868)	680670	36.6739	42
	21	Nitrobenzene	77	Compound Not Detected.					

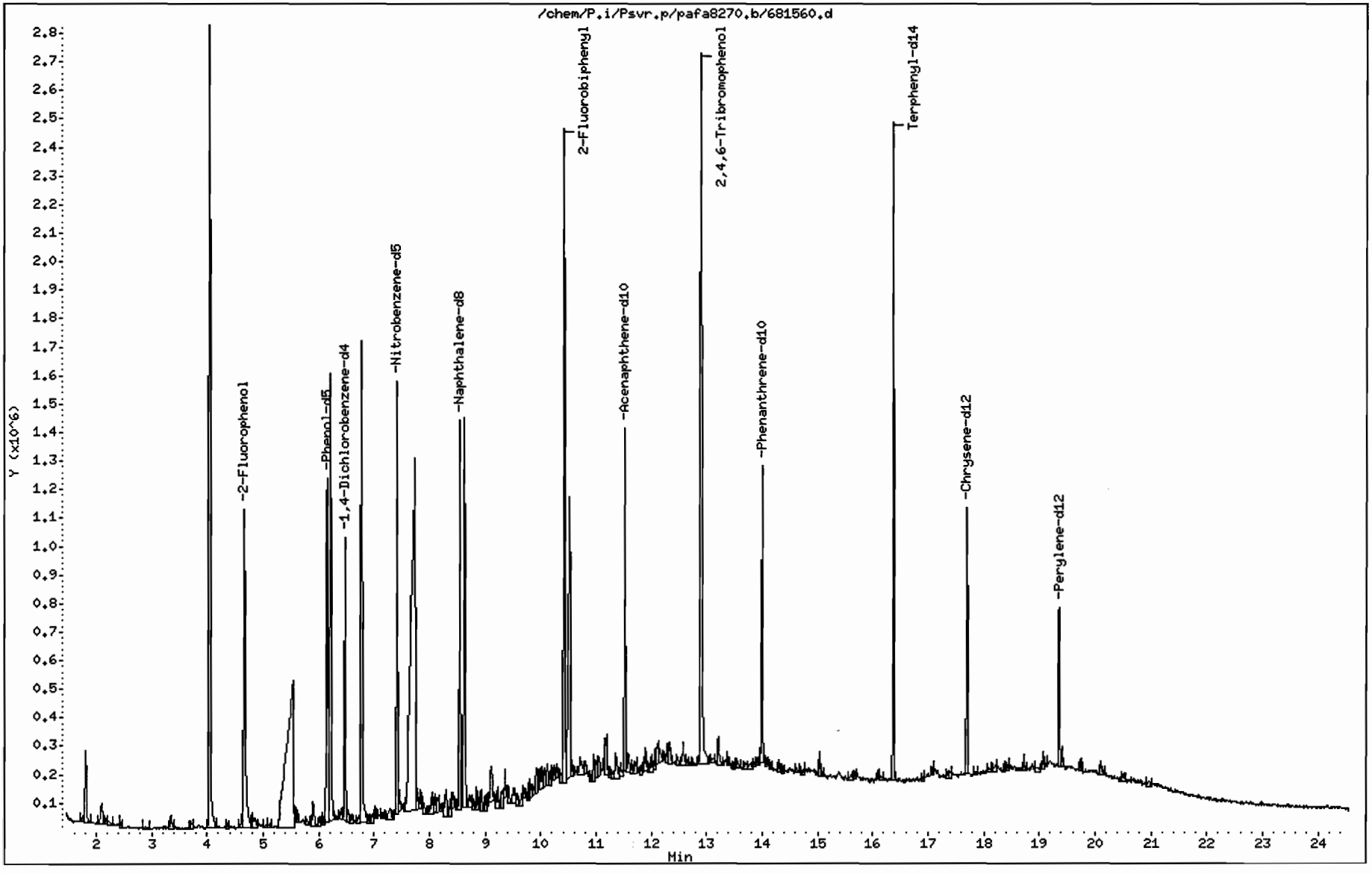
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	22 Isophorone	82	Compound Not Detected.					
	23 2-Nitrophenol	139	Compound Not Detected.					
	24 2,4-Dimethylphenol	107	Compound Not Detected.					
	25 bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	26 2,4-Dichlorophenol	162	Compound Not Detected.					
*	29 Naphthalene-d8	136	8.542	8.530	(1.000)	856423	20.0000	
	30 Naphthalene	128	Compound Not Detected.					
	31 4-Chloroaniline	127	Compound Not Detected.					
	32 Hexachlorobutadiene	224	Compound Not Detected.					
	33 4-Chloro-3-Methylphenol	107	Compound Not Detected.					
	34 2-Methylnaphthalene	142	Compound Not Detected.					
	35 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	36 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	37 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	38 2-Fluorobiphenyl	172	10.420	10.418	(0.905)	1012405	35.9535	41
	39 2-Chloronaphthalene	162	Compound Not Detected.					
	40 2-Nitroaniline	65	Compound Not Detected.					
	42 Acenaphthylene	152	Compound Not Detected.					
	41 Dimethylphthalate	163	Compound Not Detected.					
	43 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	44 Acenaphthene-d10	164	11.518	11.516	(1.000)	398466	20.0000	
	45 Acenaphthene	153	Compound Not Detected.					
	46 3-Nitroaniline	138	Compound Not Detected.					
	47 2,4-Dinitrophenol	184	Compound Not Detected.					
	48 Dibenzofuran	168	Compound Not Detected.					
	49 4-Nitrophenol	109	Compound Not Detected.					
	50 2,4-Dinitrotoluene	165	Compound Not Detected.					
	51 Fluorene	166	Compound Not Detected.					
	52 Diethylphthalate	149	Compound Not Detected.					
	53 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	54 4-Nitroaniline	138	Compound Not Detected.					
	55 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	56 N-nitrosodiphenylamine	169	Compound Not Detected.					
$	57 2,4,6-Tribromophenol	330	12.904	12.892	(0.922)	487367	116.006	130(A)
	58 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	59 Hexachlorobenzene	283	Compound Not Detected.					
	60 Pentachlorophenol	265	Compound Not Detected.					
*	61 Phenanthrene-d10	188	13.992	13.990	(1.000)	539181	20.0000	
	62 Phenanthrene	178	Compound Not Detected.					
	63 Anthracene	178	Compound Not Detected.					
	65 Di-n-butylphthalate	149	Compound Not Detected.					
	66 Fluoranthene	202	Compound Not Detected.					
	67 Pyrene	202	Compound Not Detected.					
$	68 Terphenyl-d14	244	16.373	16.361	(0.925)	823356	41.1307	47
	69 Butylbenzylphthalate	149	Compound Not Detected.					
	70 Benzo(a)anthracene	228	Compound Not Detected.					
*	71 Chrysene-d12	240	17.697	17.695	(1.000)	366166	20.0000	
	72 3,3'-Dichlorobenzidine	252	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
73	Chrysene	228	Compound Not Detected.					
74	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
75	Di-n-octylphthalate	149	Compound Not Detected.					
76	Benzo(b)fluoranthene	252	Compound Not Detected.					
77	Benzo(k)fluoranthene	252	Compound Not Detected.					
78	Benzo(a)pyrene	252	Compound Not Detected.					
* 79	Perylene-d12	264	19.359	19.357	(1.000)	281692	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
81	Dibenz(a,h)anthracene	278	Compound Not Detected.					
82	Benzo(g,h,i)perylene	276	Compound Not Detected.					

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/P.i/Psvr.p/pafa8270.b/681560.d
Date : 30-SEP-2006 16:18
Client ID: MW-3D
Instrument: P.i
Sample Info: MW-3D :[ ]08/29/06 @1525(WATER)
Volume Injected (uL): 1.0
Operator: prp
Column phase: RTx-5
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681560.d
Lab Smp Id: 681560 Client Smp ID: MW-3D
Inj Date : 30-SEP-2006 16:18
Operator : prp Inst ID: P.i
Smp Info : MW-3D :[ ]08/29/06 @1525(WATER)
Misc Info : 681560,0188_MBLK090306D,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	875.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 10 1,4-Dichlorobenzene-d4	6.469	1443612	20.000
* 29 Naphthalene-d8	8.542	1799978	20.000
* 44 Acenaphthene-d10	11.518	1607633	20.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
2-Pentanone, 4-hydroxy-4-methyl-			CAS #: 123-42-2				
4.047	5021141	69.5635726	80	50	NBS75K.1	64274	10

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Unknown aliphatic compound					CAS #:		
5.535	4283221	59.3403293	68	0		0	10(L)
Butyl glycolate					CAS #: 7397-62-8		
7.742	6609938	73.4446361	84	28	NBS75K.l	5803	29(L)
Unknown aliphatic compound					CAS #:		
8.624	1858299	20.6480141	24	0		0	29
Unknown aliphatic compound					CAS #:		
10.513	2105050	26.1881864	30	0		0	44

QC Flag Legend

L - Operator selected an alternate library search match.

STL Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: P.i
Lab File ID: 681560.d
Lab Smp Id: 681560
Analysis Type: SV
Quant Type: ISTD
Operator: prp
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681560,0188_MBLK090306D,1

Calibration Date: 30-SEP-2006
Calibration Time: 14:02
Client Smp ID: MW-3D
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF	
10 1,4-Dichlorobenze	234993	117496	469986	241833	2.91	
29 Naphthalene-d8	864971	432486	1729942	856423	-0.99	
44 Acenaphthene-d10	443503	221752	887006	398466	-10.15	
61 Phenanthrene-d10	632401	316200	1264802	539181	-14.74	
71 Chrysene-d12	556585	278292	1113170	366166	-34.21	
79 Perylene-d12	565792	282896	1131584	281692	-50.21	<

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	6.47	6.14	6.80	6.47	0.03
29 Naphthalene-d8	8.53	8.20	8.86	8.54	0.14
44 Acenaphthene-d10	11.52	11.19	11.85	11.52	0.02
61 Phenanthrene-d10	13.99	13.66	14.32	13.99	0.01
71 Chrysene-d12	17.69	17.36	18.02	17.70	0.01
79 Perylene-d12	19.36	19.03	19.69	19.36	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

STL Burlington

RECOVERY REPORT

Client Name: STLCTS
Client SDG: 213609
Sample Matrix: LIQUID
Fraction: SV
Lab Smp Id: 681560
Client Smp ID: MW-3D
Level: LOW
Operator: prp
Data Type: MS DATA
SampleType: SAMPLE
SpikeList File: OLClcs.spk
Quant Type: ISTD
Sublist File: OLC.sub
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681560,0188_MBLK090306D,1

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 2 2-Fluorophenol	46	41	89.09	15-121
$ 4 Phenol-d5	46	43	94.62	15-115
$ 20 Nitrobenzene-d5	46	42	91.68	23-120
$ 38 2-Fluorobiphenyl	46	41	89.88	30-115
$ 57 2,4,6-Tribromophen	140	130	96.67	15-130
$ 68 Terphenyl-d14	46	47	102.83	18-140

Data File: /chem/P.i/Psvr.p/pafa8270.b/681560.d

Date : 30-SEP-2006 16:18

Client ID: MW-3D

Instrument: P.i

Sample Info: MW-3D :[ ]08/29/06 @1525(WATER)

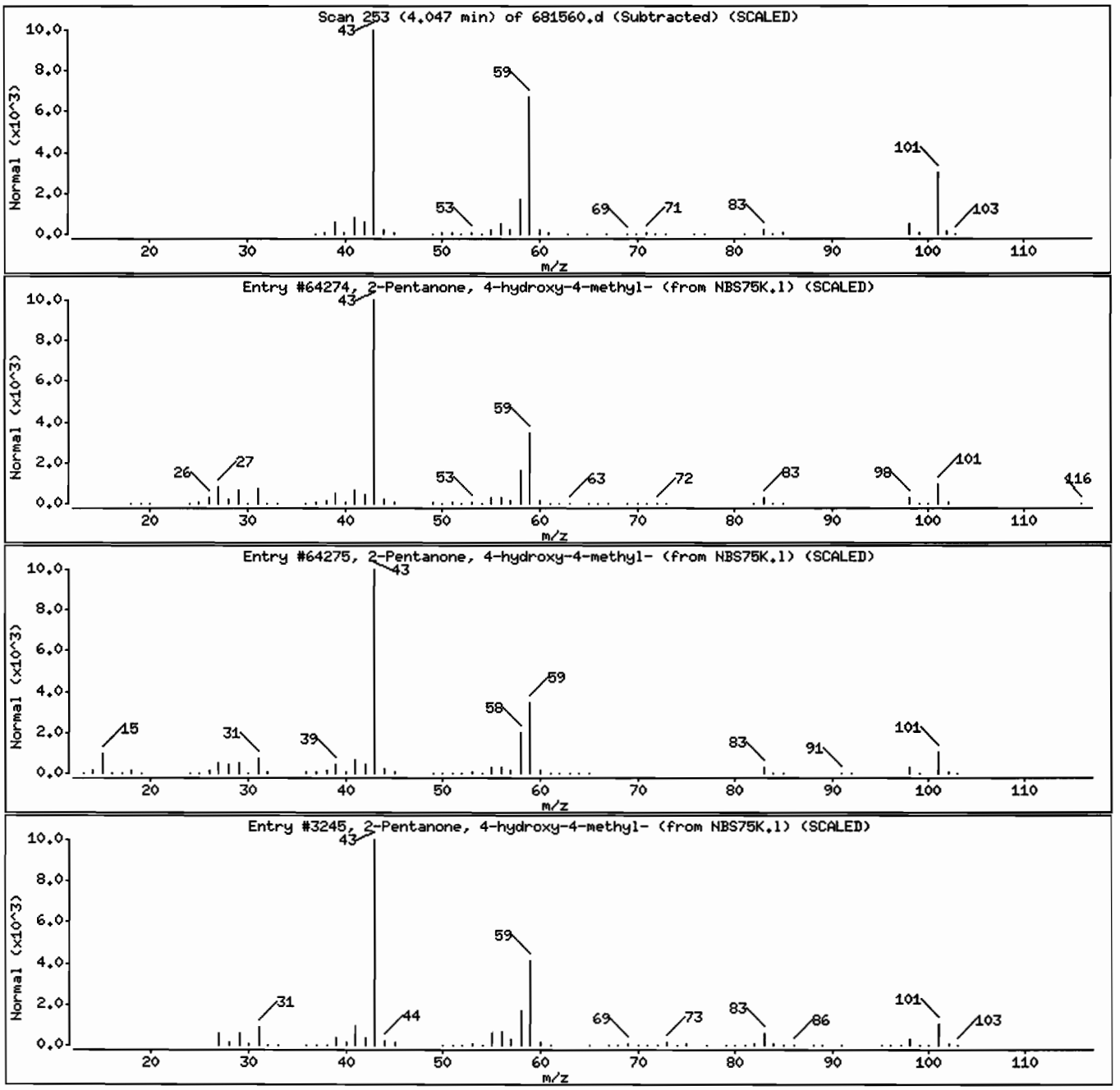
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64274	50	C6H1202	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64275	40	C6H1202	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	3245	33	C6H1202	116



Data File: /chem/P.i/Psvr.p/pafa8270.b/681560.d

Date : 30-SEP-2006 16:18

Client ID: MW-3D

Instrument: P.i

Sample Info: MW-3D :[ ]08/29/06 @1525(WATER)

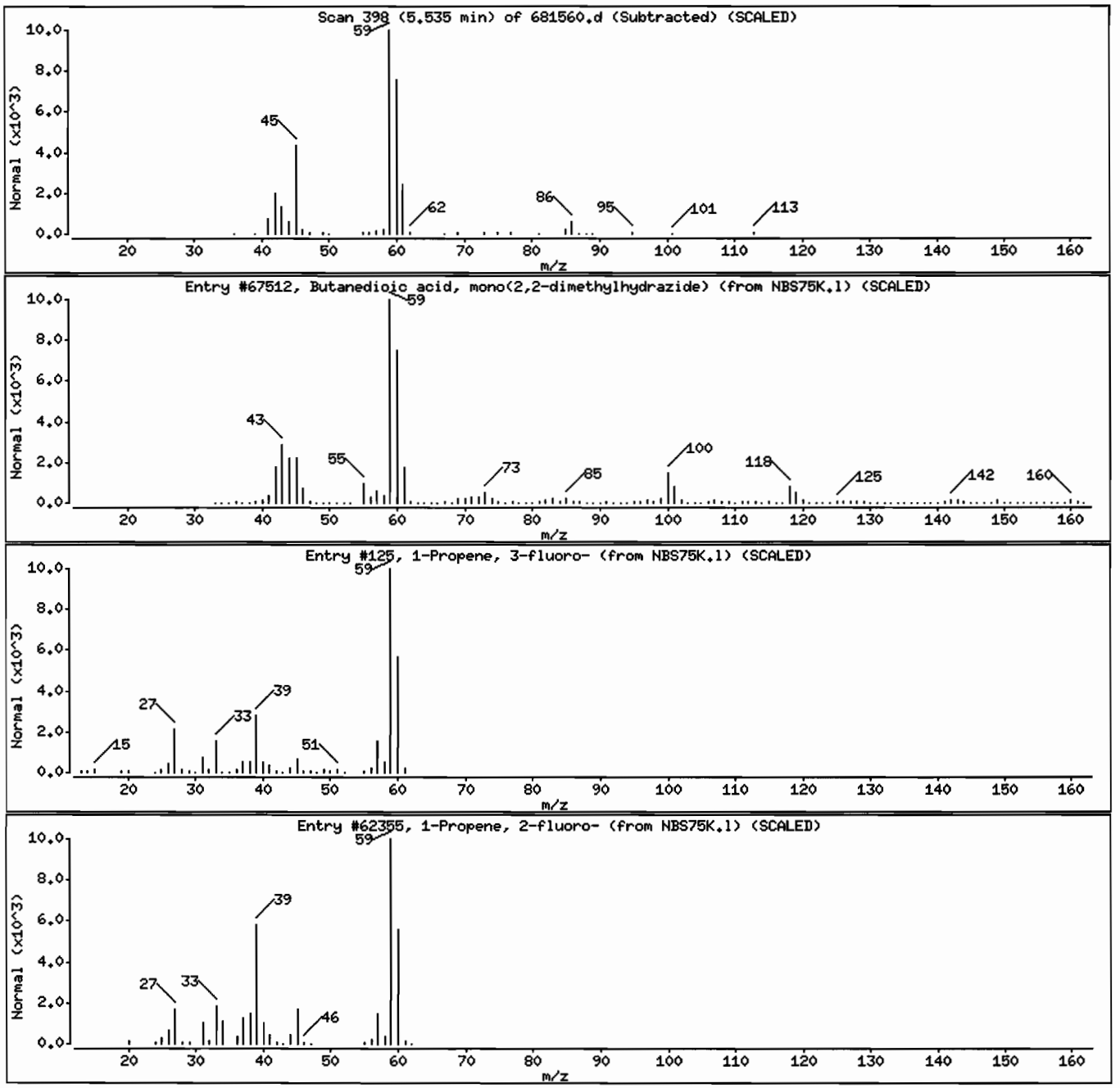
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown aliphatic compound						
Butanedioic acid, mono(2,2-dimethylhydra	1596-84-5	NBS75K.l	67512	39	C6H12N2O3	160
1-Propene, 3-fluoro-	818-92-8	NBS75K.l	125	9	C3H5F	60
1-Propene, 2-fluoro-	1184-60-7	NBS75K.l	62355	9	C3H5F	60



Data File: /chem/P.i/Psvr.p/pafa8270.b/681560.d

Date : 30-SEP-2006 16:18

Client ID: MW-3D

Instrument: P.i

Sample Info: MW-3D :[ ]08/29/06 @1525(WATER)

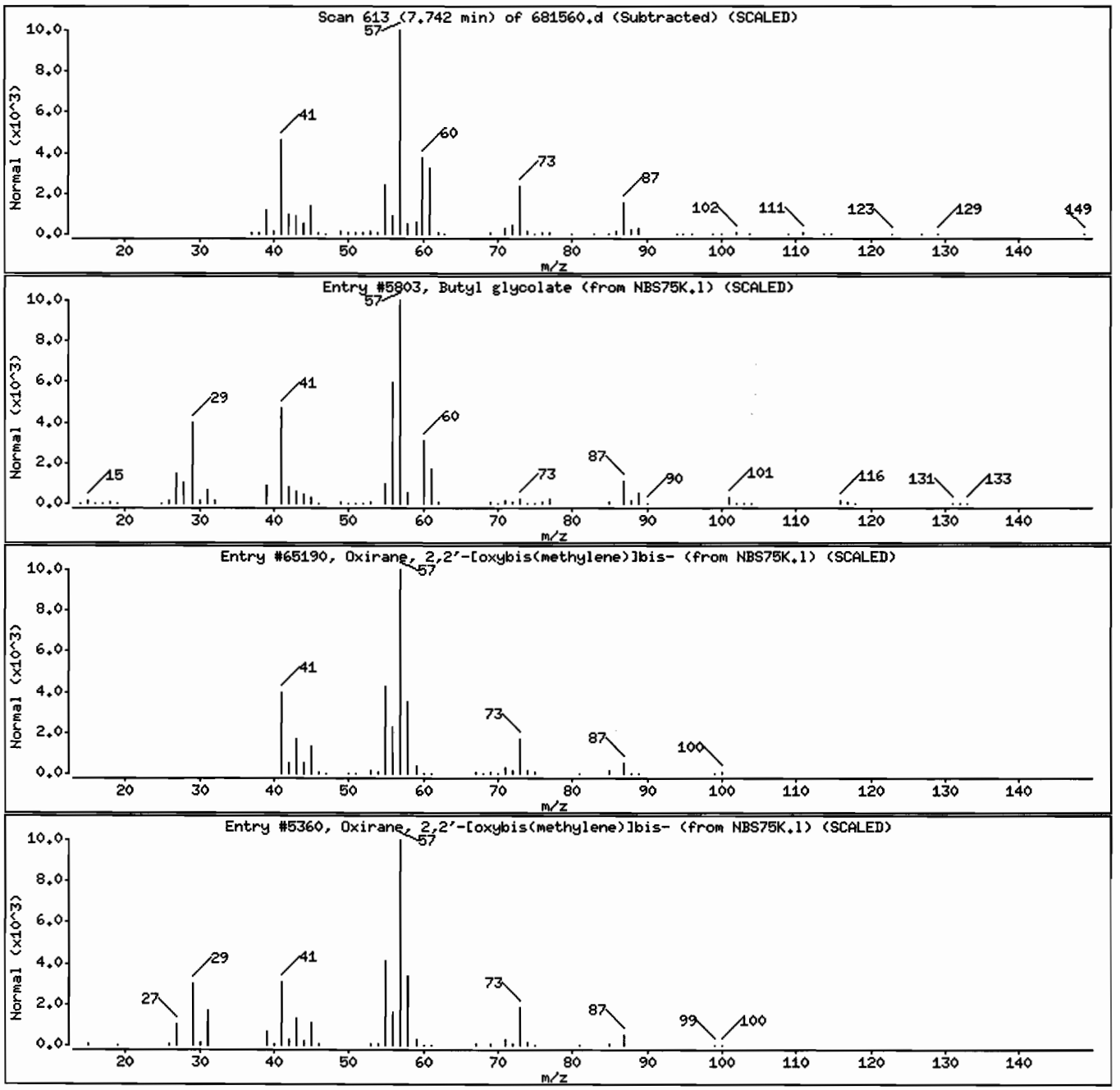
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Butyl glycolate	7397-62-8	NBS75K.l	5803	28	C6H12O3	132
Oxirane, 2,2'-[oxybis(methylene)]bis-	2238-07-5	NBS75K.l	65190	38	C6H10O3	130
Oxirane, 2,2'-[oxybis(methylene)]bis-	2238-07-5	NBS75K.l	5360	17	C6H10O3	130



Data File: /chem/P.i/Psvr.p/pafa8270.b/681560.d

Date : 30-SEP-2006 16:18

Client ID: MW-3D

Instrument: P.i

Sample Info: MW-3D :[ ]08/29/06 @1525(WATER)

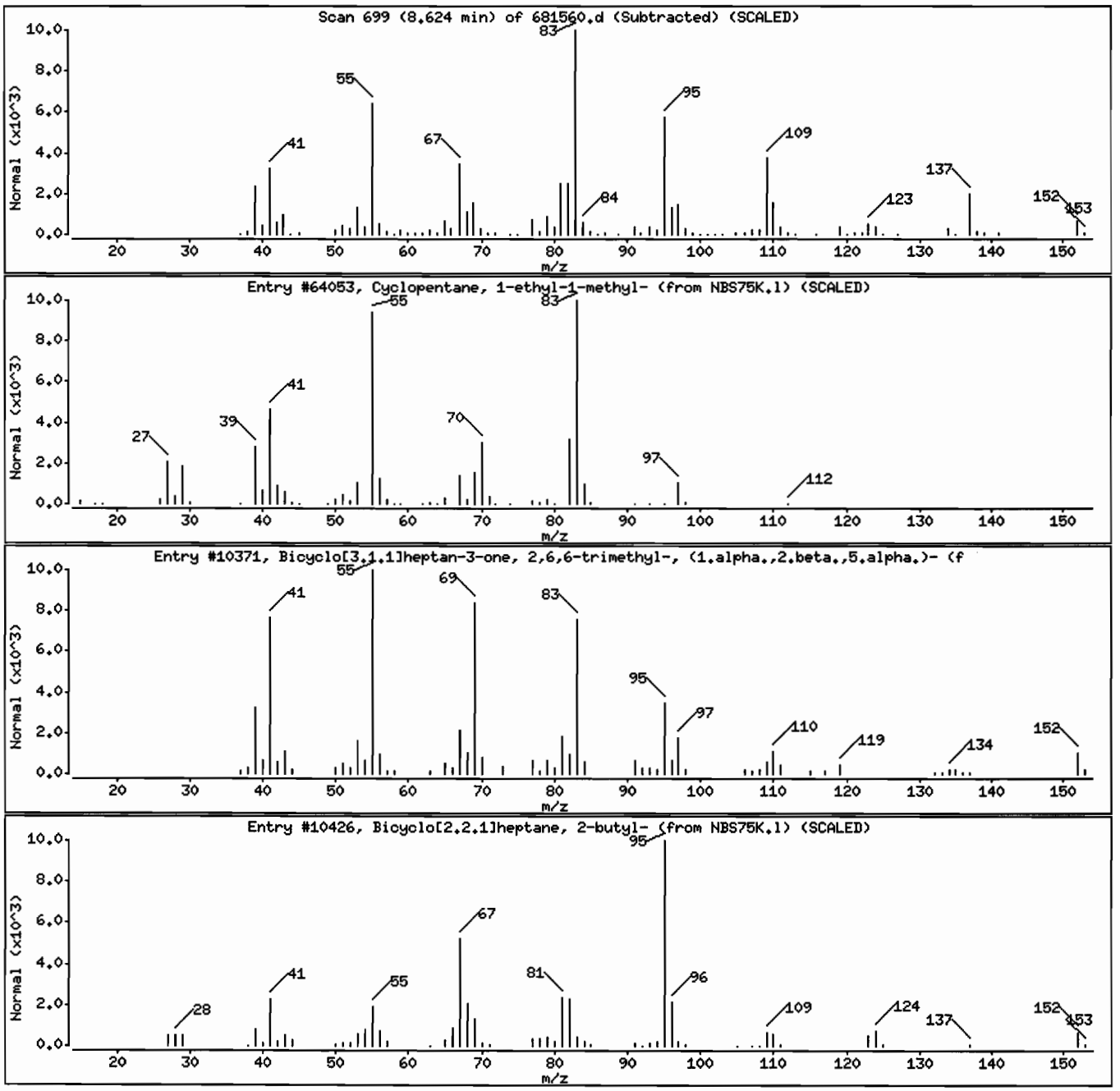
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown aliphatic compound						
Cyclopentane, 1-ethyl-1-methyl-	16747-50-5	NBS75K.l	64053	38	C8H16	112
Bicyclo[3.1.1]heptan-3-one, 2,6,6-trimet	15358-88-0	NBS75K.l	10371	35	C10H160	152
Bicyclo[2.2.1]heptane, 2-butyl-	61177-16-0	NBS75K.l	10426	30	C11H20	152



Data File: /chem/P.i/Psvr.p/pafa8270.b/681560.d

Date : 30-SEP-2006 16:18

Client ID: MW-3D

Instrument: P.i

Sample Info: MW-3D :[ ]08/29/06 @1525(WATER)

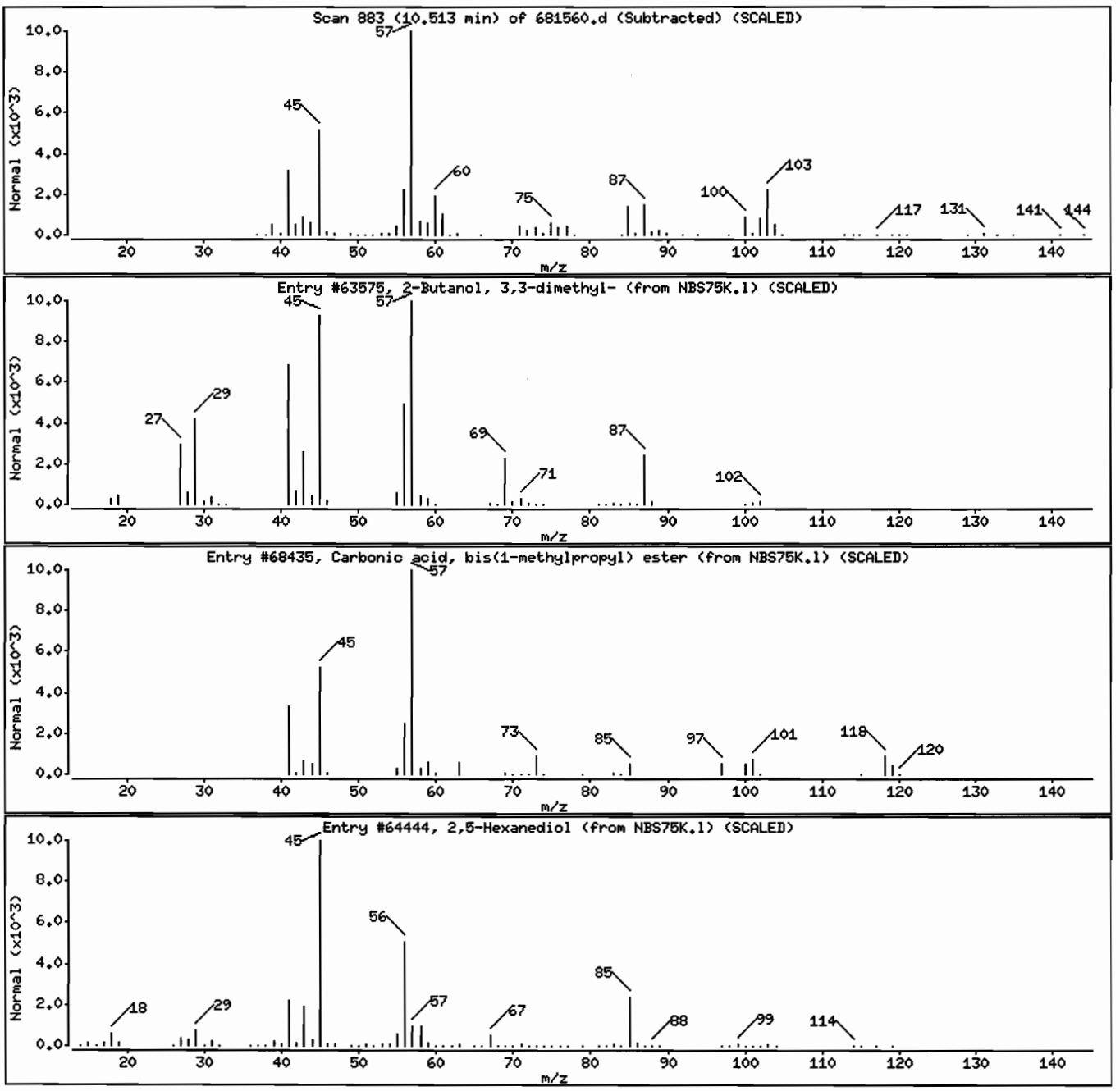
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown aliphatic compound						
2-Butanol, 3,3-dimethyl-	464-07-3	NBS75K.l	63575	38	C6H140	102
Carbonic acid, bis(1-methylpropyl) ester	623-63-2	NBS75K.l	68435	37	C9H1803	174
2,5-Hexanediol	2935-44-6	NBS75K.l	64444	32	C6H1402	118



1LCB

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3DD

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681559 Date Received: 09/01/06

Lab File ID: 681559 Date Extracted: 09/03/06

Sample Volume: 910.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)Ether	5	U
95-57-8	2-Chlorophenol	5	U
108-60-1	2,2'-oxybis(1-Chloropropane)	5	U
95-48-7	2-Methylphenol	5	U
67-72-1	Hexachloroethane	5	U
621-64-7	N-Nitroso-di-n-propylamine	5	U
106-44-5	4-Methylphenol	5	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	5	U
88-75-5	2-Nitrophenol	5	U
105-67-9	2,4-Dimethylphenol	5	U
111-91-1	bis(2-Chloroethoxy)methane	5	U
120-83-2	2,4-Dichlorophenol	5	U
91-20-3	Naphthalene	5	U
106-47-8	4-Chloroaniline	5	U
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-Methylphenol	5	U
91-57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2,4,6-Trichlorophenol	5	U
95-95-4	2,4,5-Trichlorophenol	22	U
91-58-7	2-Chloronaphthalene	5	U
88-74-4	2-Nitroaniline	22	U
131-11-3	Dimethylphthalate	5	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	5	U
83-32-9	Acenaphthene	5	U
99-09-2	3-Nitroaniline	22	U

1LCC

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3DD

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681559 Date Received: 09/01/06

Lab File ID: 681559 Date Extracted: 09/03/06

Sample Volume: 910.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
51-28-5	2,4-Dinitrophenol	22	U
132-64-9	Dibenzofuran	5	U
100-02-7	4-Nitrophenol	22	U
121-14-2	2,4-Dinitrotoluene	5	U
86-73-7	Fluorene	5	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
100-01-6	4-Nitroaniline	22	U
534-52-1	4,6-Dinitro-2-methylphenol	22	U
86-30-6	N-nitrosodiphenylamine (1)	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-5	Pentachlorophenol	22	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
56-55-3	Benzo(a)anthracene	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)phthalate	5	U
117-84-0	Di-n-octylphthalate	5	U
205-99-2	Benzo(b)fluoranthene	5	U
207-08-9	Benzo(k)fluoranthene	5	U
50-32-8	Benzo(a)pyrene	5	U
193-39-5	Indeno(1,2,3-cd)pyrene	5	U
53-70-3	Dibenz(a,h)anthracene	5	U
191-24-2	Benzo(g,h,i)perylene	5	U

(1) - Cannot be separated from Diphenylamine

1LCF

EPA SAMPLE NO.

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW-3DD

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681559 Date Received: 09/01/06

Lab File ID: 681559 Date Extracted: 09/03/06

Sample Volume: 910.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

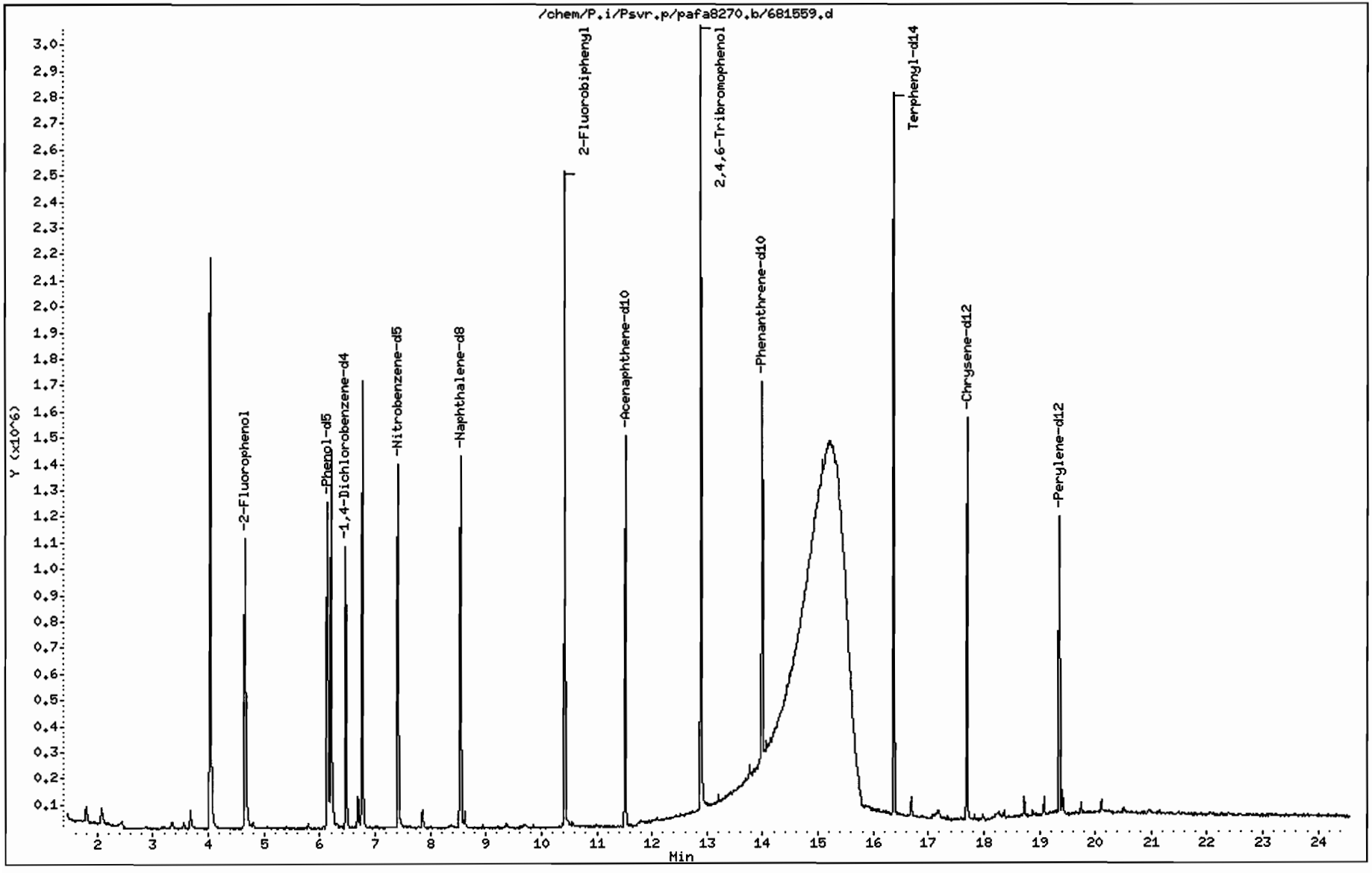
Injection Volume: 1 (uL)

Number TICs found: 2

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC. (ug/L)	Q
1.	123-42-2	2-PENTANONE, 4-HYDROXY-4-MET	4.04	55	NJAB
2.	10544-50-0	SULFUR, MOL. (S8)	15.20	850	NJ
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: /chem/P.i/Psvr.p/pafa8270.b/681559.d
Date : 30-SEP-2006 15:44
Client ID: MW-3DD
Sample Info: MW-3DD :[ ]08/29/06 @1220(WATER)
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: prp
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681559.d
Lab Smp Id: 681559 Client Smp ID: MW-3DD
Inj Date : 30-SEP-2006 15:44
Operator : prp Inst ID: P.i
Smp Info : MW-3DD :[ ]08/29/06 @1220(WATER)
Misc Info : 681559,0188_MBLK090306D,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	910.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
$	2	2-Fluorophenol	112	4.653	4.630	(0.719)	639076	32.4914	36
$	4	Phenol-d5	99	6.131	6.118	(0.948)	854297	35.5065	39
	5	Phenol	94	Compound Not Detected.					
	6	bis(2-Chloroethyl)Ether	93	Compound Not Detected.					
	8	2-Chlorophenol	128	Compound Not Detected.					
*	10	1,4-Dichlorobenzene-d4	152	6.470	6.467	(1.000)	244009	20.0000	
	15	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	16	2-Methylphenol	108	Compound Not Detected.					
	17	Hexachloroethane	116	Compound Not Detected.					
	18	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	19	4-Methylphenol	108	Compound Not Detected.					
$	20	Nitrobenzene-d5	82	7.414	7.401	(0.868)	675270	33.8017	37
	21	Nitrobenzene	77	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	22 Isophorone	82	Compound Not Detected.					
	23 2-Nitrophenol	139	Compound Not Detected.					
	24 2,4-Dimethylphenol	107	Compound Not Detected.					
	25 bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	26 2,4-Dichlorophenol	162	Compound Not Detected.					
*	29 Naphthalene-d8	136	8.543	8.530	(1.000)	921823	20.0000	
	30 Naphthalene	128	Compound Not Detected.					
	31 4-Chloroaniline	127	Compound Not Detected.					
	32 Hexachlorobutadiene	224	Compound Not Detected.					
	33 4-Chloro-3-Methylphenol	107	Compound Not Detected.					
	34 2-Methylnaphthalene	142	Compound Not Detected.					
	35 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	36 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	37 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	38 2-Fluorobiphenyl	172	10.421	10.418	(0.905)	1062646	31.9991	35
	39 2-Chloronaphthalene	162	Compound Not Detected.					
	40 2-Nitroaniline	65	Compound Not Detected.					
	42 Acenaphthylene	152	Compound Not Detected.					
	41 Dimethylphthalate	163	Compound Not Detected.					
	43 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	44 Acenaphthene-d10	164	11.519	11.516	(1.000)	469925	20.0000	
	45 Acenaphthene	153	Compound Not Detected.					
	46 3-Nitroaniline	138	Compound Not Detected.					
	47 2,4-Dinitrophenol	184	Compound Not Detected.					
	48 Dibenzofuran	168	Compound Not Detected.					
	49 4-Nitrophenol	109	Compound Not Detected.					
	50 2,4-Dinitrotoluene	165	Compound Not Detected.					
	51 Fluorene	166	Compound Not Detected.					
	52 Diethylphthalate	149	Compound Not Detected.					
	53 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	54 4-Nitroaniline	138	Compound Not Detected.					
	55 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	56 N-nitrosodiphenylamine	169	Compound Not Detected.					
$	57 2,4,6-Tribromophenol	330	12.895	12.892	(0.922)	517820	95.3806	100(A)
	58 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	59 Hexachlorobenzene	283	Compound Not Detected.					
	60 Pentachlorophenol	265	Compound Not Detected.					
*	61 Phenanthrene-d10	188	13.993	13.990	(1.000)	696752	20.0000	
	62 Phenanthrene	178	Compound Not Detected.					
	63 Anthracene	178	Compound Not Detected.					
	65 Di-n-butylphthalate	149	Compound Not Detected.					
	66 Fluoranthene	202	Compound Not Detected.					
	67 Pyrene	202	Compound Not Detected.					
$	68 Terphenyl-d14	244	16.374	16.361	(0.925)	1089455	30.9720	34
	69 Butylbenzylphthalate	149	Compound Not Detected.					
	70 Benzo(a)anthracene	228	Compound Not Detected.					
*	71 Chrysene-d12	240	17.698	17.695	(1.000)	643423	20.0000	
	72 3,3'-Dichlorobenzidine	252	Compound Not Detected.					

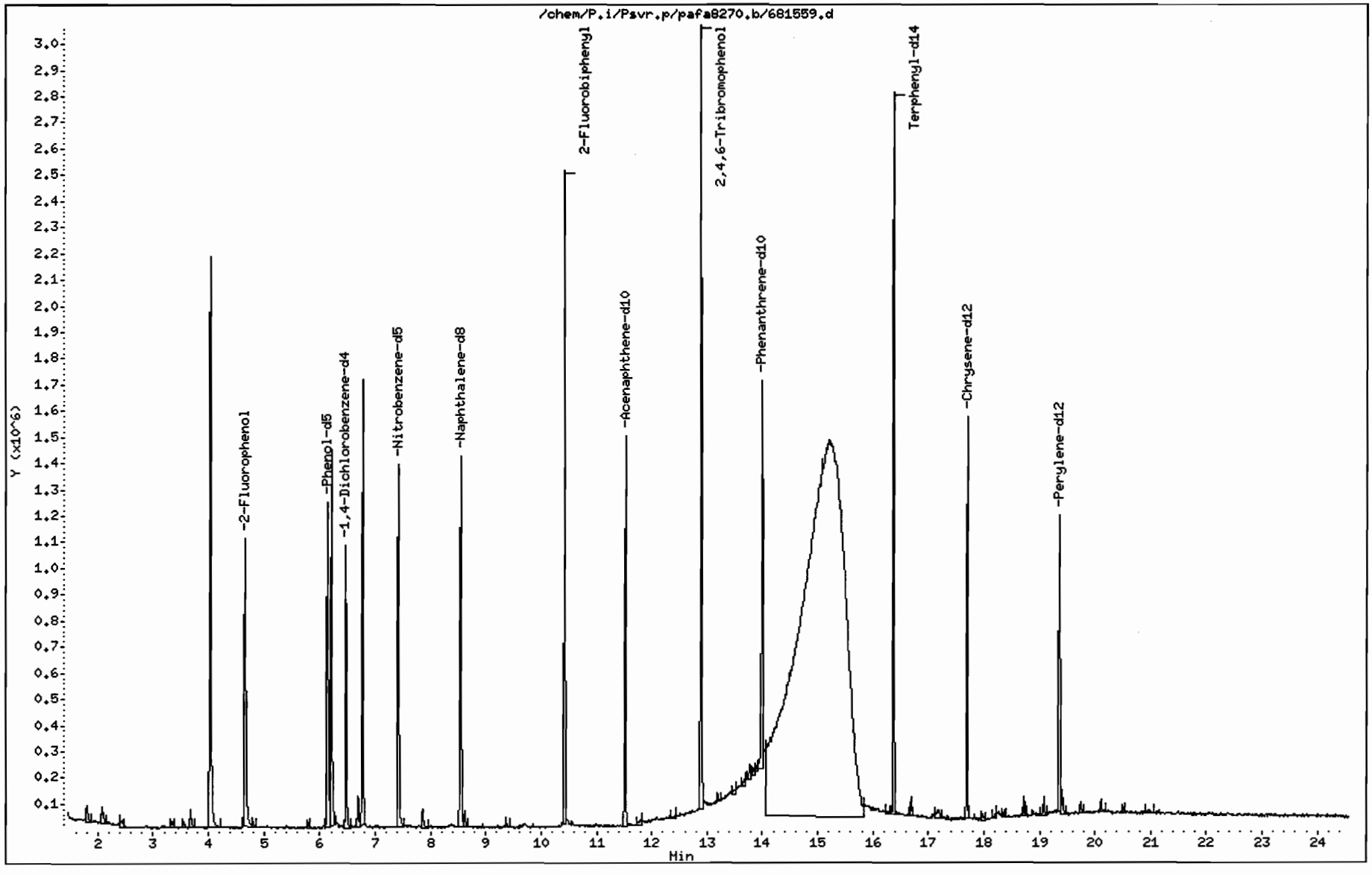
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
73	Chrysene	228	Compound Not Detected.					
74	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
75	Di-n-octylphthalate	149	Compound Not Detected.					
76	Benzo(b)fluoranthene	252	Compound Not Detected.					
77	Benzo(k)fluoranthene	252	Compound Not Detected.					
78	Benzo(a)pyrene	252	Compound Not Detected.					
* 79	Perylene-d12	264	19.350	19.357	(1.000)	567268	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
81	Dibenz(a,h)anthracene	278	Compound Not Detected.					
82	Benzo(g,h,i)perylene	276	Compound Not Detected.					

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/P.i/Psvr.p/pafa8270.b/681559.d
Date : 30-SEP-2006 15:44
Client ID: MW-3DD
Sample Info: MW-3DD :[ ]08/29/06 @1220(WATER)
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: prp
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681559.d
Lab Smp Id: 681559 Client Smp ID: MW-3DD
Inj Date : 30-SEP-2006 15:44
Operator : prp Inst ID: P.i
Smp Info : MW-3DD :[ ]08/29/06 @1220(WATER)
Misc Info : 681559,0188_MBLK090306D,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	910.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 10 1,4-Dichlorobenzene-d4	6.470	1491607	20.000
* 61 Phenanthrene-d10	13.993	2103137	20.000

	CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
2-Pentanone, 4-hydroxy-4-methyl-			CAS #: 123-42-2				
4.038	3740576	50.1549647	55	50	NBS75K.1	64274	10

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Sulfur, mol. (S8)					CAS #: 10544-50-0		
15.204	80945973	769.764029	850	50	NBS75K.l	71623	61(M)

QC Flag Legend

M - Compound response manually integrated.

STL Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: P.i
Lab File ID: 681559.d
Lab Smp Id: 681559
Analysis Type: SV
Quant Type: ISTD
Operator: prp
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681559,0188_MBLK090306D,1

Calibration Date: 30-SEP-2006
Calibration Time: 14:02
Client Smp ID: MW-3DD
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	234993	117496	469986	244009	3.84
29 Naphthalene-d8	864971	432486	1729942	921823	6.57
44 Acenaphthene-d10	443503	221752	887006	469925	5.96
61 Phenanthrene-d10	632401	316200	1264802	696752	10.18
71 Chrysene-d12	556585	278292	1113170	643423	15.60
79 Perylene-d12	565792	282896	1131584	567268	0.26

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	6.47	6.14	6.80	6.47	0.05
29 Naphthalene-d8	8.53	8.20	8.86	8.54	0.16
44 Acenaphthene-d10	11.52	11.19	11.85	11.52	0.03
61 Phenanthrene-d10	13.99	13.66	14.32	13.99	0.02
71 Chrysene-d12	17.69	17.36	18.02	17.70	0.02
79 Perylene-d12	19.36	19.03	19.69	19.35	-0.04

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

STL Burlington

RECOVERY REPORT

Client Name: STLCTS
Client SDG: 213609
Sample Matrix: LIQUID
Fraction: SV
Lab Smp Id: 681559
Client Smp ID: MW-3DD
Level: LOW
Operator: prp
Data Type: MS DATA
SampleType: SAMPLE
SpikeList File: OLClcs.spk
Quant Type: ISTD
Sublist File: OLC.sub
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681559,0188_MBLK090306D,1

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 2 2-Fluorophenol	44	36	81.23	15-121
$ 4 Phenol-d5	44	39	88.77	15-115
$ 20 Nitrobenzene-d5	44	37	84.50	23-120
$ 38 2-Fluorobiphenyl	44	35	80.00	30-115
$ 57 2,4,6-Tribromophen	130	100	79.48	15-130
$ 68 Terphenyl-d14	44	34	77.43	18-140

Data File: /chem/P.i/Psvr.p/pafa8270.b/681559.d

Date : 30-SEP-2006 15:44

Client ID: MW-3DD

Instrument: P.i

Sample Info: MW-3DD :[ ]08/29/06 @1220(WATER)

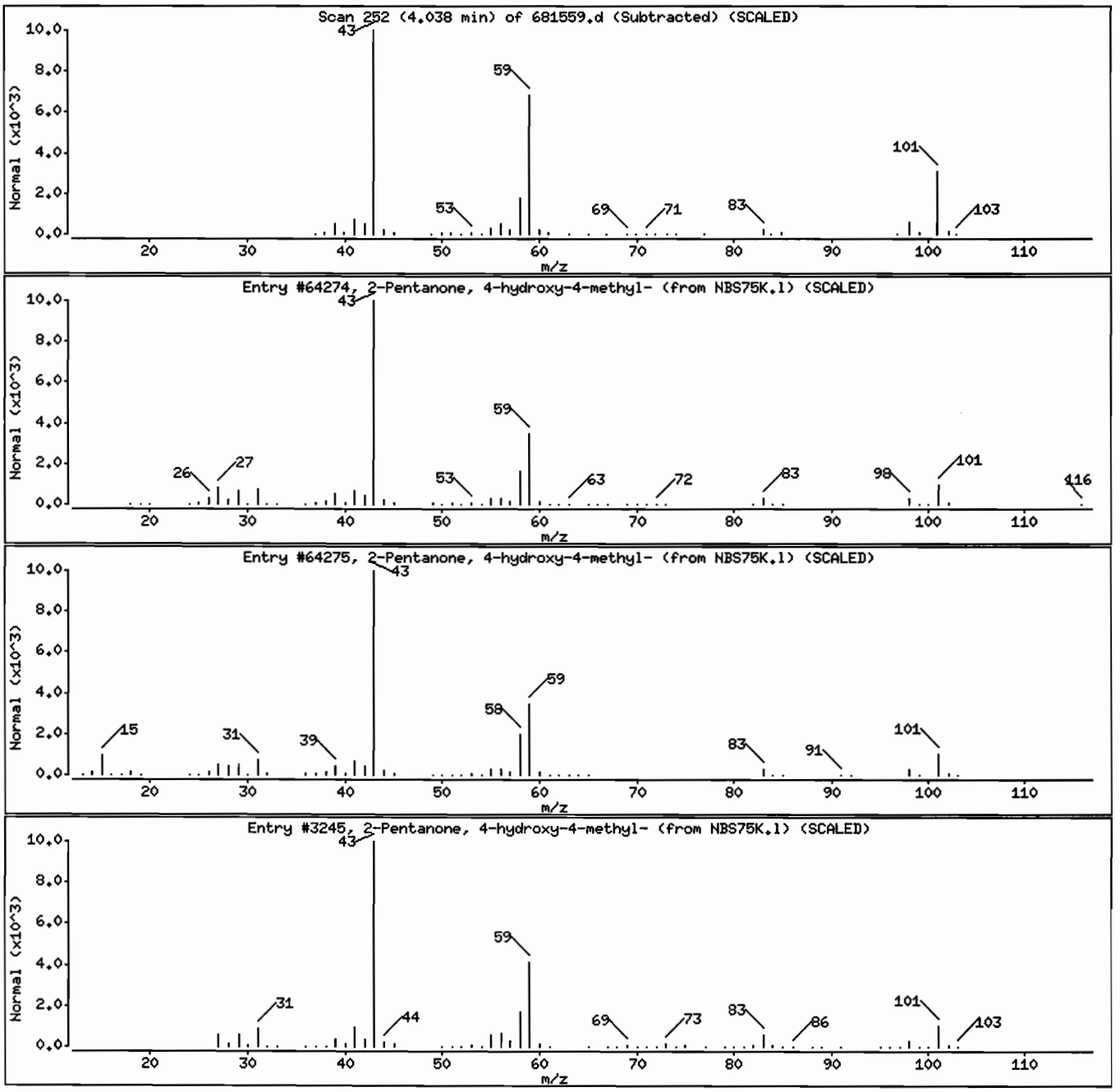
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64274	50	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64275	40	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	3245	28	C6H12O2	116



Data File: /chem/P.i/Psvr.p/pafa8270.b/681559.d

Date : 30-SEP-2006 15:44

Client ID: MW-3DD

Instrument: P.i

Sample Info: MW-3DD :[ ]08/29/06 @1220(WATER)

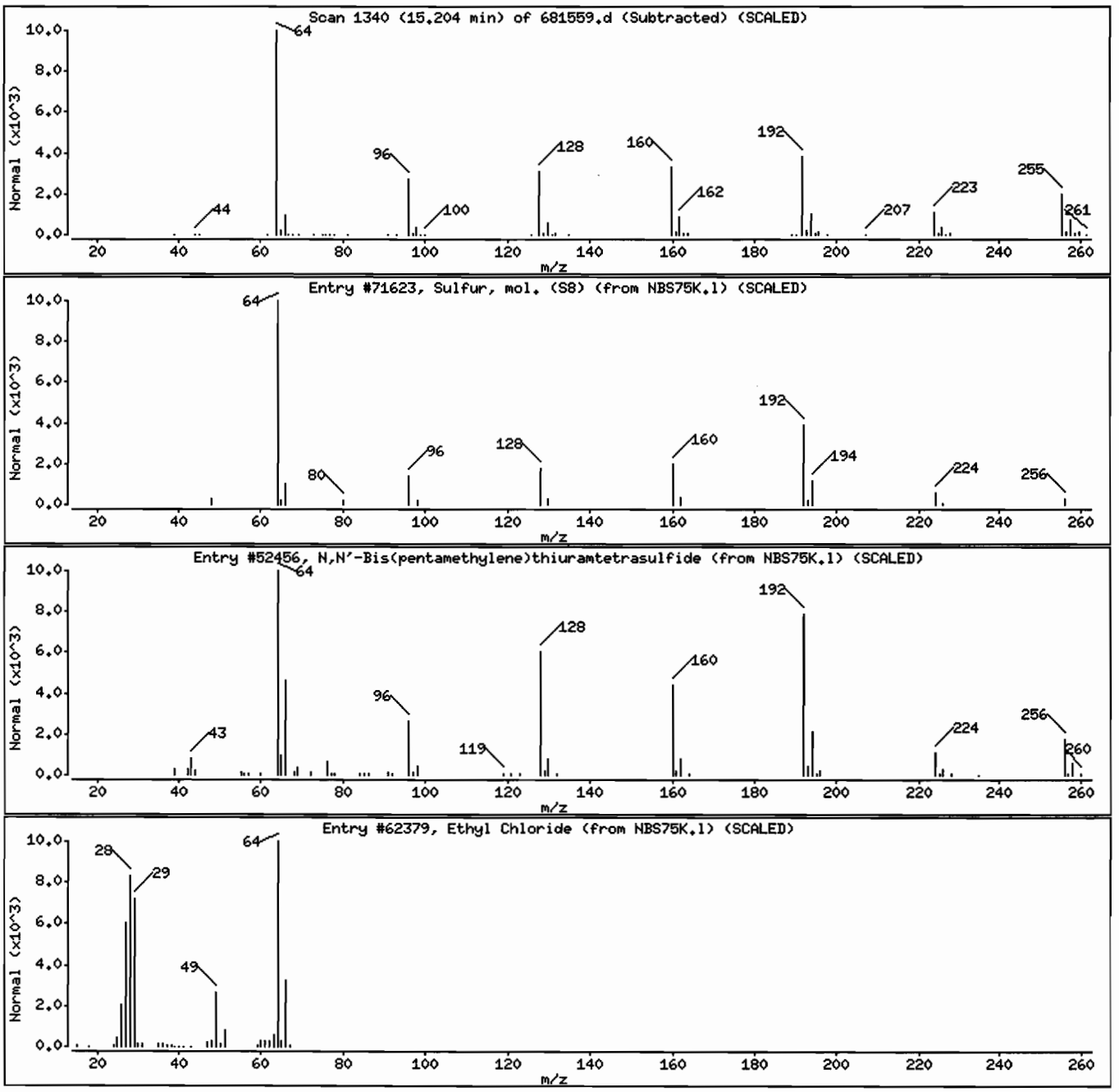
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Sulfur, mol. (S8)	10544-50-0	NBS75K.l	71623	50	S8	256
N,N'-Bis(pentamethylene)thiuramtetrasulf	0-00-0	NBS75K.l	52456	32	C12H20N2S6	384
Ethyl Chloride	75-00-3	NBS75K.l	62379	4	C2H5Cl	64



1LCB

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4D

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681759 Date Received: 09/02/06

Lab File ID: 681759 Date Extracted: 09/05/06

Sample Volume: 910.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)Ether	5	U
95-57-8	2-Chlorophenol	5	U
108-60-1	2,2'-oxybis(1-Chloropropane)	5	U
95-48-7	2-Methylphenol	5	U
67-72-1	Hexachloroethane	5	U
621-64-7	N-Nitroso-di-n-propylamine	5	U
106-44-5	4-Methylphenol	5	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	5	U
88-75-5	2-Nitrophenol	5	U
105-67-9	2,4-Dimethylphenol	5	U
111-91-1	bis(2-Chloroethoxy)methane	5	U
120-83-2	2,4-Dichlorophenol	5	U
91-20-3	Naphthalene	5	U
106-47-8	4-Chloroaniline	5	U
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-Methylphenol	5	U
91-57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2,4,6-Trichlorophenol	5	U
95-95-4	2,4,5-Trichlorophenol	22	U
91-58-7	2-Chloronaphthalene	5	U
88-74-4	2-Nitroaniline	22	U
131-11-3	Dimethylphthalate	5	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	5	U
83-32-9	Acenaphthene	5	U
99-09-2	3-Nitroaniline	22	U

1LCC

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4D

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681759 Date Received: 09/02/06

Lab File ID: 681759 Date Extracted: 09/05/06

Sample Volume: 910.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
51-28-5	2,4-Dinitrophenol	22	U
132-64-9	Dibenzofuran	5	U
100-02-7	4-Nitrophenol	22	U
121-14-2	2,4-Dinitrotoluene	5	U
86-73-7	Fluorene	5	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
100-01-6	4-Nitroaniline	22	U
534-52-1	4,6-Dinitro-2-methylphenol	22	U
86-30-6	N-nitrosodiphenylamine (1)	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-5	Pentachlorophenol	22	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
56-55-3	Benzo(a)anthracene	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)phthalate	5	U
117-84-0	Di-n-octylphthalate	5	U
205-99-2	Benzo(b)fluoranthene	5	U
207-08-9	Benzo(k)fluoranthene	5	U
50-32-8	Benzo(a)pyrene	5	U
193-39-5	Indeno(1,2,3-cd)pyrene	5	U
53-70-3	Dibenz(a,h)anthracene	5	U
191-24-2	Benzo(g,h,i)perylene	5	U

(1) - Cannot be separated from Diphenylamine

1LCF

EPA SAMPLE NO.

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW-4D

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681759 Date Received: 09/02/06

Lab File ID: 681759 Date Extracted: 09/05/06

Sample Volume: 910.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

Number TICs found: 6

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC. (ug/L)	Q
1.	123-42-2	2-PENTANONE, 4-HYDROXY-4-MET	4.05	21	NJAB
2.		UNKNOWN	16.73	60	J
3.		UNKNOWN	17.13	15	J
4.		UNKNOWN	17.36	13	J
5.		UNKNOWN	18.19	17	J
6.		UNKNOWN	19.15	12	J
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: /chem/P.i/Psvr.p/pafa8270.b/681759.d

Date : 30-SEP-2006 23:32

Client ID: MW-4D

Sample Info: MW-4D :[09/01/06 @0750(WATER)

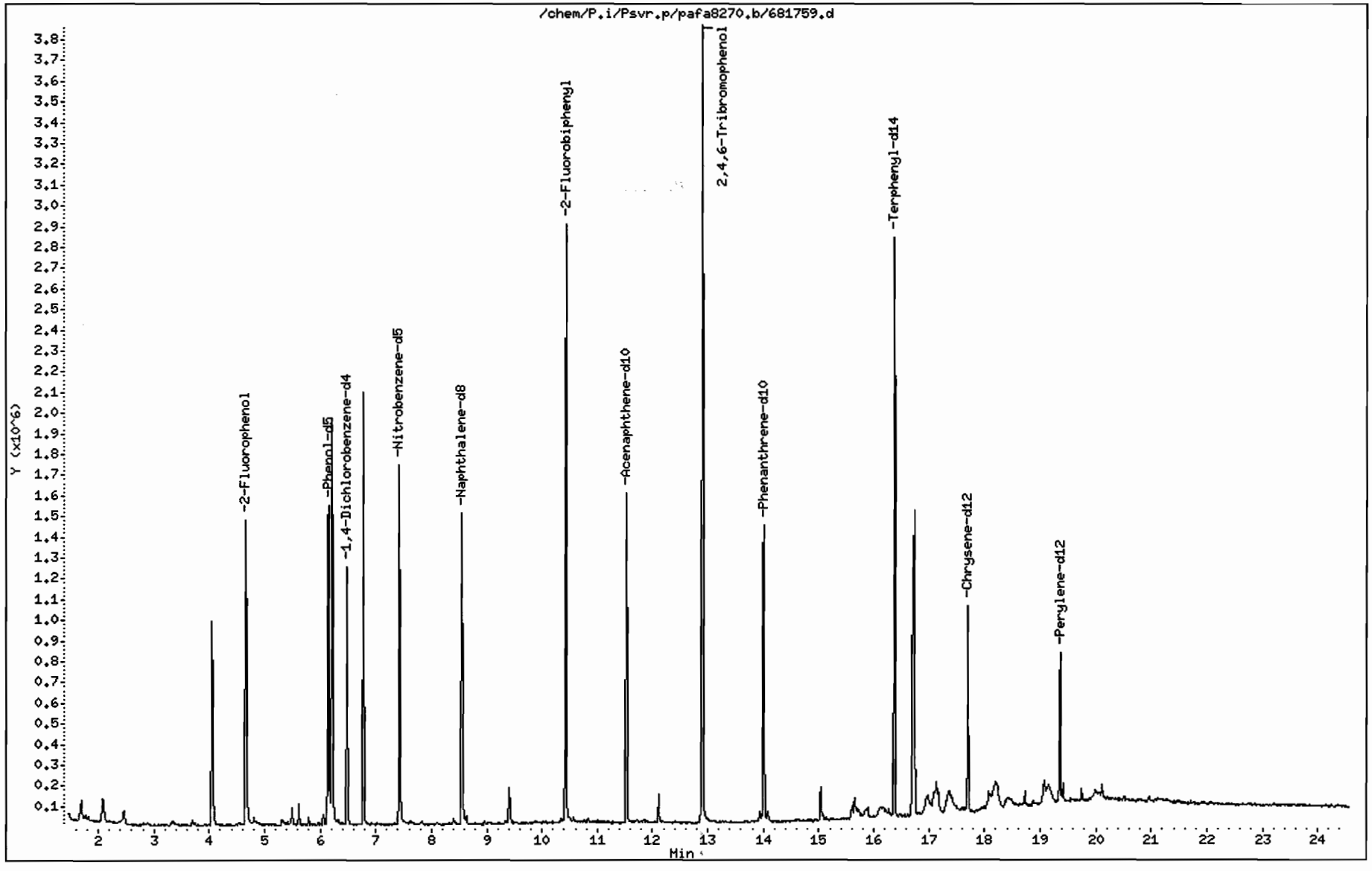
Volume Injected (uL): 1.0

Column phase: RTx-5

Instrument: P.i

Operator: prp

Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681759.d
Lab Smp Id: 681759 Client Smp ID: MW-4D
Inj Date : 30-SEP-2006 23:32
Operator : prp Inst ID: P.i
Smp Info : MW-4D :[ ]09/01/06 @0750(WATER)
Misc Info : 681759,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	910.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
$	2	2-Fluorophenol	112	4.661	4.630	(0.720)	817413	35.7164	39
$	4	Phenol-d5	99	6.149	6.118	(0.949)	1079404	38.5561	42
	5	Phenol	94	Compound Not Detected.					
	6	bis(2-Chloroethyl)Ether	93	Compound Not Detected.					
	8	2-Chlorophenol	128	Compound Not Detected.					
*	10	1,4-Dichlorobenzene-d4	152	6.477	6.467	(1.000)	283920	20.0000	
	15	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	16	2-Methylphenol	108	Compound Not Detected.					
	17	Hexachloroethane	116	Compound Not Detected.					
	18	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	19	4-Methylphenol	108	Compound Not Detected.					
$	20	Nitrobenzene-d5	82	7.422	7.401	(0.868)	851085	37.0386	41
	21	Nitrobenzene	77	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	22 Isophorone	82	Compound Not Detected.					
	23 2-Nitrophenol	139	Compound Not Detected.					
	24 2,4-Dimethylphenol	107	Compound Not Detected.					
	25 bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	26 2,4-Dichlorophenol	162	Compound Not Detected.					
*	29 Naphthalene-d8	136	8.551	8.530	(1.000)	1060296	20.0000	
	30 Naphthalene	128	Compound Not Detected.					
	31 4-Chloroaniline	127	Compound Not Detected.					
	32 Hexachlorobutadiene	224	Compound Not Detected.					
	33 4-Chloro-3-Methylphenol	107	Compound Not Detected.					
	34 2-Methylnaphthalene	142	Compound Not Detected.					
	35 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	36 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	37 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	38 2-Fluorobiphenyl	172	10.429	10.418	(0.905)	1282858	34.2308	38
	39 2-Chloronaphthalene	162	Compound Not Detected.					
	40 2-Nitroaniline	65	Compound Not Detected.					
	42 Acenaphthylene	152	Compound Not Detected.					
	41 Dimethylphthalate	163	Compound Not Detected.					
	43 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	44 Acenaphthene-d10	164	11.527	11.516	(1.000)	530322	20.0000	
	45 Acenaphthene	153	Compound Not Detected.					
	46 3-Nitroaniline	138	Compound Not Detected.					
	47 2,4-Dinitrophenol	184	Compound Not Detected.					
	48 Dibenzofuran	168	Compound Not Detected.					
	49 4-Nitrophenol	109	Compound Not Detected.					
	50 2,4-Dinitrotoluene	165	Compound Not Detected.					
	51 Fluorene	166	Compound Not Detected.					
	52 Diethylphthalate	149	Compound Not Detected.					
	53 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	54 4-Nitroaniline	138	Compound Not Detected.					
	55 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	56 N-nitrosodiphenylamine	169	Compound Not Detected.					
$	57 2,4,6-Tribromophenol	330	12.902	12.892	(0.922)	635876	110.583	120(A)
	58 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	59 Hexachlorobenzene	283	Compound Not Detected.					
	60 Pentachlorophenol	265	Compound Not Detected.					
*	61 Phenanthrene-d10	188	14.000	13.990	(1.000)	737977	20.0000	
	62 Phenanthrene	178	Compound Not Detected.					
	63 Anthracene	178	Compound Not Detected.					
	65 Di-n-butylphthalate	149	Compound Not Detected.					
	66 Fluoranthene	202	Compound Not Detected.					
	67 Pyrene	202	Compound Not Detected.					
$	68 Terphenyl-d14	244	16.371	16.361	(0.925)	1044820	45.6791	50
	69 Butylbenzylphthalate	149	Compound Not Detected.					
	70 Benzo(a)anthracene	228	Compound Not Detected.					
*	71 Chrysene-d12	240	17.695	17.695	(1.000)	418389	20.0000	
	72 3,3'-Dichlorobenzidine	252	Compound Not Detected.					

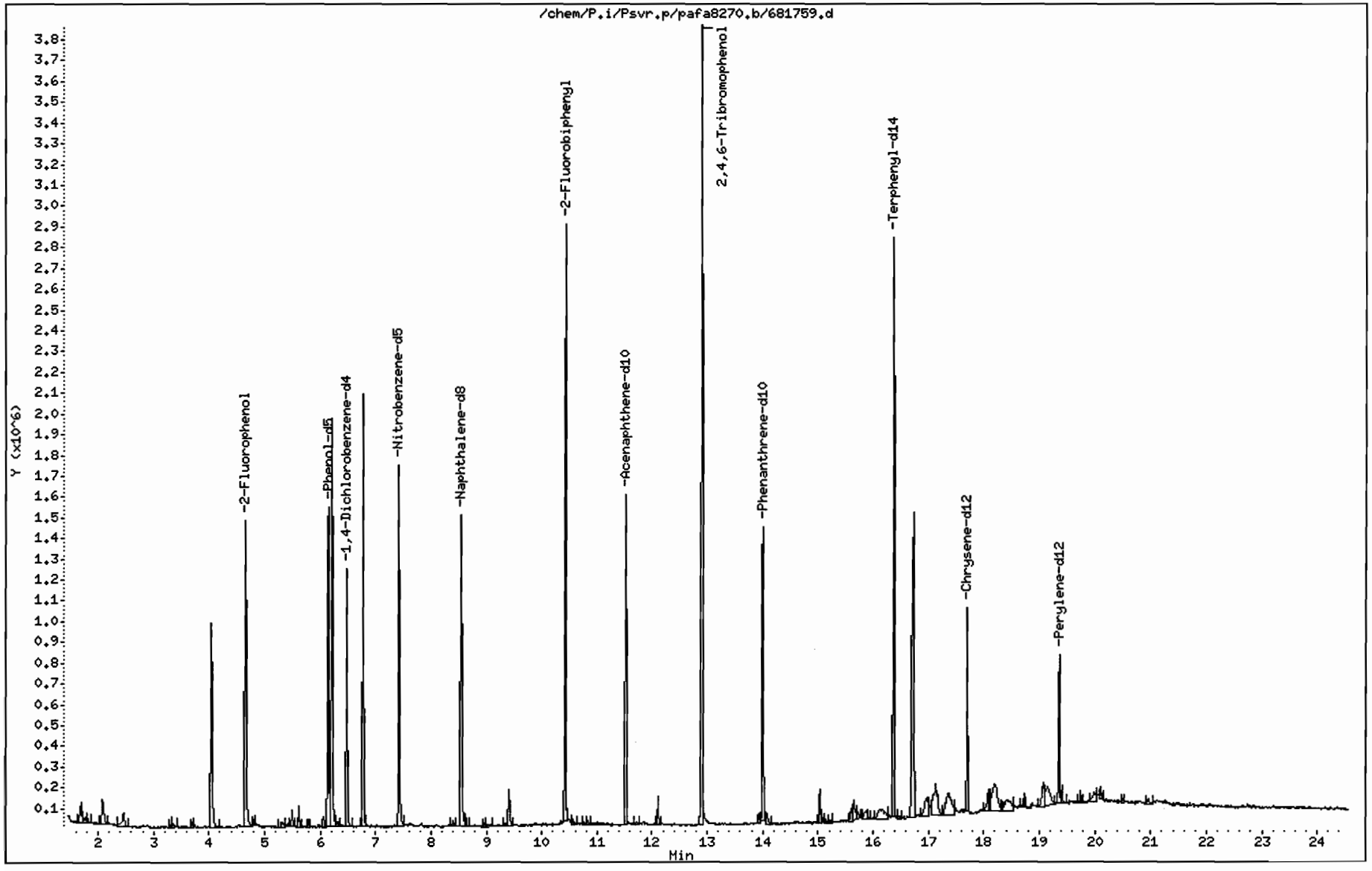
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
73	Chrysene	228	Compound Not Detected.					
74	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
75	Di-n-octylphthalate	149	Compound Not Detected.					
76	Benzo(b)fluoranthene	252	Compound Not Detected.					
77	Benzo(k)fluoranthene	252	Compound Not Detected.					
78	Benzo(a)pyrene	252	Compound Not Detected.					
* 79	Perylene-d12	264	19.358	19.357	(1.000)	320475	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
81	Dibenz(a,h)anthracene	278	Compound Not Detected.					
82	Benzo(g,h,i)perylene	276	Compound Not Detected.					

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/P.i/Psvr.p/pafa8270.b/681759.d
Date : 30-SEP-2006 23:32
Client ID: MW-4D
Sample Info: MW-4D :[309/01/06 @0750(WATER)
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: prp
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681759.d
Lab Smp Id: 681759 Client Smp ID: MW-4D
Inj Date : 30-SEP-2006 23:32
Operator : prp Inst ID: P.i
Smp Info : MW-4D :[ ]09/01/06 @0750(WATER)
Misc Info : 681759,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	910.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 10 1,4-Dichlorobenzene-d4	6.477	1696402	20.000
* 71 Chrysene-d12	17.695	1222427	20.000
* 79 Perylene-d12	19.358	980721	20.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
2-Pentanone, 4-hydroxy-4-methyl-			CAS #: 123-42-2				
4.045	1630320	19.2209072	21	39	NBS75K.1	64274	10

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
16.730	3350492	54.8170172	60	0		0	71
Unknown				CAS #:			
17.130	854392	13.9786045	15	0		0	71
Unknown				CAS #:			
17.356	732542	11.9850420	13	0		0	71
Unknown				CAS #:			
18.188	937641	15.3406300	17	0		0	71
Unknown				CAS #:			
19.152	525782	10.7223543	12	0		0	79

STL Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: P.i
Lab File ID: 681759.d
Lab Smp Id: 681759
Analysis Type: SV
Quant Type: ISTD
Operator: prp
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681759,0188_MBLK090506F,1

Calibration Date: 30-SEP-2006
Calibration Time: 14:02
Client Smp ID: MW-4D
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	234993	117496	469986	283920	20.82
29 Naphthalene-d8	864971	432486	1729942	1060296	22.58
44 Acenaphthene-d10	443503	221752	887006	530322	19.58
61 Phenanthrene-d10	632401	316200	1264802	737977	16.69
71 Chrysene-d12	556585	278292	1113170	418389	-24.83
79 Perylene-d12	565792	282896	1131584	320475	-43.36

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	6.47	6.14	6.80	6.48	0.16
29 Naphthalene-d8	8.53	8.20	8.86	8.55	0.24
44 Acenaphthene-d10	11.52	11.19	11.85	11.53	0.09
61 Phenanthrene-d10	13.99	13.66	14.32	14.00	0.07
71 Chrysene-d12	17.69	17.36	18.02	17.69	0.00
79 Perylene-d12	19.36	19.03	19.69	19.36	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

STL Burlington

RECOVERY REPORT

Client Name: STLCTS
Client SDG: 213609
Sample Matrix: LIQUID
Fraction: SV
Lab Smp Id: 681759
Client Smp ID: MW-4D
Level: LOW
Operator: prp
Data Type: MS DATA
SampleType: SAMPLE
SpikeList File: OLClcs.spk
Quant Type: ISTD
Sublist File: OLC.sub
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681759,0188_MBLK090506F,1

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 2 2-Fluorophenol	44	39	89.29	15-121
$ 4 Phenol-d5	44	42	96.39	15-115
$ 20 Nitrobenzene-d5	44	41	92.60	23-120
$ 38 2-Fluorobiphenyl	44	38	85.58	30-115
$ 57 2,4,6-Tribromophen	130	120	92.15	15-130
$ 68 Terphenyl-d14	44	50	114.20	18-140

Data File: /chem/P.i/Psvr.p/pafa8270.b/681759.d

Date : 30-SEP-2006 23:32

Client ID: MW-4D

Instrument: P.i

Sample Info: MW-4D :[ ]09/01/06 @0750(WATER)

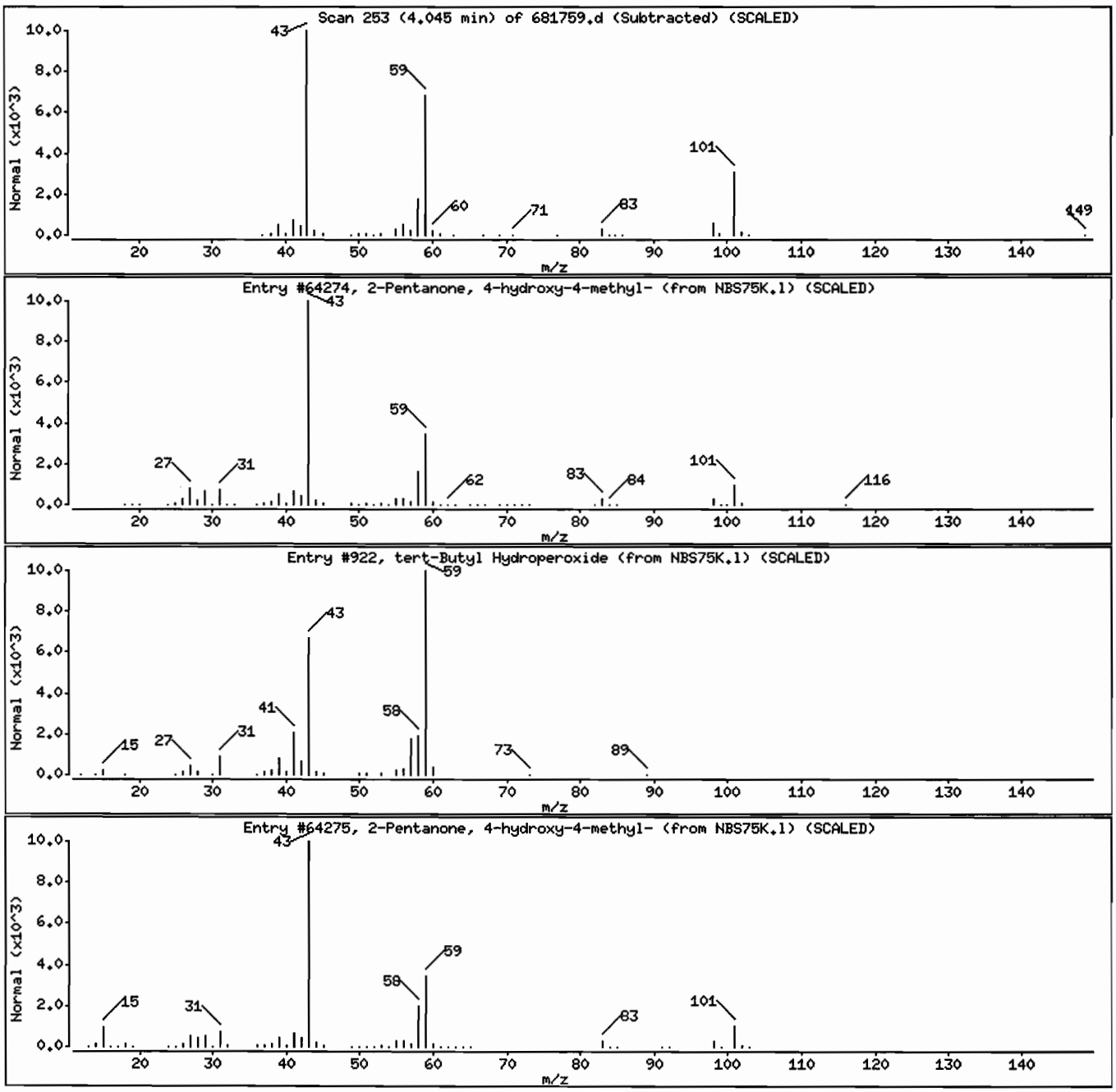
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64274	39	C6H12O2	116
tert-Butyl Hydroperoxide	75-91-2	NBS75K.l	922	38	C4H10O2	90
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64275	33	C6H12O2	116



Data File: /chem/P.i/Psvr.p/pafa8270.b/681759.d

Date : 30-SEP-2006 23:32

Client ID: MW-4D

Instrument: P.i

Sample Info: MW-4D :[ ]09/01/06 @0750(WATER)

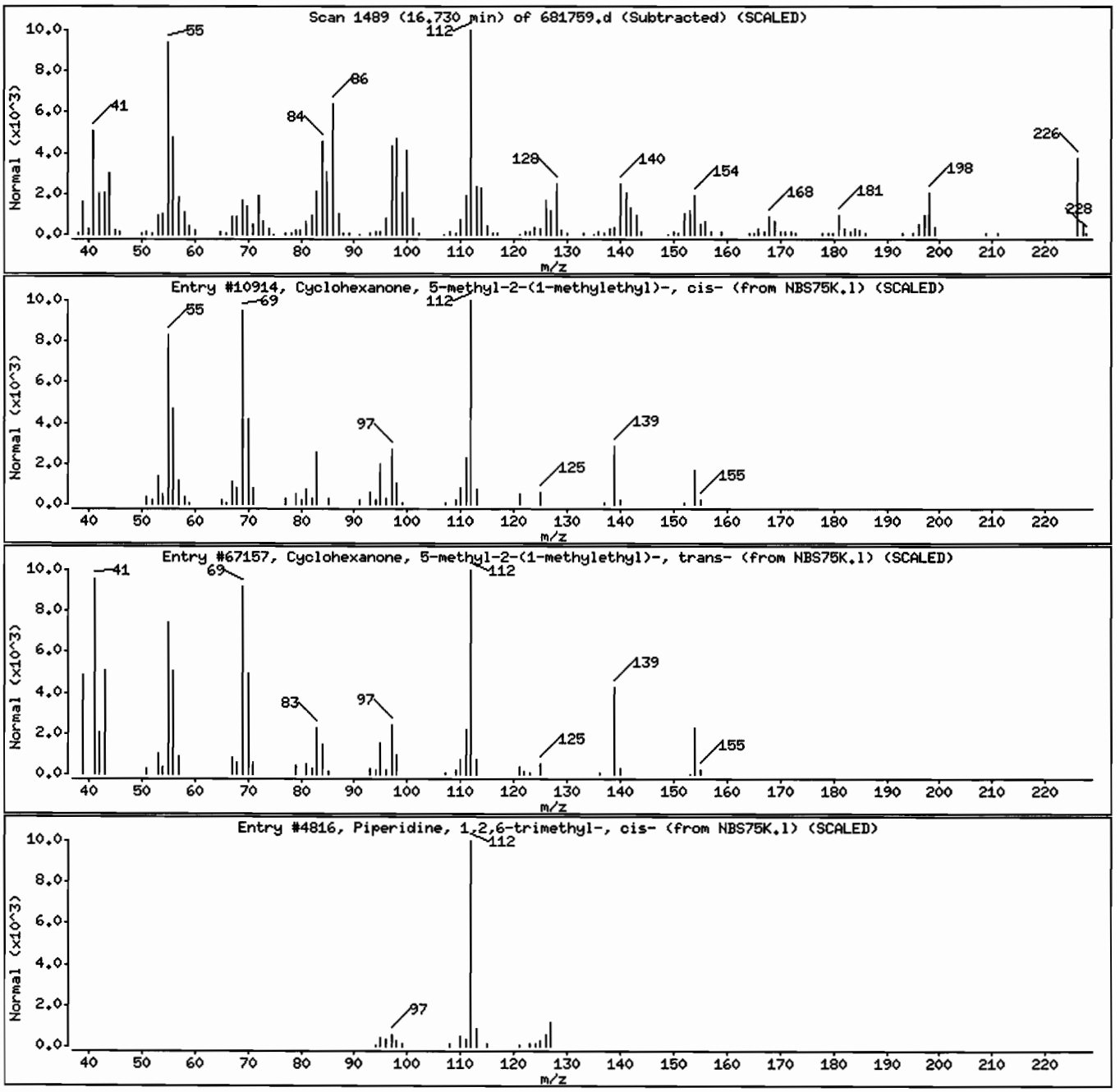
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclohexanone, 5-methyl-2-(1-methylethyl	491-07-6	NBS75K.l	10914	25	C10H18O	154
Cyclohexanone, 5-methyl-2-(1-methylethyl	89-80-5	NBS75K.l	67157	22	C10H18O	154
Piperidine, 1,2,6-trimethyl-, cis-	2439-13-6	NBS75K.l	4816	14	C8H17N	127



Data File: /chem/P.i/Psvr.p/pafa8270.b/681759.d

Date : 30-SEP-2006 23:32

Client ID: MW-4D

Instrument: P.i

Sample Info: MW-4D :[ ]09/01/06 @0750(WATER)

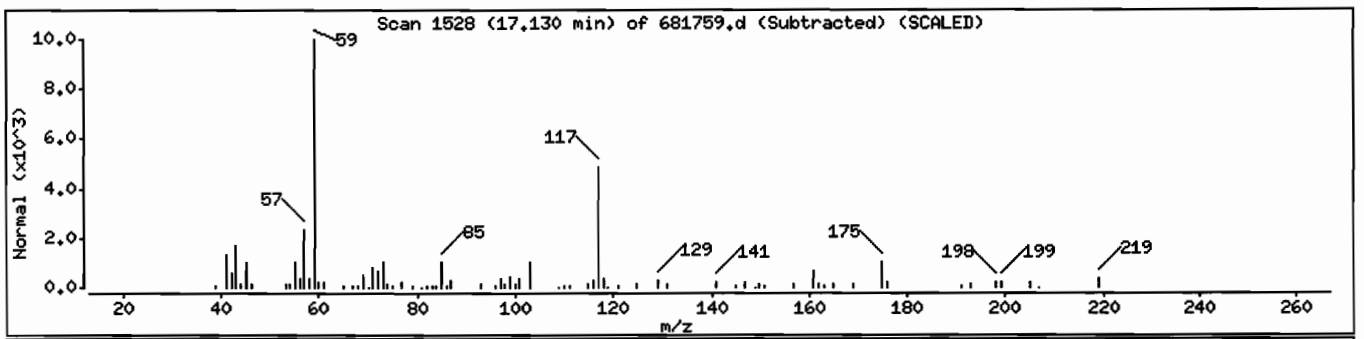
Volume Injected (uL): 1.0

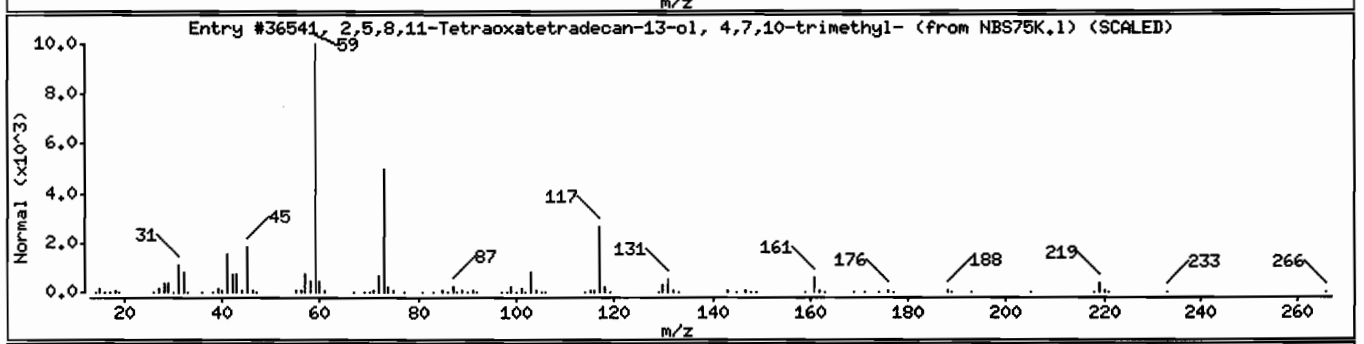
Operator: prp

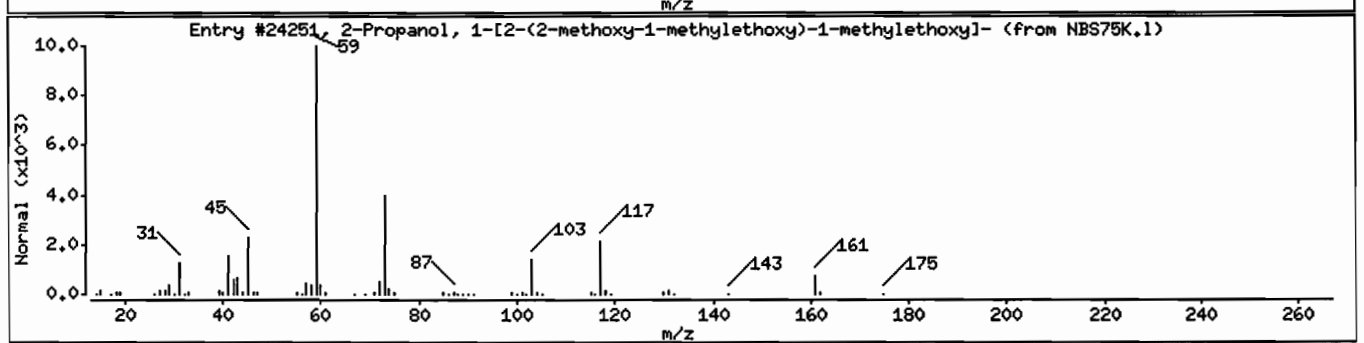
Column phase: RTx-5

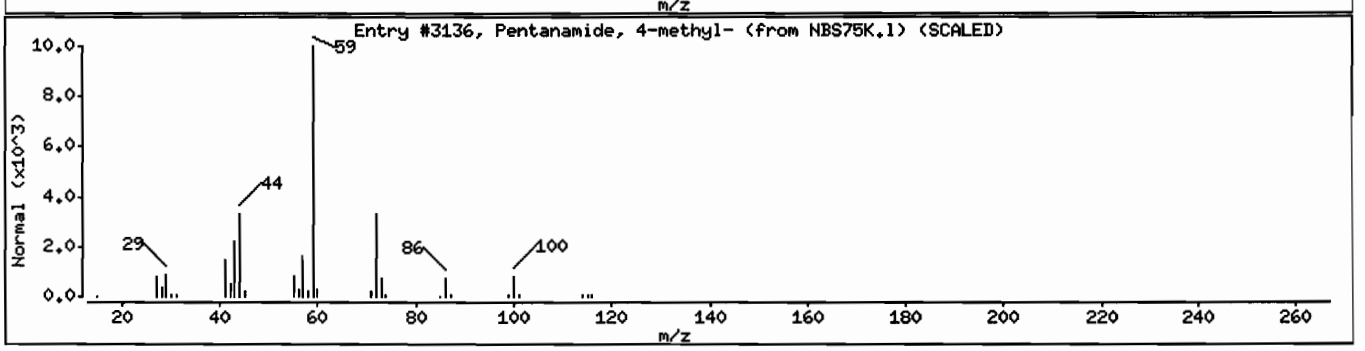
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2,5,8,11-Tetraoxatetradecan-13-ol, 4,7,1	20324-34-9	NBS75K.l	36541	45	C13H2805	264
2-Propanol, 1-[2-(2-methoxy-1-methyletho	20324-33-8	NBS75K.l	24251	38	C10H2204	206
Pentanamide, 4-methyl-	1119-29-5	NBS75K.l	3136	38	C6H13NO	115









Data File: /chem/P.i/Psvr.p/pafa8270.b/681759.d

Date : 30-SEP-2006 23:32

Client ID: MW-4D

Instrument: P.i

Sample Info: MW-4D :[ ]09/01/06 @0750(WATER)

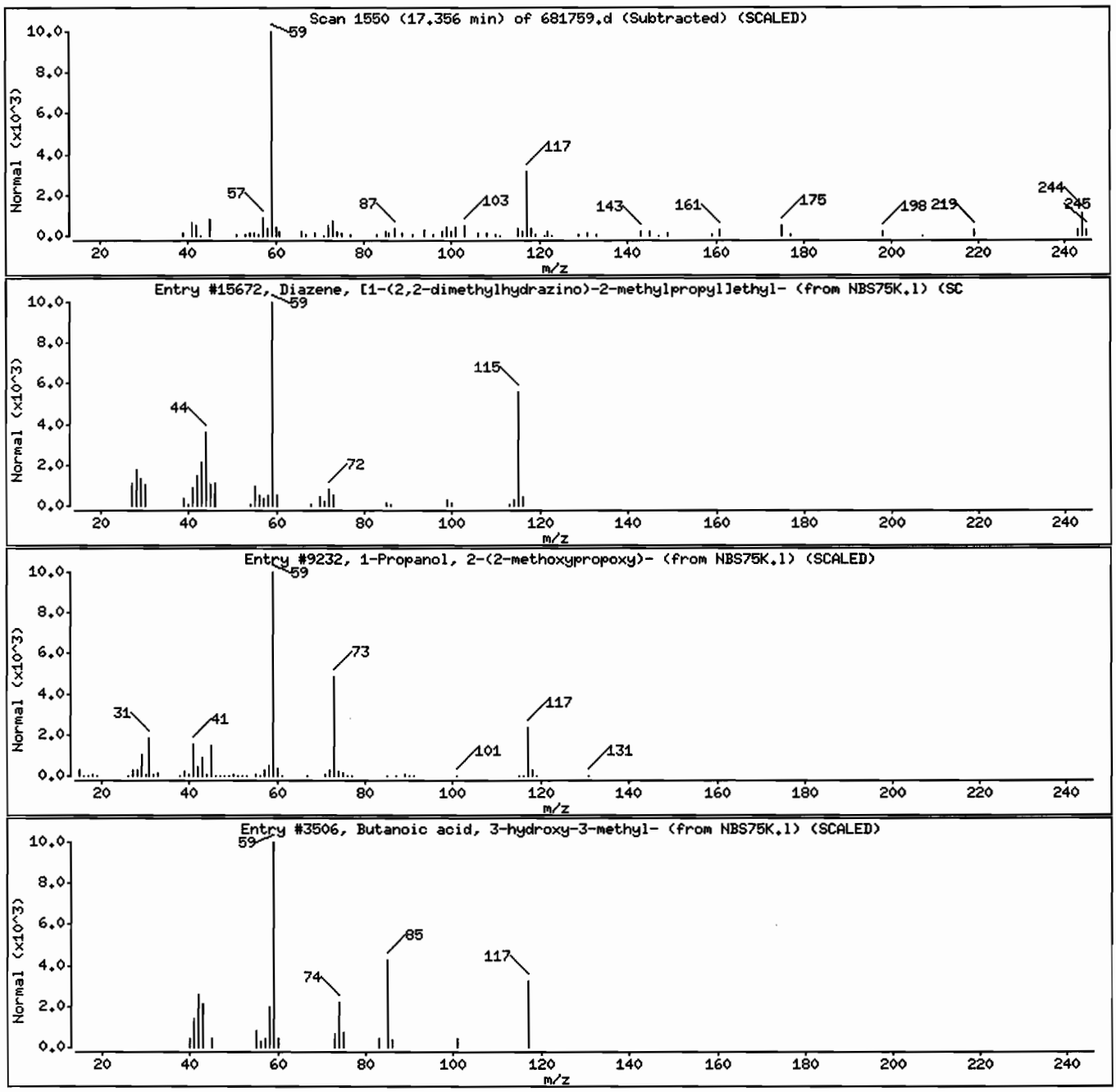
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Diazene, [1-(2,2-dimethylhydrazino)-2-me	61940-94-1	NBS75K.l	15672	47	C8H20N4	172
1-Propanol, 2-(2-methoxypropoxy)-	13588-28-8	NBS75K.l	9232	45	C7H1603	148
Butanoic acid, 3-hydroxy-3-methyl-	625-08-1	NBS75K.l	3506	45	C5H1003	118



Data File: /chem/P.i/Psvr.p/pafa8270.b/681759.d

Date : 30-SEP-2006 23:32

Client ID: MW-4D

Instrument: P.i

Sample Info: MW-4D :[ ]09/01/06 @0750(WATER)

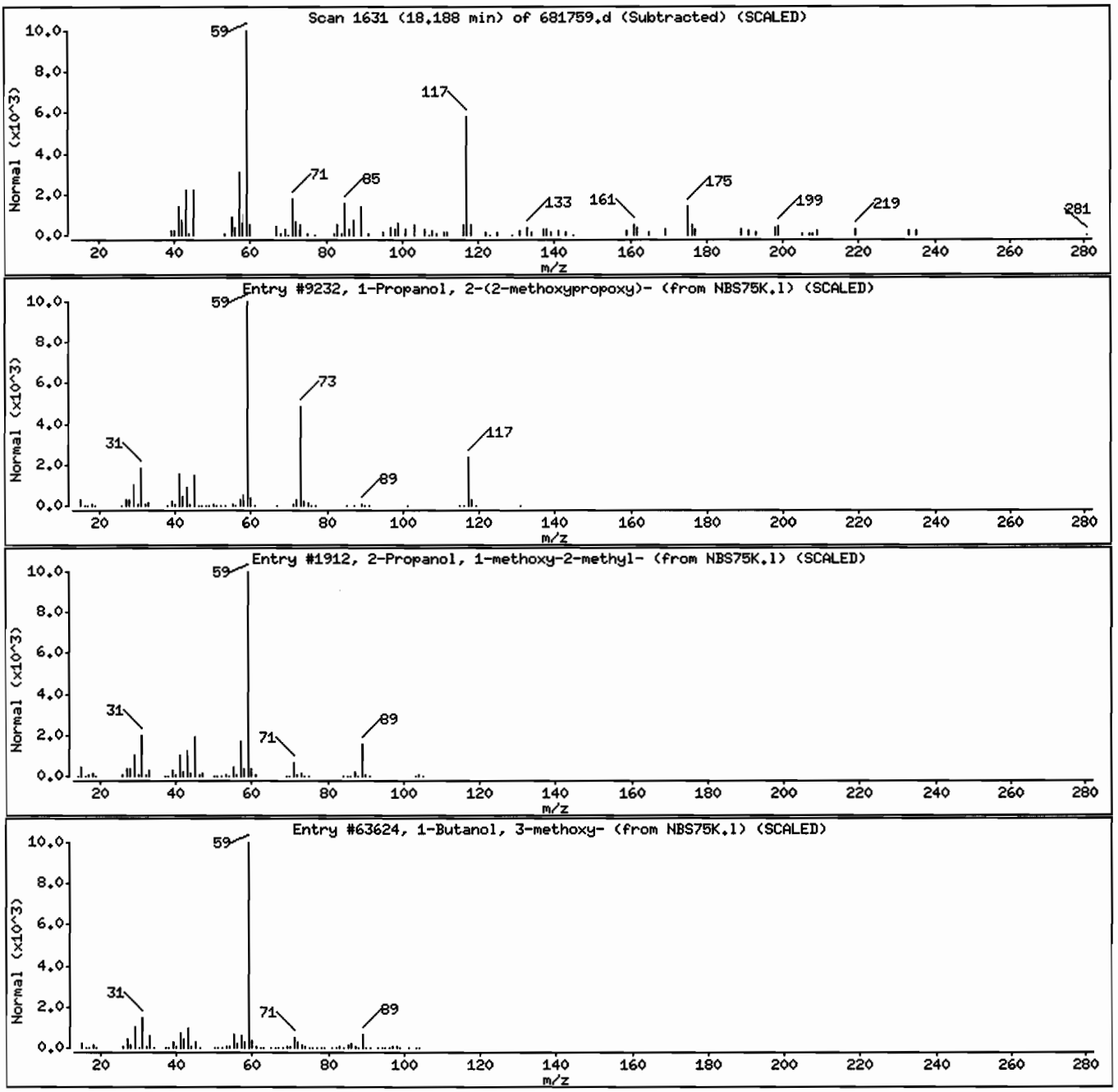
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Propanol, 2-(2-methoxypropoxy)-	13588-28-8	NBS75K.l	9232	59	C7H1603	148
2-Propanol, 1-methoxy-2-methyl-	3587-64-2	NBS75K.l	1912	38	C5H1202	104
1-Butanol, 3-methoxy-	2517-43-3	NBS75K.l	63624	38	C5H1202	104



Data File: /chem/P.i/Psvr.p/pafa8270.b/681759.d

Date : 30-SEP-2006 23:32

Client ID: MW-4D

Instrument: P.i

Sample Info: MW-4D :[09/01/06 @0750(WATER)

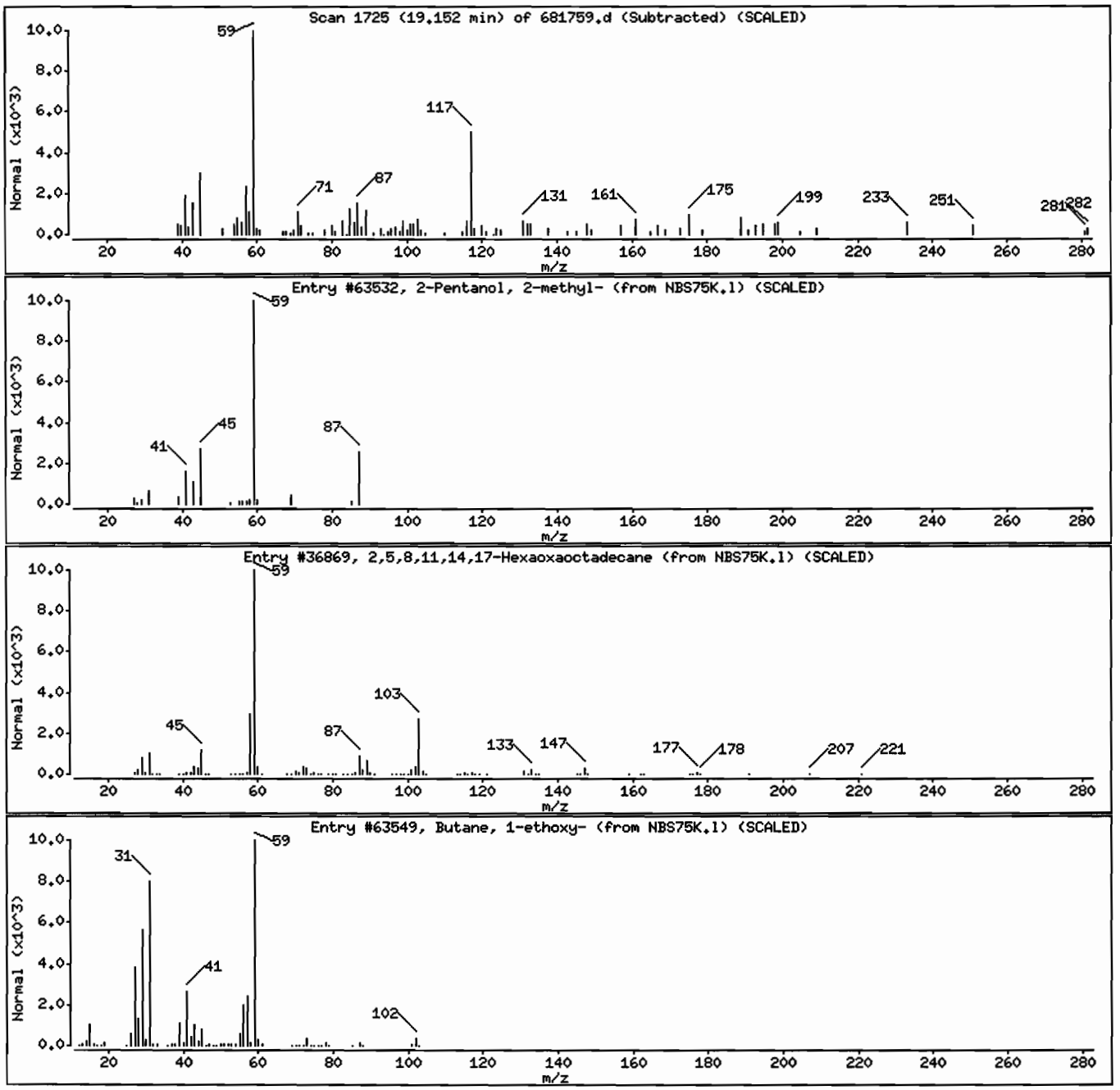
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Pentanol, 2-methyl-	590-36-3	NBS75K.l	63532	37	C6H14O	102
2,5,8,11,14,17-Hexaoxaoctadecane	1191-87-3	NBS75K.l	36869	37	C12H26O6	266
Butane, 1-ethoxy-	628-81-9	NBS75K.l	63549	35	C6H14O	102



1LCB

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5D

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681756 Date Received: 09/02/06

Lab File ID: 681756 Date Extracted: 09/05/06

Sample Volume: 905.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
108-95-2	Phenol	6	U
111-44-4	bis(2-Chloroethyl)Ether	6	U
95-57-8	2-Chlorophenol	6	U
108-60-1	2,2'-oxybis(1-Chloropropane)	6	U
95-48-7	2-Methylphenol	6	U
67-72-1	Hexachloroethane	6	U
621-64-7	N-Nitroso-di-n-propylamine	6	U
106-44-5	4-Methylphenol	6	U
98-95-3	Nitrobenzene	6	U
78-59-1	Isophorone	6	U
88-75-5	2-Nitrophenol	6	U
105-67-9	2,4-Dimethylphenol	6	U
111-91-1	bis(2-Chloroethoxy)methane	6	U
120-83-2	2,4-Dichlorophenol	6	U
91-20-3	Naphthalene	6	U
106-47-8	4-Chloroaniline	6	U
87-68-3	Hexachlorobutadiene	6	U
59-50-7	4-Chloro-3-Methylphenol	6	U
91-57-6	2-Methylnaphthalene	6	U
77-47-4	Hexachlorocyclopentadiene	6	U
88-06-2	2,4,6-Trichlorophenol	6	U
95-95-4	2,4,5-Trichlorophenol	22	U
91-58-7	2-Chloronaphthalene	6	U
88-74-4	2-Nitroaniline	22	U
131-11-3	Dimethylphthalate	6	U
208-96-8	Acenaphthylene	6	U
606-20-2	2,6-Dinitrotoluene	6	U
83-32-9	Acenaphthene	6	U
99-09-2	3-Nitroaniline	22	U

1LCC

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5D

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681756 Date Received: 09/02/06

Lab File ID: 681756 Date Extracted: 09/05/06

Sample Volume: 905.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
51-28-5	2,4-Dinitrophenol	22	U
132-64-9	Dibenzofuran	6	U
100-02-7	4-Nitrophenol	22	U
121-14-2	2,4-Dinitrotoluene	6	U
86-73-7	Fluorene	6	U
84-66-2	Diethylphthalate	6	U
7005-72-3	4-Chlorophenyl-phenylether	6	U
100-01-6	4-Nitroaniline	22	U
534-52-1	4,6-Dinitro-2-methylphenol	22	U
86-30-6	N-nitrosodiphenylamine (1)	6	U
101-55-3	4-Bromophenyl-phenylether	6	U
118-74-1	Hexachlorobenzene	6	U
87-86-5	Pentachlorophenol	22	U
85-01-8	Phenanthrene	6	U
120-12-7	Anthracene	6	U
84-74-2	Di-n-butylphthalate	6	U
206-44-0	Fluoranthene	6	U
129-00-0	Pyrene	6	U
85-68-7	Butylbenzylphthalate	6	U
56-55-3	Benzo(a)anthracene	6	U
91-94-1	3,3'-Dichlorobenzidine	6	U
218-01-9	Chrysene	6	U
117-81-7	bis(2-Ethylhexyl)phthalate	3	J
117-84-0	Di-n-octylphthalate	6	U
205-99-2	Benzo(b)fluoranthene	6	U
207-08-9	Benzo(k)fluoranthene	6	U
50-32-8	Benzo(a)pyrene	6	U
193-39-5	Indeno(1,2,3-cd)pyrene	6	U
53-70-3	Dibenz(a,h)anthracene	6	U
191-24-2	Benzo(g,h,i)perylene	6	U

(1) - Cannot be separated from Diphenylamine

1LCF

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-5D

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681756 Date Received: 09/02/06

Lab File ID: 681756 Date Extracted: 09/05/06

Sample Volume: 905.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

Number TICs found: 5

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC. (ug/L)	Q
1.	123-42-2	2-PENTANONE, 4-HYDROXY-4-MET	4.04	19	NJAB
2.		UNKNOWN	16.95	33	J
3.		UNKNOWN	18.07	28	J
4.		UNKNOWN	19.06	26	J
5.		UNKNOWN	19.98	12	J
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: /chem/P.i/Psvr.p/pafa8270.b/681756.d

Date : 30-SEP-2006 21:52

Client ID: MW-5D

Sample Info: MW-5D :[ ]08/31/06 @1335(WATER)

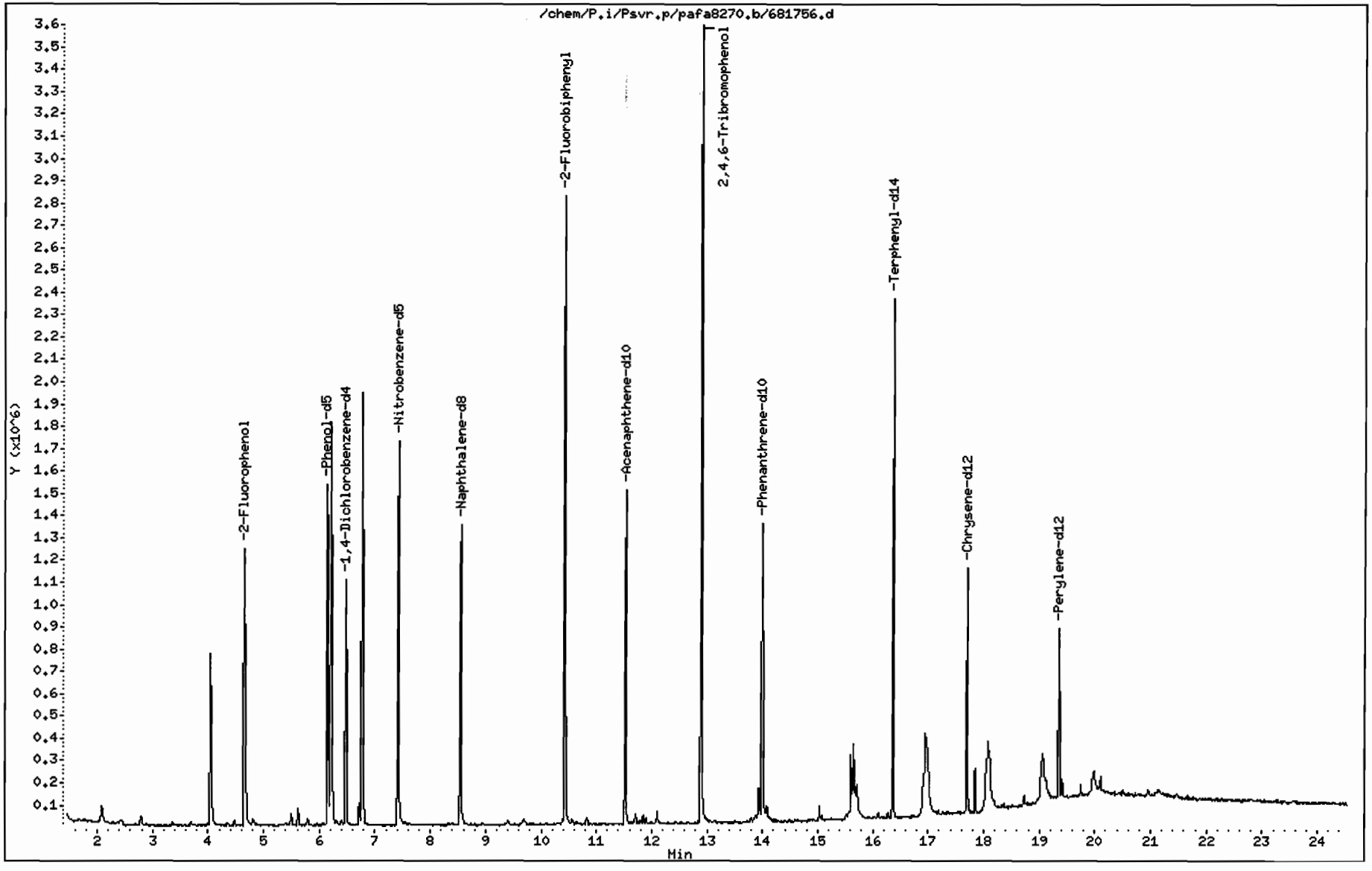
Volume Injected (uL): 1.0

Column phase: RTx-5

Instrument: P.i

Operator: prp

Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681756.d
Lab Smp Id: 681756 Client Smp ID: MW-5D
Inj Date : 30-SEP-2006 21:52
Operator : prp Inst ID: P.i
Smp Info : MW-5D :[ ]08/31/06 @1335(WATER)
Misc Info : 681756,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	905.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
$	2 2-Fluorophenol	112	4.659	4.630	(0.719)	740638	34.8101	38
$	4 Phenol-d5	99	6.137	6.118	(0.948)	987452	37.9400	42
	5 Phenol	94	Compound Not Detected.					
	6 bis(2-Chloroethyl)Ether	93	Compound Not Detected.					
	8 2-Chlorophenol	128	Compound Not Detected.					
*	10 1,4-Dichlorobenzene-d4	152	6.476	6.467	(1.000)	263951	20.0000	
	15 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	16 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	116	Compound Not Detected.					
	18 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	19 4-Methylphenol	108	Compound Not Detected.					
$	20 Nitrobenzene-d5	82	7.420	7.401	(0.868)	804931	36.2665	40
	21 Nitrobenzene	77	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	22 Isophorone	82	Compound Not Detected.					
	23 2-Nitrophenol	139	Compound Not Detected.					
	24 2,4-Dimethylphenol	107	Compound Not Detected.					
	25 bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	26 2,4-Dichlorophenol	162	Compound Not Detected.					
*	29 Naphthalene-d8	136	8.549	8.530	(1.000)	1024147	20.0000	
	30 Naphthalene	128	Compound Not Detected.					
	31 4-Chloroaniline	127	Compound Not Detected.					
	32 Hexachlorobutadiene	224	Compound Not Detected.					
	33 4-Chloro-3-Methylphenol	107	Compound Not Detected.					
	34 2-Methylnaphthalene	142	Compound Not Detected.					
	35 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	36 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	37 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	38 2-Fluorobiphenyl	172	10.427	10.418	(0.905)	1261407	35.4277	39
	39 2-Chloronaphthalene	162	Compound Not Detected.					
	40 2-Nitroaniline	65	Compound Not Detected.					
	42 Acenaphthylene	152	Compound Not Detected.					
	41 Dimethylphthalate	163	Compound Not Detected.					
	43 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	44 Acenaphthene-d10	164	11.525	11.516	(1.000)	503837	20.0000	
	45 Acenaphthene	153	Compound Not Detected.					
	46 3-Nitroaniline	138	Compound Not Detected.					
	47 2,4-Dinitrophenol	184	Compound Not Detected.					
	48 Dibenzofuran	168	Compound Not Detected.					
	49 4-Nitrophenol	109	Compound Not Detected.					
	50 2,4-Dinitrotoluene	165	Compound Not Detected.					
	51 Fluorene	166	Compound Not Detected.					
	52 Diethylphthalate	149	Compound Not Detected.					
	53 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	54 4-Nitroaniline	138	Compound Not Detected.					
	55 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	56 N-nitrosodiphenylamine	169	Compound Not Detected.					
$	57 2,4,6-Tribromophenol	330	12.901	12.892	(0.922)	601383	117.262	130(A)
	58 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	59 Hexachlorobenzene	283	Compound Not Detected.					
	60 Pentachlorophenol	265	Compound Not Detected.					
*	61 Phenanthrene-d10	188	13.999	13.990	(1.000)	658191	20.0000	
	62 Phenanthrene	178	Compound Not Detected.					
	63 Anthracene	178	Compound Not Detected.					
	65 Di-n-butylphthalate	149	Compound Not Detected.					
	66 Fluoranthene	202	Compound Not Detected.					
	67 Pyrene	202	Compound Not Detected.					
$	68 Terphenyl-d14	244	16.369	16.361	(0.925)	869840	31.8134	35
	69 Butylbenzylphthalate	149	Compound Not Detected.					
	70 Benzo(a)anthracene	228	Compound Not Detected.					
*	71 Chrysene-d12	240	17.693	17.695	(1.000)	500133	20.0000	
	72 3,3'-Dichlorobenzidine	252	Compound Not Detected.					

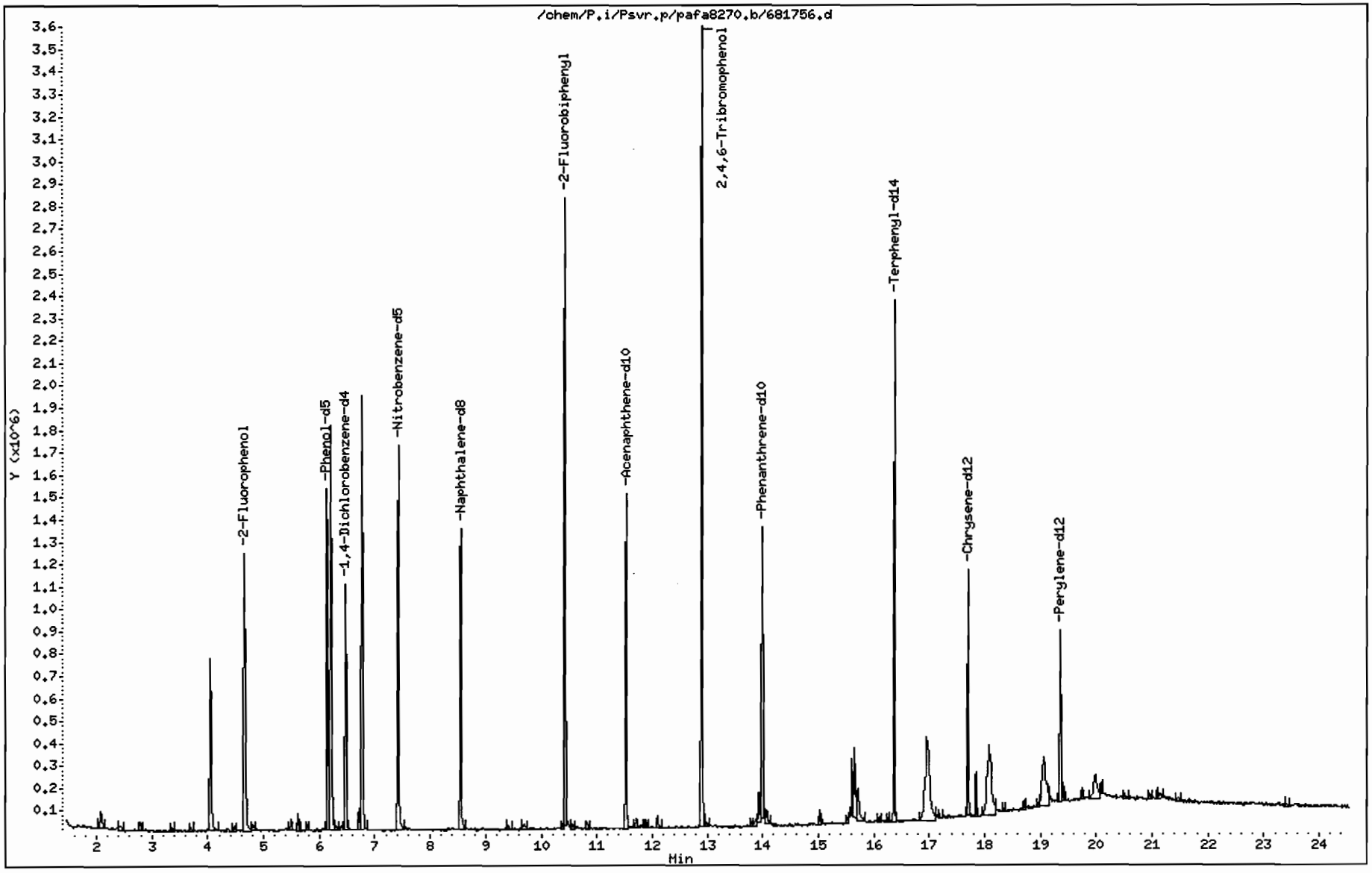
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
73 Chrysene	228	Compound Not Detected.					
74 bis(2-Ethylhexyl)phthalate	149	17.847	17.838	(1.009)	76452	2.88329	3(a)
75 Di-n-octylphthalate	149	Compound Not Detected.					
76 Benzo(b)fluoranthene	252	Compound Not Detected.					
77 Benzo(k)fluoranthene	252	Compound Not Detected.					
78 Benzo(a)pyrene	252	Compound Not Detected.					
* 79 Perylene-d12	264	19.356	19.357	(1.000)	330751	20.0000	
80 Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
81 Dibenz(a,h)anthracene	278	Compound Not Detected.					
82 Benzo(g,h,i)perylene	276	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: /chem/P.i/Psvr.p/pafa8270.b/681756.d
Date : 30-SEP-2006 21:52
Client ID: MW-5D
Sample Info: MW-5D :[ ]08/31/06 @1335(WATER)
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: prp
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681756.d
Lab Smp Id: 681756 Client Smp ID: MW-5D
Inj Date : 30-SEP-2006 21:52
Operator : prp Inst ID: P.i
Smp Info : MW-5D :[ ]08/31/06 @1335(WATER)
Misc Info : 681756,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	905.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 10 1,4-Dichlorobenzene-d4	6.476	1542294	20.000
* 71 Chrysene-d12	17.693	1465635	20.000
* 79 Perylene-d12	19.356	990620	20.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
2-Pentanone, 4-hydroxy-4-methyl-			CAS #: 123-42-2				
4.044	1338232	17.3537752	19	64	NBS75K.l	64274	10

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
16.954	2165654	29.5524121	33	0		0	71
Unknown				CAS #:			
18.073	1860658	25.3904471	28	0		0	71
Unknown				CAS #:			
19.058	1159012	23.3997105	26	0		0	79
Unknown				CAS #:			
19.982	525630	10.6121385	12	0		0	79

STL Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: P.i
Lab File ID: 681756.d
Lab Smp Id: 681756
Analysis Type: SV
Quant Type: ISTD
Operator: prp
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681756,0188_MBLK090506F,1

Calibration Date: 30-SEP-2006
Calibration Time: 14:02
Client Smp ID: MW-5D
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	234993	117496	469986	263951	12.32
29 Naphthalene-d8	864971	432486	1729942	1024147	18.40
44 Acenaphthene-d10	443503	221752	887006	503837	13.60
61 Phenanthrene-d10	632401	316200	1264802	658191	4.08
71 Chrysene-d12	556585	278292	1113170	500133	-10.14
79 Perylene-d12	565792	282896	1131584	330751	-41.54

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	6.47	6.14	6.80	6.48	0.14
29 Naphthalene-d8	8.53	8.20	8.86	8.55	0.22
44 Acenaphthene-d10	11.52	11.19	11.85	11.53	0.08
61 Phenanthrene-d10	13.99	13.66	14.32	14.00	0.06
71 Chrysene-d12	17.69	17.36	18.02	17.69	-0.01
79 Perylene-d12	19.36	19.03	19.69	19.36	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

STL Burlington

RECOVERY REPORT

Client Name: STLCTS
Client SDG: 213609
Sample Matrix: LIQUID
Fraction: SV
Lab Smp Id: 681756
Client Smp ID: MW-5D
Level: LOW
Operator: prp
Data Type: MS DATA
SampleType: SAMPLE
SpikeList File: OLClcs.spk
Quant Type: ISTD
Sublist File: OLC.sub
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681756,0188_MBLK090506F,1

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 2 2-Fluorophenol	44	38	87.03	15-121
$ 4 Phenol-d5	44	42	94.85	15-115
$ 20 Nitrobenzene-d5	44	40	90.67	23-120
$ 38 2-Fluorobiphenyl	44	39	88.57	30-115
$ 57 2,4,6-Tribromophen	130	130	97.72	15-130
$ 68 Terphenyl-d14	44	35	79.53	18-140

Data File: /chem/P.i/Psvr.p/pafa8270.b/681756.d

Date : 30-SEP-2006 21:52

Client ID: MW-5D

Instrument: P.i

Sample Info: MW-5D :[ ]08/31/06 @1335(WATER)

Volume Injected (uL): 1.0

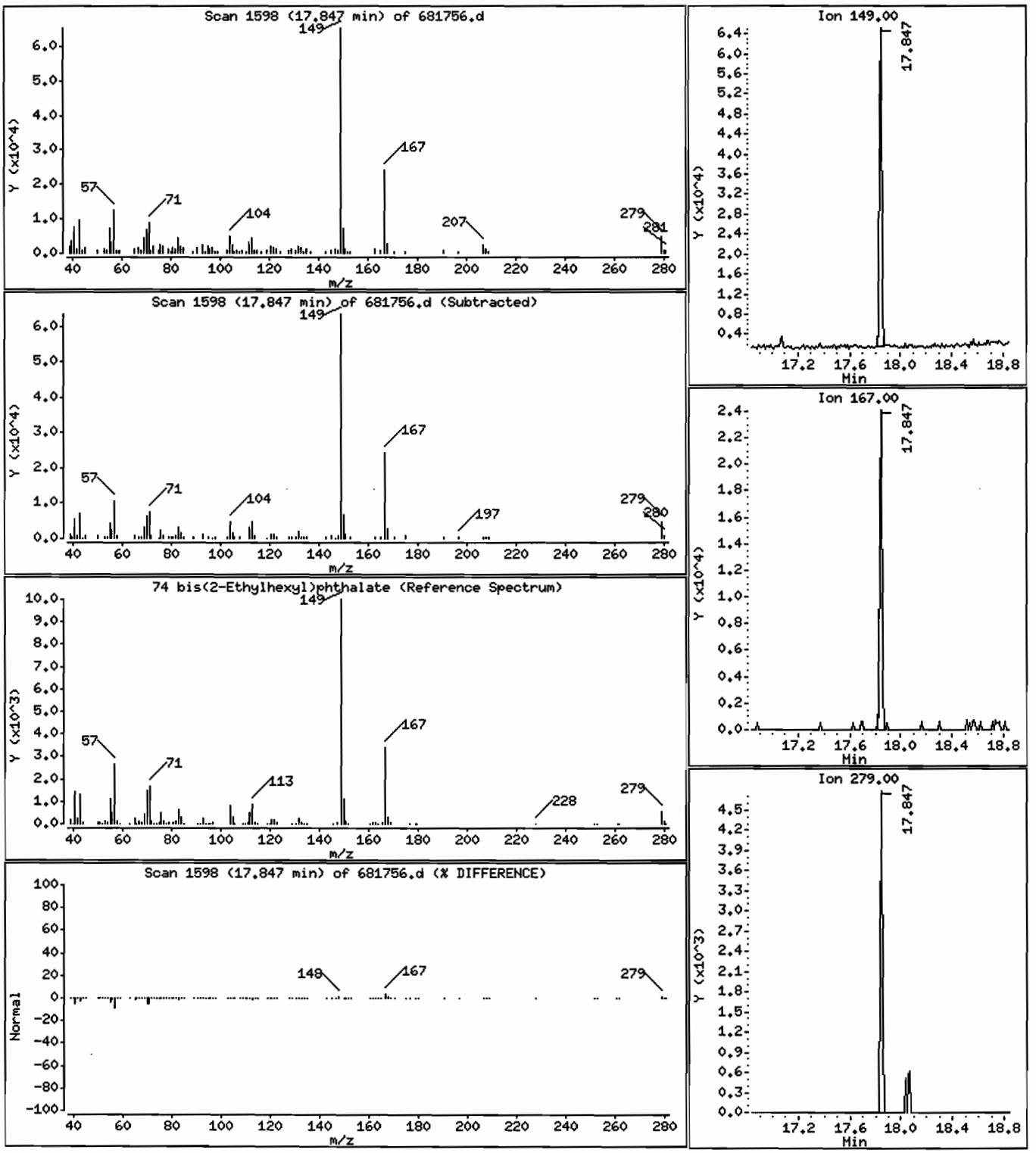
Operator: prp

Column phase: RTx-5

Column diameter: 0.25

74 bis(2-Ethylhexyl)phthalate

Concentration: 3 ug/L



Data File: /chem/P.i/Psvr.p/pafa8270.b/681756.d

Date : 30-SEP-2006 21:52

Client ID: MW-5D

Instrument: P.i

Sample Info: MW-5D :[108/31/06 @1335(WATER)

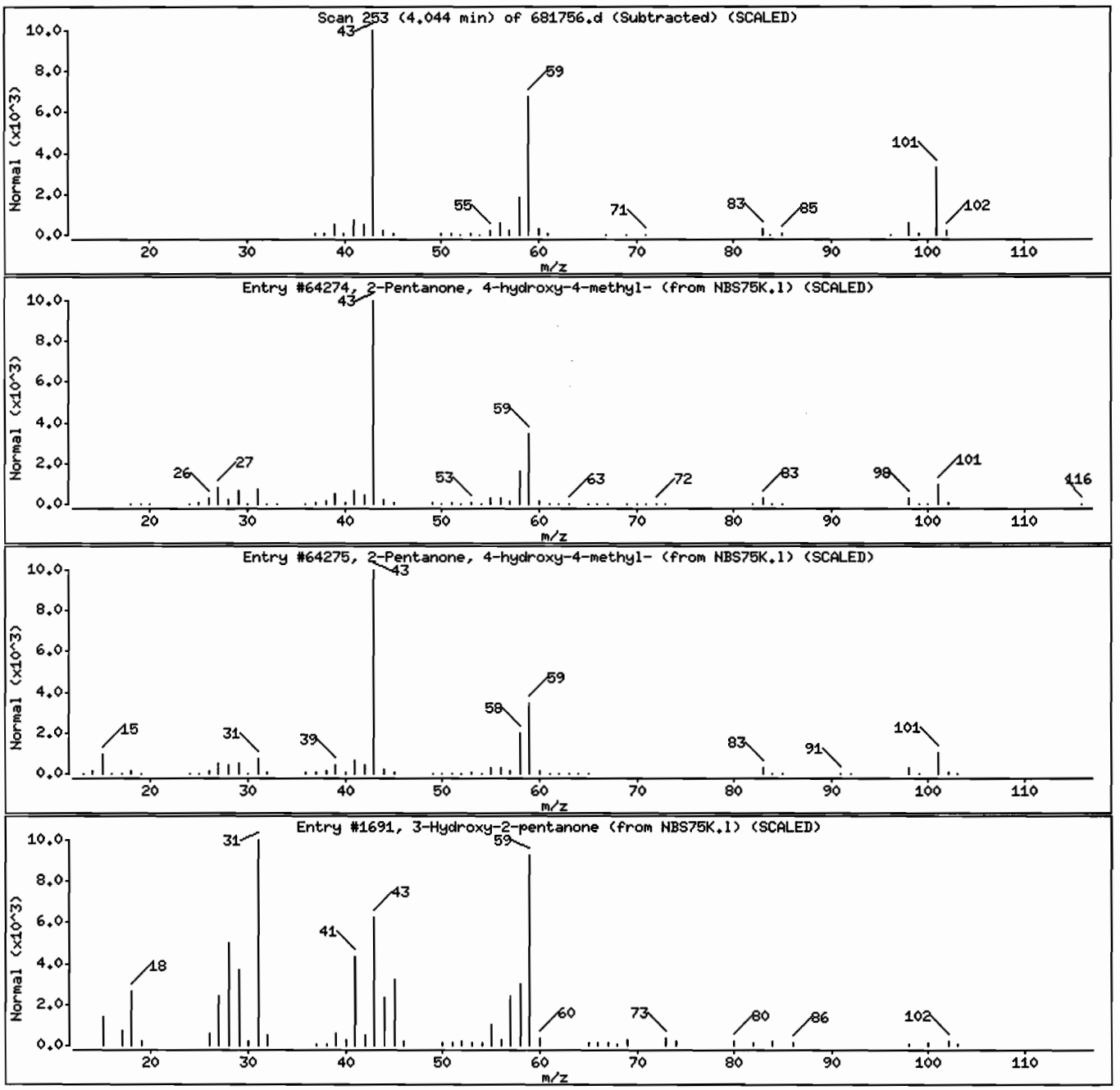
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64274	64	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64275	39	C6H12O2	116
3-Hydroxy-2-pentanone	3142-66-3	NBS75K.l	1691	25	C5H10O2	102



Data File: /chem/P.i/Psvr.p/pafa8270.b/681756.d

Date : 30-SEP-2006 21:52

Client ID: MW-5D

Instrument: P.i

Sample Info: MW-5D :[ ]08/31/06 @1335(WATER)

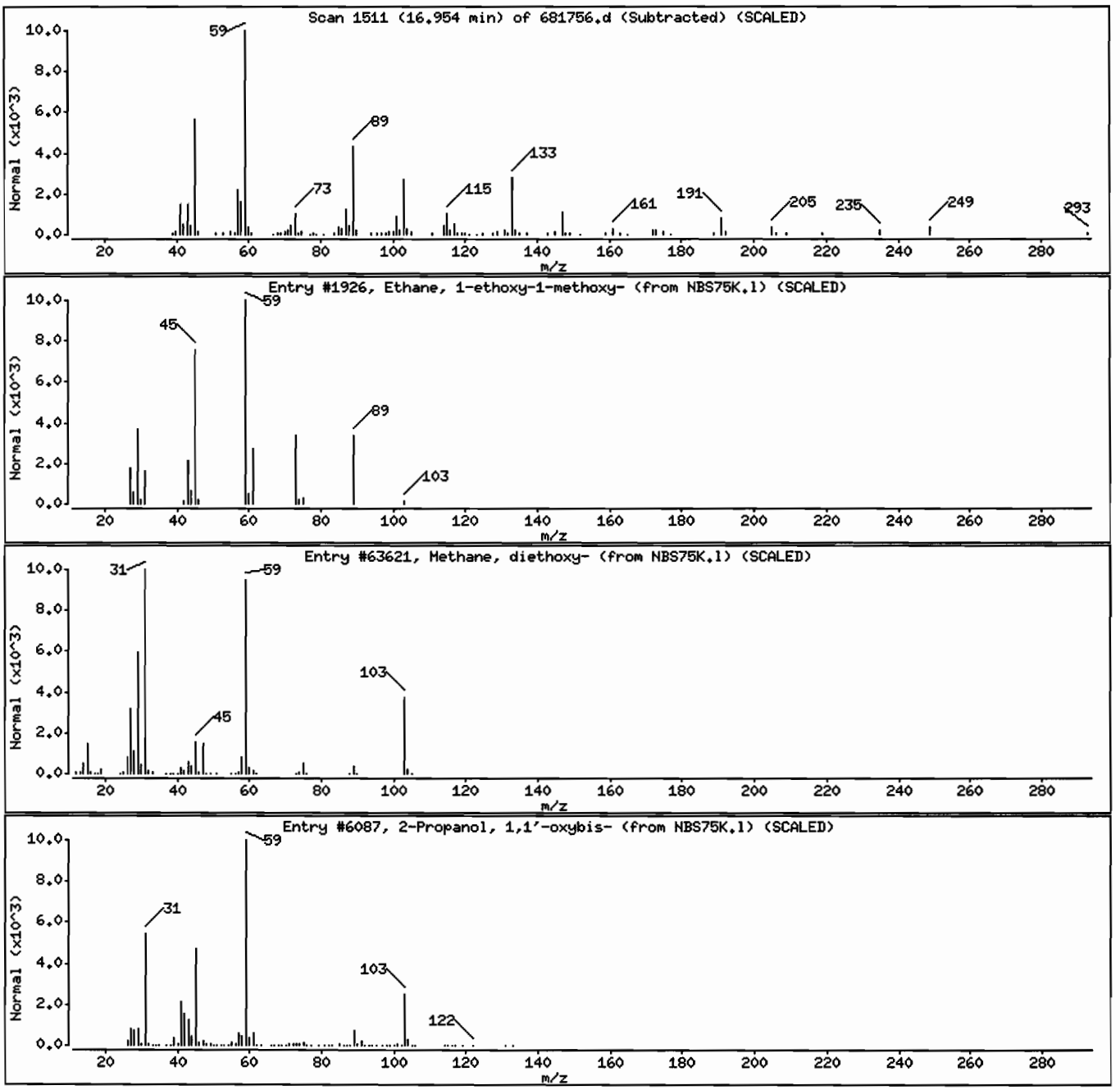
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Ethane, 1-ethoxy-1-methoxy-	10471-14-4	NBS75K.l	1926	50	C5H12O2	104
Methane, diethoxy-	462-95-3	NBS75K.l	63621	38	C5H12O2	104
2-Propanol, 1,1'-oxybis-	110-98-5	NBS75K.l	6087	38	C6H14O3	134



Data File: /chem/P.i/Psvr.p/pafa8270.b/681756.d

Date : 30-SEP-2006 21:52

Client ID: MW-5D

Instrument: P.i

Sample Info: MW-5D :[ ]08/31/06 @1335(WATER)

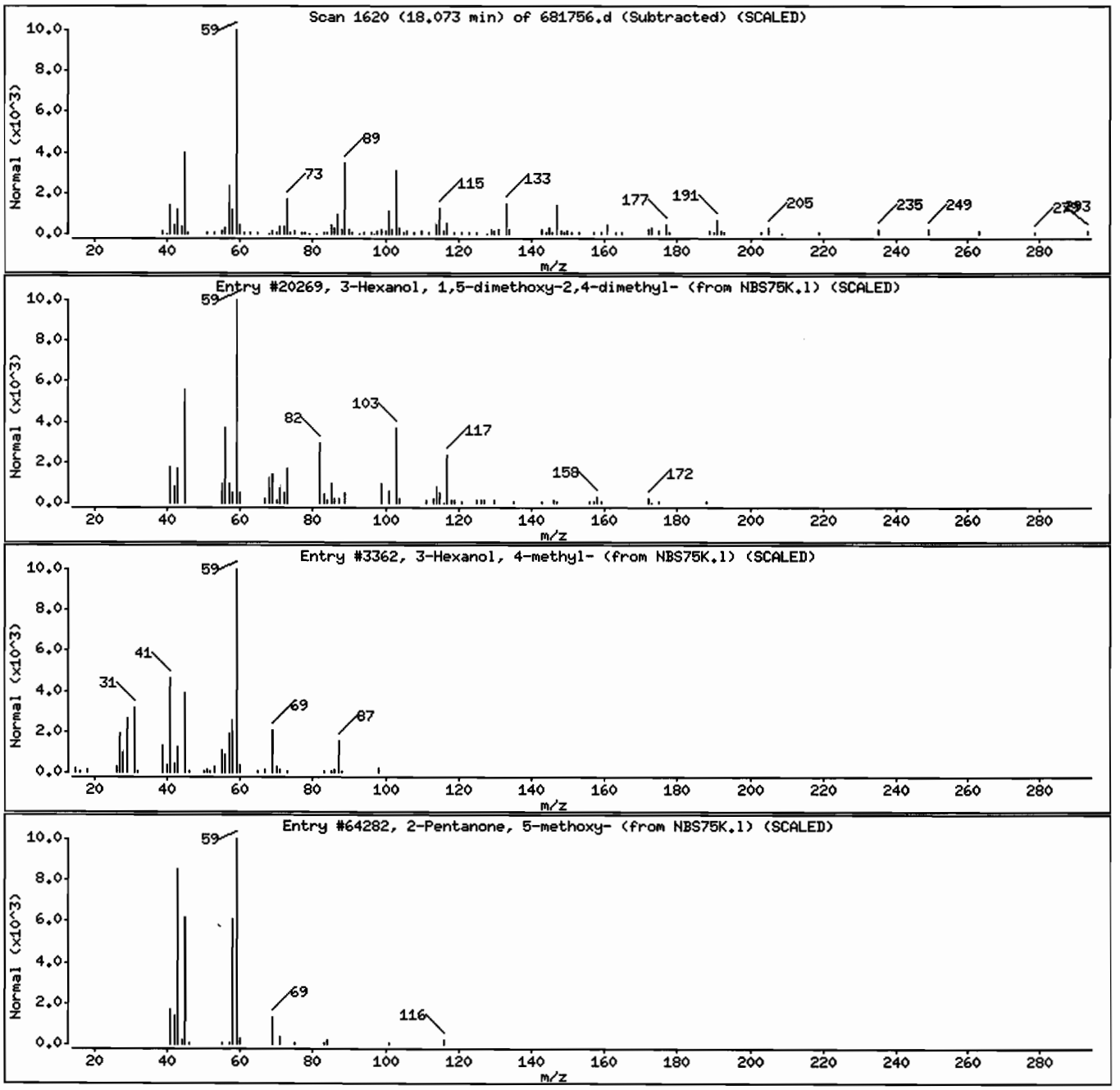
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
3-Hexanol, 1,5-dimethoxy-2,4-dimethyl-	13897-22-8	NBS75K.l	20269	59	C10H2203	190
3-Hexanol, 4-methyl-	615-29-2	NBS75K.l	3362	47	C7H160	116
2-Pentanone, 5-methoxy-	17429-04-8	NBS75K.l	64282	46	C6H1202	116



Data File: /chem/P.i/Psvr.p/pafa8270.b/681756.d

Date : 30-SEP-2006 21:52

Client ID: MW-5D

Instrument: P.i

Sample Info: MW-5D :[ ]08/31/06 @1335(WATER)

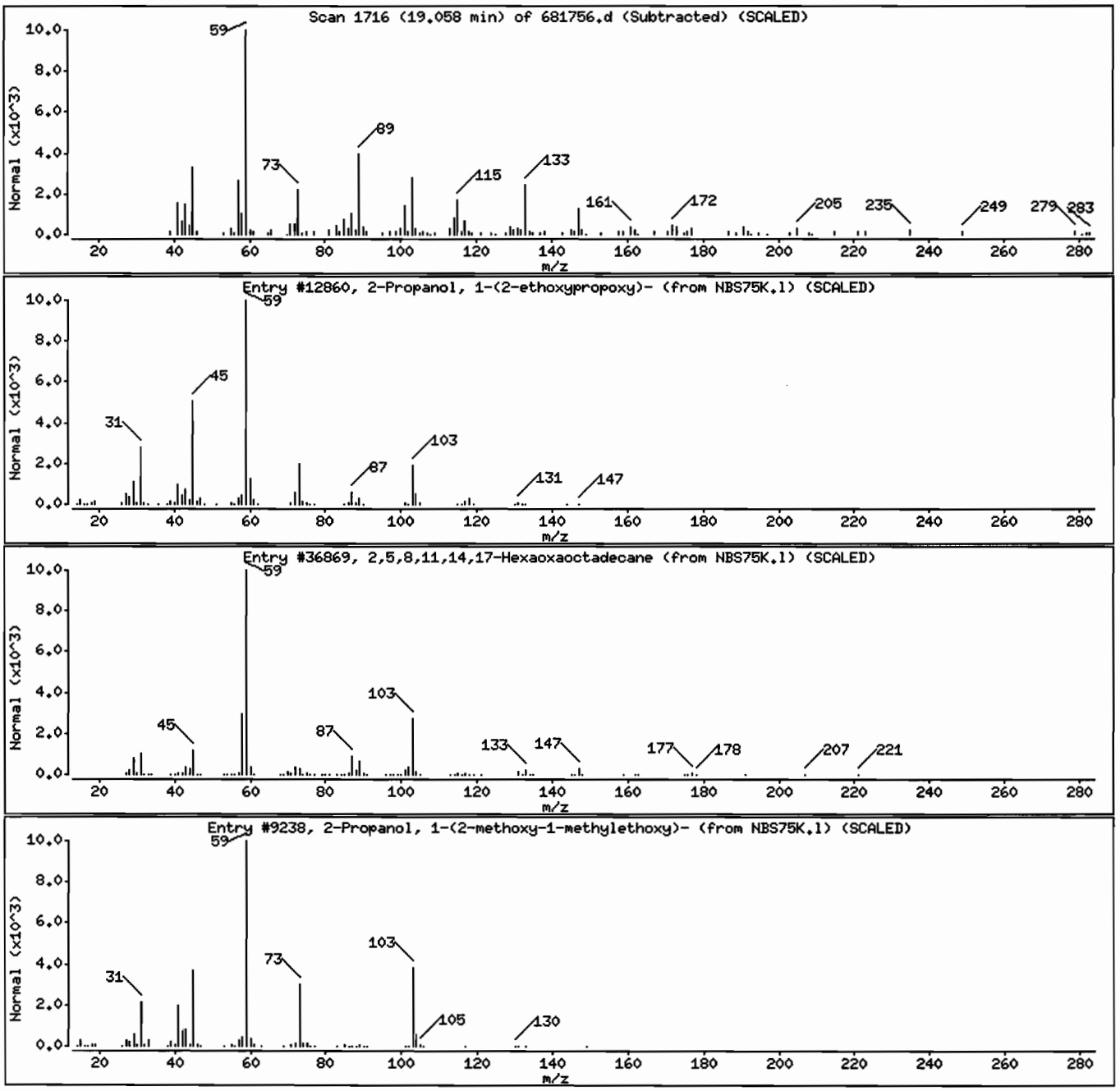
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Propanol, 1-(2-ethoxypropoxy)-	10143-32-5	NBS75K.l	12860	47	C8H1803	162
2,5,8,11,14,17-Hexaoxaoctadecane	1191-87-3	NBS75K.l	36869	38	C12H2606	266
2-Propanol, 1-(2-methoxy-1-methylethoxy)	20324-32-7	NBS75K.l	9238	37	C7H1603	148



Data File: /chem/P.i/Psvr.p/pafa8270.b/681756.d

Date : 30-SEP-2006 21:52

Client ID: MW-5D

Instrument: P.i

Sample Info: MW-5D :[ ]08/31/06 @1335(WATER)

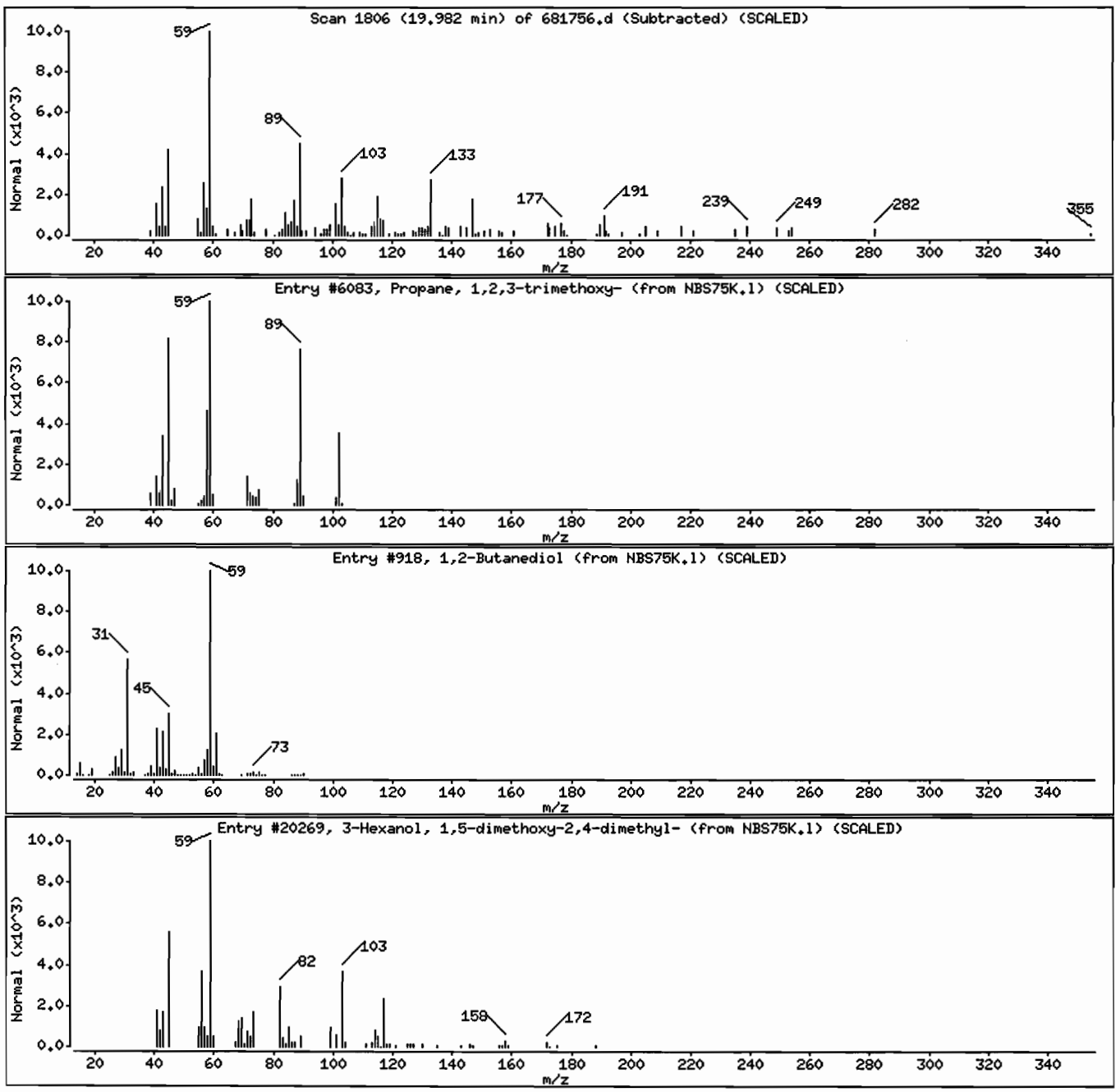
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Propane, 1,2,3-trimethoxy-	20637-49-4	NBS75K.l	6083	40	C6H1403	134
1,2-Butanediol	584-03-2	NBS75K.l	918	38	C4H1002	90
3-Hexanol, 1,5-dimethoxy-2,4-dimethyl-	13897-22-8	NBS75K.l	20269	38	C10H2203	190



1LCB

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6D

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681562 Date Received: 09/01/06

Lab File ID: 681562 Date Extracted: 09/03/06

Sample Volume: 980.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

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

1LCC

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6D

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681562 Date Received: 09/01/06

Lab File ID: 681562 Date Extracted: 09/03/06

Sample Volume: 980.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
51-28-5	2,4-Dinitrophenol	20	U
132-64-9	Dibenzofuran	5	U
100-02-7	4-Nitrophenol	20	U
121-14-2	2,4-Dinitrotoluene	5	U
86-73-7	Fluorene	5	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-nitrosodiphenylamine (1)	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
56-55-3	Benzo(a)anthracene	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)phthalate	20	
117-84-0	Di-n-octylphthalate	5	U
205-99-2	Benzo(b)fluoranthene	5	U
207-08-9	Benzo(k)fluoranthene	5	U
50-32-8	Benzo(a)pyrene	5	U
193-39-5	Indeno(1,2,3-cd)pyrene	5	U
53-70-3	Dibenz(a,h)anthracene	5	U
191-24-2	Benzo(g,h,i)perylene	5	U

(1) - Cannot be separated from Diphenylamine

1LCF

EPA SAMPLE NO.

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW-6D

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681562 Date Received: 09/01/06

Lab File ID: 681562 Date Extracted: 09/03/06

Sample Volume: 980.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

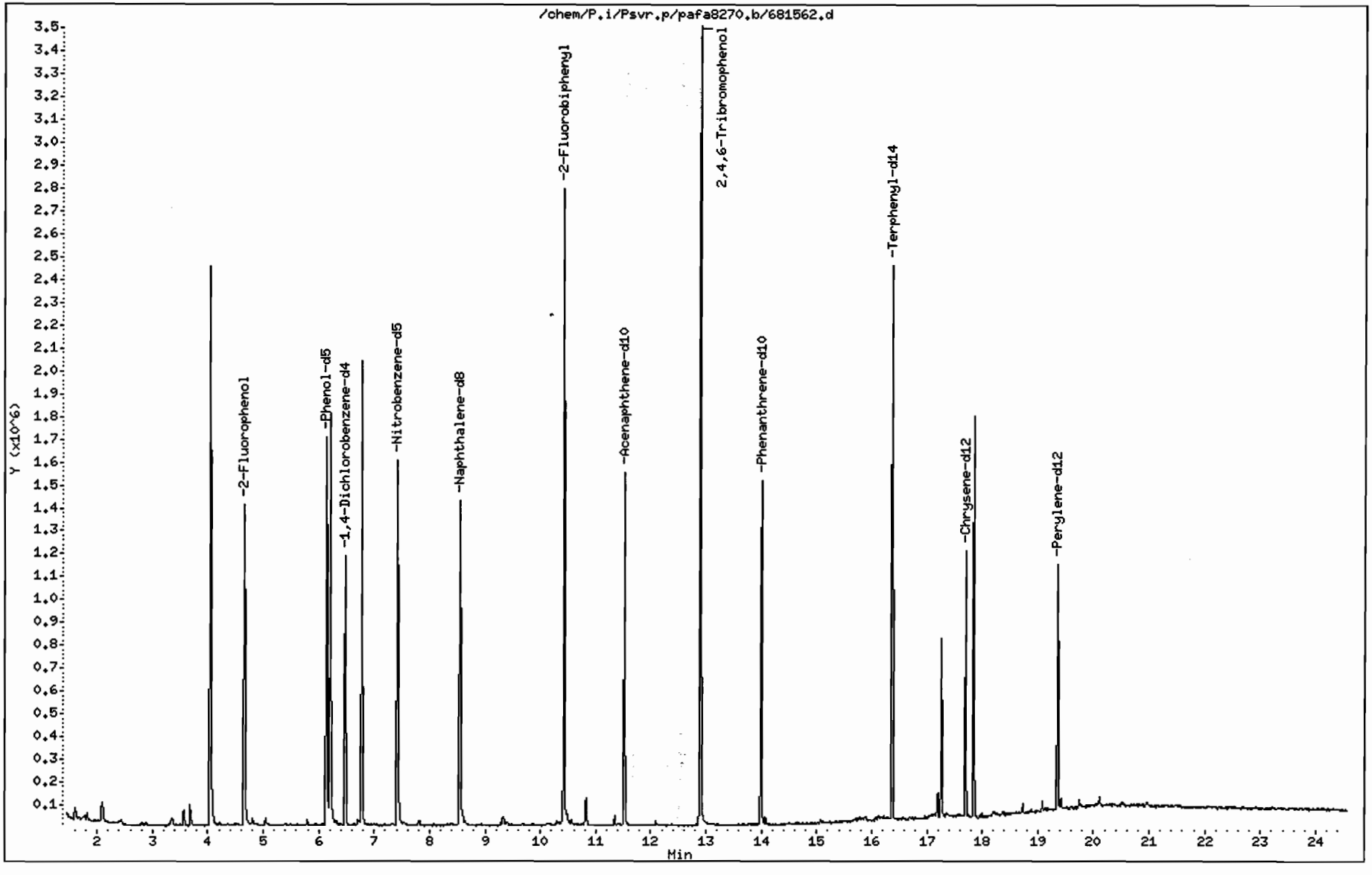
Injection Volume: 1 (uL)

Number TICs found: 2

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC. (ug/L)	Q
1.	123-42-2	2-PENTANONE, 4-HYDROXY-4-MET	4.05	58	NJAB
2.	78-51-3	ETHANOL, 2-BUTOXY-, PHOSPHAT	17.26	10	NJ
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: /chem/P.i/Psvr.p/pafa8270.b/681562.d
Date : 30-SEP-2006 18:32
Client ID: MW-6D
Sample Info: MW-6D :[ ]08/30/06 @0950(WATER)
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: prp
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681562.d
Lab Smp Id: 681562 Client Smp ID: MW-6D
Inj Date : 30-SEP-2006 18:32
Operator : prp Inst ID: P.i
Smp Info : MW-6D :[ ]08/30/06 @0950(WATER)
Misc Info : 681562,0188_MBLK090306D,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	980.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
$	2	2-Fluorophenol	112	4.657	4.630	(0.719)	731939	33.8345	35
$	4	Phenol-d5	99	6.135	6.118	(0.948)	1006642	38.0402	39
	5	Phenol	94	Compound Not Detected.					
	6	bis(2-Chloroethyl)Ether	93	Compound Not Detected.					
	8	2-Chlorophenol	128	Compound Not Detected.					
*	10	1,4-Dichlorobenzene-d4	152	6.474	6.467	(1.000)	268372	20.0000	
	15	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	16	2-Methylphenol	108	Compound Not Detected.					
	17	Hexachloroethane	116	Compound Not Detected.					
	18	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	19	4-Methylphenol	108	Compound Not Detected.					
$	20	Nitrobenzene-d5	82	7.418	7.401	(0.868)	782025	35.0407	36
	21	Nitrobenzene	77	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	22 Isophorone	82	Compound Not Detected.					
	23 2-Nitrophenol	139	Compound Not Detected.					
	24 2,4-Dimethylphenol	107	Compound Not Detected.					
	25 bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	26 2,4-Dichlorophenol	162	Compound Not Detected.					
*	29 Naphthalene-d8	136	8.547	8.530	(1.000)	1029810	20.0000	
	30 Naphthalene	128	Compound Not Detected.					
	31 4-Chloroaniline	127	Compound Not Detected.					
	32 Hexachlorobutadiene	224	Compound Not Detected.					
	33 4-Chloro-3-Methylphenol	107	Compound Not Detected.					
	34 2-Methylnaphthalene	142	Compound Not Detected.					
	35 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	36 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	37 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	38 2-Fluorobiphenyl	172	10.425	10.418	(0.905)	1239418	33.4163	34
	39 2-Chloronaphthalene	162	Compound Not Detected.					
	40 2-Nitroaniline	65	Compound Not Detected.					
	42 Acenaphthylene	152	Compound Not Detected.					
	41 Dimethylphthalate	163	Compound Not Detected.					
	43 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	44 Acenaphthene-d10	164	11.523	11.516	(1.000)	524853	20.0000	
	45 Acenaphthene	153	Compound Not Detected.					
	46 3-Nitroaniline	138	Compound Not Detected.					
	47 2,4-Dinitrophenol	184	Compound Not Detected.					
	48 Dibenzofuran	168	Compound Not Detected.					
	49 4-Nitrophenol	109	Compound Not Detected.					
	50 2,4-Dinitrotoluene	165	Compound Not Detected.					
	51 Fluorene	166	Compound Not Detected.					
	52 Diethylphthalate	149	Compound Not Detected.					
	53 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	54 4-Nitroaniline	138	Compound Not Detected.					
	55 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	56 N-nitrosodiphenylamine	169	Compound Not Detected.					
$	57 2,4,6-Tribromophenol	330	12.899	12.892	(0.922)	587896	101.333	100(A)
	58 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	59 Hexachlorobenzene	283	Compound Not Detected.					
	60 Pentachlorophenol	265	Compound Not Detected.					
*	61 Phenanthrene-d10	188	13.997	13.990	(1.000)	744573	20.0000	
	62 Phenanthrene	178	Compound Not Detected.					
	63 Anthracene	178	Compound Not Detected.					
	65 Di-n-butylphthalate	149	Compound Not Detected.					
	66 Fluoranthene	202	Compound Not Detected.					
	67 Pyrene	202	Compound Not Detected.					
$	68 Terphenyl-d14	244	16.368	16.361	(0.925)	1021550	34.5794	35
	69 Butylbenzylphthalate	149	Compound Not Detected.					
	70 Benzo(a)anthracene	228	Compound Not Detected.					
*	71 Chrysene-d12	240	17.702	17.695	(1.000)	540379	20.0000	
	72 3,3'-Dichlorobenzidine	252	Compound Not Detected.					

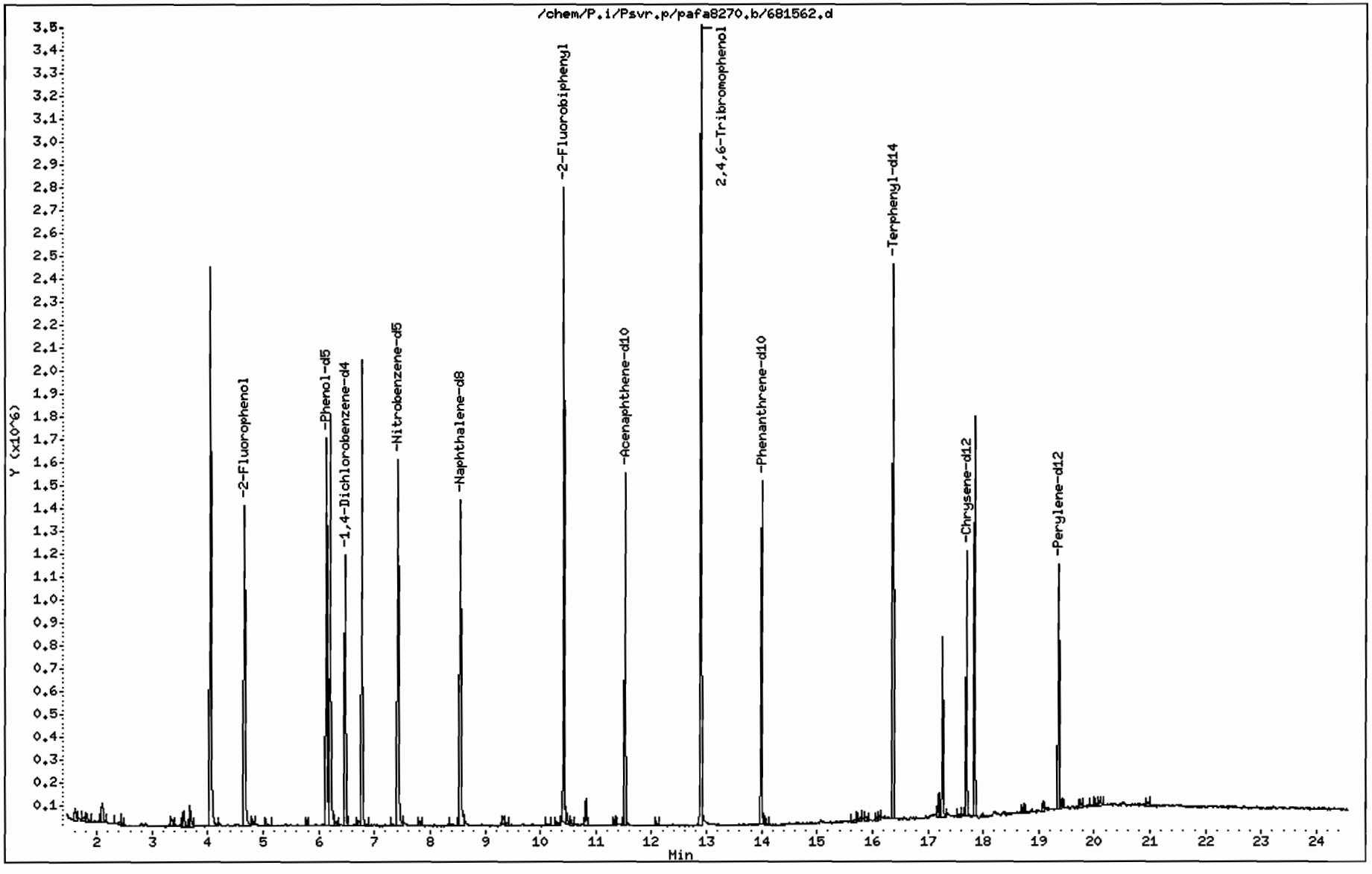
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
73	Chrysene	228	Compound Not Detected.					
74	bis(2-Ethylhexyl)phthalate	149	17.846	17.838	(1.008)	559875	19.5424	20
75	Di-n-octylphthalate	149	Compound Not Detected.					
76	Benzo(b)fluoranthene	252	Compound Not Detected.					
77	Benzo(k)fluoranthene	252	Compound Not Detected.					
78	Benzo(a)pyrene	252	Compound Not Detected.					
* 79	Perylene-d12	264	19.354	19.357	(1.000)	437109	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
81	Dibenz(a,h)anthracene	278	Compound Not Detected.					
82	Benzo(g,h,i)perylene	276	Compound Not Detected.					

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/P.i/Psvr.p/pafa8270.b/681562.d
Date : 30-SEP-2006 18:32
Client ID: MW-6D
Sample Info: MW-6D :[ ]08/30/06 @0950(WATER)
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: prp
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681562.d
Lab Smp Id: 681562 Client Smp ID: MW-6D
Inj Date : 30-SEP-2006 18:32
Operator : prp Inst ID: P.i
Smp Info : MW-6D :[ ]08/30/06 @0950(WATER)
Misc Info : 681562,0188_MBLK090306D,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	980.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 10 1,4-Dichlorobenzene-d4	6.474	1564284	20.000
* 71 Chrysene-d12	17.702	1601222	20.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
2-Pentanone, 4-hydroxy-4-methyl-			CAS #: 123-42-2				
4.052	4457085	56.9855942	58	50	NBS75K.l	64274	10

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Ethanol, 2-butoxy-, phosphate (3:1)				CAS #: 78-51-3			
17.261	783513	9.78643108	10	50	NBS75K.l	53673	71(L)

QC Flag Legend

L - Operator selected an alternate library search match.

STL Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: P.i
Lab File ID: 681562.d
Lab Smp Id: 681562
Analysis Type: SV
Quant Type: ISTD
Operator: prp
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681562,0188_MBLK090306D,1

Calibration Date: 30-SEP-2006
Calibration Time: 14:02
Client Smp ID: MW-6D
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	234993	117496	469986	268372	14.20
29 Naphthalene-d8	864971	432486	1729942	1029810	19.06
44 Acenaphthene-d10	443503	221752	887006	524853	18.34
61 Phenanthrene-d10	632401	316200	1264802	744573	17.74
71 Chrysene-d12	556585	278292	1113170	540379	-2.91
79 Perylene-d12	565792	282896	1131584	437109	-22.74

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	6.47	6.14	6.80	6.47	0.11
29 Naphthalene-d8	8.53	8.20	8.86	8.55	0.20
44 Acenaphthene-d10	11.52	11.19	11.85	11.52	0.06
61 Phenanthrene-d10	13.99	13.66	14.32	14.00	0.05
71 Chrysene-d12	17.69	17.36	18.02	17.70	0.04
79 Perylene-d12	19.36	19.03	19.69	19.35	-0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

STL Burlington

RECOVERY REPORT

Client Name: STLCTS
Client SDG: 213609
Sample Matrix: LIQUID
Fraction: SV
Lab Smp Id: 681562
Client Smp ID: MW-6D
Level: LOW
Operator: prp
Data Type: MS DATA
SampleType: SAMPLE
SpikeList File: OLClcs.spk
Quant Type: ISTD
Sublist File: OLC.sub
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681562,0188_MBLK090306D,1

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 2 2-Fluorophenol	41	35	84.59	15-121
$ 4 Phenol-d5	41	39	95.10	15-115
$ 20 Nitrobenzene-d5	41	36	87.60	23-120
$ 38 2-Fluorobiphenyl	41	34	83.54	30-115
$ 57 2,4,6-Tribromophen	120	100	84.44	15-130
$ 68 Terphenyl-d14	41	35	86.45	18-140

Data File: /chem/P.i/Psvr.p/pafa8270.b/681562.d

Date : 30-SEP-2006 18:32

Client ID: MW-6D

Instrument: P.i

Sample Info: MW-6D :[ ]08/30/06 @0950(WATER)

Volume Injected (uL): 1.0

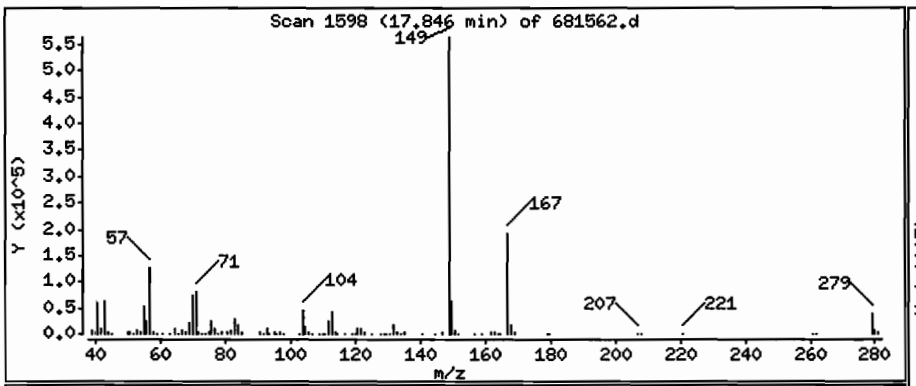
Operator: prp

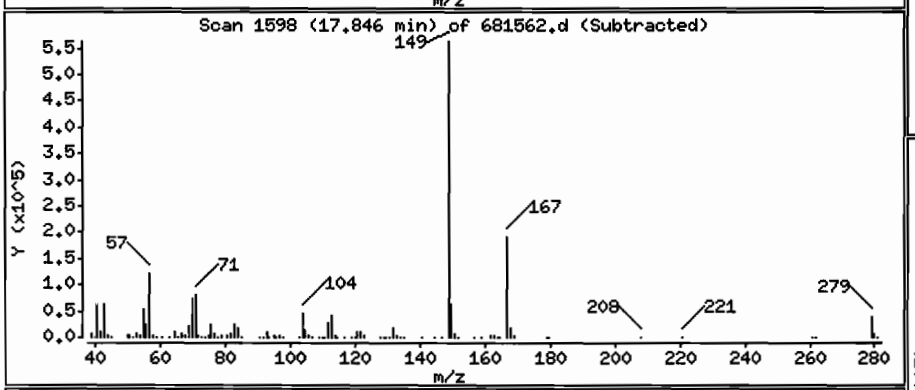
Column phase: RTx-5

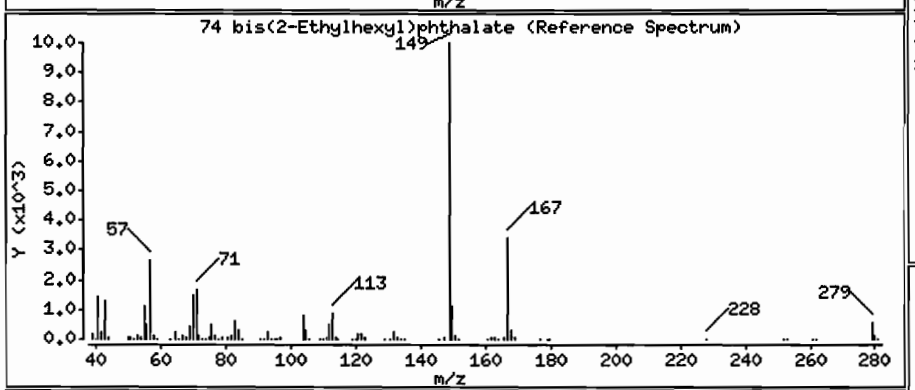
Column diameter: 0.25

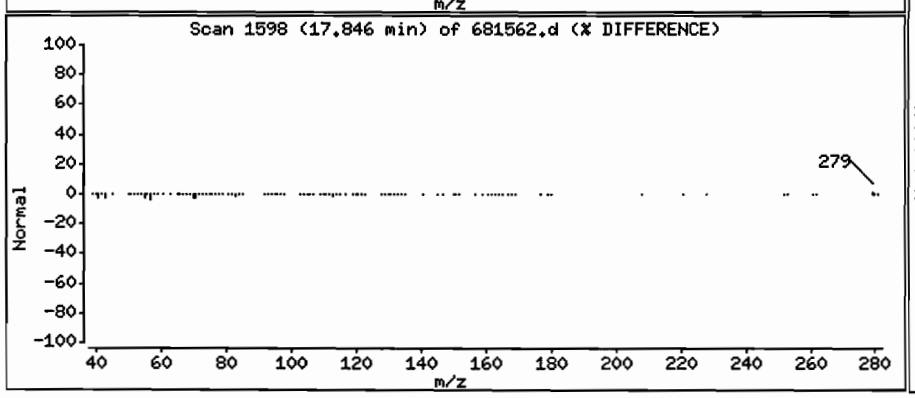
74 bis(2-Ethylhexyl)phthalate

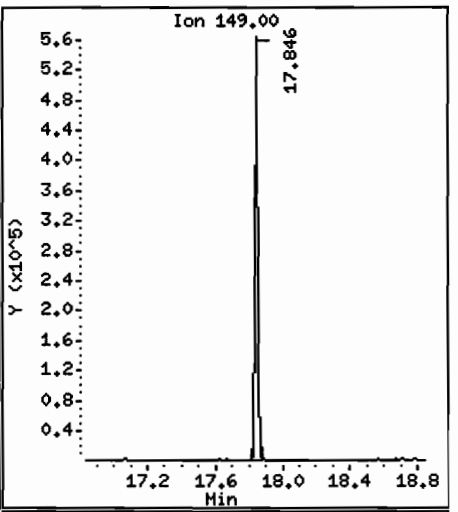
Concentration: 20 ug/L

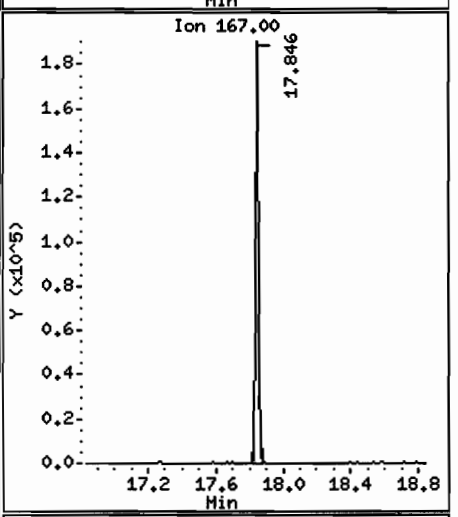


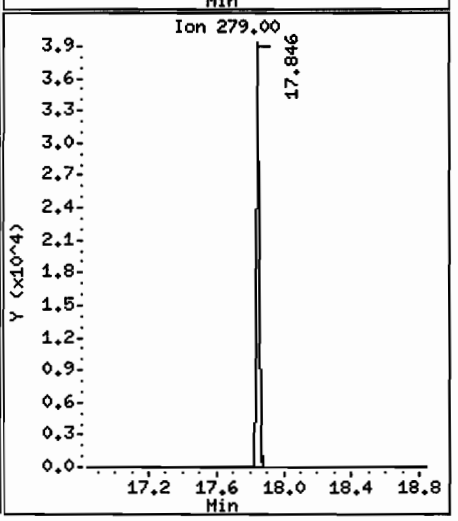












Data File: /chem/P.i/Psvr.p/pafa8270.b/681562.d

Date : 30-SEP-2006 18:32

Client ID: MW-6D

Instrument: P.i

Sample Info: MW-6D :[308/30/06 @0950(WATER)

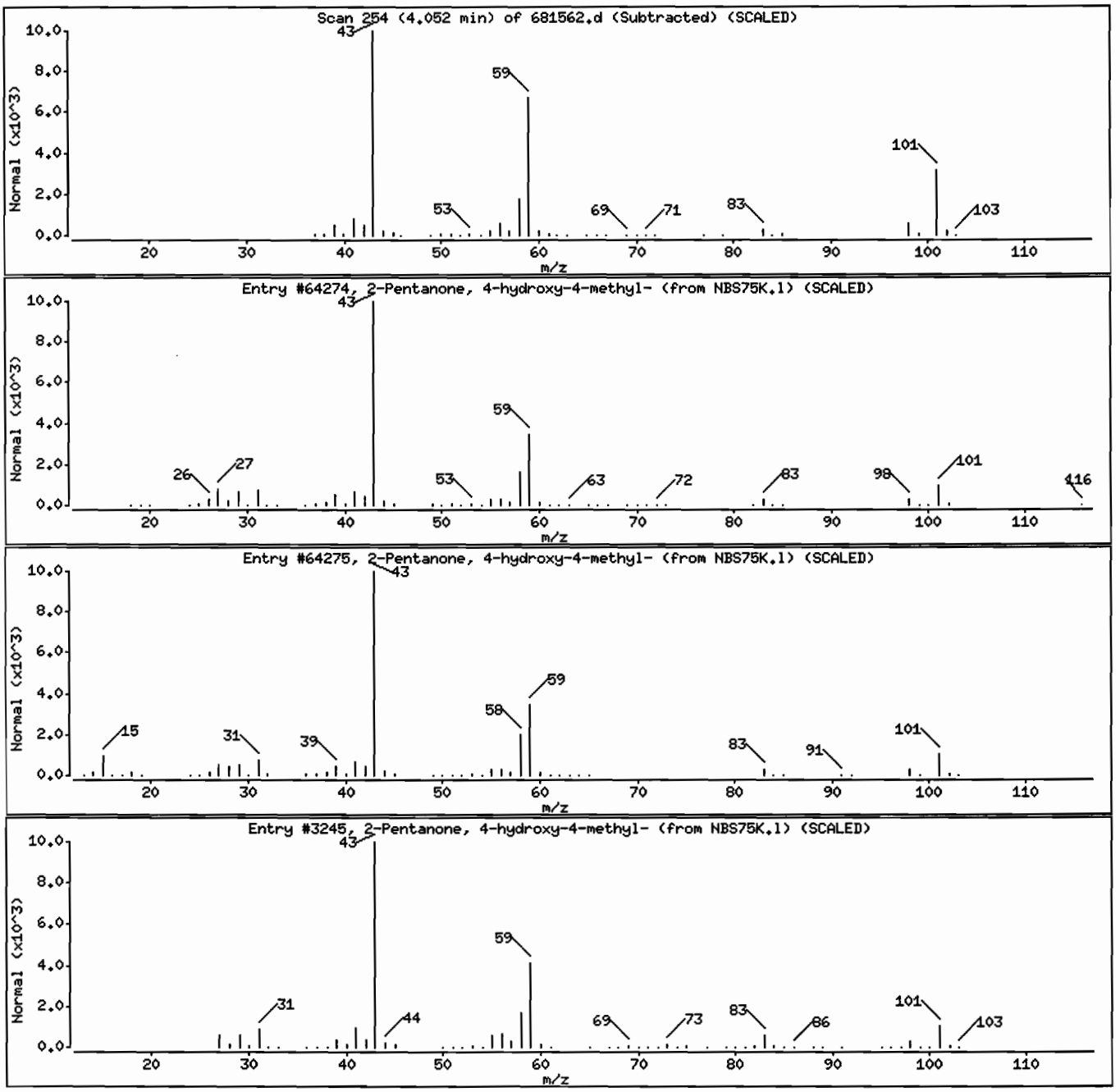
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64274	50	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64275	38	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	3245	33	C6H12O2	116



Data File: /chem/P.i/Psvr.p/pafa8270.b/681562.d

Date : 30-SEP-2006 18:32

Client ID: MW-6D

Instrument: P.i

Sample Info: MW-6D :[ ]08/30/06 @0950(WATER)

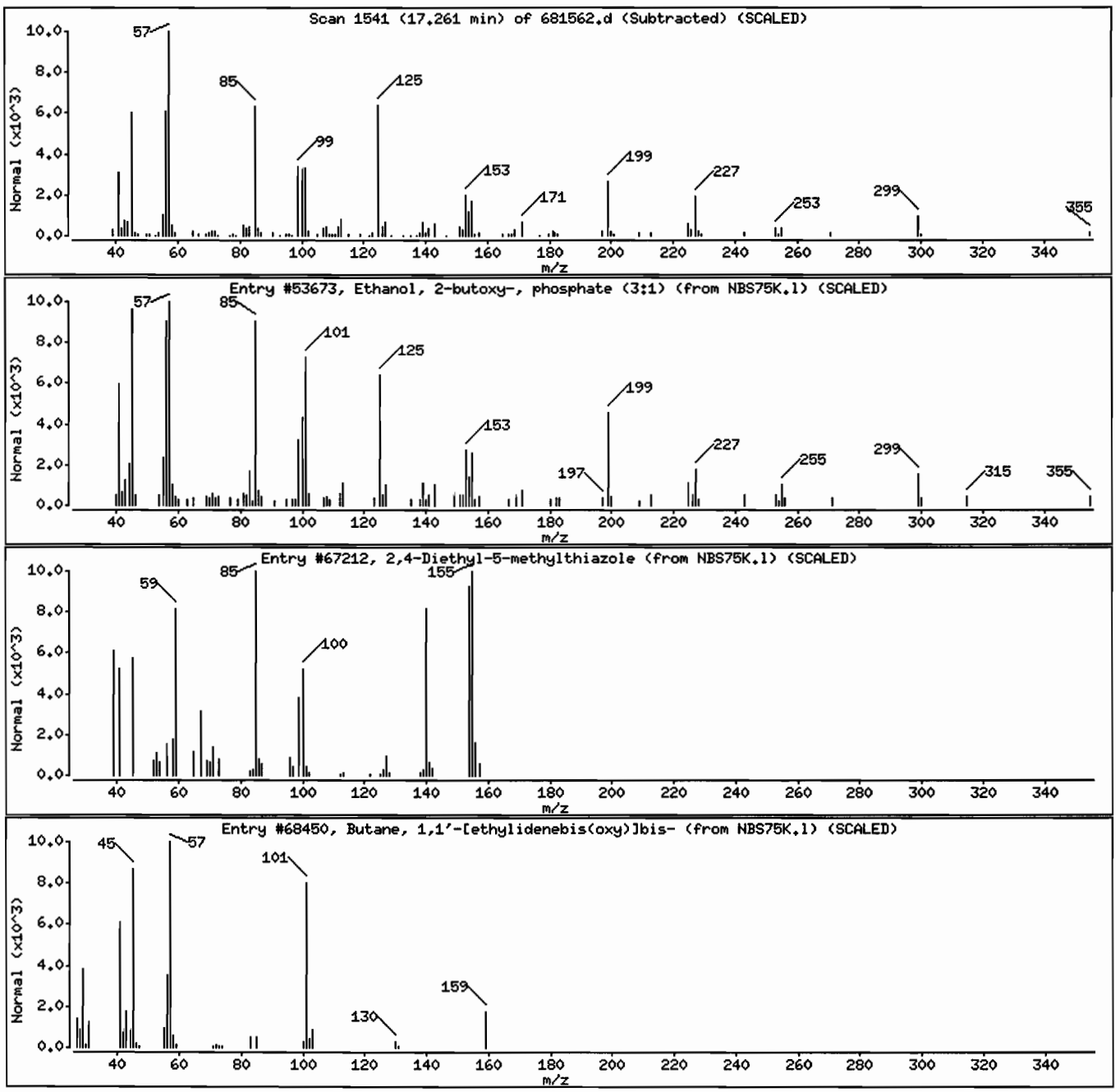
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethanol, 2-butoxy-, phosphate (3:1)	78-51-3	NBS75K.l	53673	50	C18H3907P	398
2,4-Diethyl-5-methylthiazole	52414-89-8	NBS75K.l	67212	38	C8H13NS	155
Butane, 1,1'-[ethylidenebis(oxy)]bis-	871-22-7	NBS75K.l	68450	14	C10H2202	174



1LCB

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB082906

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681561 Date Received: 09/01/06

Lab File ID: 681561 Date Extracted: 09/03/06

Sample Volume: 890.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
108-95-2	Phenol	6	U
111-44-4	bis(2-Chloroethyl)Ether	6	U
95-57-8	2-Chlorophenol	6	U
108-60-1	2,2'-oxybis(1-Chloropropane)	6	U
95-48-7	2-Methylphenol	6	U
67-72-1	Hexachloroethane	6	U
621-64-7	N-Nitroso-di-n-propylamine	6	U
106-44-5	4-Methylphenol	6	U
98-95-3	Nitrobenzene	6	U
78-59-1	Isophorone	6	U
88-75-5	2-Nitrophenol	6	U
105-67-9	2,4-Dimethylphenol	6	U
111-91-1	bis(2-Chloroethoxy)methane	6	U
120-83-2	2,4-Dichlorophenol	6	U
91-20-3	Naphthalene	6	U
106-47-8	4-Chloroaniline	6	U
87-68-3	Hexachlorobutadiene	6	U
59-50-7	4-Chloro-3-Methylphenol	6	U
91-57-6	2-Methylnaphthalene	6	U
77-47-4	Hexachlorocyclopentadiene	6	U
88-06-2	2,4,6-Trichlorophenol	6	U
95-95-4	2,4,5-Trichlorophenol	22	U
91-58-7	2-Chloronaphthalene	6	U
88-74-4	2-Nitroaniline	22	U
131-11-3	Dimethylphthalate	6	U
208-96-8	Acenaphthylene	6	U
606-20-2	2,6-Dinitrotoluene	6	U
83-32-9	Acenaphthene	6	U
99-09-2	3-Nitroaniline	22	U

1LCC

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB082906

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681561 Date Received: 09/01/06

Lab File ID: 681561 Date Extracted: 09/03/06

Sample Volume: 890.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
51-28-5	2,4-Dinitrophenol	22	U
132-64-9	Dibenzofuran	6	U
100-02-7	4-Nitrophenol	22	U
121-14-2	2,4-Dinitrotoluene	6	U
86-73-7	Fluorene	6	U
84-66-2	Diethylphthalate	6	U
7005-72-3	4-Chlorophenyl-phenylether	6	U
100-01-6	4-Nitroaniline	22	U
534-52-1	4,6-Dinitro-2-methylphenol	22	U
86-30-6	N-nitrosodiphenylamine (1)	6	U
101-55-3	4-Bromophenyl-phenylether	6	U
118-74-1	Hexachlorobenzene	6	U
87-86-5	Pentachlorophenol	22	U
85-01-8	Phenanthrene	6	U
120-12-7	Anthracene	6	U
84-74-2	Di-n-butylphthalate	6	U
206-44-0	Fluoranthene	6	U
129-00-0	Pyrene	6	U
85-68-7	Butylbenzylphthalate	6	U
56-55-3	Benzo(a)anthracene	6	U
91-94-1	3,3'-Dichlorobenzidine	6	U
218-01-9	Chrysene	6	U
117-81-7	bis(2-Ethylhexyl)phthalate	6	U
117-84-0	Di-n-octylphthalate	6	U
205-99-2	Benzo(b)fluoranthene	6	U
207-08-9	Benzo(k)fluoranthene	6	U
50-32-8	Benzo(a)pyrene	6	U
193-39-5	Indeno(1,2,3-cd)pyrene	6	U
53-70-3	Dibenz(a,h)anthracene	6	U
191-24-2	Benzo(g,h,i)perylene	6	U

(1) - Cannot be separated from Diphenylamine

1LCF

EPA SAMPLE NO.

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FB082906

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681561 Date Received: 09/01/06

Lab File ID: 681561 Date Extracted: 09/03/06

Sample Volume: 890.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

Number TICs found: 2

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC. (ug/L)	Q
1.	123-42-2	2-PENTANONE, 4-HYDROXY-4-MET	4.05	52	NJAB
2.	119-61-9	BENZOPHENONE	12.78	20	NJ
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: /chem/P.i/Psvr.p/pafa8270.b/681561.d

Date : 30-SEP-2006 17:59

Client ID: FB082906

Sample Info: FB082906 :[J08/29/06 @1400(WATER)

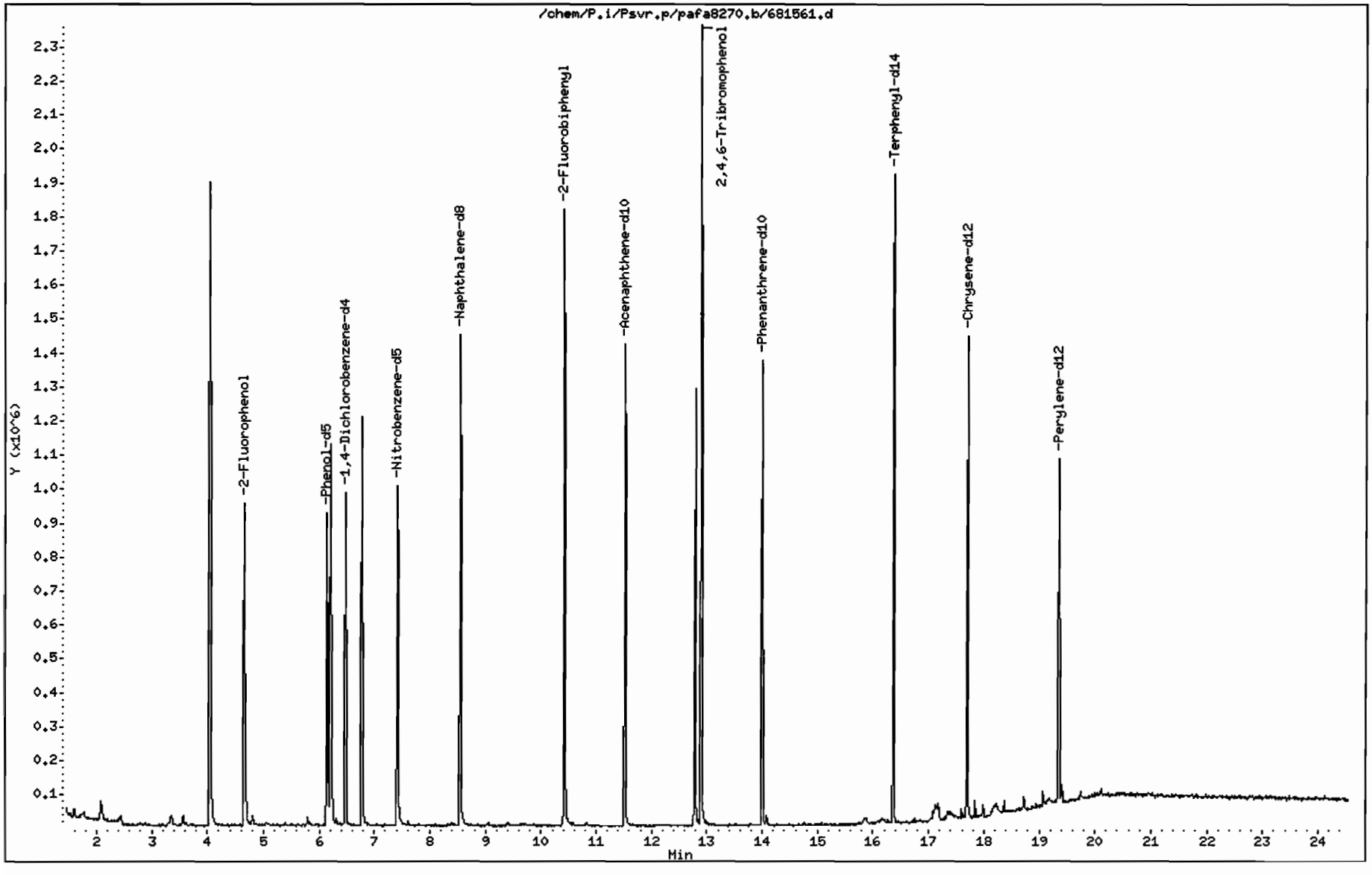
Volume Injected (uL): 1.0

Column phase: RTx-5

Instrument: P.i

Operator: prp

Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681561.d
Lab Smp Id: 681561 Client Smp ID: FB082906
Inj Date : 30-SEP-2006 17:59
Operator : prp Inst ID: P.i
Smp Info : FB082906 :[ ]08/29/06 @1400(WATER)
Misc Info : 681561,0188_MBLK090306D,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	890.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

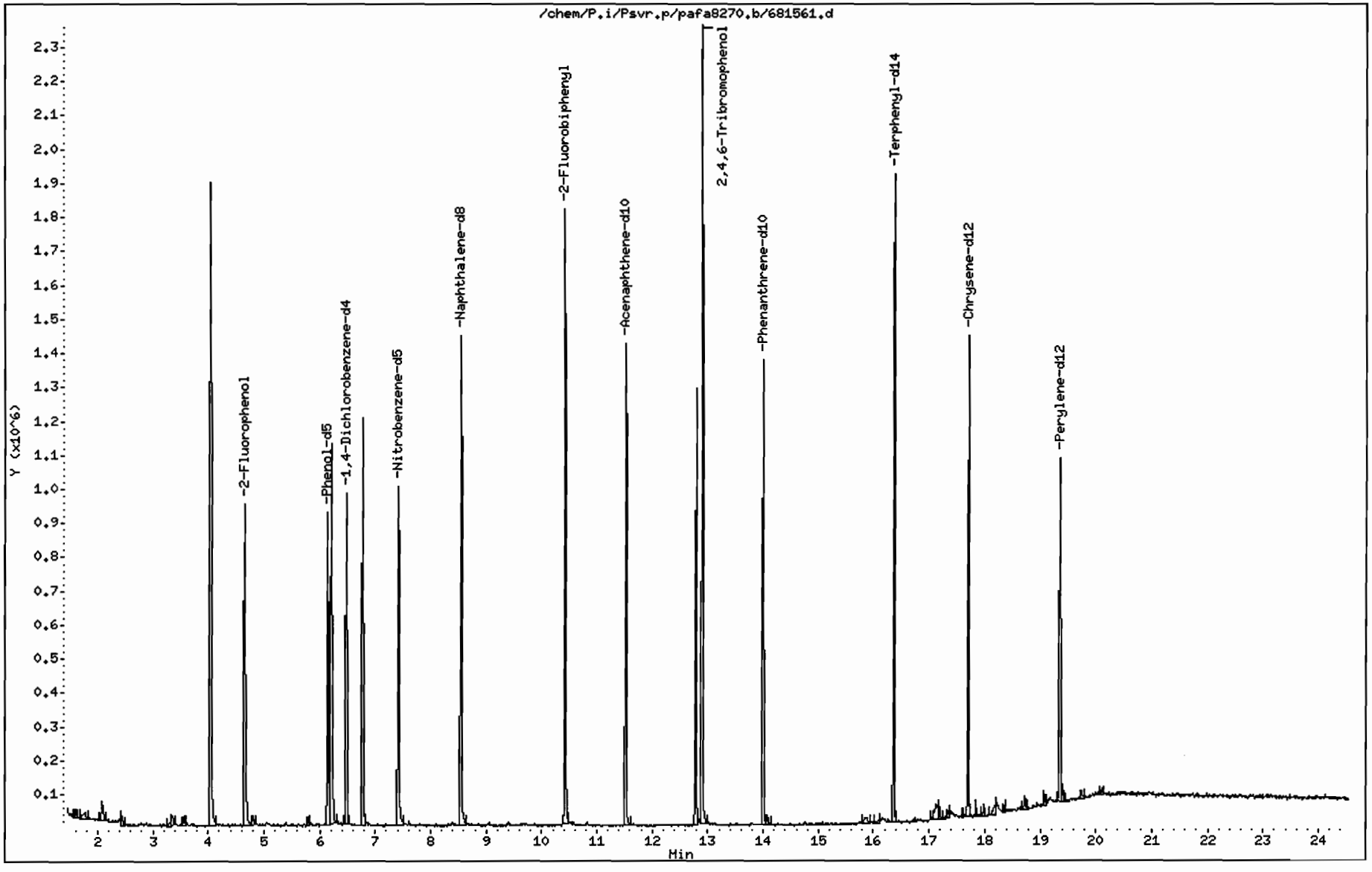
		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
$	2	2-Fluorophenol	112	4.653	4.630	(0.718)	491733	23.4791	26
$	4	Phenol-d5	99	6.141	6.118	(0.948)	674024	26.3093	30
	5	Phenol	94	Compound Not Detected.					
	6	bis(2-Chloroethyl)Ether	93	Compound Not Detected.					
	8	2-Chlorophenol	128	Compound Not Detected.					
*	10	1,4-Dichlorobenzene-d4	152	6.480	6.467	(1.000)	259819	20.0000	
	15	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	16	2-Methylphenol	108	Compound Not Detected.					
	17	Hexachloroethane	116	Compound Not Detected.					
	18	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	19	4-Methylphenol	108	Compound Not Detected.					
$	20	Nitrobenzene-d5	82	7.414	7.401	(0.868)	544172	25.6666	29
	21	Nitrobenzene	77	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	22 Isophorone	82	Compound Not Detected.					
	23 2-Nitrophenol	139	Compound Not Detected.					
	24 2,4-Dimethylphenol	107	Compound Not Detected.					
	25 bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	26 2,4-Dichlorophenol	162	Compound Not Detected.					
*	29 Naphthalene-d8	136	8.543	8.530	(1.000)	978313	20.0000	
	30 Naphthalene	128	Compound Not Detected.					
	31 4-Chloroaniline	127	Compound Not Detected.					
	32 Hexachlorobutadiene	224	Compound Not Detected.					
	33 4-Chloro-3-Methylphenol	107	Compound Not Detected.					
	34 2-Methylnaphthalene	142	Compound Not Detected.					
	35 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	36 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	37 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	38 2-Fluorobiphenyl	172	10.421	10.418	(0.905)	856261	23.9086	27
	39 2-Chloronaphthalene	162	Compound Not Detected.					
	40 2-Nitroaniline	65	Compound Not Detected.					
	42 Acenaphthylene	152	Compound Not Detected.					
	41 Dimethylphthalate	163	Compound Not Detected.					
	43 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	44 Acenaphthene-d10	164	11.519	11.516	(1.000)	506793	20.0000	
	45 Acenaphthene	153	Compound Not Detected.					
	46 3-Nitroaniline	138	Compound Not Detected.					
	47 2,4-Dinitrophenol	184	Compound Not Detected.					
	48 Dibenzofuran	168	Compound Not Detected.					
	49 4-Nitrophenol	109	Compound Not Detected.					
	50 2,4-Dinitrotoluene	165	Compound Not Detected.					
	51 Fluorene	166	Compound Not Detected.					
	52 Diethylphthalate	149	Compound Not Detected.					
	53 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	54 4-Nitroaniline	138	Compound Not Detected.					
	55 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	56 N-nitrosodiphenylamine	169	Compound Not Detected.					
$	57 2,4,6-Tribromophenol	330	12.894	12.892	(0.922)	390527	72.5791	82
	58 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	59 Hexachlorobenzene	283	Compound Not Detected.					
	60 Pentachlorophenol	265	Compound Not Detected.					
*	61 Phenanthrene-d10	188	13.992	13.990	(1.000)	690556	20.0000	
	62 Phenanthrene	178	Compound Not Detected.					
	63 Anthracene	178	Compound Not Detected.					
	65 Di-n-butylphthalate	149	Compound Not Detected.					
	66 Fluoranthene	202	Compound Not Detected.					
	67 Pyrene	202	Compound Not Detected.					
$	68 Terphenyl-d14	244	16.373	16.361	(0.925)	792500	25.7753	29
	69 Butylbenzylphthalate	149	Compound Not Detected.					
	70 Benzo(a)anthracene	228	Compound Not Detected.					
*	71 Chrysene-d12	240	17.697	17.695	(1.000)	562408	20.0000	
	72 3,3'-Dichlorobenzidine	252	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
73	Chrysene	228	Compound Not Detected.					
74	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
75	Di-n-octylphthalate	149	Compound Not Detected.					
76	Benzo(b)fluoranthene	252	Compound Not Detected.					
77	Benzo(k)fluoranthene	252	Compound Not Detected.					
78	Benzo(a)pyrene	252	Compound Not Detected.					
* 79	Perylene-d12	264	19.360	19.357	(1.000)	507419	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
81	Dibenz(a,h)anthracene	278	Compound Not Detected.					
82	Benzo(g,h,i)perylene	276	Compound Not Detected.					

Data File: /chem/P.i/Psvr.p/pafa8270.b/681561.d
Date : 30-SEP-2006 17:59
Client ID: FB082906
Sample Info: FB082906 :[J08/29/06 @1400(WATER)
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: prp
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681561.d
Lab Smp Id: 681561 Client Smp ID: FB082906
Inj Date : 30-SEP-2006 17:59
Operator : prp Inst ID: P.i
Smp Info : FB082906 :[ ]08/29/06 @1400(WATER)
Misc Info : 681561,0188_MBLK090306D,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	890.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 10 1,4-Dichlorobenzene-d4	6.480	1500917	20.000
* 61 Phenanthrene-d10	13.992	1887767	20.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
2-Pentanone, 4-hydroxy-4-methyl-			CAS #: 123-42-2				
4.047	3498634	46.6199527	52	50	NBS75K.l	64274	10

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Benzophenone				CAS #: 119-61-9			
12.781	1649083	17.4712523	20	97	NBS75K.l	68861	61

STL Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: P.i
Lab File ID: 681561.d
Lab Smp Id: 681561
Analysis Type: SV
Quant Type: ISTD
Operator: prp
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681561,0188_MBLK090306D,1

Calibration Date: 30-SEP-2006
Calibration Time: 14:02
Client Smp ID: FB082906
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	234993	117496	469986	259819	10.56
29 Naphthalene-d8	864971	432486	1729942	978313	13.10
44 Acenaphthene-d10	443503	221752	887006	506793	14.27
61 Phenanthrene-d10	632401	316200	1264802	690556	9.20
71 Chrysene-d12	556585	278292	1113170	562408	1.05
79 Perylene-d12	565792	282896	1131584	507419	-10.32

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	6.47	6.14	6.80	6.48	0.20
29 Naphthalene-d8	8.53	8.20	8.86	8.54	0.15
44 Acenaphthene-d10	11.52	11.19	11.85	11.52	0.02
61 Phenanthrene-d10	13.99	13.66	14.32	13.99	0.02
71 Chrysene-d12	17.69	17.36	18.02	17.70	0.01
79 Perylene-d12	19.36	19.03	19.69	19.36	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

STL Burlington

RECOVERY REPORT

Client Name: STLCTS
Client SDG: 213609
Sample Matrix: LIQUID
Fraction: SV
Lab Smp Id: 681561
Client Smp ID: FB082906
Level: LOW
Operator: prp
Data Type: MS DATA
SampleType: SAMPLE
SpikeList File: OLClcs.spk
Quant Type: ISTD
Sublist File: OLC.sub
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681561,0188_MBLK090306D,1

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 2 2-Fluorophenol	45	26	58.70	15-121
$ 4 Phenol-d5	45	30	65.77	15-115
$ 20 Nitrobenzene-d5	45	29	64.17	23-120
$ 38 2-Fluorobiphenyl	45	27	59.77	30-115
$ 57 2,4,6-Tribromophen	130	82	60.48	15-130
$ 68 Terphenyl-d14	45	29	64.44	18-140

Data File: /chem/P.i/Psvr.p/pafa8270.b/681561.d

Date : 30-SEP-2006 17:59

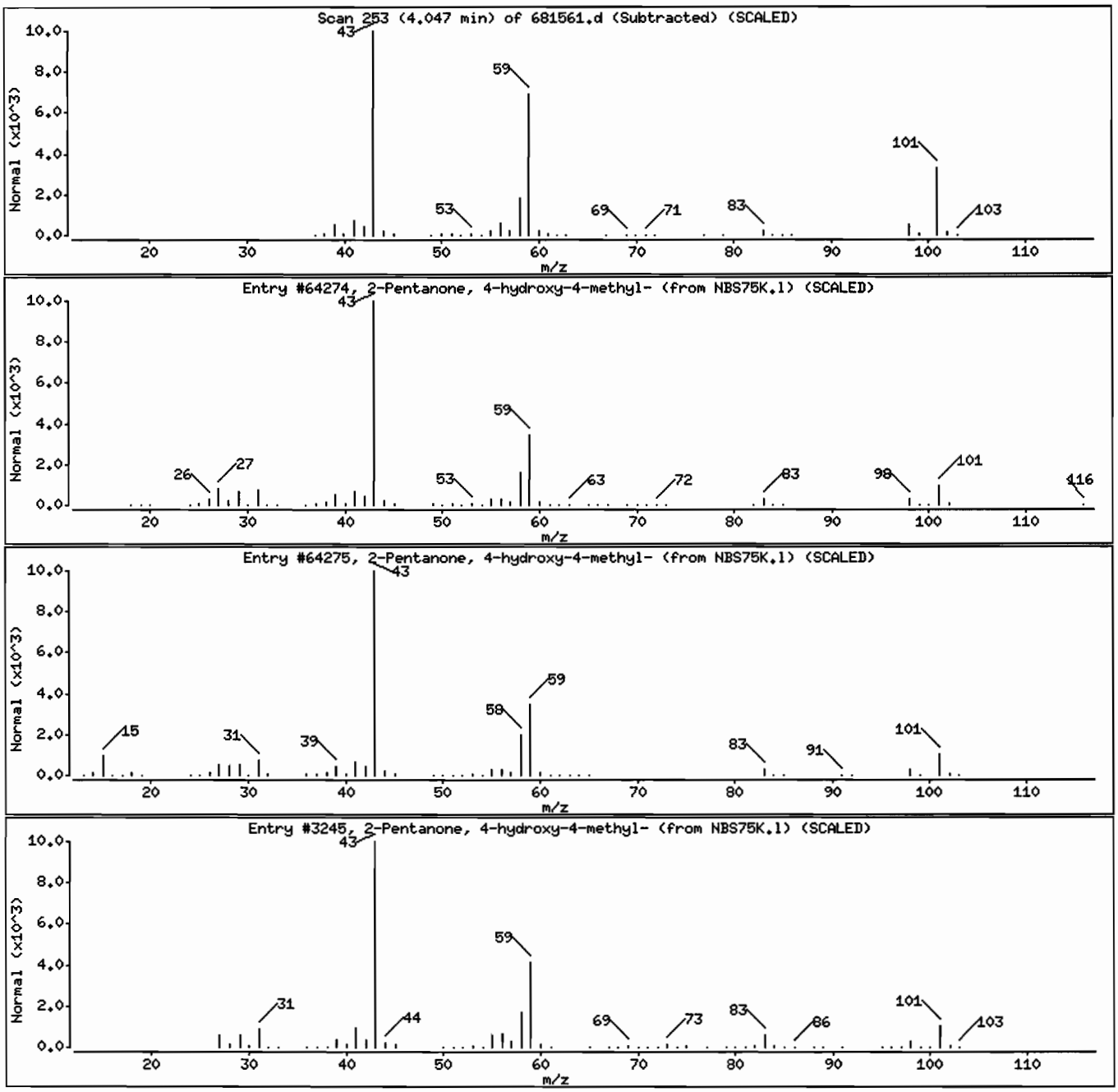
Client ID: FB082906 Instrument: P.i

Sample Info: FB082906 :[J08/29/06 @1400(WATER)

Volume Injected (uL): 1.0 Operator: prp

Column phase: RTx-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64274	50	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64275	40	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	3245	33	C6H12O2	116



Data File: /chem/P.i/Psvr.p/pafa8270.b/681561.d

Date : 30-SEP-2006 17:59

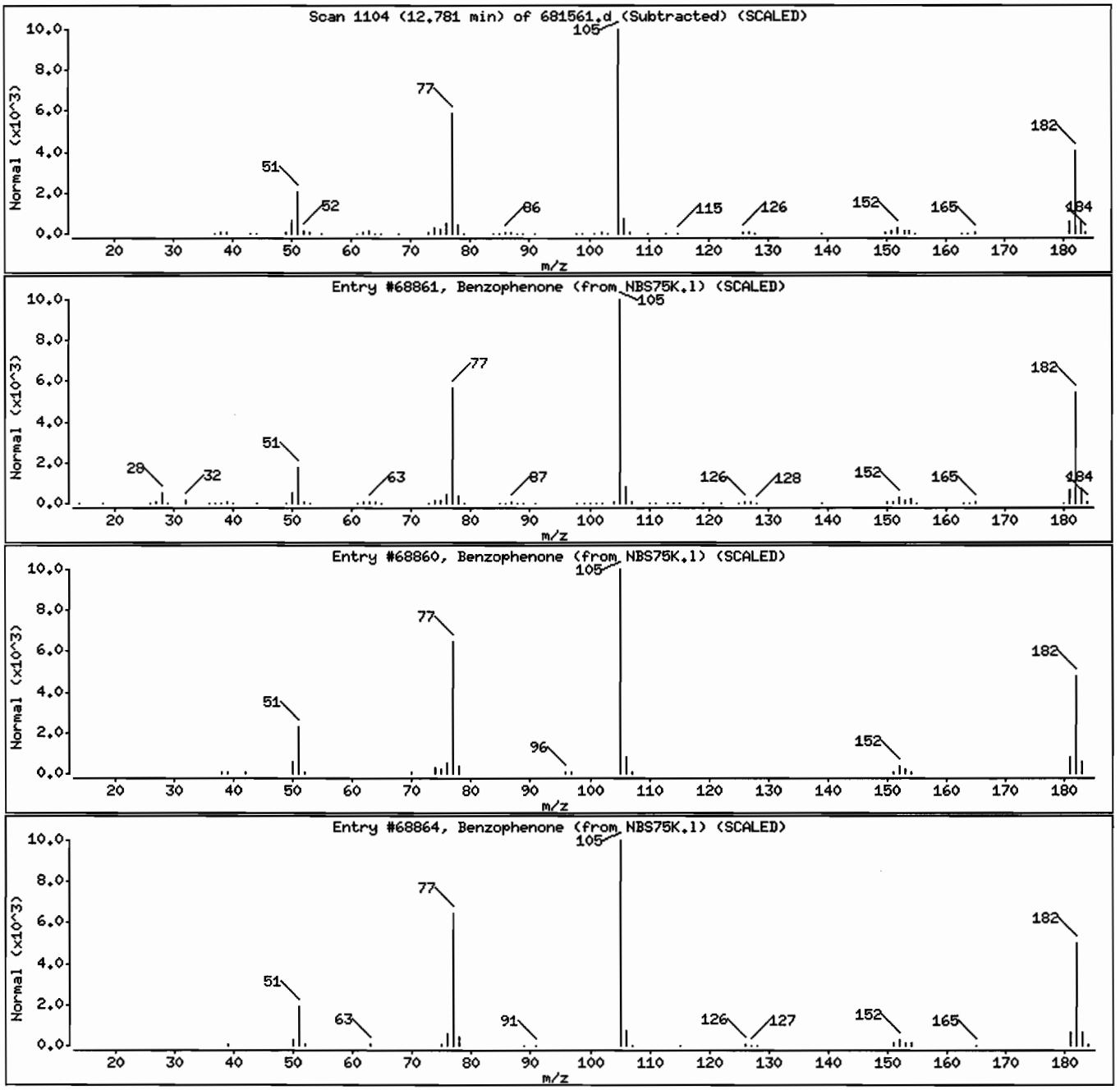
Client ID: FB082906 Instrument: P.i

Sample Info: FB082906 :[J08/29/06 @1400(WATER)

Volume Injected (uL): 1.0 Operator: prp

Column phase: RTx-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzophenone	119-61-9	NBS75K.l	68861	97	C13H10O	182
Benzophenone	119-61-9	NBS75K.l	68860	97	C13H10O	182
Benzophenone	119-61-9	NBS75K.l	68864	97	C13H10O	182



1LCB

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB083006

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681563 Date Received: 09/01/06

Lab File ID: 681563 Date Extracted: 09/03/06

Sample Volume: 880.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
108-95-2	Phenol	6	U
111-44-4	bis(2-Chloroethyl)Ether	6	U
95-57-8	2-Chlorophenol	6	U
108-60-1	2,2'-oxybis(1-Chloropropane)	6	U
95-48-7	2-Methylphenol	6	U
67-72-1	Hexachloroethane	6	U
621-64-7	N-Nitroso-di-n-propylamine	6	U
106-44-5	4-Methylphenol	6	U
98-95-3	Nitrobenzene	6	U
78-59-1	Isophorone	6	U
88-75-5	2-Nitrophenol	6	U
105-67-9	2,4-Dimethylphenol	6	U
111-91-1	bis(2-Chloroethoxy)methane	6	U
120-83-2	2,4-Dichlorophenol	6	U
91-20-3	Naphthalene	6	U
106-47-8	4-Chloroaniline	6	U
87-68-3	Hexachlorobutadiene	6	U
59-50-7	4-Chloro-3-Methylphenol	6	U
91-57-6	2-Methylnaphthalene	6	U
77-47-4	Hexachlorocyclopentadiene	6	U
88-06-2	2,4,6-Trichlorophenol	6	U
95-95-4	2,4,5-Trichlorophenol	23	U
91-58-7	2-Chloronaphthalene	6	U
88-74-4	2-Nitroaniline	23	U
131-11-3	Dimethylphthalate	6	U
208-96-8	Acenaphthylene	6	U
606-20-2	2,6-Dinitrotoluene	6	U
83-32-9	Acenaphthene	6	U
99-09-2	3-Nitroaniline	23	U

1LCC

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB083006

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681563 Date Received: 09/01/06

Lab File ID: 681563 Date Extracted: 09/03/06

Sample Volume: 880.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
51-28-5	2,4-Dinitrophenol	23	U
132-64-9	Dibenzofuran	6	U
100-02-7	4-Nitrophenol	23	U
121-14-2	2,4-Dinitrotoluene	6	U
86-73-7	Fluorene	6	U
84-66-2	Diethylphthalate	6	U
7005-72-3	4-Chlorophenyl-phenylether	6	U
100-01-6	4-Nitroaniline	23	U
534-52-1	4,6-Dinitro-2-methylphenol	23	U
86-30-6	N-nitrosodiphenylamine (1)	6	U
101-55-3	4-Bromophenyl-phenylether	6	U
118-74-1	Hexachlorobenzene	6	U
87-86-5	Pentachlorophenol	23	U
85-01-8	Phenanthrene	6	U
120-12-7	Anthracene	6	U
84-74-2	Di-n-butylphthalate	6	U
206-44-0	Fluoranthene	6	U
129-00-0	Pyrene	6	U
85-68-7	Butylbenzylphthalate	6	U
56-55-3	Benzo(a)anthracene	6	U
91-94-1	3,3'-Dichlorobenzidine	6	U
218-01-9	Chrysene	6	U
117-81-7	bis(2-Ethylhexyl)phthalate	6	U
117-84-0	Di-n-octylphthalate	6	U
205-99-2	Benzo(b)fluoranthene	6	U
207-08-9	Benzo(k)fluoranthene	6	U
50-32-8	Benzo(a)pyrene	6	U
193-39-5	Indeno(1,2,3-cd)pyrene	6	U
53-70-3	Dibenz(a,h)anthracene	6	U
191-24-2	Benzo(g,h,i)perylene	6	U

(1) - Cannot be separated from Diphenylamine

1LCF

EPA SAMPLE NO.

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FB083006

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681563 Date Received: 09/01/06

Lab File ID: 681563 Date Extracted: 09/03/06

Sample Volume: 880.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

Number TICs found: 1

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC. (ug/L)	Q
1.	123-42-2	2-PENTANONE, 4-HYDROXY-4-MET	4.04	68	NJAB
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: /chem/P.i/Psvr.p/pafa8270.b/681563.d

Date : 30-SEP-2006 19:06

Client ID: FB083006

Instrument: P.i

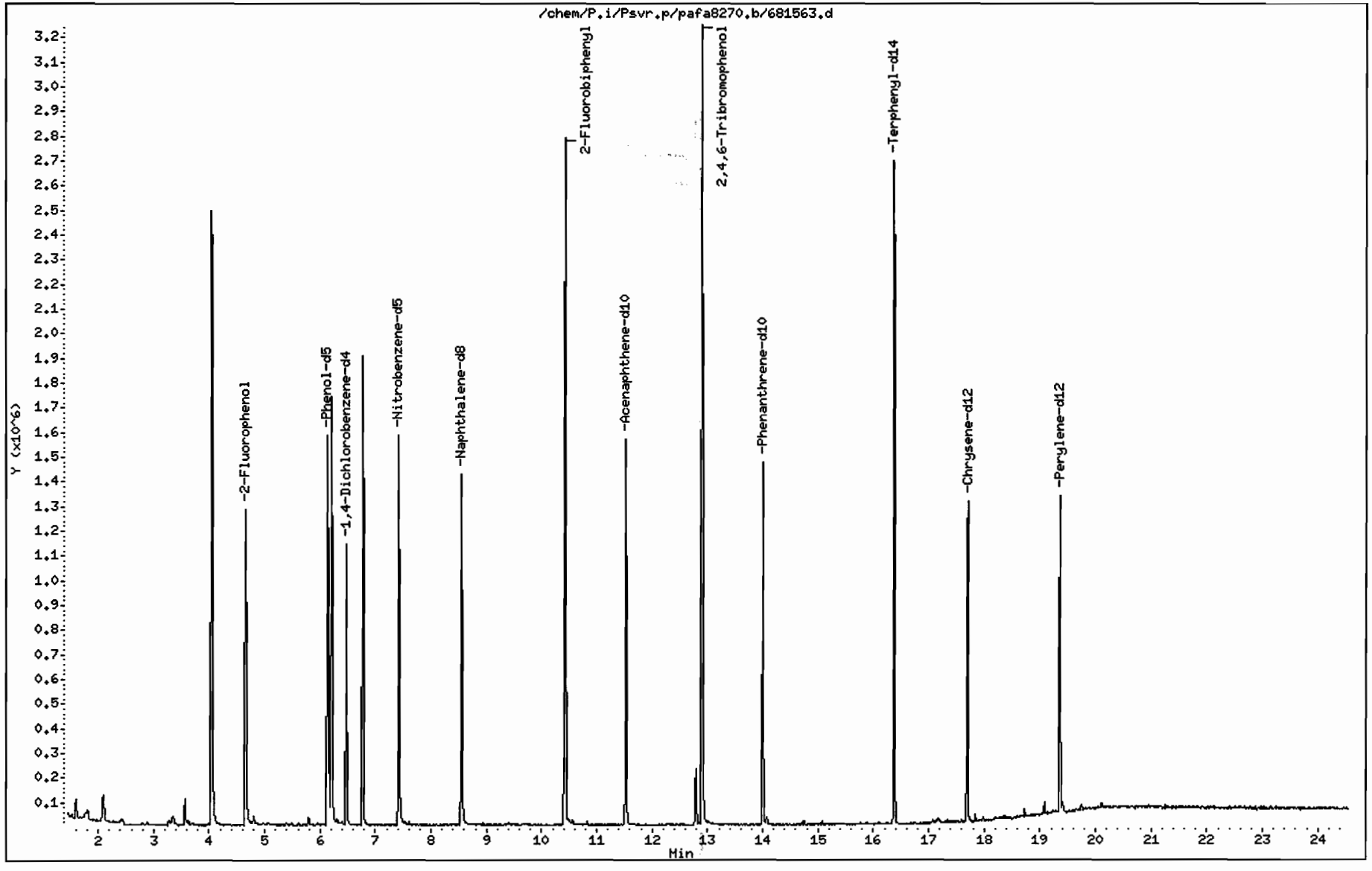
Sample Info: FB083006 :[ ]08/30/06 @1035(WATER)

Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681563.d
Lab Smp Id: 681563 Client Smp ID: FB083006
Inj Date : 30-SEP-2006 19:06
Operator : prp Inst ID: P.i
Smp Info : FB083006 :[ ]08/30/06 @1035(WATER)
Misc Info : 681563,0188_MBLK090306D,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	880.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
$	2 2-Fluorophenol	112	4.658	4.630	(0.719)	715674	33.3088	38
$	4 Phenol-d5	99	6.136	6.118	(0.948)	997571	37.9551	43
	5 Phenol	94	Compound Not Detected.					
	6 bis(2-Chloroethyl)Ether	93	Compound Not Detected.					
	8 2-Chlorophenol	128	Compound Not Detected.					
*	10 1,4-Dichlorobenzene-d4	152	6.475	6.467	(1.000)	266550	20.0000	
	15 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	16 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	116	Compound Not Detected.					
	18 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	19 4-Methylphenol	108	Compound Not Detected.					
$	20 Nitrobenzene-d5	82	7.419	7.401	(0.868)	788909	35.7293	41
	21 Nitrobenzene	77	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	22 Isophorone	82	Compound Not Detected.					
	23 2-Nitrophenol	139	Compound Not Detected.					
	24 2,4-Dimethylphenol	107	Compound Not Detected.					
	25 bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	26 2,4-Dichlorophenol	162	Compound Not Detected.					
*	29 Naphthalene-d8	136	8.548	8.530	(1.000)	1018852	20.0000	
	30 Naphthalene	128	Compound Not Detected.					
	31 4-Chloroaniline	127	Compound Not Detected.					
	32 Hexachlorobutadiene	224	Compound Not Detected.					
	33 4-Chloro-3-Methylphenol	107	Compound Not Detected.					
	34 2-Methylnaphthalene	142	Compound Not Detected.					
	35 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	36 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	37 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	38 2-Fluorobiphenyl	172	10.426	10.418	(0.905)	1218597	33.2639	38
	39 2-Chloronaphthalene	162	Compound Not Detected.					
	40 2-Nitroaniline	65	Compound Not Detected.					
	42 Acenaphthylene	152	Compound Not Detected.					
	41 Dimethylphthalate	163	Compound Not Detected.					
	43 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	44 Acenaphthene-d10	164	11.524	11.516	(1.000)	518400	20.0000	
	45 Acenaphthene	153	Compound Not Detected.					
	46 3-Nitroaniline	138	Compound Not Detected.					
	47 2,4-Dinitrophenol	184	Compound Not Detected.					
	48 Dibenzofuran	168	Compound Not Detected.					
	49 4-Nitrophenol	109	Compound Not Detected.					
	50 2,4-Dinitrotoluene	165	Compound Not Detected.					
	51 Fluorene	166	Compound Not Detected.					
	52 Diethylphthalate	149	Compound Not Detected.					
	53 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	54 4-Nitroaniline	138	Compound Not Detected.					
	55 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	56 N-nitrosodiphenylamine	169	Compound Not Detected.					
$	57 2,4,6-Tribromophenol	330	12.899	12.892	(0.922)	571290	99.8327	110(A)
	58 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	59 Hexachlorobenzene	283	Compound Not Detected.					
	60 Pentachlorophenol	265	Compound Not Detected.					
*	61 Phenanthrene-d10	188	13.998	13.990	(1.000)	734418	20.0000	
	62 Phenanthrene	178	Compound Not Detected.					
	63 Anthracene	178	Compound Not Detected.					
	65 Di-n-butylphthalate	149	Compound Not Detected.					
	66 Fluoranthene	202	Compound Not Detected.					
	67 Pyrene	202	Compound Not Detected.					
$	68 Terphenyl-d14	244	16.368	16.361	(0.925)	1168531	34.0703	39
	69 Butylbenzylphthalate	149	Compound Not Detected.					
	70 Benzo(a)anthracene	228	Compound Not Detected.					
*	71 Chrysene-d12	240	17.703	17.695	(1.000)	627366	20.0000	
	72 3,3'-Dichlorobenzidine	252	Compound Not Detected.					

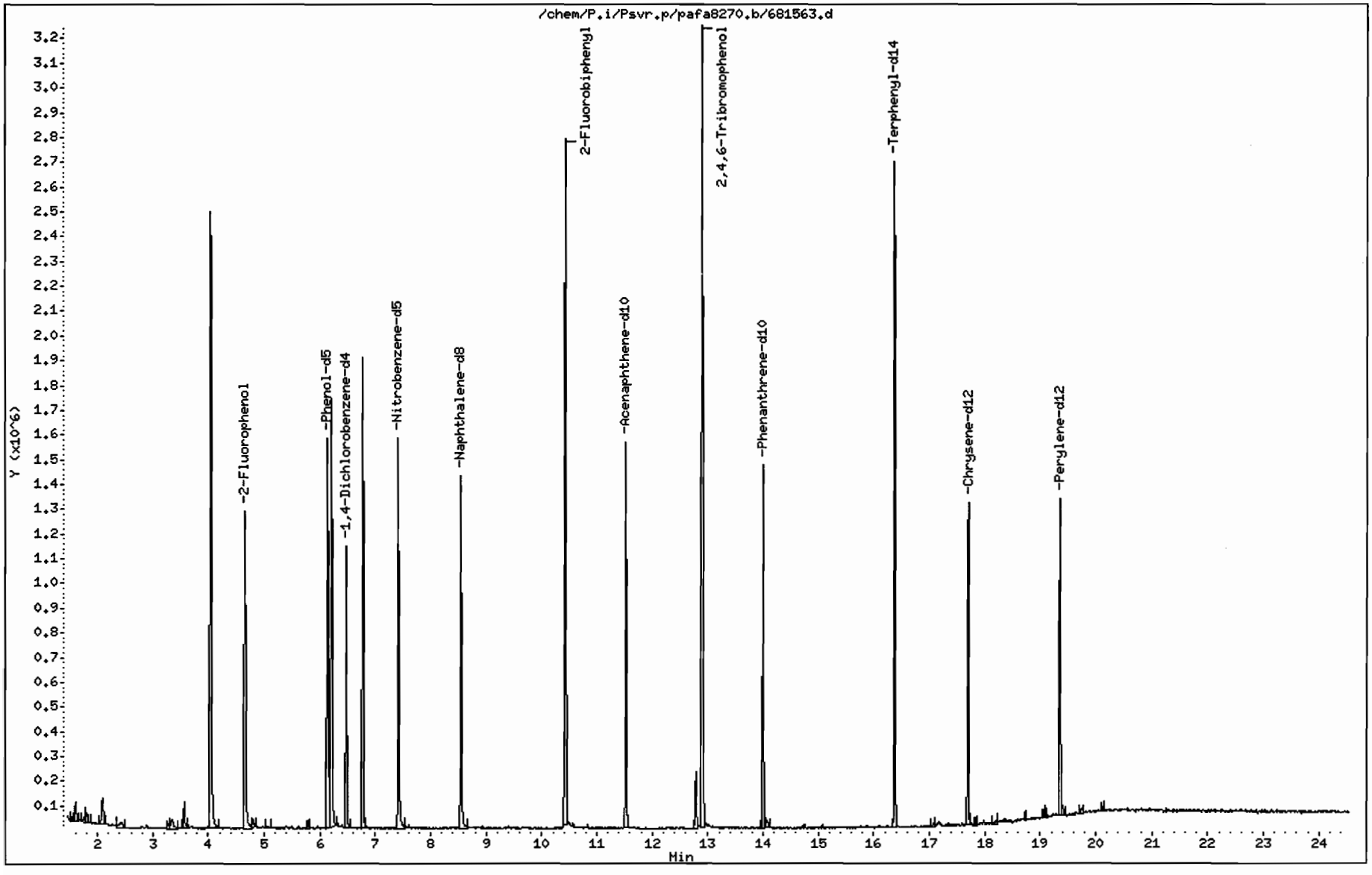
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
73	Chrysene	228	Compound Not Detected.					
74	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
75	Di-n-octylphthalate	149	Compound Not Detected.					
76	Benzo(b)fluoranthene	252	Compound Not Detected.					
77	Benzo(k)fluoranthene	252	Compound Not Detected.					
78	Benzo(a)pyrene	252	Compound Not Detected.					
* 79	Perylene-d12	264	19.355	19.357	(1.000)	545478	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
81	Dibenz(a,h)anthracene	278	Compound Not Detected.					
82	Benzo(g,h,i)perylene	276	Compound Not Detected.					

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/P.i/Psvr.p/pafa8270.b/681563.d
Date : 30-SEP-2006 19:06
Client ID: FB083006
Sample Info: FB083006 :[ ]08/30/06 @1035(WATER)
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: prp
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681563.d
Lab Smp Id: 681563 Client Smp ID: FB083006
Inj Date : 30-SEP-2006 19:06
Operator : prp Inst ID: P.i
Smp Info : FB083006 :[ ]08/30/06 @1035(WATER)
Misc Info : 681563,0188_MBLK090306D,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	880.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 10 1,4-Dichlorobenzene-d4	6.475	1551095	20.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
2-Pentanone, 4-hydroxy-4-methyl-			CAS #: 123-42-2				
4.042	4629068	59.6877234	68	50	NBS75K.1	64274	10

STL Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: P.i
Lab File ID: 681563.d
Lab Smp Id: 681563
Analysis Type: SV
Quant Type: ISTD
Operator: prp
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681563,0188_MBLK090306D,1

Calibration Date: 30-SEP-2006
Calibration Time: 14:02
Client Smp ID: FB083006
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	234993	117496	469986	266550	13.43
29 Naphthalene-d8	864971	432486	1729942	1018852	17.79
44 Acenaphthene-d10	443503	221752	887006	518400	16.89
61 Phenanthrene-d10	632401	316200	1264802	734418	16.13
71 Chrysene-d12	556585	278292	1113170	627366	12.72
79 Perylene-d12	565792	282896	1131584	545478	-3.59

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	6.47	6.14	6.80	6.47	0.12
29 Naphthalene-d8	8.53	8.20	8.86	8.55	0.21
44 Acenaphthene-d10	11.52	11.19	11.85	11.52	0.07
61 Phenanthrene-d10	13.99	13.66	14.32	14.00	0.06
71 Chrysene-d12	17.69	17.36	18.02	17.70	0.04
79 Perylene-d12	19.36	19.03	19.69	19.35	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

STL Burlington

RECOVERY REPORT

Client Name: STLCTS
Client SDG: 213609
Sample Matrix: LIQUID
Fraction: SV
Lab Smp Id: 681563
Client Smp ID: FB083006
Level: LOW
Operator: prp
Data Type: MS DATA
SampleType: SAMPLE
SpikeList File: OLClcs.spk
Quant Type: ISTD
Sublist File: OLC.sub
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681563,0188_MBLK090306D,1

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 2 2-Fluorophenol	45	38	83.27	15-121
$ 4 Phenol-d5	45	43	94.89	15-115
$ 20 Nitrobenzene-d5	45	41	89.32	23-120
$ 38 2-Fluorobiphenyl	45	38	83.16	30-115
$ 57 2,4,6-Tribromophen	140	110	83.19	15-130
$ 68 Terphenyl-d14	45	39	85.18	18-140

Data File: /chem/P.i/Psvr.p/pafa8270.b/681563.d

Date : 30-SEP-2006 19:06

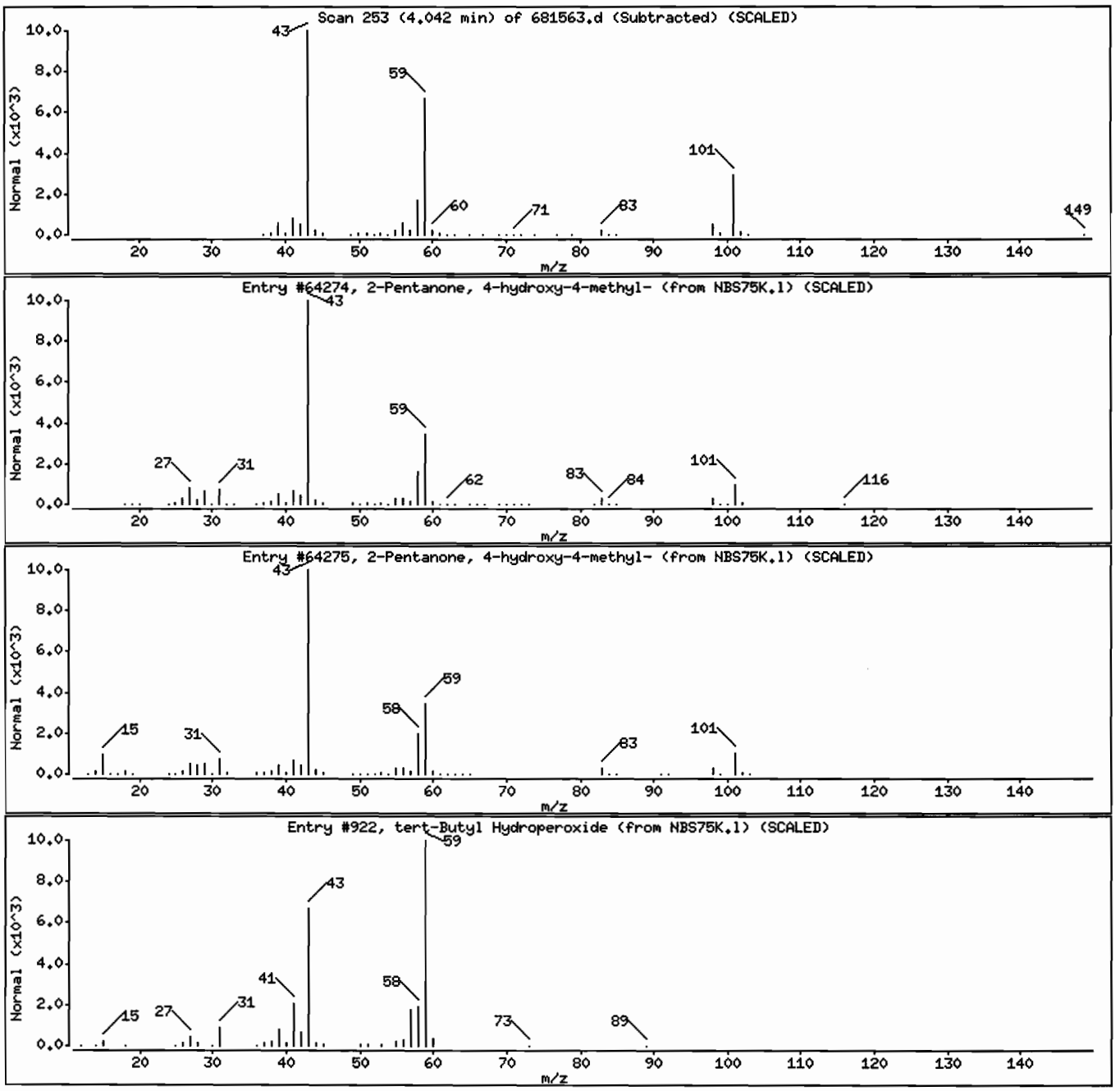
Client ID: FB083006 Instrument: P.i

Sample Info: FB083006 :[ ]08/30/06 @1035(WATER)

Volume Injected (uL): 1.0 Operator: prp

Column phase: RTx-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64274	50	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64275	39	C6H12O2	116
tert-Butyl Hydroperoxide	75-91-2	NBS75K.l	922	38	C4H10O2	90



1LCB

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB083106

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681757 Date Received: 09/02/06

Lab File ID: 681757 Date Extracted: 09/05/06

Sample Volume: 910.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)Ether	5	U
95-57-8	2-Chlorophenol	5	U
108-60-1	2,2'-oxybis(1-Chloropropane)	5	U
95-48-7	2-Methylphenol	5	U
67-72-1	Hexachloroethane	5	U
621-64-7	N-Nitroso-di-n-propylamine	5	U
106-44-5	4-Methylphenol	5	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	5	U
88-75-5	2-Nitrophenol	5	U
105-67-9	2,4-Dimethylphenol	5	U
111-91-1	bis(2-Chloroethoxy)methane	5	U
120-83-2	2,4-Dichlorophenol	5	U
91-20-3	Naphthalene	5	U
106-47-8	4-Chloroaniline	5	U
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-Methylphenol	5	U
91-57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2,4,6-Trichlorophenol	5	U
95-95-4	2,4,5-Trichlorophenol	22	U
91-58-7	2-Chloronaphthalene	5	U
88-74-4	2-Nitroaniline	22	U
131-11-3	Dimethylphthalate	5	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	5	U
83-32-9	Acenaphthene	5	U
99-09-2	3-Nitroaniline	22	U

1LCC

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB083106

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681757 Date Received: 09/02/06

Lab File ID: 681757 Date Extracted: 09/05/06

Sample Volume: 910.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
51-28-5	2,4-Dinitrophenol	22	U
132-64-9	Dibenzofuran	5	U
100-02-7	4-Nitrophenol	22	U
121-14-2	2,4-Dinitrotoluene	5	U
86-73-7	Fluorene	5	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
100-01-6	4-Nitroaniline	22	U
534-52-1	4,6-Dinitro-2-methylphenol	22	U
86-30-6	N-nitrosodiphenylamine (1)	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-5	Pentachlorophenol	22	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
56-55-3	Benzo(a)anthracene	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)phthalate	5	U
117-84-0	Di-n-octylphthalate	5	U
205-99-2	Benzo(b)fluoranthene	5	U
207-08-9	Benzo(k)fluoranthene	5	U
50-32-8	Benzo(a)pyrene	5	U
193-39-5	Indeno(1,2,3-cd)pyrene	5	U
53-70-3	Dibenz(a,h)anthracene	5	U
191-24-2	Benzo(g,h,i)perylene	5	U

(1) - Cannot be separated from Diphenylamine

1LCF

EPA SAMPLE NO.

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FB083106

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681757 Date Received: 09/02/06

Lab File ID: 681757 Date Extracted: 09/05/06

Sample Volume: 910.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

Number TICs found: 1

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC. (ug/L)	Q
1.	123-42-2	2-PENTANONE, 4-HYDROXY-4-MET	4.04	20	NJAB
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: /chem/P.i/Psvr.p/pafa8270.b/681757.d

Date : 30-SEP-2006 22:26

Client ID: FB083106

Sample Info: FB083106 :[J08/31/06 @1325(WATER)

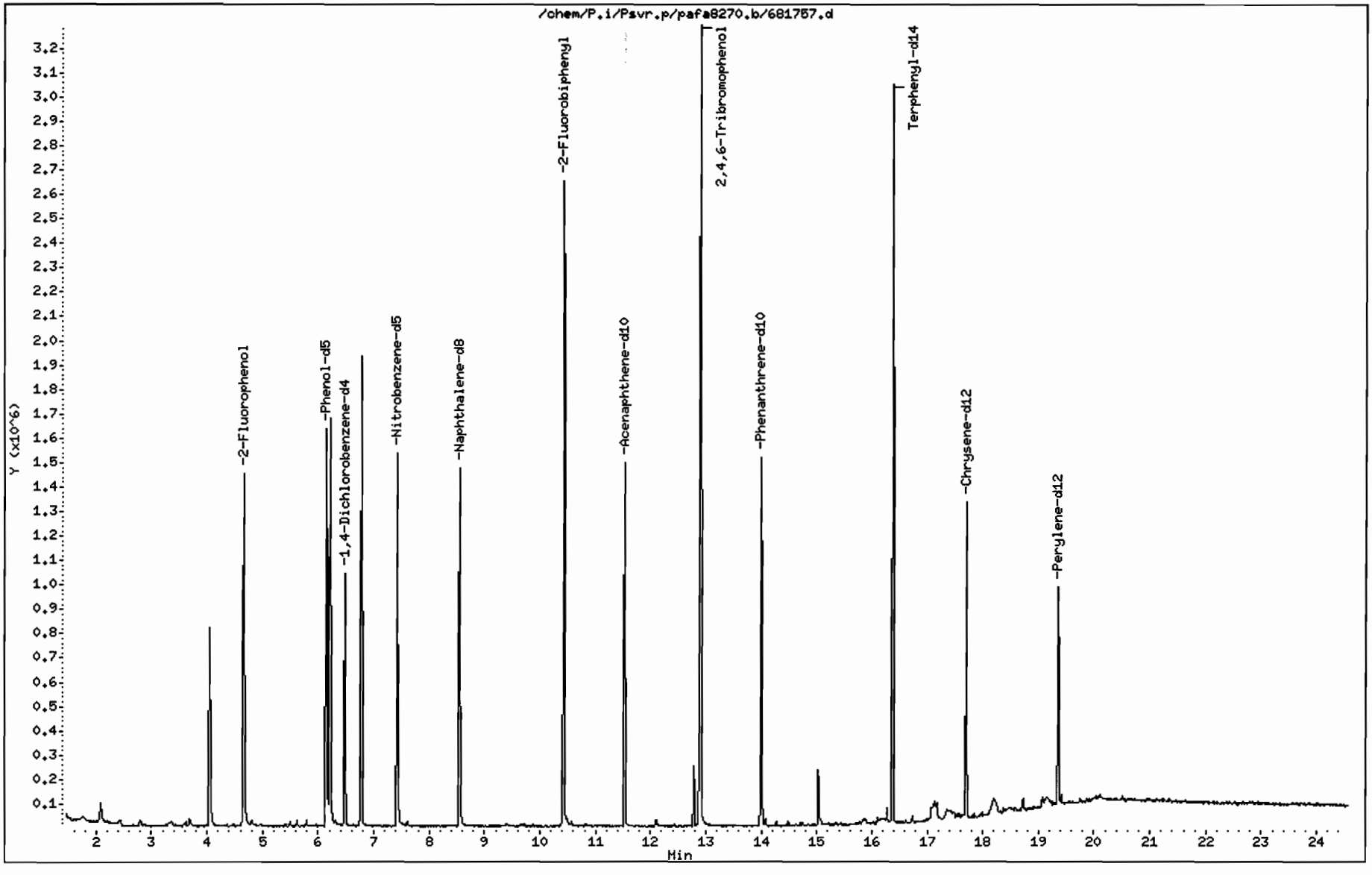
Volume Injected (uL): 1.0

Column phase: RTx-5

Instrument: P.i

Operator: prp

Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681757.d
Lab Smp Id: 681757 Client Smp ID: FB083106
Inj Date : 30-SEP-2006 22:26
Operator : prp Inst ID: P.i
Smp Info : FB083106 :[ ]08/31/06 @1325(WATER)
Misc Info : 681757,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	910.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
$	2 2-Fluorophenol	112	4.654	4.630	(0.719)	749858	35.3997	39
$	4 Phenol-d5	99	6.142	6.118	(0.949)	1019181	39.3327	43
	5 Phenol	94	Compound Not Detected.					
	6 bis(2-Chloroethyl)Ether	93	Compound Not Detected.					
	8 2-Chlorophenol	128	Compound Not Detected.					
*	10 1,4-Dichlorobenzene-d4	152	6.471	6.467	(1.000)	262786	20.0000	
	15 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	16 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	116	Compound Not Detected.					
	18 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	19 4-Methylphenol	108	Compound Not Detected.					
$	20 Nitrobenzene-d5	82	7.415	7.401	(0.868)	799618	36.8033	40
	21 Nitrobenzene	77	Compound Not Detected.					

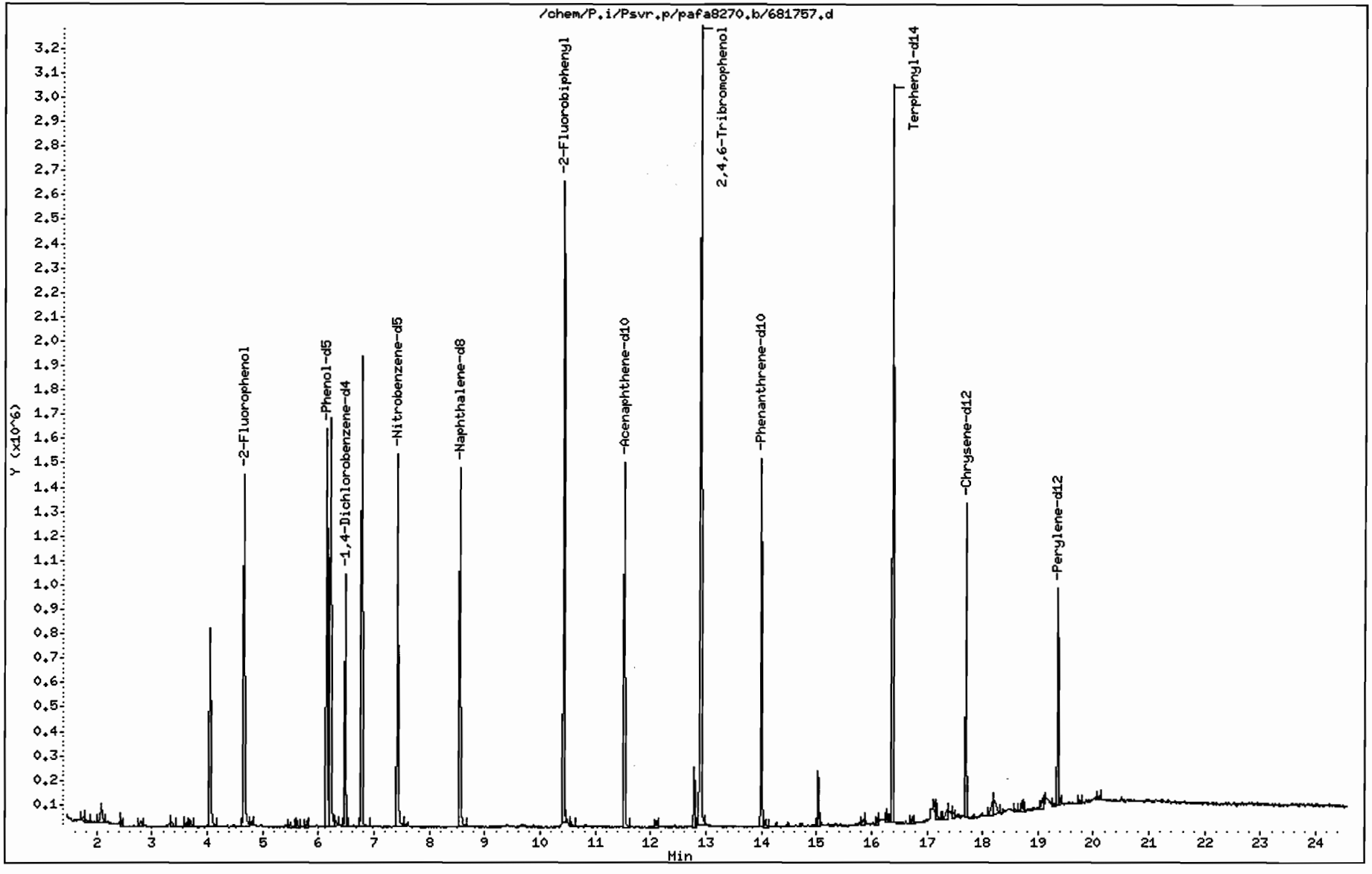
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	22 Isophorone	82	Compound Not Detected.					
	23 2-Nitrophenol	139	Compound Not Detected.					
	24 2,4-Dimethylphenol	107	Compound Not Detected.					
	25 bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	26 2,4-Dichlorophenol	162	Compound Not Detected.					
*	29 Naphthalene-d8	136	8.544	8.530	(1.000)	1002547	20.0000	
	30 Naphthalene	128	Compound Not Detected.					
	31 4-Chloroaniline	127	Compound Not Detected.					
	32 Hexachlorobutadiene	224	Compound Not Detected.					
	33 4-Chloro-3-Methylphenol	107	Compound Not Detected.					
	34 2-Methylnaphthalene	142	Compound Not Detected.					
	35 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	36 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	37 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	38 2-Fluorobiphenyl	172	10.422	10.418	(0.905)	1269404	34.2805	38
	39 2-Chloronaphthalene	162	Compound Not Detected.					
	40 2-Nitroaniline	65	Compound Not Detected.					
	42 Acenaphthylene	152	Compound Not Detected.					
	41 Dimethylphthalate	163	Compound Not Detected.					
	43 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	44 Acenaphthene-d10	164	11.520	11.516	(1.000)	523999	20.0000	
	45 Acenaphthene	153	Compound Not Detected.					
	46 3-Nitroaniline	138	Compound Not Detected.					
	47 2,4-Dinitrophenol	184	Compound Not Detected.					
	48 Dibenzofuran	168	Compound Not Detected.					
	49 4-Nitrophenol	109	Compound Not Detected.					
	50 2,4-Dinitrotoluene	165	Compound Not Detected.					
	51 Fluorene	166	Compound Not Detected.					
	52 Diethylphthalate	149	Compound Not Detected.					
	53 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	54 4-Nitroaniline	138	Compound Not Detected.					
	55 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	56 N-nitrosodiphenylamine	169	Compound Not Detected.					
$	57 2,4,6-Tribromophenol	330	12.906	12.892	(0.922)	582234	102.078	110(A)
	58 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	59 Hexachlorobenzene	283	Compound Not Detected.					
	60 Pentachlorophenol	265	Compound Not Detected.					
*	61 Phenanthrene-d10	188	13.994	13.990	(1.000)	732023	20.0000	
	62 Phenanthrene	178	Compound Not Detected.					
	63 Anthracene	178	Compound Not Detected.					
	65 Di-n-butylphthalate	149	Compound Not Detected.					
	66 Fluoranthene	202	Compound Not Detected.					
	67 Pyrene	202	Compound Not Detected.					
$	68 Terphenyl-d14	244	16.375	16.361	(0.925)	1177167	42.1015	46
	69 Butylbenzylphthalate	149	Compound Not Detected.					
	70 Benzo(a)anthracene	228	Compound Not Detected.					
*	71 Chrysene-d12	240	17.698	17.695	(1.000)	511443	20.0000	
	72 3,3'-Dichlorobenzidine	252	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
73	Chrysene	228	Compound Not Detected.					
74	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
75	Di-n-octylphthalate	149	Compound Not Detected.					
76	Benzo(b)fluoranthene	252	Compound Not Detected.					
77	Benzo(k)fluoranthene	252	Compound Not Detected.					
78	Benzo(a)pyrene	252	Compound Not Detected.					
* 79	Perylene-d12	264	19.351	19.357	(1.000)	372624	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
81	Dibenz(a,h)anthracene	278	Compound Not Detected.					
82	Benzo(g,h,i)perylene	276	Compound Not Detected.					

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/P.i/Psvr.p/pafa8270.b/681757.d
Date : 30-SEP-2006 22:26
Client ID: FB083106
Instrument: P.i
Sample Info: FB083106 :[J08/31/06 @1325(WATER)
Volume Injected (uL): 1.0
Operator: prp
Column phase: RTx-5
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681757.d
Lab Smp Id: 681757 Client Smp ID: FB083106
Inj Date : 30-SEP-2006 22:26
Operator : prp Inst ID: P.i
Smp Info : FB083106 :[ ]08/31/06 @1325(WATER)
Misc Info : 681757,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	910.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 10 1,4-Dichlorobenzene-d4	6.471	1531117	20.000

	CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
2-Pentanone, 4-hydroxy-4-methyl-			CAS #: 123-42-2				
4.038	1419445	18.5412918	20	50	NBS75K.1	64274	10

STL Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: P.i
Lab File ID: 681757.d
Lab Smp Id: 681757
Analysis Type: SV
Quant Type: ISTD
Operator: prp
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681757,0188_MBLK090506F,1

Calibration Date: 30-SEP-2006
Calibration Time: 14:02
Client Smp ID: FB083106
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	234993	117496	469986	262786	11.83
29 Naphthalene-d8	864971	432486	1729942	1002547	15.91
44 Acenaphthene-d10	443503	221752	887006	523999	18.15
61 Phenanthrene-d10	632401	316200	1264802	732023	15.75
71 Chrysene-d12	556585	278292	1113170	511443	-8.11
79 Perylene-d12	565792	282896	1131584	372624	-34.14

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	6.47	6.14	6.80	6.47	0.06
29 Naphthalene-d8	8.53	8.20	8.86	8.54	0.16
44 Acenaphthene-d10	11.52	11.19	11.85	11.52	0.03
61 Phenanthrene-d10	13.99	13.66	14.32	13.99	0.03
71 Chrysene-d12	17.69	17.36	18.02	17.70	0.02
79 Perylene-d12	19.36	19.03	19.69	19.35	-0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

STL Burlington

RECOVERY REPORT

Client Name: STLCTS
Sample Matrix: LIQUID
Lab Smp Id: 681757
Level: LOW
Data Type: MS DATA
SpikeList File: OLClcs.spk
Sublist File: OLC.sub
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681757,0188_MBLK090506F,1

Client SDG: 213609
Fraction: SV
Client Smp ID: FB083106
Operator: prp
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 2 2-Fluorophenol	44	39	88.50	15-121
$ 4 Phenol-d5	44	43	98.33	15-115
$ 20 Nitrobenzene-d5	44	40	92.01	23-120
$ 38 2-Fluorobiphenyl	44	38	85.70	30-115
$ 57 2,4,6-Tribromophen	130	110	85.06	15-130
$ 68 Terphenyl-d14	44	46	105.25	18-140

Data File: /chem/P.i/Psvr.p/pafa8270.b/681757.d

Date : 30-SEP-2006 22:26

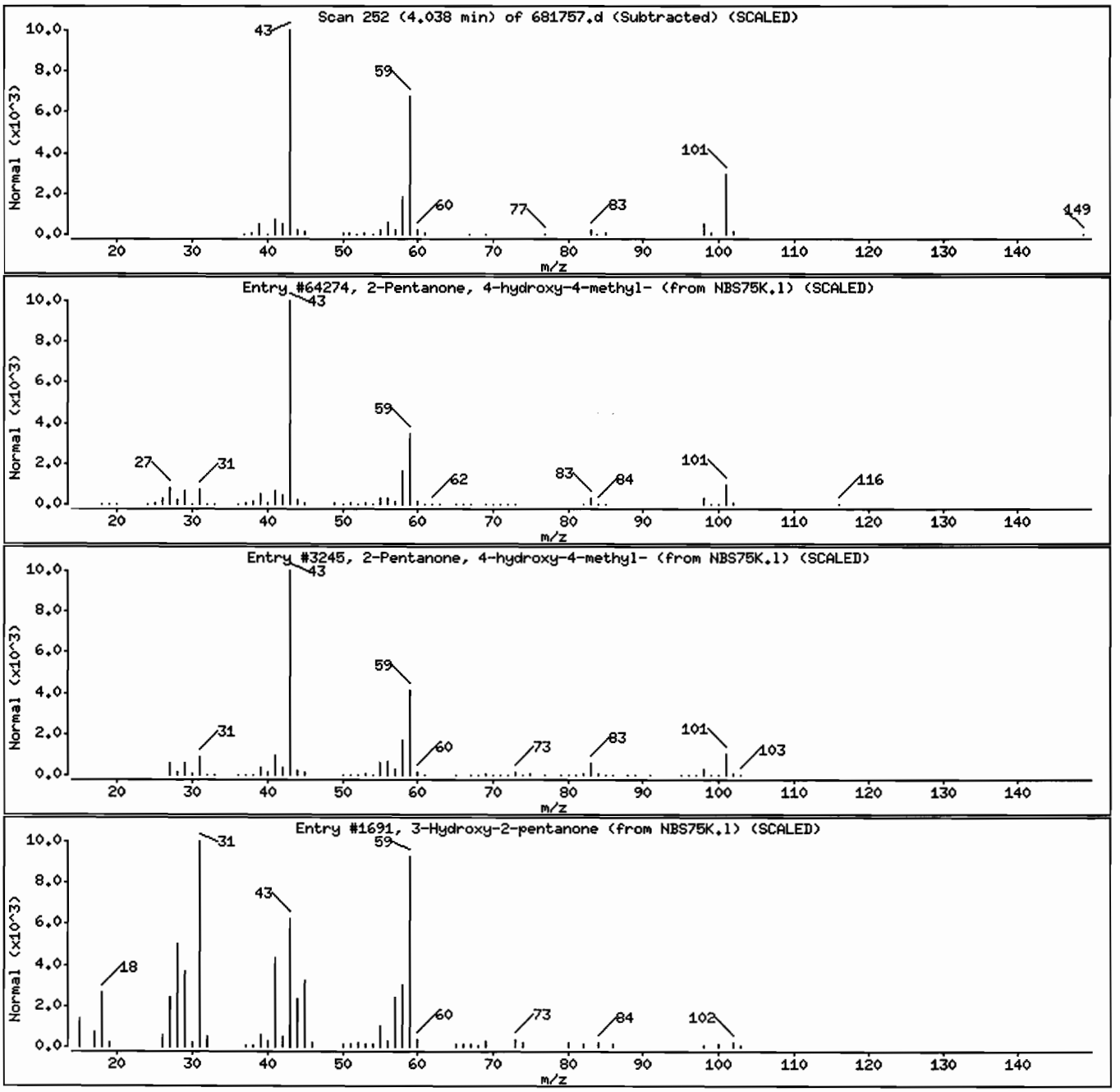
Client ID: FB083106 Instrument: P.i

Sample Info: FB083106 :[ ]08/31/06 @1325(WATER)

Volume Injected (uL): 1.0 Operator: prp

Column phase: RTx-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64274	50	C6H1202	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	3245	33	C6H1202	116
3-Hydroxy-2-pentanone	3142-66-3	NBS75K.l	1691	25	C5H1002	102



1LCB

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB090106

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681762 Date Received: 09/02/06

Lab File ID: 681762 Date Extracted: 09/05/06

Sample Volume: 900.000 (mL) Date Analyzed: 10/01/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
108-95-2	Phenol	6	U
111-44-4	bis(2-Chloroethyl)Ether	6	U
95-57-8	2-Chlorophenol	6	U
108-60-1	2,2'-oxybis(1-Chloropropane)	6	U
95-48-7	2-Methylphenol	6	U
67-72-1	Hexachloroethane	6	U
621-64-7	N-Nitroso-di-n-propylamine	6	U
106-44-5	4-Methylphenol	6	U
98-95-3	Nitrobenzene	6	U
78-59-1	Isophorone	6	U
88-75-5	2-Nitrophenol	6	U
105-67-9	2,4-Dimethylphenol	6	U
111-91-1	bis(2-Chloroethoxy)methane	6	U
120-83-2	2,4-Dichlorophenol	6	U
91-20-3	Naphthalene	6	U
106-47-8	4-Chloroaniline	6	U
87-68-3	Hexachlorobutadiene	6	U
59-50-7	4-Chloro-3-Methylphenol	6	U
91-57-6	2-Methylnaphthalene	6	U
77-47-4	Hexachlorocyclopentadiene	6	U
88-06-2	2,4,6-Trichlorophenol	6	U
95-95-4	2,4,5-Trichlorophenol	22	U
91-58-7	2-Chloronaphthalene	6	U
88-74-4	2-Nitroaniline	22	U
131-11-3	Dimethylphthalate	6	U
208-96-8	Acenaphthylene	6	U
606-20-2	2,6-Dinitrotoluene	6	U
83-32-9	Acenaphthene	6	U
99-09-2	3-Nitroaniline	22	U

1LCC

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB090106

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681762 Date Received: 09/02/06

Lab File ID: 681762 Date Extracted: 09/05/06

Sample Volume: 900.000 (mL) Date Analyzed: 10/01/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
51-28-5	2,4-Dinitrophenol	22	U
132-64-9	Dibenzofuran	6	U
100-02-7	4-Nitrophenol	22	U
121-14-2	2,4-Dinitrotoluene	6	U
86-73-7	Fluorene	6	U
84-66-2	Diethylphthalate	6	U
7005-72-3	4-Chlorophenyl-phenylether	6	U
100-01-6	4-Nitroaniline	22	U
534-52-1	4,6-Dinitro-2-methylphenol	22	U
86-30-6	N-nitrosodiphenylamine (1)	6	U
101-55-3	4-Bromophenyl-phenylether	6	U
118-74-1	Hexachlorobenzene	6	U
87-86-5	Pentachlorophenol	22	U
85-01-8	Phenanthrene	6	U
120-12-7	Anthracene	6	U
84-74-2	Di-n-butylphthalate	6	U
206-44-0	Fluoranthene	6	U
129-00-0	Pyrene	6	U
85-68-7	Butylbenzylphthalate	6	U
56-55-3	Benzo(a)anthracene	6	U
91-94-1	3,3'-Dichlorobenzidine	6	U
218-01-9	Chrysene	6	U
117-81-7	bis(2-Ethylhexyl)phthalate	6	U
117-84-0	Di-n-octylphthalate	6	U
205-99-2	Benzo(b)fluoranthene	6	U
207-08-9	Benzo(k)fluoranthene	6	U
50-32-8	Benzo(a)pyrene	6	U
193-39-5	Indeno(1,2,3-cd)pyrene	6	U
53-70-3	Dibenz(a,h)anthracene	6	U
191-24-2	Benzo(g,h,i)perylene	6	U

(1) - Cannot be separated from Diphenylamine

1LCF

EPA SAMPLE NO.

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FB090106

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681762 Date Received: 09/02/06

Lab File ID: 681762 Date Extracted: 09/05/06

Sample Volume: 900.000 (mL) Date Analyzed: 10/01/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

Number TICs found: 2

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC. (ug/L)	Q
1.	123-42-2	2-PENTANONE, 4-HYDROXY-4-MET	4.04	21	NJAB
2.	119-61-9	BENZOPHENONE	12.79	46	NJ
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: /chem/P.i/Psvr.p/pafa8270.b/681762.d

Page 1

Date : 01-OCT-2006 00:38

Client ID: FB090106

Instrument: P.i

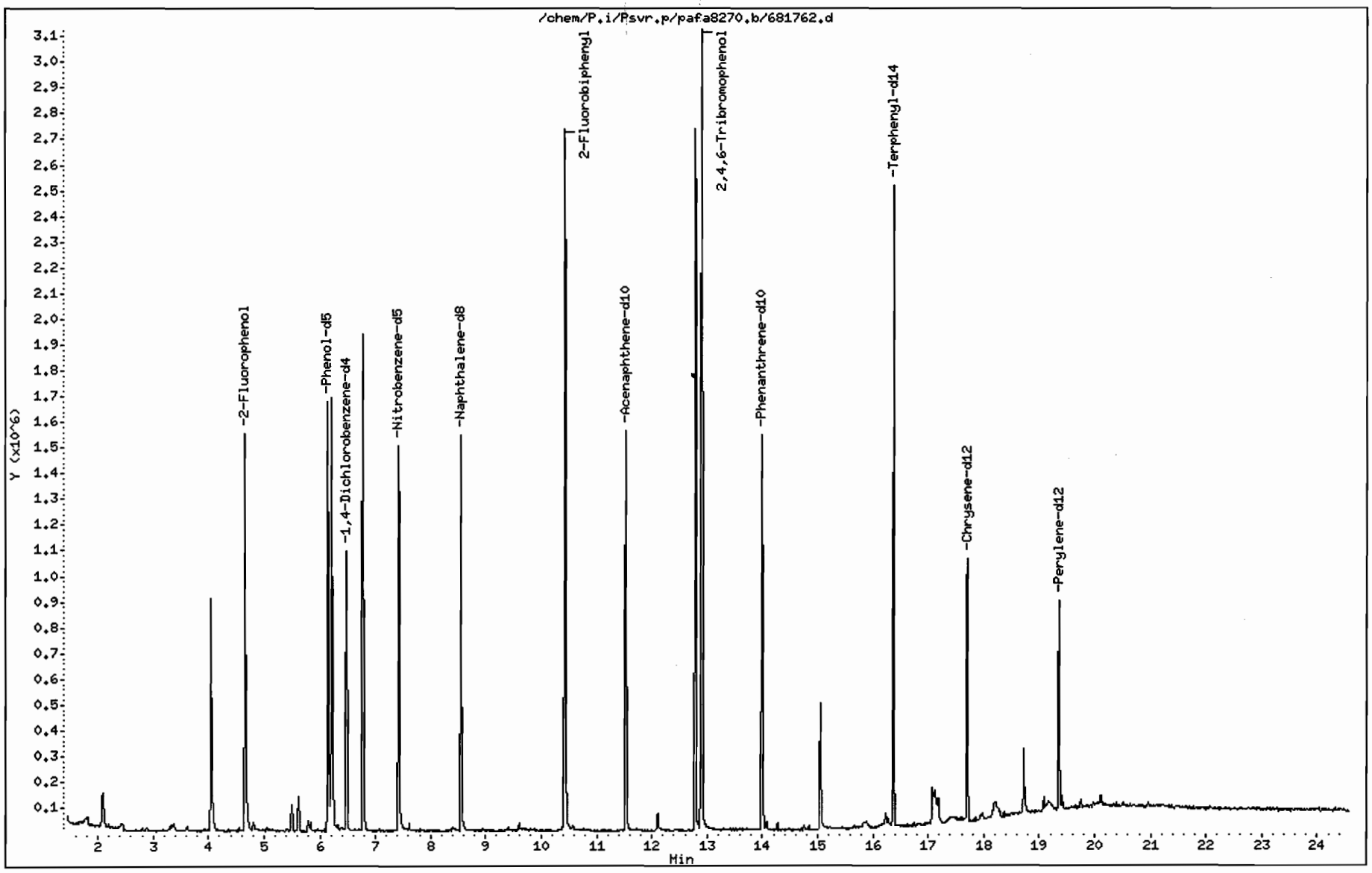
Sample Info: FB090106 :[ ]09/01/06 @0840(WATER)

Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681762.d
Lab Smp Id: 681762 Client Smp ID: FB090106
Inj Date : 01-OCT-2006 00:38
Operator : prp Inst ID: P.i
Smp Info : FB090106 :[ ]09/01/06 @0840(WATER)
Misc Info : 681762,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	900.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
$	2 2-Fluorophenol	112	4.658	4.630	(0.719)	778216	35.9836	40
$	4 Phenol-d5	99	6.146	6.118	(0.949)	1034609	39.1078	43
	5 Phenol	94	Compound Not Detected.					
	6 bis(2-Chloroethyl)Ether	93	Compound Not Detected.					
	8 2-Chlorophenol	128	Compound Not Detected.					
*	10 1,4-Dichlorobenzene-d4	152	6.475	6.467	(1.000)	268298	20.0000	
	15 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	16 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	116	Compound Not Detected.					
	18 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	19 4-Methylphenol	108	Compound Not Detected.					
$	20 Nitrobenzene-d5	82	7.419	7.401	(0.868)	788876	35.4330	39
	21 Nitrobenzene	77	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	22 Isophorone	82	Compound Not Detected.					
	23 2-Nitrophenol	139	Compound Not Detected.					
	24 2,4-Dimethylphenol	107	Compound Not Detected.					
	25 bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	26 2,4-Dichlorophenol	162	Compound Not Detected.					
*	29 Naphthalene-d8	136	8.548	8.530	(1.000)	1027330	20.0000	
	30 Naphthalene	128	Compound Not Detected.					
	31 4-Chloroaniline	127	Compound Not Detected.					
	32 Hexachlorobutadiene	224	Compound Not Detected.					
	33 4-Chloro-3-Methylphenol	107	Compound Not Detected.					
	34 2-Methylnaphthalene	142	Compound Not Detected.					
	35 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	36 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	37 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	38 2-Fluorobiphenyl	172	10.426	10.418	(0.905)	1249777	33.9211	38
	39 2-Chloronaphthalene	162	Compound Not Detected.					
	40 2-Nitroaniline	65	Compound Not Detected.					
	42 Acenaphthylene	152	Compound Not Detected.					
	41 Dimethylphthalate	163	Compound Not Detected.					
	43 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	44 Acenaphthene-d10	164	11.524	11.516	(1.000)	521363	20.0000	
	45 Acenaphthene	153	Compound Not Detected.					
	46 3-Nitroaniline	138	Compound Not Detected.					
	47 2,4-Dinitrophenol	184	Compound Not Detected.					
	48 Dibenzofuran	168	Compound Not Detected.					
	49 4-Nitrophenol	109	Compound Not Detected.					
	50 2,4-Dinitrotoluene	165	Compound Not Detected.					
	51 Fluorene	166	Compound Not Detected.					
	52 Diethylphthalate	149	Compound Not Detected.					
	53 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	54 4-Nitroaniline	138	Compound Not Detected.					
	55 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	56 N-nitrosodiphenylamine	169	Compound Not Detected.					
$	57 2,4,6-Tribromophenol	330	12.910	12.892	(0.922)	576670	101.004	110(A)
	58 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	59 Hexachlorobenzene	283	Compound Not Detected.					
	60 Pentachlorophenol	265	Compound Not Detected.					
*	61 Phenanthrene-d10	188	13.998	13.990	(1.000)	732738	20.0000	
	62 Phenanthrene	178	Compound Not Detected.					
	63 Anthracene	178	Compound Not Detected.					
	65 Di-n-butylphthalate	149	Compound Not Detected.					
	66 Fluoranthene	202	Compound Not Detected.					
	67 Pyrene	202	Compound Not Detected.					
$	68 Terphenyl-d14	244	16.379	16.361	(0.925)	1109947	43.9923	49
	69 Butylbenzylphthalate	149	Compound Not Detected.					
	70 Benzo(a)anthracene	228	Compound Not Detected.					
*	71 Chrysene-d12	240	17.703	17.695	(1.000)	461511	20.0000	
	72 3,3'-Dichlorobenzidine	252	Compound Not Detected.					

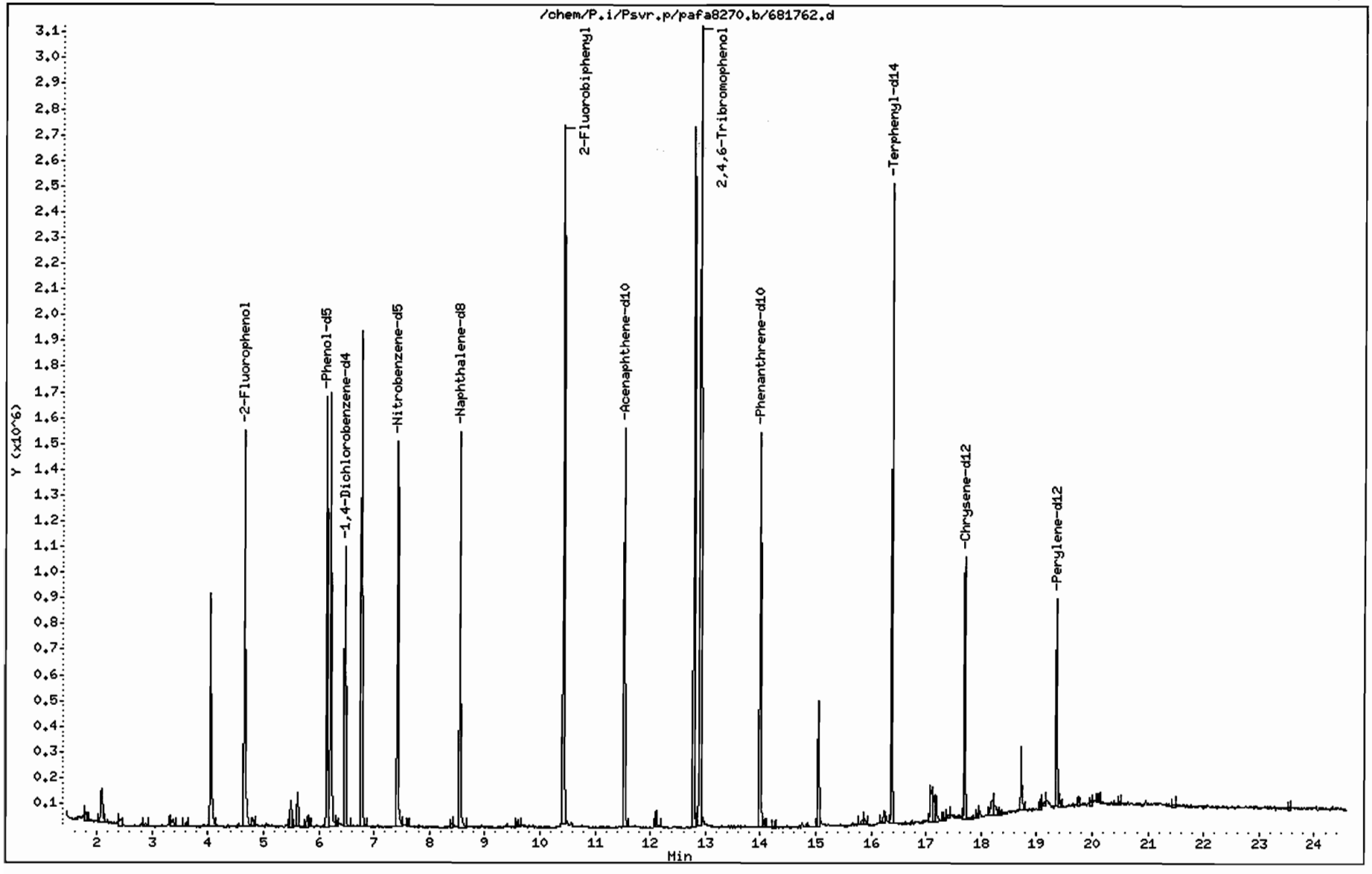
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
73	Chrysene	228	Compound Not Detected.					
74	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
75	Di-n-octylphthalate	149	Compound Not Detected.					
76	Benzo(b)fluoranthene	252	Compound Not Detected.					
77	Benzo(k)fluoranthene	252	Compound Not Detected.					
78	Benzo(a)pyrene	252	Compound Not Detected.					
* 79	Perylene-d12	264	19.355	19.357	(1.000)	339718	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
81	Dibenz(a,h)anthracene	278	Compound Not Detected.					
82	Benzo(g,h,i)perylene	276	Compound Not Detected.					

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/P.i/Psvr.p/pafa8270.b/681762.d
Date : 01-OCT-2006 00:38
Client ID: FB090106
Sample Info: FB090106 :[ ]09/01/06 @0840(WATER)
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: prp
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681762.d
Lab Smp Id: 681762 Client Smp ID: FB090106
Inj Date : 01-OCT-2006 00:38
Operator : prp Inst ID: P.i
Smp Info : FB090106 :[ ]09/01/06 @0840(WATER)
Misc Info : 681762,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	900.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 10 1,4-Dichlorobenzene-d4	6.475	1576856	20.000
* 61 Phenanthrene-d10	13.998	2001506	20.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
2-Pentanone, 4-hydroxy-4-methyl-			CAS #: 123-42-2				
4.043	1470925	18.6564181	21	59	NBS75K.1	64274	10

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Benzophenone				CAS #: 119-61-9			
12.787	4142388	41.3926971	46	97	NBS75K.l	68862	61

STL Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: P.i
Lab File ID: 681762.d
Lab Smp Id: 681762
Analysis Type: SV
Quant Type: ISTD
Operator: prp
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681762,0188_MBLK090506F,1

Calibration Date: 30-SEP-2006
Calibration Time: 14:02
Client Smp ID: FB090106
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	234993	117496	469986	268298	14.17
29 Naphthalene-d8	864971	432486	1729942	1027330	18.77
44 Acenaphthene-d10	443503	221752	887006	521363	17.56
61 Phenanthrene-d10	632401	316200	1264802	732738	15.87
71 Chrysene-d12	556585	278292	1113170	461511	-17.08
79 Perylene-d12	565792	282896	1131584	339718	-39.96

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	6.47	6.14	6.80	6.47	0.12
29 Naphthalene-d8	8.53	8.20	8.86	8.55	0.21
44 Acenaphthene-d10	11.52	11.19	11.85	11.52	0.07
61 Phenanthrene-d10	13.99	13.66	14.32	14.00	0.06
71 Chrysene-d12	17.69	17.36	18.02	17.70	0.04
79 Perylene-d12	19.36	19.03	19.69	19.36	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

STL Burlington

RECOVERY REPORT

Client Name: STLCTS
Client SDG: 213609
Sample Matrix: LIQUID
Fraction: SV
Lab Smp Id: 681762
Client Smp ID: FB090106
Level: LOW
Operator: prp
Data Type: MS DATA
SampleType: SAMPLE
SpikeList File: OLClcs.spk
Quant Type: ISTD
Sublist File: OLC.sub
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681762,0188_MBLK090506F,1

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 2 2-Fluorophenol	44	40	89.96	15-121
$ 4 Phenol-d5	44	43	97.77	15-115
$ 20 Nitrobenzene-d5	44	39	88.58	23-120
$ 38 2-Fluorobiphenyl	44	38	84.80	30-115
$ 57 2,4,6-Tribromophen	130	110	84.17	15-130
$ 68 Terphenyl-d14	44	49	109.98	18-140

Data File: /chem/P.i/Psvr.p/pafa8270.b/681762.d

Date : 01-OCT-2006 00:38

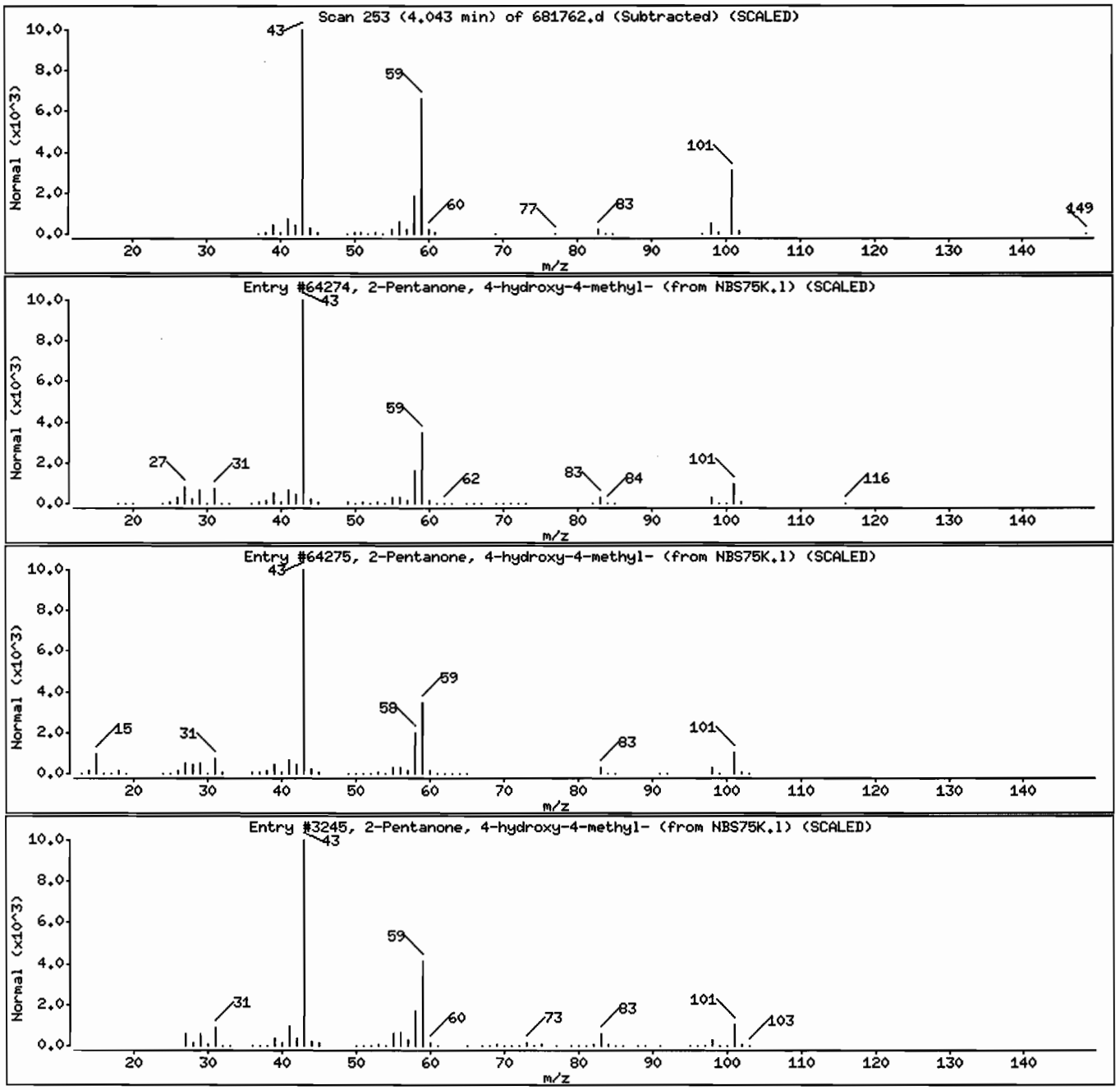
Client ID: FB090106 Instrument: P.i

Sample Info: FB090106 :[ ]09/01/06 @0840(WATER)

Volume Injected (uL): 1.0 Operator: prp

Column phase: RTx-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64274	59	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64275	39	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	3245	28	C6H12O2	116



Data File: /chem/P.i/Psvr.p/pafa8270.b/681762.d

Date : 01-OCT-2006 00:38

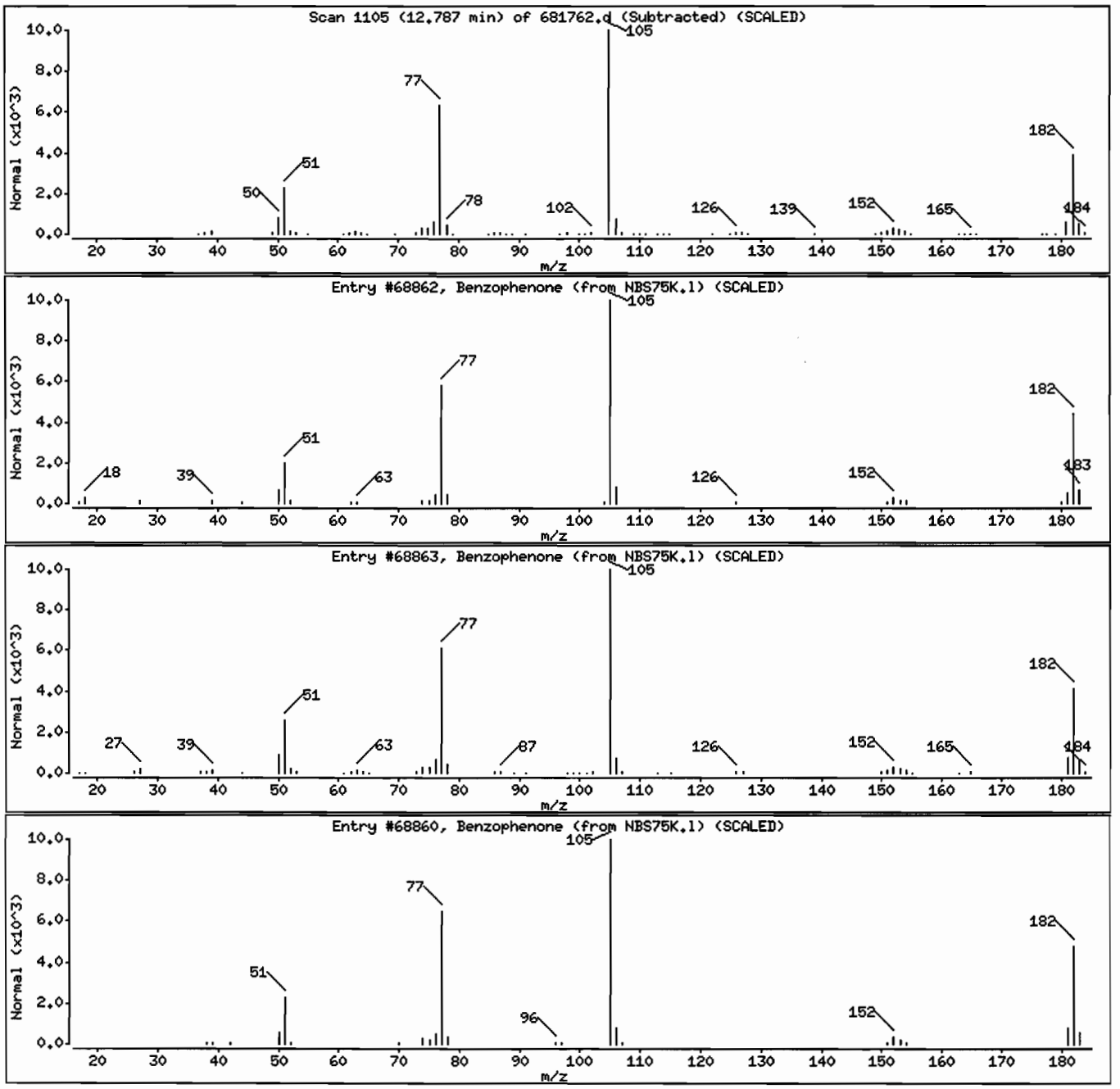
Client ID: FB090106 Instrument: P.i

Sample Info: FB090106 :[ ]09/01/06 @0840(WATER)

Volume Injected (uL): 1.0 Operator: prp

Column phase: RTx-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzophenone	119-61-9	NBS75K.l	68862	97	C13H10O	182
Benzophenone	119-61-9	NBS75K.l	68863	96	C13H10O	182
Benzophenone	119-61-9	NBS75K.l	68860	96	C13H10O	182



SEVERN TRENT STL

OLC02.1

***

SEMI-VOLATILE ORGANIC ANALYSIS

***

STANDARDS

6LCB

LOW CONC. WATER SEMIVOLATILE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Instrument ID: P Calibration Date(s): 09/30/06 09/30/06

Calibration Time(s): 0932 1147

LAB FILE ID: RRF5 =PAF005 RRF10 =PAF010
RRF20 =PAF020 RRF50 =PAF050 RRF80 =PAF080

COMPOUND		RRF5	RRF10	RRF20	RRF50	RRF80	$\overline{RRF}$	% RSD	
Phenol	*	1.876	1.933	1.976	1.717	1.576	1.816	9.2*	
bis(2-Chloroethyl)Ether	*	1.629	1.518	1.562	1.355	1.274	1.468	10.1*	
2-Chlorophenol	*	1.541	1.591	1.598	1.418	1.391	1.508	6.5*	
2,2'-oxybis(1-Chloropropane)	*	1.710	1.676	1.667	1.455	1.373	1.576	9.6*	
2-Methylphenol	*	1.491	1.391	1.438	1.288	1.268	1.375	7.0*	
Hexachloroethane	*	0.667	0.707	0.697	0.596	0.584	0.650	8.8*	
N-Nitroso-di-n-propylamine	*	1.049	1.098	1.076	0.878	0.857	0.992	11.6*	
4-Methylphenol	*	1.502	1.516	1.470	1.299	1.259	1.409	8.6*	
Nitrobenzene	*	0.393	0.414	0.421	0.383	0.378	0.398	4.8*	
Isophorone	*	0.735	0.746	0.746	0.695	0.696	0.724	3.6*	
2-Nitrophenol	*	0.201	0.222	0.241	0.231	0.222	0.223	6.7*	
2,4-Dimethylphenol	*	0.366	0.390	0.418	0.392	0.381	0.389	4.8*	
bis(2-Chloroethoxy)methane	*	0.481	0.503	0.491	0.447	0.435	0.471	6.2*	
2,4-Dichlorophenol	*	0.325	0.349	0.368	0.338	0.320	0.340	5.7*	
Naphthalene	*	1.128	1.098	1.154	0.998	0.949	1.065	8.3*	
4-Chloroaniline	*	0.421	0.459	0.498	0.429	0.408	0.443	8.2*	
Hexachlorobutadiene	*	0.190	0.192	0.207	0.194	0.196	0.196	3.3*	
4-Chloro-3-Methylphenol	*	0.251	0.262	0.282	0.303	0.312	0.282	9.3*	
2-Methylnaphthalene	*	0.656	0.696	0.648	0.581	0.569	0.630	8.5*	
Hexachlorocyclopentadiene	*		0.086	0.163	0.233	0.271	0.188	43.3*	<-
2,4,6-Trichlorophenol	*	0.379	0.428	0.435	0.407	0.408	0.411	5.3*	
2,4,5-Trichlorophenol	*		0.502	0.469	0.433	0.434	0.460	7.1*	
2-Chloronaphthalene	*	1.346	1.344	1.318	1.101	1.031	1.228	12.2*	
2-Nitroaniline	*		0.448	0.424	0.393	0.385	0.412	7.0*	
Dimethylphthalate	*	1.453	1.494	1.463	1.329	1.310	1.410	6.0*	
Acenaphthylene	*	1.932	2.068	2.008	1.770	1.696	1.895	8.3*	
2,6-Dinitrotoluene	*	0.300	0.347	0.343	0.332	0.330	0.330	5.6*	
Acenaphthene	*	1.128	1.147	1.100	0.963	0.920	1.052	9.8*	
3-Nitroaniline	*		0.421	0.382	0.353	0.332	0.372	10.3*	
2,4-Dinitrophenol	*		0.142	0.185	0.202	0.200	0.182	15.3*	
Dibenzofuran	*	1.751	1.822	1.773	1.581	1.509	1.687	8.0*	
4-Nitrophenol	*		0.169	0.174	0.174	0.180	0.174	2.6*	
2,4-Dinitrotoluene	*	0.401	0.437	0.452	0.406	0.416	0.422	5.1*	

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

6LCC

LOW CONC. WATER SEMIVOLATILE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Instrument ID: P Calibration Date(s): 09/30/06 09/30/06

Calibration Time(s): 0932 1147

LAB FILE ID: RRF5 =PAF005 RRF10 =PAF010
RRF20 =PAF020 RRF50 =PAF050 RRF80 =PAF080

COMPOUND		RRF5	RRF10	RRF20	RRF50	RRF80	$\overline{RRF}$	% RSD
Fluorene	*	1.375	1.432	1.384	1.166	1.107	1.293	11.3*
Diethylphthalate	*	1.315	1.316	1.285	1.106	1.073	1.219	9.8*
4-Chlorophenyl-phenylether	*	0.630	0.661	0.664	0.588	0.568	0.622	6.9*
4-Nitroaniline	*		0.423	0.406	0.389	0.394	0.403	3.7*
4,6-Dinitro-2-methylphenol	*		0.200	0.210	0.199	0.200	0.202	2.4*
N-nitrosodiphenylamine (1)	*	0.640	0.652	0.654	0.545	0.528	0.604	10.2*
4-Bromophenyl-phenylether	*	0.263	0.272	0.282	0.247	0.250	0.263	5.6*
Hexachlorobenzene	*	0.321	0.323	0.334	0.305	0.311	0.319	3.5*
Pentachlorophenol	*		0.127	0.141	0.139	0.148	0.139	6.1*
Phenanthrene	*	1.382	1.353	1.370	1.173	1.160	1.288	8.6*
Anthracene	*	1.333	1.338	1.318	1.148	1.097	1.247	9.3*
Di-n-butylphthalate	*	1.691	1.683	1.697	1.465	1.417	1.591	8.7*
Fluoranthene	*	1.358	1.351	1.380	1.230	1.213	1.306	6.0*
Pyrene	*	1.666	1.706	1.755	1.568	1.635	1.666	4.2*
Butylbenzylphthalate	*	0.876	0.900	0.934	0.809	0.829	0.870	5.9*
Benzo(a)anthracene	*	1.533	1.541	1.581	1.386	1.458	1.500	5.2*
3,3'-Dichlorobenzidine	*	0.519	0.532	0.518	0.479	0.451	0.500	6.8*
Chrysene	*	1.480	1.431	1.445	1.284	1.322	1.392	6.1*
bis(2-Ethylhexyl)phthalate	*	1.106	1.134	1.120	0.918	0.950	1.046	9.8*
Di-n-octylphthalate	*	1.805	1.865	1.924	1.812	1.935	1.868	3.3*
Benzo(b)fluoranthene	*	1.832	1.674	1.501	1.634	1.650	1.658	7.1*
Benzo(k)fluoranthene	*	1.572	1.509	1.923	1.600	1.745	1.670	9.9*
Benzo(a)pyrene	*	1.356	1.356	1.423	1.329	1.380	1.369	2.6*
Indeno(1,2,3-cd)pyrene	*	1.156	1.182	1.188	1.018	1.024	1.114	7.6*
Dibenz(a,h)anthracene	*	0.955	0.988	1.003	0.869	0.896	0.942	6.2*
Benzo(g,h,i)perylene	*	0.967	0.945	0.924	0.758	0.751	0.869	12.2*
2-Fluorophenol	*	1.378	1.486	1.562	1.458	1.528	1.482	4.7*
Phenol-d5	*	1.817	1.887	1.908	1.726	1.633	1.794	6.4*
Nitrobenzene-d5	*	0.387	0.412	0.438	0.396	0.403	0.407	4.8*
2-Fluorobiphenyl	*	1.447	1.458	1.414	1.262	1.206	1.357	8.5*
2,4,6-Tribromophenol	*	0.169	0.162	0.159	0.148	0.153	0.158	5.1*
Terphenyl-d14	*	1.044	1.095	1.136	1.024	1.065	1.073	4.1*

(1) Cannot be seperated from Diphenylamine

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

7LCB

LOW CONC. WATER SEMIVOLATILE ORGANINCS CONTINUING CALIBRATION SUMMARY

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Instrument ID: P Calibration Date: 09/30/06 Time: 1402

Lab File ID: PAF020 Init. Calib. Date(s): 09/30/06 09/30/06

Init. Calib. Times: 0932 1147

COMPOUND	RRF	RRF20	MIN RRF	%D	MAX %D
Phenol	1.816	2.030	0.800	-11.8	25.0
bis(2-Chloroethyl)Ether	1.468	1.628	0.700	-10.9	25.0
2-Chlorophenol	1.508	1.656	0.800	-9.8	25.0
2,2'-oxybis(1-Chloropropane)	1.576	1.732		-9.9	
2-Methylphenol	1.375	1.489	0.700	-8.3	25.0
Hexachloroethane	0.650	0.716	0.300	-10.2	25.0
N-Nitroso-di-n-propylamine	0.992	1.088	0.500	-9.7	25.0
4-Methylphenol	1.409	1.490	0.600	-5.7	25.0
Nitrobenzene	0.398	0.432	0.200	-8.5	25.0
Isophorone	0.724	0.774	0.400	-6.9	25.0
2-Nitrophenol	0.223	0.235	0.100	-5.4	30.0
2,4-Dimethylphenol	0.389	0.403	0.200	-3.6	30.0
bis(2-Chloroethoxy)methane	0.471	0.510	0.300	-8.3	25.0
2,4-Dichlorophenol	0.340	0.356	0.200	-4.7	25.0
Naphthalene	1.065	1.144	0.700	-7.4	25.0
4-Chloroaniline	0.443	0.461		-4.1	
Hexachlorobutadiene	0.196	0.200		-2.0	
4-Chloro-3-Methylphenol	0.282	0.286	0.200	-1.4	25.0
2-Methylnaphthalene	0.630	0.684	0.400	-8.6	25.0
Hexachlorocyclopentadiene	0.188	0.160		14.9	
2,4,6-Trichlorophenol	0.411	0.419	0.200	-1.9	25.0
2,4,5-Trichlorophenol	0.460	0.479	0.200	-4.1	25.0
2-Chloronaphthalene	1.228	1.293	0.800	-5.3	25.0
2-Nitroaniline	0.412	0.437		-6.1	
Dimethylphthalate	1.410	1.504		-6.7	
Acenaphthylene	1.895	1.999	0.900	-5.5	25.0
2,6-Dinitrotoluene	0.330	0.365	0.200	-10.6	25.0
Acenaphthene	1.052	1.097	0.900	-4.3	25.0
3-Nitroaniline	0.372	0.401		-7.8	
2,4-Dinitrophenol	0.182	0.189		-3.8	
Dibenzofuran	1.687	1.763	0.800	-4.5	25.0
4-Nitrophenol	0.174	0.193		-10.9	
2,4-Dinitrotoluene	0.422	0.477	0.200	-13.0	25.0

All other compounds must meet a minimum RRF of 0.010.

7LCC

LOW CONC. WATER SEMIVOLATILE ORGANINCS CONTINUING CALIBRATION SUMMARY

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Instrument ID: P Calibration Date: 09/30/06 Time: 1402

Lab File ID: PAF020 Init. Calib. Date(s): 09/30/06 09/30/06

Init. Calib. Times: 0932 1147

COMPOUND	RRF	RRF20	MIN RRF	%D	MAX %D
Fluorene	1.293	1.404	0.900	-8.6	25.0
Diethylphthalate	1.219	1.324		-8.6	
4-Chlorophenyl-phenylether	0.622	0.663	0.400	-6.6	25.0
4-Nitroaniline	0.403	0.428		-6.2	
4,6-Dinitro-2-methylphenol	0.202	0.213		-5.4	
N-nitrosodiphenylamine(1)	0.604	0.641		-6.1	
4-Bromophenyl-phenylether	0.263	0.266	0.100	-1.1	25.0
Hexachlorobenzene	0.319	0.327	0.100	-2.5	25.0
Pentachlorophenol	0.139	0.140	0.050	-0.7	25.0
Phenanthrene	1.288	1.348	0.700	-4.6	25.0
Anthracene	1.247	1.341	0.700	-7.5	25.0
Di-n-butylphthalate	1.591	1.699		-6.8	
Fluoranthene	1.306	1.406	0.600	-7.6	25.0
Pyrene	1.666	1.683	0.600	-1.0	25.0
Butylbenzylphthalate	0.870	0.880		-1.1	
Benzo(a)anthracene	1.500	1.547	0.800	-3.1	25.0
3,3'-Dichlorobenzidine	0.500	0.532		-6.4	
Chrysene	1.392	1.418	0.700	-1.9	25.0
bis(2-Ethylhexyl)phthalate	1.046	1.060		-1.3	
Di-n-octylphthalate	1.868	1.947		-4.2	
Benzo(b)fluoranthene	1.658	1.721	0.700	-3.8	25.0
Benzo(k)fluoranthene	1.670	1.539	0.700	7.8	25.0
Benzo(a)pyrene	1.369	1.383	0.700	-1.0	25.0
Indeno(1,2,3-cd)pyrene	1.114	1.153	0.500	-3.5	25.0
Dibenz(a,h)anthracene	0.942	0.988	0.400	-4.9	25.0
Benzo(g,h,i)perylene	0.869	0.902	0.500	-3.8	25.0
2-Fluorophenol	1.482	1.612	0.600	-8.8	25.0
Phenol-d5	1.794	1.972	0.800	-9.9	25.0
Nitrobenzene-d5	0.407	0.433	0.200	-6.4	25.0
2-Fluorobiphenyl	1.357	1.413	0.700	-4.1	25.0
2,4,6-Tribromophenol	0.158	0.156		1.3	
Terphenyl-d14	1.073	1.093	0.500	-1.9	25.0

(1) Cannot be separated from Diphenylamine
All other compounds must meet a minimum RRF of 0.010.

7LCB

LOW CONC. WATER SEMIVOLATILE ORGANINCS CONTINUING CALIBRATION SUMMARY

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Instrument ID: P Calibration Date: 10/01/06 Time: 1239

Lab File ID: PAF020B Init. Calib. Date(s): 09/30/06 09/30/06

Init. Calib. Times: 0932 1147

COMPOUND	RRF	RRF20	MIN RRF	%D	MAX %D	
Phenol	1.816	1.921	0.800	-5.8	25.0	
bis(2-Chloroethyl)Ether	1.468	1.519	0.700	-3.5	25.0	
2-Chlorophenol	1.508	1.525	0.800	-1.1	25.0	
2,2'-oxybis(1-Chloropropane)	1.576	1.639		-4.0		
2-Methylphenol	1.375	1.370	0.700	0.4	25.0	
Hexachloroethane	0.650	0.656	0.300	-0.9	25.0	
N-Nitroso-di-n-propylamine	0.992	1.062	0.500	-7.0	25.0	
4-Methylphenol	1.409	1.451	0.600	-3.0	25.0	
Nitrobenzene	0.398	0.406	0.200	-2.0	25.0	
Isophorone	0.724	0.742	0.400	-2.5	25.0	
2-Nitrophenol	0.223	0.224	0.100	-0.4	30.0	
2,4-Dimethylphenol	0.389	0.397	0.200	-2.0	30.0	
bis(2-Chloroethoxy)methane	0.471	0.487	0.300	-3.4	25.0	
2,4-Dichlorophenol	0.340	0.336	0.200	1.2	25.0	
Naphthalene	1.065	1.083	0.700	-1.7	25.0	
4-Chloroaniline	0.443	0.462		-4.3		
Hexachlorobutadiene	0.196	0.191		2.6		
4-Chloro-3-Methylphenol	0.282	0.284	0.200	-0.7	25.0	
2-Methylnaphthalene	0.630	0.614	0.400	2.5	25.0	
Hexachlorocyclopentadiene	0.188	0.153		18.6		
2,4,6-Trichlorophenol	0.411	0.303	0.200	26.3	25.0	<-
2,4,5-Trichlorophenol	0.460	0.450	0.200	2.2	25.0	
2-Chloronaphthalene	1.228	1.203	0.800	2.0	25.0	
2-Nitroaniline	0.412	0.459		-11.4		
Dimethylphthalate	1.410	1.401		0.6		
Acenaphthylene	1.895	1.904	0.900	-0.5	25.0	
2,6-Dinitrotoluene	0.330	0.326	0.200	1.2	25.0	
Acenaphthene	1.052	1.021	0.900	2.9	25.0	
3-Nitroaniline	0.372	0.408		-9.7		
2,4-Dinitrophenol	0.182	0.183		-0.5		
Dibenzofuran	1.687	1.676	0.800	0.6	25.0	
4-Nitrophenol	0.174	0.184		-5.7		
2,4-Dinitrotoluene	0.422	0.423	0.200	-0.2	25.0	

All other compounds must meet a minimum RRF of 0.010.

7LCC

LOW CONC. WATER SEMIVOLATILE ORGANINCS CONTINUING CALIBRATION SUMMARY

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Instrument ID: P Calibration Date: 10/01/06 Time: 1239

Lab File ID: PAF020B Init. Calib. Date(s): 09/30/06 09/30/06

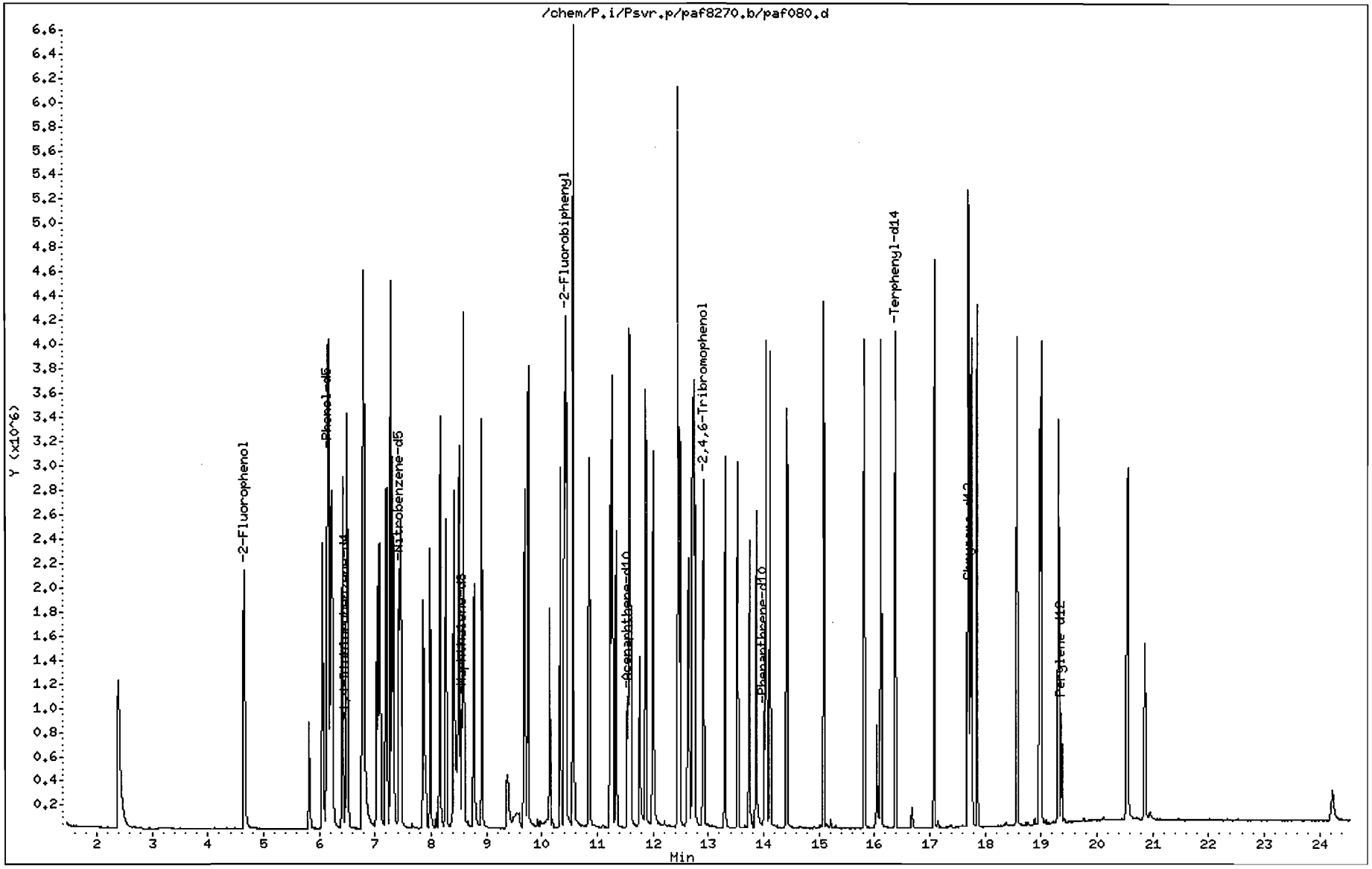
Init. Calib. Times: 0932 1147

COMPOUND	$\overline{RRF}$	RRF20	MIN RRF	%D	MAX %D
Fluorene	1.293	1.332	0.900	-3.0	25.0
Diethylphthalate	1.219	1.276		-4.7	
4-Chlorophenyl-phenylether	0.622	0.623	0.400	-0.2	25.0
4-Nitroaniline	0.403	0.431		-6.9	
4,6-Dinitro-2-methylphenol	0.202	0.207		-2.5	
N-nitrosodiphenylamine(1)	0.604	0.580		4.0	
4-Bromophenyl-phenylether	0.263	0.269	0.100	-2.3	25.0
Hexachlorobenzene	0.319	0.317	0.100	0.6	25.0
Pentachlorophenol	0.139	0.154	0.050	-10.8	25.0
Phenanthrene	1.288	1.277	0.700	0.8	25.0
Anthracene	1.247	1.216	0.700	2.5	25.0
Di-n-butylphthalate	1.591	1.548		2.7	
Fluoranthene	1.306	1.269	0.600	2.8	25.0
Pyrene	1.666	1.648	0.600	1.1	25.0
Butylbenzylphthalate	0.870	0.856		1.6	
Benzo(a)anthracene	1.500	1.481	0.800	1.3	25.0
3,3'-Dichlorobenzidine	0.500	0.471		5.8	
Chrysene	1.392	1.336	0.700	4.0	25.0
bis(2-Ethylhexyl)phthalate	1.046	0.991		5.2	
Di-n-octylphthalate	1.868	1.860		0.4	
Benzo(b)fluoranthene	1.658	1.838	0.700	-10.8	25.0
Benzo(k)fluoranthene	1.670	1.478	0.700	11.5	25.0
Benzo(a)pyrene	1.369	1.329	0.700	2.9	25.0
Indeno(1,2,3-cd)pyrene	1.114	1.067	0.500	4.2	25.0
Dibenz(a,h)anthracene	0.942	0.893	0.400	5.2	25.0
Benzo(g,h,i)perylene	0.869	0.876	0.500	-0.8	25.0
2-Fluorophenol	1.482	1.516	0.600	-2.3	25.0
Phenol-d5	1.794	1.793	0.800	0.0	25.0
Nitrobenzene-d5	0.407	0.412	0.200	-1.2	25.0
2-Fluorobiphenyl	1.357	1.279	0.700	5.7	25.0
2,4,6-Tribromophenol	0.158	0.170		-7.6	
Terphenyl-d14	1.073	1.085	0.500	-1.1	25.0

(1) Cannot be separated from Diphenylamine
All other compounds must meet a minimum RRF of 0.010.

Data File: /chem/P.i/Psvr.p/paf8270.b/paf080.d
Date : 30-SEP-2006 09:32
Client ID: SSTD080
Sample Info:
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: djb
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/paf8270.b/paf080.d
Lab Smp Id: SSTD080 Client Smp ID: SSTD080
Inj Date : 30-SEP-2006 09:32
Operator : djb Inst ID: P.i
Smp Info :
Misc Info : SSTD080
Comment :
Method : /chem/P.i/Psvr.p/paf8270.b/colc02.m
Meth Date : 02-Oct-2006 11:01 je Quant Type: ISTD
Cal Date : 30-SEP-2006 10:39 Cal File: paf020.d
Als bottle: 4 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

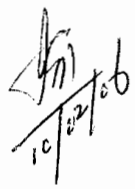
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	2 2-Fluorophenol	112	4.652	4.637	(0.718)	1281324	80.0000	82(A)
$	4 Phenol-d5	99	6.151	6.125	(0.949)	1369888	80.0000	73
	5 Phenol	94	6.171	6.146	(0.952)	1322022	80.0000	69
	6 bis(2-Chloroethyl)Ether	93	6.182	6.156	(0.954)	1069002	80.0000	69
	8 2-Chlorophenol	128	6.243	6.228	(0.964)	1166471	80.0000	74
*	10 1,4-Dichlorobenzene-d4	152	6.479	6.474	(1.000)	209695	20.0000	
	15 2,2'-oxybis(1-Chloropropane)	45	7.044	7.028	(1.087)	1151467	80.0000	70
	16 2-Methylphenol	108	7.085	7.059	(1.093)	1063681	80.0000	74
	17 Hexachloroethane	117	7.280	7.264	(1.124)	490046	80.0000	72
	18 N-Nitroso-di-n-propylamine	70	7.290	7.254	(1.125)	718649	80.0000	69
	19 4-Methylphenol	108	7.321	7.305	(1.130)	1056131	80.0000	71
$	20 Nitrobenzene-d5	82	7.434	7.408	(0.868)	1168585	80.0000	79
	21 Nitrobenzene	77	7.464	7.439	(0.872)	1095945	80.0000	76

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	22 Isophorone	82	7.865	7.839	(0.918)	2015929	80.0000	77
	23 2-Nitrophenol	139	7.988	7.973	(0.933)	642118	80.0000	79
	24 2,4-Dimethylphenol	107	8.162	8.137	(0.953)	1104936	80.0000	78
	25 bis(2-Chloroethoxy)methane	93	8.265	8.250	(0.965)	1259259	80.0000	74
	26 2,4-Dichlorophenol	162	8.419	8.404	(0.983)	925983	80.0000	75
*	29 Naphthalene-d8	136	8.563	8.547	(1.000)	724079	20.0000	
	30 Naphthalene	128	8.593	8.578	(1.004)	2749178	80.0000	71
	31 4-Chloroaniline	127	8.778	8.753	(1.025)	1181426	80.0000	74
	32 Hexachlorobutadiene	225	8.922	8.906	(1.042)	567914	80.0000	80(A)
	33 4-Chloro-3-Methylphenol	107	9.691	9.666	(1.132)	904931	80.0000	89(A)
	34 2-Methylnaphthalene	142	9.763	9.738	(1.140)	1649336	80.0000	72
	35 Hexachlorocyclopentadiene	237	10.153	10.138	(0.880)	409860	80.0000	120(A)
	36 2,4,6-Trichlorophenol	196	10.338	10.313	(0.896)	618242	80.0000	79
	37 2,4,5-Trichlorophenol	196	10.420	10.395	(0.903)	985107	120.000	110(A)
$	38 2-Fluorobiphenyl	172	10.441	10.425	(0.905)	1824720	80.0000	71
	39 2-Chloronaphthalene	162	10.574	10.549	(0.916)	1560059	80.0000	67
	40 2-Nitroaniline	65	10.861	10.836	(0.941)	873310	120.000	110(A)
	42 Acenaphthylene	152	11.272	11.257	(0.977)	2566886	80.0000	72
	41 Dimethylphthalate	163	11.241	11.216	(0.974)	1981761	80.0000	74
	43 2,6-Dinitrotoluene	165	11.344	11.318	(0.983)	499592	80.0000	80
*	44 Acenaphthene-d10	164	11.539	11.524	(1.000)	378323	20.0000	
	45 Acenaphthene	153	11.590	11.575	(1.004)	1392667	80.0000	70
	46 3-Nitroaniline	138	11.580	11.554	(1.004)	753056	120.000	110(A)
	47 2,4-Dinitrophenol	184	11.765	11.739	(1.020)	453129	120.000	130(A)
	48 Dibenzofuran	168	11.867	11.852	(1.028)	2283194	80.0000	72
	49 4-Nitrophenol	109	12.001	11.975	(1.040)	408733	120.000	120(A)
	50 2,4-Dinitrotoluene	165	12.011	11.985	(1.041)	630006	80.0000	79
	51 Fluorene	166	12.452	12.437	(1.079)	1674691	80.0000	68
	52 Diethylphthalate	149	12.463	12.437	(1.080)	1624464	80.0000	70
	53 4-Chlorophenyl-phenylether	204	12.493	12.478	(1.083)	859152	80.0000	73
	54 4-Nitroaniline	138	12.647	12.622	(1.096)	895241	120.000	120(A)
	55 4,6-Dinitro-2-methylphenol	198	12.719	12.694	(0.908)	630493	120.000	120(A)
	56 N-nitrosodiphenylamine	169	12.729	12.704	(0.908)	1109599	80.0000	70
$	57 2,4,6-Tribromophenol	330	12.914	12.899	(0.922)	481664	120.000	120(A)
	58 4-Bromophenyl-phenylether	248	13.304	13.289	(0.949)	524297	80.0000	76
	59 Hexachlorobenzene	284	13.530	13.515	(0.966)	652219	80.0000	78
	60 Pentachlorophenol	266	13.869	13.853	(0.990)	464925	120.000	130(A)
*	61 Phenanthrene-d10	188	14.012	13.997	(1.000)	524886	20.0000	
	62 Phenanthrene	178	14.053	14.038	(1.003)	2436147	80.0000	72
	63 Anthracene	178	14.125	14.110	(1.008)	2302556	80.0000	70
	65 Di-n-butylphthalate	149	15.090	15.075	(1.077)	2975835	80.0000	71
	66 Fluoranthene	202	15.819	15.803	(1.129)	2546859	80.0000	74
	67 Pyrene	202	16.116	16.101	(0.910)	2647956	80.0000	79
$	68 Terphenyl-d14	244	16.383	16.368	(0.925)	1724572	80.0000	79
	69 Butylbenzylphthalate	149	17.091	17.076	(0.965)	1342105	80.0000	76
	70 Benzo(a)anthracene	228	17.697	17.681	(0.999)	2360872	80.0000	78
*	71 Chrysene-d12	240	17.717	17.702	(1.000)	404811	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
72	3,3'-Dichlorobenzidine	252	17.707	17.692	(0.999)	729939	80.0000	72
73	Chrysene	228	17.758	17.733	(1.002)	2141603	80.0000	76
74	bis(2-Ethylhexyl)phthalate	149	17.861	17.846	(1.008)	1538711	80.0000	73
75	Di-n-octylphthalate	149	18.579	18.554	(0.959)	2784853	80.0000	83(A)
76	Benzo(b)fluoranthene	252	18.980	18.954	(0.980)	2374028	80.0000	80
77	Benzo(k)fluoranthene	252	19.010	18.985	(0.981)	2511211	80.0000	84(A)
78	Benzo(a)pyrene	252	19.318	19.303	(0.997)	1986059	80.0000	81(A)
* 79	Perylene-d12	264	19.370	19.354	(1.000)	359793	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	20.550	20.524	(1.061)	1474352	80.0000	74
81	Dibenz(a,h)anthracene	278	20.560	20.524	(1.061)	1288898	80.0000	76
82	Benzo(g,h,i)perylene	276	20.868	20.842	(1.077)	1081101	80.0000	69

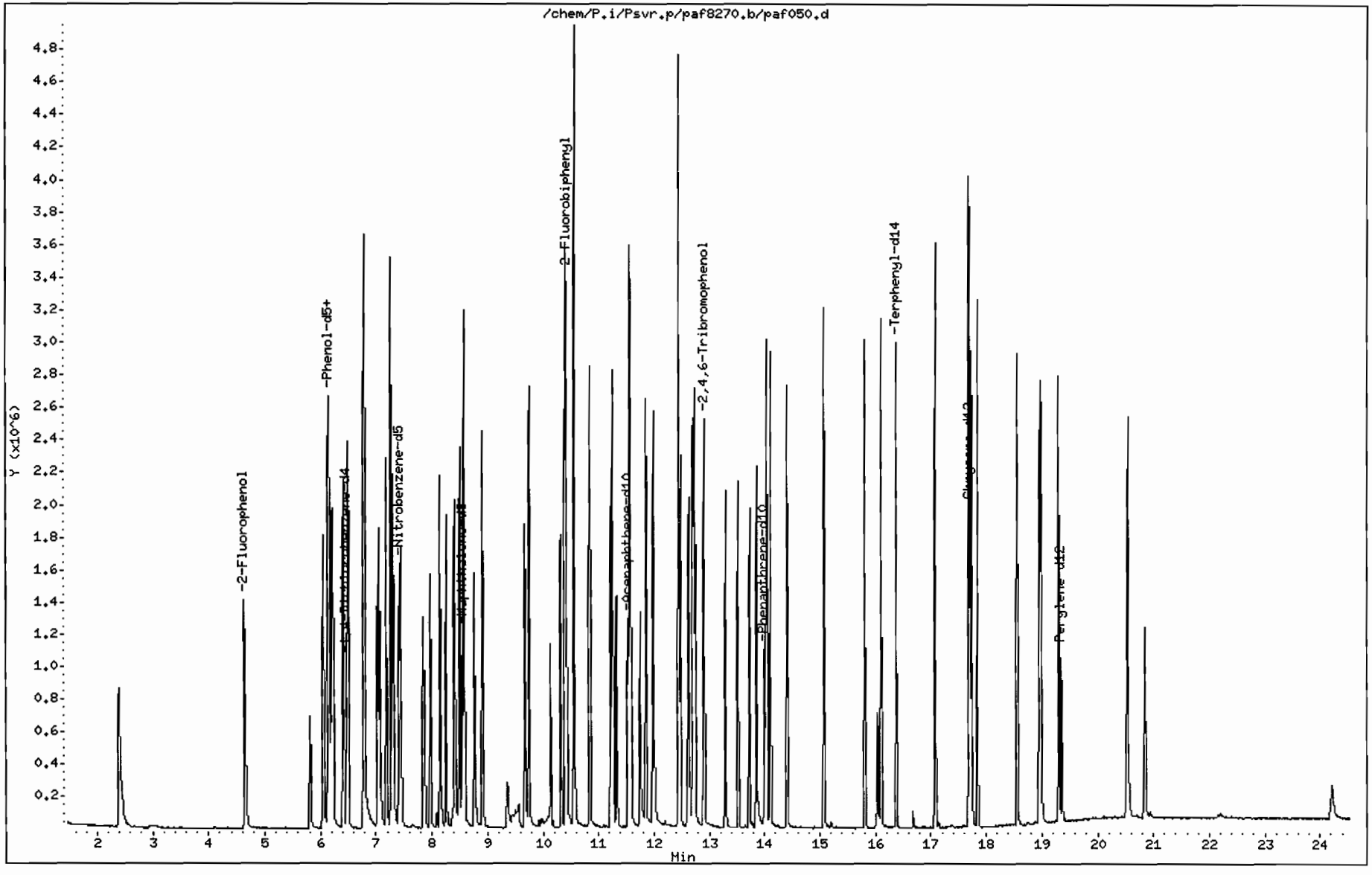
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.



Data File: /chem/P.i/Psvr.p/paf8270.b/paf050.d
Date : 30-SEP-2006 10:05
Client ID: SSTD050
Sample Info:
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: djb
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/paf8270.b/paf050.d
Lab Smp Id: SSTD050 Client Smp ID: SSTD050
Inj Date : 30-SEP-2006 10:05
Operator : djb Inst ID: P.i
Smp Info :
Misc Info : SSTD050
Comment :
Method : /chem/P.i/Psvr.p/paf8270.b/colc02.m
Meth Date : 02-Oct-2006 11:01 je Quant Type: ISTD
Cal Date : 30-SEP-2006 10:39 Cal File: paf020.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	2 2-Fluorophenol	112	4.643	4.637	(0.716)	835452	50.0000	49
$	4 Phenol-d5	99	6.142	6.125	(0.948)	988400	50.0000	48
	5 Phenol	94	6.152	6.146	(0.949)	983350	50.0000	47
	6 bis(2-Chloroethyl)Ether	93	6.172	6.156	(0.952)	776388	50.0000	46
	8 2-Chlorophenol	128	6.234	6.228	(0.962)	812352	50.0000	47
*	10 1,4-Dichlorobenzene-d4	152	6.480	6.474	(1.000)	229123	20.0000	
	15 2,2'-oxybis(1-Chloropropane)	45	7.034	7.028	(1.086)	833647	50.0000	46
	16 2-Methylphenol	108	7.075	7.059	(1.092)	737788	50.0000	47
	17 Hexachloroethane	117	7.270	7.264	(1.122)	341129	50.0000	46
	18 N-Nitroso-di-n-propylamine	70	7.270	7.254	(1.122)	503243	50.0000	44
	19 4-Methylphenol	108	7.311	7.305	(1.128)	744096	50.0000	46
$	20 Nitrobenzene-d5	82	7.424	7.408	(0.868)	798615	50.0000	49
	21 Nitrobenzene	77	7.455	7.439	(0.872)	771319	50.0000	48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	22 Isophorone	82	7.845	7.839	(0.917)	1400488	50.0000	48
	23 2-Nitrophenol	139	7.979	7.973	(0.933)	465059	50.0000	52
	24 2,4-Dimethylphenol	107	8.153	8.137	(0.953)	790929	50.0000	50
	25 bis(2-Chloroethoxy)methane	93	8.256	8.250	(0.965)	900419	50.0000	47
	26 2,4-Dichlorophenol	162	8.410	8.404	(0.983)	680414	50.0000	50
*	29 Naphthalene-d8	136	8.553	8.547	(1.000)	806165	20.0000	
	30 Naphthalene	128	8.584	8.578	(1.004)	2012064	50.0000	47
	31 4-Chloroaniline	127	8.759	8.753	(1.024)	864225	50.0000	48
	32 Hexachlorobutadiene	225	8.913	8.906	(1.042)	391428	50.0000	50
	33 4-Chloro-3-Methylphenol	107	9.672	9.666	(1.131)	610215	50.0000	54
	34 2-Methylnaphthalene	142	9.754	9.738	(1.140)	1170777	50.0000	46
	35 Hexachlorocyclopentadiene	237	10.144	10.138	(0.880)	242239	50.0000	62
	36 2,4,6-Trichlorophenol	196	10.329	10.313	(0.896)	423538	50.0000	49
	37 2,4,5-Trichlorophenol	196	10.401	10.395	(0.902)	901896	100.000	94(A)
$	38 2-Fluorobiphenyl	172	10.431	10.425	(0.905)	1313998	50.0000	46
	39 2-Chloronaphthalene	162	10.565	10.549	(0.916)	1146700	50.0000	45
	40 2-Nitroaniline	65	10.852	10.836	(0.941)	818347	100.000	95(A)
	42 Acenaphthylene	152	11.263	11.257	(0.977)	1843198	50.0000	47
	41 Dimethylphthalate	163	11.232	11.216	(0.974)	1383617	50.0000	47
	43 2,6-Dinitrotoluene	165	11.335	11.318	(0.983)	345761	50.0000	50
*	44 Acenaphthene-d10	164	11.530	11.524	(1.000)	416440	20.0000	
	45 Acenaphthene	153	11.581	11.575	(1.004)	1002936	50.0000	46
	46 3-Nitroaniline	138	11.571	11.554	(1.004)	735855	100.000	95(A)
	47 2,4-Dinitrophenol	184	11.745	11.739	(1.019)	419954	100.000	110(A)
	48 Dibenzofuran	168	11.858	11.852	(1.028)	1646407	50.0000	47
	49 4-Nitrophenol	109	11.991	11.975	(1.040)	361945	100.000	100(A)
	50 2,4-Dinitrotoluene	165	12.002	11.985	(1.041)	422637	50.0000	48
	51 Fluorene	166	12.443	12.437	(1.079)	1213491	50.0000	45
	52 Diethylphthalate	149	12.443	12.437	(1.079)	1151548	50.0000	45
	53 4-Chlorophenyl-phenylether	204	12.484	12.478	(1.083)	612749	50.0000	47
	54 4-Nitroaniline	138	12.638	12.622	(1.096)	810743	100.000	97(A)
	55 4,6-Dinitro-2-methylphenol	198	12.700	12.694	(0.907)	571943	100.000	98(A)
	56 N-nitrosodiphenylamine	169	12.720	12.704	(0.908)	782768	50.0000	45
$	57 2,4,6-Tribromophenol	330	12.905	12.899	(0.922)	426037	100.000	94(A)
	58 4-Bromophenyl-phenylether	248	13.295	13.289	(0.949)	354842	50.0000	47
	59 Hexachlorobenzene	284	13.521	13.515	(0.966)	437866	50.0000	48
	60 Pentachlorophenol	266	13.859	13.853	(0.990)	398732	100.000	100(A)
*	61 Phenanthrene-d10	188	14.003	13.997	(1.000)	574697	20.0000	
	62 Phenanthrene	178	14.044	14.038	(1.003)	1685016	50.0000	46
	63 Anthracene	178	14.116	14.110	(1.008)	1649426	50.0000	46
	65 Di-n-butylphthalate	149	15.081	15.075	(1.077)	2104633	50.0000	46
	66 Fluoranthene	202	15.809	15.803	(1.129)	1767437	50.0000	47
	67 Pyrene	202	16.107	16.101	(0.910)	1855262	50.0000	47
$	68 Terphenyl-d14	244	16.374	16.368	(0.925)	1211419	50.0000	48
	69 Butylbenzylphthalate	149	17.082	17.076	(0.965)	956698	50.0000	47
	70 Benzo(a)anthracene	228	17.687	17.681	(0.999)	1639905	50.0000	46
*	71 Chrysene-d12	240	17.708	17.702	(1.000)	473114	20.0000	

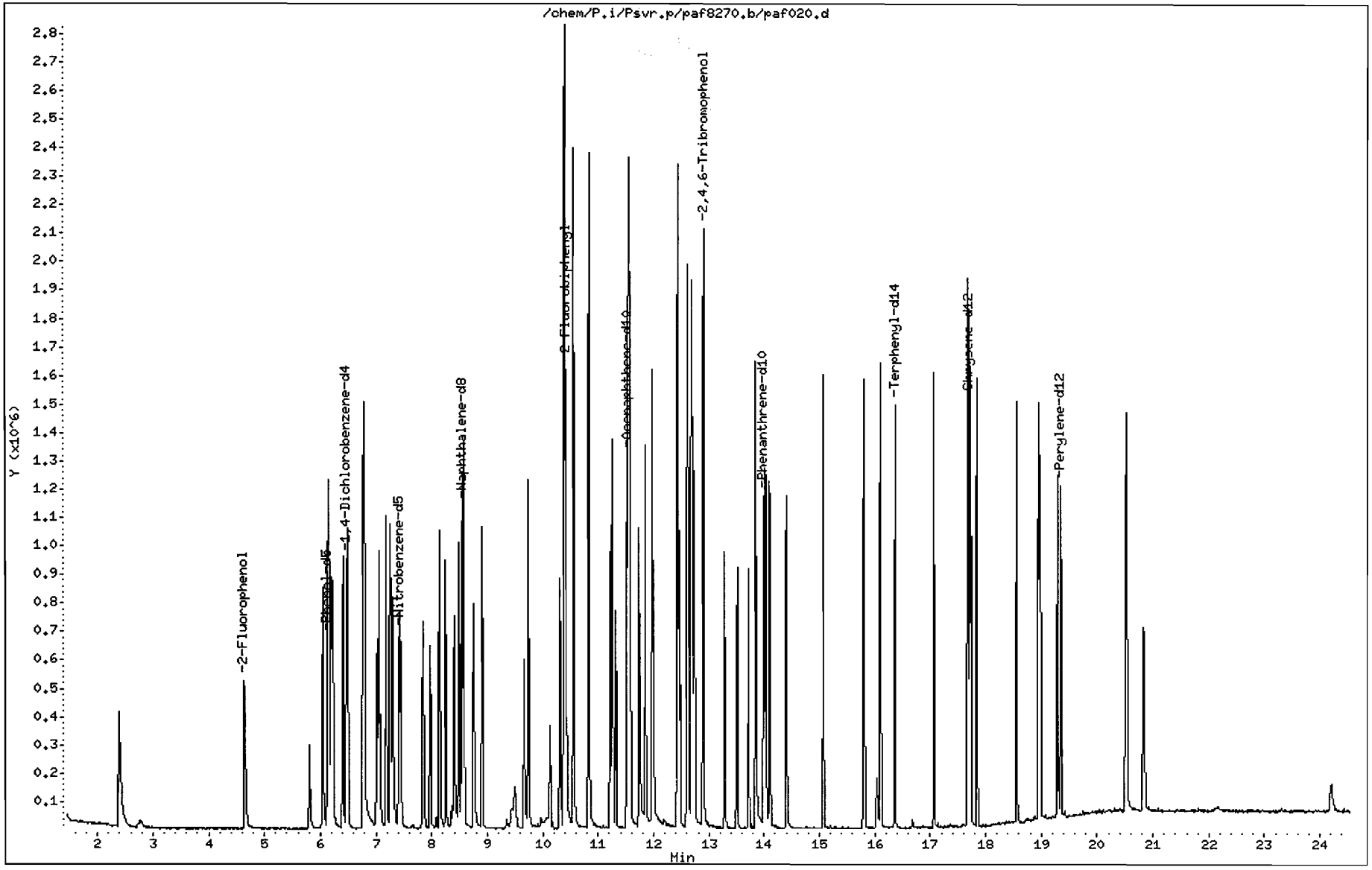
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
72	3,3'-Dichlorobenzidine	252	17.698	17.692	(0.999)	566472	50.0000	48
73	Chrysene	228	17.739	17.733	(1.002)	1518256	50.0000	46
74	bis(2-Ethylhexyl)phthalate	149	17.852	17.846	(1.008)	1085474	50.0000	44
75	Di-n-octylphthalate	149	18.570	18.554	(0.959)	2040740	50.0000	48
76	Benzo(b)fluoranthene	252	18.970	18.954	(0.980)	1840977	50.0000	49
77	Benzo(k)fluoranthene	252	19.001	18.985	(0.981)	1801612	50.0000	48
78	Benzo(a)pyrene	252	19.309	19.303	(0.997)	1496641	50.0000	49
* 79	Perylene-d12	264	19.360	19.354	(1.000)	450518	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	20.541	20.524	(1.061)	1146637	50.0000	46
81	Dibenz(a,h)anthracene	278	20.541	20.524	(1.061)	978902	50.0000	46
82	Benzo(g,h,i)perylene	276	20.848	20.842	(1.077)	853507	50.0000	44

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/P.i/Psvr.p/paf8270.b/paf020.d
Date : 30-SEP-2006 10:39
Client ID: SSTD020
Sample Info:
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: djb
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/paf8270.b/paf020.d
Lab Smp Id: SSTD020 Client Smp ID: SSTD020
Inj Date : 30-SEP-2006 10:39
Operator : djb Inst ID: P.i
Smp Info :
Misc Info : SSTD020
Comment :
Method : /chem/P.i/Psvr.p/paf8270.b/colc02.m
Meth Date : 02-Oct-2006 11:01 je Quant Type: ISTD
Cal Date : 30-SEP-2006 10:39 Cal File: paf020.d
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

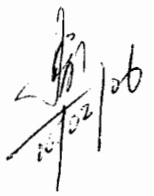
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	2 2-Fluorophenol	112	4.637	4.637	(0.716)	354385	20.0000	21
$	4 Phenol-d5	99	6.125	6.125	(0.946)	432832	20.0000	21
	5 Phenol	94	6.146	6.146	(0.949)	448326	20.0000	22
	6 bis(2-Chloroethyl)Ether	93	6.156	6.156	(0.951)	354377	20.0000	21
	8 2-Chlorophenol	128	6.228	6.228	(0.962)	362512	20.0000	21
*	10 1,4-Dichlorobenzene-d4	152	6.474	6.474	(1.000)	226845	20.0000	
	15 2,2'-oxybis(1-Chloropropane)	45	7.028	7.028	(1.086)	378169	20.0000	21
	16 2-Methylphenol	108	7.059	7.059	(1.090)	326285	20.0000	21
	17 Hexachloroethane	117	7.264	7.264	(1.122)	158079	20.0000	21
	18 N-Nitroso-di-n-propylamine	70	7.254	7.254	(1.120)	244039	20.0000	22
	19 4-Methylphenol	108	7.305	7.305	(1.128)	333561	20.0000	21
$	20 Nitrobenzene-d5	82	7.408	7.408	(0.867)	358135	20.0000	22
	21 Nitrobenzene	77	7.439	7.439	(0.870)	344012	20.0000	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	22 Isophorone	82	7.839	7.839	(0.917)	609734	20.0000	21
	23 2-Nitrophenol	139	7.973	7.973	(0.933)	197374	20.0000	22
	24 2,4-Dimethylphenol	107	8.137	8.137	(0.952)	341583	20.0000	21
	25 bis(2-Chloroethoxy)methane	93	8.250	8.250	(0.965)	401518	20.0000	21
	26 2,4-Dichlorophenol	162	8.404	8.404	(0.983)	300623	20.0000	22
*	29 Naphthalene-d8	136	8.547	8.547	(1.000)	817297	20.0000	
	30 Naphthalene	128	8.578	8.578	(1.004)	943329	20.0000	22
	31 4-Chloroaniline	127	8.753	8.753	(1.024)	407280	20.0000	23
	32 Hexachlorobutadiene	225	8.906	8.906	(1.042)	168940	20.0000	21
	33 4-Chloro-3-Methylphenol	107	9.666	9.666	(1.131)	230120	20.0000	20
	34 2-Methylnaphthalene	142	9.738	9.738	(1.139)	529814	20.0000	21
	35 Hexachlorocyclopentadiene	237	10.138	10.138	(0.880)	69266	20.0000	17
	36 2,4,6-Trichlorophenol	196	10.313	10.313	(0.895)	184544	20.0000	21
	37 2,4,5-Trichlorophenol	196	10.395	10.395	(0.902)	795798	80.0000	82(A)
$	38 2-Fluorobiphenyl	172	10.425	10.425	(0.905)	599938	20.0000	21
	39 2-Chloronaphthalene	162	10.549	10.549	(0.915)	559335	20.0000	21
	40 2-Nitroaniline	65	10.836	10.836	(0.940)	719117	80.0000	82(A)
	42 Acenaphthylene	152	11.257	11.257	(0.977)	851925	20.0000	21
	41 Dimethylphthalate	163	11.216	11.216	(0.973)	620842	20.0000	21
	43 2,6-Dinitrotoluene	165	11.318	11.318	(0.982)	145535	20.0000	21
*	44 Acenaphthene-d10	164	11.524	11.524	(1.000)	424260	20.0000	
	45 Acenaphthene	153	11.575	11.575	(1.004)	466581	20.0000	21
	46 3-Nitroaniline	138	11.554	11.554	(1.003)	648170	80.0000	82(A)
	47 2,4-Dinitrophenol	184	11.739	11.739	(1.019)	314481	80.0000	81(A)
	48 Dibenzofuran	168	11.852	11.852	(1.028)	752418	20.0000	21
	49 4-Nitrophenol	109	11.975	11.975	(1.039)	295019	80.0000	80
	50 2,4-Dinitrotoluene	165	11.985	11.985	(1.040)	191686	20.0000	21
	51 Fluorene	166	12.437	12.437	(1.079)	587246	20.0000	21
	52 Diethylphthalate	149	12.437	12.437	(1.079)	545378	20.0000	21
	53 4-Chlorophenyl-phenylether	204	12.478	12.478	(1.083)	281569	20.0000	21
	54 4-Nitroaniline	138	12.622	12.622	(1.095)	688249	80.0000	80(A)
	55 4,6-Dinitro-2-methylphenol	198	12.694	12.694	(0.907)	483005	80.0000	83(A)
	56 N-nitrosodiphenylamine	169	12.704	12.704	(0.908)	376348	20.0000	22
$	57 2,4,6-Tribromophenol	330	12.899	12.899	(0.922)	367087	80.0000	81(A)
	58 4-Bromophenyl-phenylether	248	13.289	13.289	(0.949)	162123	20.0000	21
	59 Hexachlorobenzene	284	13.515	13.515	(0.966)	192073	20.0000	21
	60 Pentachlorophenol	266	13.853	13.853	(0.990)	324498	80.0000	81(A)
*	61 Phenanthrene-d10	188	13.997	13.997	(1.000)	575874	20.0000	
	62 Phenanthrene	178	14.038	14.038	(1.003)	788961	20.0000	21
	63 Anthracene	178	14.110	14.110	(1.008)	759240	20.0000	21
	65 Di-n-butylphthalate	149	15.075	15.075	(1.077)	977194	20.0000	21
	66 Fluoranthene	202	15.803	15.803	(1.129)	794574	20.0000	21
	67 Pyrene	202	16.101	16.101	(0.910)	828035	20.0000	21
$	68 Terphenyl-d14	244	16.368	16.368	(0.925)	536168	20.0000	21
	69 Butylbenzylphthalate	149	17.076	17.076	(0.965)	440906	20.0000	21
	70 Benzo(a)anthracene	228	17.681	17.681	(0.999)	746086	20.0000	21
*	71 Chrysene-d12	240	17.702	17.702	(1.000)	471853	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
72	3,3'-Dichlorobenzidine	252	17.692	17.692	(0.999)	244613	20.0000	21
73	Chrysene	228	17.733	17.733	(1.002)	682058	20.0000	21
74	bis(2-Ethylhexyl)phthalate	149	17.846	17.846	(1.008)	528327	20.0000	21
75	Di-n-octylphthalate	149	18.554	18.554	(0.959)	946279	20.0000	21
76	Benzo(b)fluoranthene	252	18.954	18.954	(0.979)	738098	20.0000	18
77	Benzo(k)fluoranthene	252	18.985	18.985	(0.981)	945726	20.0000	23
78	Benzo(a)pyrene	252	19.303	19.303	(0.997)	699890	20.0000	21
* 79	Perylene-d12	264	19.354	19.354	(1.000)	491680	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	20.524	20.524	(1.060)	584015	20.0000	21
81	Dibenz(a,h)anthracene	278	20.524	20.524	(1.060)	493352	20.0000	21
82	Benzo(g,h,i)perylene	276	20.842	20.842	(1.077)	454079	20.0000	21

QC Flag Legend

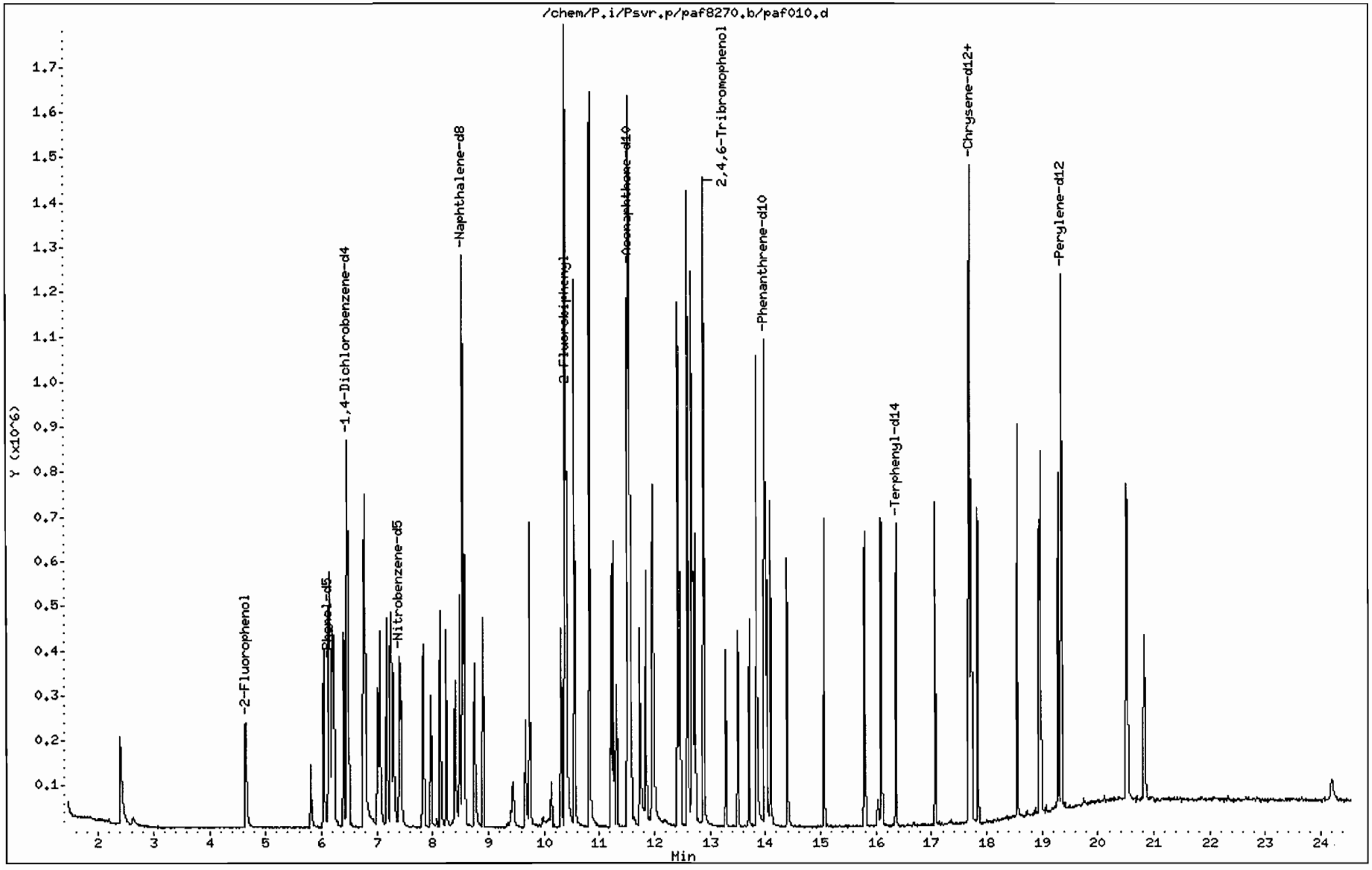
A - Target compound detected but, quantitated amount exceeded maximum amount.



Data File: /chem/P.i/Psvr.p/paf8270.b/paf010.d
Date : 30-SEP-2006 11:13
Client ID: SSTD010
Sample Info:
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i

Operator: djb
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/paf8270.b/paf010.d
Lab Smp Id: SSTD010 Client Smp ID: SSTD010
Inj Date : 30-SEP-2006 11:13
Operator : djb Inst ID: P.i
Smp Info :
Misc Info : SSTD010
Comment :
Method : /chem/P.i/Psvr.p/paf8270.b/colc02.m
Meth Date : 02-Oct-2006 11:02 je Quant Type: ISTD
Cal Date : 30-SEP-2006 10:39 Cal File: paf020.d
Als bottle: 7 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

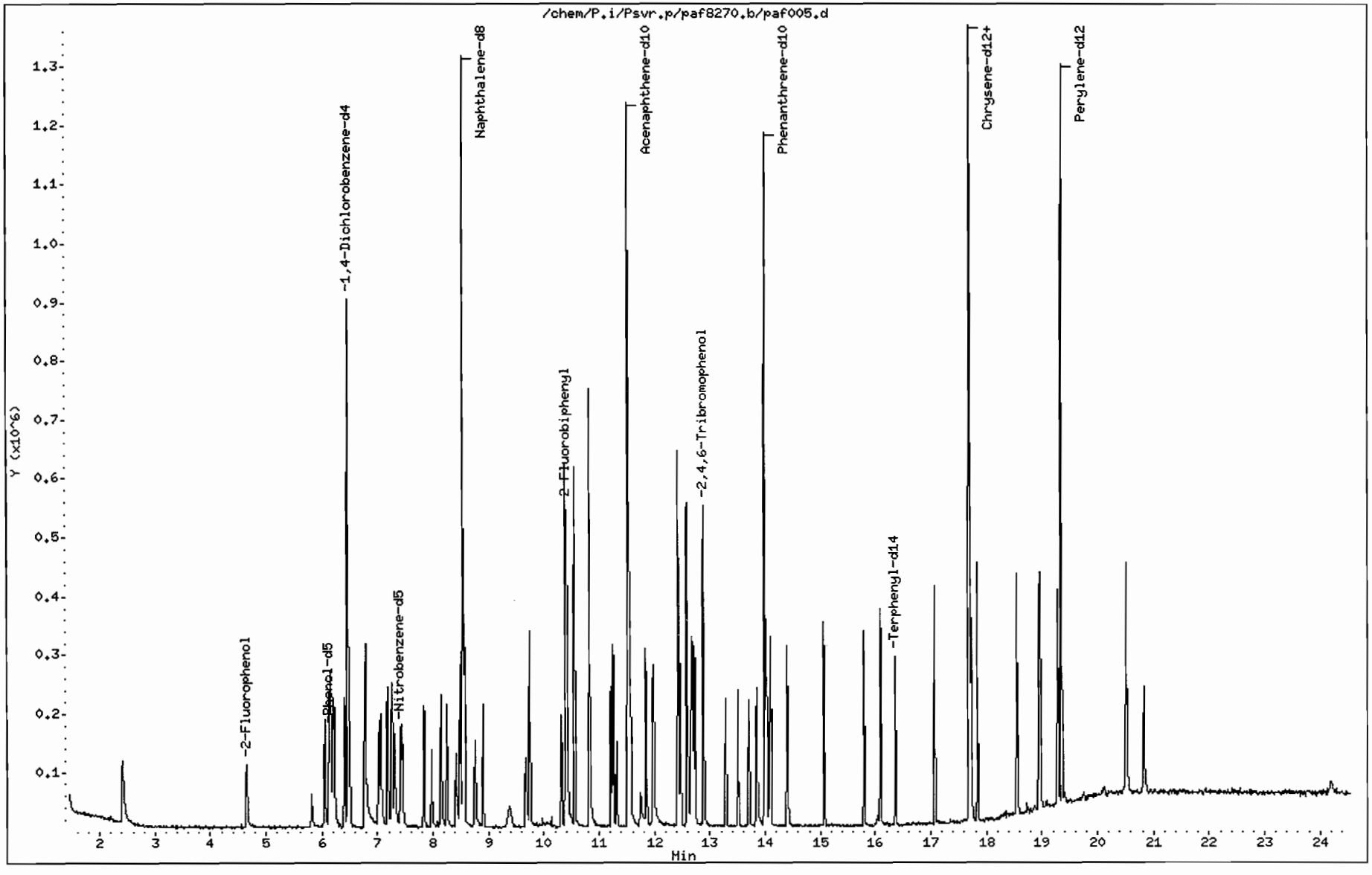
		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	2	2-Fluorophenol	112	4.647	4.637	(0.719)	164917	10.0000	10
$	4	Phenol-d5	99	6.125	6.125	(0.948)	209301	10.0000	11
	5	Phenol	94	6.146	6.146	(0.951)	214461	10.0000	11
	6	bis(2-Chloroethyl)Ether	93	6.156	6.156	(0.952)	168397	10.0000	10
	8	2-Chlorophenol	128	6.217	6.228	(0.962)	176544	10.0000	11
*	10	1,4-Dichlorobenzene-d4	152	6.464	6.474	(1.000)	221881	20.0000	
	15	2,2'-oxybis(1-Chloropropane)	45	7.018	7.028	(1.086)	185899	10.0000	11
	16	2-Methylphenol	108	7.059	7.059	(1.092)	154286	10.0000	10
	17	Hexachloroethane	117	7.264	7.264	(1.124)	78440	10.0000	11
	18	N-Nitroso-di-n-propylamine	70	7.244	7.254	(1.121)	121775	10.0000	11
	19	4-Methylphenol	108	7.305	7.305	(1.130)	168237	10.0000	11
$	20	Nitrobenzene-d5	82	7.408	7.408	(0.868)	173987	10.0000	10
	21	Nitrobenzene	77	7.439	7.439	(0.871)	175157	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	22 Isophorone	82	7.839	7.839	(0.918)	315290	10.0000	10
	23 2-Nitrophenol	139	7.972	7.973	(0.934)	93787	10.0000	10
	24 2,4-Dimethylphenol	107	8.137	8.137	(0.953)	164750	10.0000	10
	25 bis(2-Chloroethoxy)methane	93	8.249	8.250	(0.966)	212696	10.0000	11
	26 2,4-Dichlorophenol	162	8.403	8.404	(0.984)	147473	10.0000	10
*	29 Naphthalene-d8	136	8.537	8.547	(1.000)	845208	20.0000	
	30 Naphthalene	128	8.568	8.578	(1.004)	464116	10.0000	10
	31 4-Chloroaniline	127	8.752	8.753	(1.025)	193979	10.0000	10
	32 Hexachlorobutadiene	225	8.906	8.906	(1.043)	81322	10.0000	10
	33 4-Chloro-3-Methylphenol	107	9.666	9.666	(1.132)	110547	10.0000	9
	34 2-Methylnaphthalene	142	9.738	9.738	(1.141)	294083	10.0000	11
	35 Hexachlorocyclopentadiene	237	10.138	10.138	(0.880)	18187	10.0000	5
	36 2,4,6-Trichlorophenol	196	10.312	10.313	(0.895)	90686	10.0000	10
	37 2,4,5-Trichlorophenol	196	10.384	10.395	(0.901)	530965	50.0000	55
$	38 2-Fluorobiphenyl	172	10.415	10.425	(0.904)	308734	10.0000	11
	39 2-Chloronaphthalene	162	10.548	10.549	(0.915)	284609	10.0000	11
	40 2-Nitroaniline	65	10.836	10.836	(0.940)	473945	50.0000	54
	42 Acenaphthylene	152	11.257	11.257	(0.977)	437721	10.0000	11
	41 Dimethylphthalate	163	11.216	11.216	(0.973)	316180	10.0000	11
	43 2,6-Dinitrotoluene	165	11.318	11.318	(0.982)	73499	10.0000	11
*	44 Acenaphthene-d10	164	11.523	11.524	(1.000)	423350	20.0000	
	45 Acenaphthene	153	11.575	11.575	(1.004)	242891	10.0000	11
	46 3-Nitroaniline	138	11.544	11.554	(1.002)	445217	50.0000	57
	47 2,4-Dinitrophenol	184	11.739	11.739	(1.019)	149998	50.0000	39
	48 Dibenzofuran	168	11.852	11.852	(1.028)	385766	10.0000	11
	49 4-Nitrophenol	109	11.965	11.975	(1.038)	179033	50.0000	49
	50 2,4-Dinitrotoluene	165	11.985	11.985	(1.040)	92475	10.0000	10
	51 Fluorene	166	12.427	12.437	(1.078)	303052	10.0000	11
	52 Diethylphthalate	149	12.427	12.437	(1.078)	278461	10.0000	11
	53 4-Chlorophenyl-phenylether	204	12.468	12.478	(1.082)	139877	10.0000	11
	54 4-Nitroaniline	138	12.601	12.622	(1.094)	447804	50.0000	52
	55 4,6-Dinitro-2-methylphenol	198	12.673	12.694	(0.905)	291852	50.0000	50
	56 N-nitrosodiphenylamine	169	12.704	12.704	(0.908)	190127	10.0000	11
$	57 2,4,6-Tribromophenol	330	12.888	12.899	(0.921)	235885	50.0000	51
	58 4-Bromophenyl-phenylether	248	13.289	13.289	(0.949)	79371	10.0000	10
	59 Hexachlorobenzene	284	13.504	13.515	(0.965)	93996	10.0000	10
	60 Pentachlorophenol	266	13.843	13.853	(0.989)	185521	50.0000	46
*	61 Phenanthrene-d10	188	13.997	13.997	(1.000)	582731	20.0000	
	62 Phenanthrene	178	14.028	14.038	(1.002)	394329	10.0000	11
	63 Anthracene	178	14.099	14.110	(1.007)	389837	10.0000	11
	65 Di-n-butylphthalate	149	15.074	15.075	(1.077)	490385	10.0000	11
	66 Fluoranthene	202	15.803	15.803	(1.129)	393687	10.0000	10
	67 Pyrene	202	16.101	16.101	(0.910)	427324	10.0000	10
$	68 Terphenyl-d14	244	16.368	16.368	(0.925)	274129	10.0000	10
	69 Butylbenzylphthalate	149	17.065	17.076	(0.964)	225344	10.0000	10
	70 Benzo(a)anthracene	228	17.671	17.681	(0.998)	386002	10.0000	10
*	71 Chrysene-d12	240	17.702	17.702	(1.000)	500848	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
72	3,3'-Dichlorobenzidine	252	17.692	17.692	(0.999)	133209	10.0000	11
73	Chrysene	228	17.722	17.733	(1.001)	358269	10.0000	10
74	bis(2-Ethylhexyl)phthalate	149	17.845	17.846	(1.008)	283906	10.0000	11
75	Di-n-octylphthalate	149	18.554	18.554	(0.959)	485627	10.0000	10
76	Benzo(b)fluoranthene	252	18.954	18.954	(0.979)	435746	10.0000	10
77	Benzo(k)fluoranthene	252	18.974	18.985	(0.980)	392966	10.0000	9
78	Benzo(a)pyrene	252	19.293	19.303	(0.997)	353139	10.0000	10
* 79	Perylene-d12	264	19.354	19.354	(1.000)	520718	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	20.514	20.524	(1.060)	307682	10.0000	11
81	Dibenz(a,h)anthracene	278	20.524	20.524	(1.060)	257352	10.0000	10
82	Benzo(g,h,i)perylene	276	20.832	20.842	(1.076)	246048	10.0000	11

Data File: /chem/P.i/Psvr.p/paf8270.b/paf005.d
Date : 30-SEP-2006 11:47
Client ID: SSTD005
Sample Info:
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: djb
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/paf8270.b/paf005.d
Lab Smp Id: SSTD005 Client Smp ID: SSTD005
Inj Date : 30-SEP-2006 11:47
Operator : djb Inst ID: P.i
Smp Info :
Misc Info : SSTD005
Comment :
Method : /chem/P.i/Psvr.p/paf8270.b/colc02.m
Meth Date : 02-Oct-2006 11:02 je Quant Type: ISTD
Cal Date : 30-SEP-2006 10:39 Cal File: paf020.d
Als bottle: 8 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
$	2 2-Fluorophenol	112	4.648	4.637	(0.719)	76889	5.00000	5
$	4 Phenol-d5	99	6.125	6.125	(0.948)	101357	5.00000	5
	5 Phenol	94	6.146	6.146	(0.951)	104644	5.00000	5
	6 bis(2-Chloroethyl)Ether	93	6.156	6.156	(0.952)	90881	5.00000	6
	8 2-Chlorophenol	128	6.218	6.228	(0.962)	85961	5.00000	5
*	10 1,4-Dichlorobenzene-d4	152	6.464	6.474	(1.000)	223128	20.0000	
	15 2,2'-oxybis(1-Chloropropane)	45	7.018	7.028	(1.086)	95396	5.00000	5
	16 2-Methylphenol	108	7.059	7.059	(1.092)	83185	5.00000	5
	17 Hexachloroethane	117	7.265	7.264	(1.124)	37203	5.00000	5
	18 N-Nitroso-di-n-propylamine	70	7.244	7.254	(1.121)	58542	5.00000	5
	19 4-Methylphenol	108	7.306	7.305	(1.130)	83778	5.00000	5
$	20 Nitrobenzene-d5	82	7.408	7.408	(0.868)	82850	5.00000	5
	21 Nitrobenzene	77	7.439	7.439	(0.871)	84138	5.00000	5

		QUANT SIG					AMOUNTS CAL-AMT	AMOUNTS ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	22 Isophorone	82	7.829	7.839	(0.917)	157448	5.00000	5
	23 2-Nitrophenol	139	7.973	7.973	(0.934)	43035	5.00000	4(a)
	24 2,4-Dimethylphenol	107	8.137	8.137	(0.953)	78483	5.00000	5
	25 bis(2-Chloroethoxy)methane	93	8.250	8.250	(0.966)	103007	5.00000	5
	26 2,4-Dichlorophenol	162	8.414	8.404	(0.986)	69505	5.00000	5
*	29 Naphthalene-d8	136	8.537	8.547	(1.000)	856371	20.0000	
	30 Naphthalene	128	8.568	8.578	(1.004)	241570	5.00000	5
	31 4-Chloroaniline	127	8.753	8.753	(1.025)	90059	5.00000	5
	32 Hexachlorobutadiene	225	8.907	8.906	(1.043)	40704	5.00000	5
	33 4-Chloro-3-Methylphenol	107	9.666	9.666	(1.132)	53764	5.00000	4(a)
	34 2-Methylnaphthalene	142	9.738	9.738	(1.141)	140570	5.00000	5
	35 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	36 2,4,6-Trichlorophenol	196	10.313	10.313	(0.896)	41454	5.00000	5
	37 2,4,5-Trichlorophenol	196	10.395	10.395	(0.903)	206170	20.0000	21
$	38 2-Fluorobiphenyl	172	10.415	10.425	(0.905)	158210	5.00000	5
	39 2-Chloronaphthalene	162	10.549	10.549	(0.916)	147101	5.00000	5
	40 2-Nitroaniline	65	10.826	10.836	(0.940)	191800	20.0000	21
	42 Acenaphthylene	152	11.247	11.257	(0.977)	211239	5.00000	5
	41 Dimethylphthalate	163	11.216	11.216	(0.974)	158809	5.00000	5
	43 2,6-Dinitrotoluene	165	11.319	11.318	(0.983)	32763	5.00000	5
*	44 Acenaphthene-d10	164	11.514	11.524	(1.000)	437222	20.0000	
	45 Acenaphthene	153	11.565	11.575	(1.004)	123298	5.00000	5
	46 3-Nitroaniline	138	11.544	11.554	(1.003)	179752	20.0000	22
	47 2,4-Dinitrophenol	184	11.739	11.739	(1.020)	29827	20.0000	7(a)
	48 Dibenzofuran	168	11.842	11.852	(1.029)	191443	5.00000	5
	49 4-Nitrophenol	109	11.965	11.975	(1.039)	60438	20.0000	16(a)
	50 2,4-Dinitrotoluene	165	11.986	11.985	(1.041)	43871	5.00000	5
	51 Fluorene	166	12.427	12.437	(1.079)	150282	5.00000	5
	52 Diethylphthalate	149	12.427	12.437	(1.079)	143715	5.00000	5
	53 4-Chlorophenyl-phenylether	204	12.468	12.478	(1.083)	68914	5.00000	5
	54 4-Nitroaniline	138	12.591	12.622	(1.094)	182699	20.0000	21
	55 4,6-Dinitro-2-methylphenol	198	12.673	12.694	(0.906)	93384	20.0000	16(a)
	56 N-nitrosodiphenylamine	169	12.694	12.704	(0.908)	94017	5.00000	5
$	57 2,4,6-Tribromophenol	330	12.889	12.899	(0.921)	99371	20.0000	21
	58 4-Bromophenyl-phenylether	248	13.279	13.289	(0.949)	38616	5.00000	5
	59 Hexachlorobenzene	284	13.505	13.515	(0.966)	47188	5.00000	5
	60 Pentachlorophenol	266	13.843	13.853	(0.990)	59032	20.0000	14(a)
*	61 Phenanthrene-d10	188	13.987	13.997	(1.000)	587942	20.0000	
	62 Phenanthrene	178	14.028	14.038	(1.003)	203132	5.00000	5
	63 Anthracene	178	14.100	14.110	(1.008)	195989	5.00000	5
	65 Di-n-butylphthalate	149	15.065	15.075	(1.077)	248568	5.00000	5
	66 Fluoranthene	202	15.793	15.803	(1.129)	199599	5.00000	5
	67 Pyrene	202	16.091	16.101	(0.910)	214893	5.00000	5
$	68 Terphenyl-d14	244	16.368	16.368	(0.925)	134681	5.00000	5
	69 Butylbenzylphthalate	149	17.066	17.076	(0.965)	112920	5.00000	5
	70 Benzo(a)anthracene	228	17.671	17.681	(0.999)	197715	5.00000	5
*	71 Chrysene-d12	240	17.692	17.702	(1.000)	515781	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
72	3,3'-Dichlorobenzidine	252	17.692	17.692	(1.000)	66891	5.00000	5
73	Chrysene	228	17.723	17.733	(1.002)	190906	5.00000	5
74	bis(2-Ethylhexyl)phthalate	149	17.836	17.846	(1.008)	142587	5.00000	5
75	Di-n-octylphthalate	149	18.554	18.554	(0.959)	242324	5.00000	5
76	Benzo(b)fluoranthene	252	18.944	18.954	(0.979)	245912	5.00000	6
77	Benzo(k)fluoranthene	252	18.975	18.985	(0.980)	211074	5.00000	5
78	Benzo(a)pyrene	252	19.293	19.303	(0.997)	182064	5.00000	5
* 79	Perylene-d12	264	19.355	19.354	(1.000)	536908	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	20.514	20.524	(1.060)	155133	5.00000	5
81	Dibenz(a,h)anthracene	278	20.524	20.524	(1.060)	128138	5.00000	5
82	Benzo(g,h,i)perylene	276	20.822	20.842	(1.076)	129814	5.00000	6

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

10/02/06

STL Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 30-SEP-2006 09:32
End Cal Date : 30-SEP-2006 11:47
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/P.i/Psvr.p/paf8270.b/colc02.m
Cal Date : 02-Oct-2006 11:02 je
Curve Type : Average

Calibration File Names:
Level 1: /chem/P.i/Psvr.p/paf8270.b/paf005.d
Level 2: /chem/P.i/Psvr.p/paf8270.b/paf010.d
Level 3: /chem/P.i/Psvr.p/paf8270.b/paf020.d
Level 4: /chem/P.i/Psvr.p/paf8270.b/paf050.d
Level 5: /chem/P.i/Psvr.p/paf8270.b/paf080.d

	Compound	5.000 Level 1	10.000 Level 2	20.000 Level 3	50.000 Level 4	80.000 Level 5	RRF	% RSD	
5	Phenol	1.87595	1.93312	1.97635	1.71672	1.57612	1.81565	9.151	
6	bis(2-Chloroethyl)Ether	1.62922	1.51790	1.56220	1.35541	1.27447	1.46784	10.075	
8	2-Chlorophenol	1.54102	1.59134	1.59806	1.41819	1.39068	1.50786	6.462	
15	2,2'-oxybis(1-Chloropropane)	1.71016	1.67566	1.66708	1.45537	1.37279	1.57621	9.625	
16	2-Methylphenol	1.49125	1.39071	1.43836	1.28802	1.26813	1.37529	6.971	
17	Hexachloroethane	0.66694	0.70705	0.69686	0.59554	0.58424	0.65012	8.778	
18	N-Nitroso-di-n-propylamine	1.04948	1.09766	1.07580	0.87856	0.85678	0.99165	11.569	
19	4-Methylphenol	1.50188	1.51646	1.47044	1.29903	1.25913	1.40939	8.581	
21	Nitrobenzene	0.39300	0.41447	0.42091	0.38271	0.37839	0.39790	4.768	
22	Isophorone	0.73542	0.74606	0.74604	0.69489	0.69603	0.72369	3.611	
23	2-Nitrophenol	0.20101	0.22193	0.24150	0.23075	0.22170	0.22338	6.670	
24	2,4-Dimethylphenol	0.36658	0.38984	0.41794	0.39244	0.38150	0.38966	4.813	
25	bis(2-Chloroethoxy)methane	0.48113	0.50330	0.49128	0.44677	0.43478	0.47145	6.234	
26	2,4-Dichlorophenol	0.32465	0.34896	0.36783	0.33761	0.31971	0.33975	5.714	
30	Naphthalene	1.12834	1.09823	1.15421	0.99834	0.94920	1.06566	8.251	
31	4-Chloroaniline	0.42065	0.45901	0.49833	0.42881	0.40791	0.44294	8.179	
32	Hexachlorobutadiene	0.19012	0.19243	0.20671	0.19422	0.19608	0.19591	3.279	
33	4-Chloro-3-Methylphenol	0.25112	0.26159	0.28156	0.30277	0.31244	0.28190	9.265	
34	2-Methylnaphthalene	0.65658	0.69588	0.64825	0.58091	0.56946	0.63022	8.491	
35	Hexachlorocyclopentadiene	+++++	0.08592	0.16326	0.23268	0.27084	0.18817	43.272	<-
36	2,4,6-Trichlorophenol	0.37925	0.42842	0.43498	0.40682	0.40854	0.41160	5.307	
37	2,4,5-Trichlorophenol	+++++	0.50168	0.46893	0.43315	0.43398	0.45943	7.124	

STL Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 30-SEP-2006 09:32
End Cal Date : 30-SEP-2006 11:47
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/P.i/Psvr.p/paf8270.b/colc02.m
Cal Date : 02-Oct-2006 11:02 je
Curve Type : Average

Compound	5.000 Level 1	10.000 Level 2	20.000 Level 3	50.000 Level 4	80.000 Level 5	___ RRF	% RSD
39 2-Chloronaphthalene	1.34578	1.34456	1.31838	1.10143	1.03090	1.22821	12.246
40 2-Nitroaniline	+++++	0.44780	0.42375	0.39302	0.38473	0.41233	7.034
42 Acenaphthylene	1.93256	2.06789	2.00803	1.77043	1.69623	1.89503	8.306
41 Dimethylphthalate	1.45289	1.49370	1.46335	1.32900	1.30957	1.40970	5.971
43 2,6-Dinitrotoluene	0.29974	0.34723	0.34303	0.33211	0.33014	0.33045	5.633
45 Acenaphthene	1.12801	1.14747	1.09975	0.96334	0.92029	1.05177	9.787
46 3-Nitroaniline	+++++	0.42066	0.38194	0.35340	0.33175	0.37194	10.335
47 2,4-Dinitrophenol	+++++	0.14172	0.18531	0.20169	0.19962	0.18209	15.309
48 Dibenzofuran	1.75145	1.82244	1.77348	1.58141	1.50876	1.68751	8.000
49 4-Nitrophenol	+++++	0.16916	0.17384	0.17383	0.18006	0.17422	2.568
50 2,4-Dinitrotoluene	0.40136	0.43687	0.45181	0.40595	0.41631	0.42246	5.056
51 Fluorene	1.37488	1.43169	1.38417	1.16559	1.10665	1.29259	11.291
52 Diethylphthalate	1.31480	1.31551	1.28548	1.10609	1.07346	1.21907	9.779
53 4-Chlorophenyl-phenylether	0.63047	0.66081	0.66367	0.58856	0.56774	0.62225	6.901
54 4-Nitroaniline	+++++	0.42311	0.40556	0.38937	0.39439	0.40311	3.709
55 4,6-Dinitro-2-methylphenol	+++++	0.20033	0.20968	0.19904	0.20020	0.20231	2.445
56 N-nitrosodiphenylamine	0.63963	0.65254	0.65352	0.54482	0.52850	0.60380	10.237
58 4-Bromophenyl-phenylether	0.26272	0.27241	0.28153	0.24698	0.24972	0.26267	5.596
59 Hexachlorobenzene	0.32104	0.32261	0.33353	0.30476	0.31065	0.31852	3.509
60 Pentachlorophenol	+++++	0.12735	0.14087	0.13876	0.14763	0.13865	6.082
62 Phenanthrene	1.38199	1.35338	1.37002	1.17280	1.16032	1.28770	8.631
63 Anthracene	1.33339	1.33797	1.31841	1.14803	1.09669	1.24690	9.251
65 Di-n-butylphthalate	1.69111	1.68306	1.69689	1.46486	1.41737	1.59066	8.652
66 Fluoranthene	1.35795	1.35118	1.37977	1.23017	1.21305	1.30642	5.999
67 Pyrene	1.66654	1.70640	1.75486	1.56855	1.63530	1.66633	4.240
69 Butylbenzylphthalate	0.87572	0.89985	0.93441	0.80885	0.82885	0.86954	5.893
70 Benzo(a)anthracene	1.53333	1.54139	1.58118	1.38648	1.45801	1.50008	5.171
72 3,3'-Dichlorobenzidine	0.51876	0.53193	0.51841	0.47893	0.45079	0.49976	6.768
73 Chrysene	1.48052	1.43065	1.44549	1.28363	1.32259	1.39258	6.088

STL Burlington

INITIAL CALIBRATION DATA

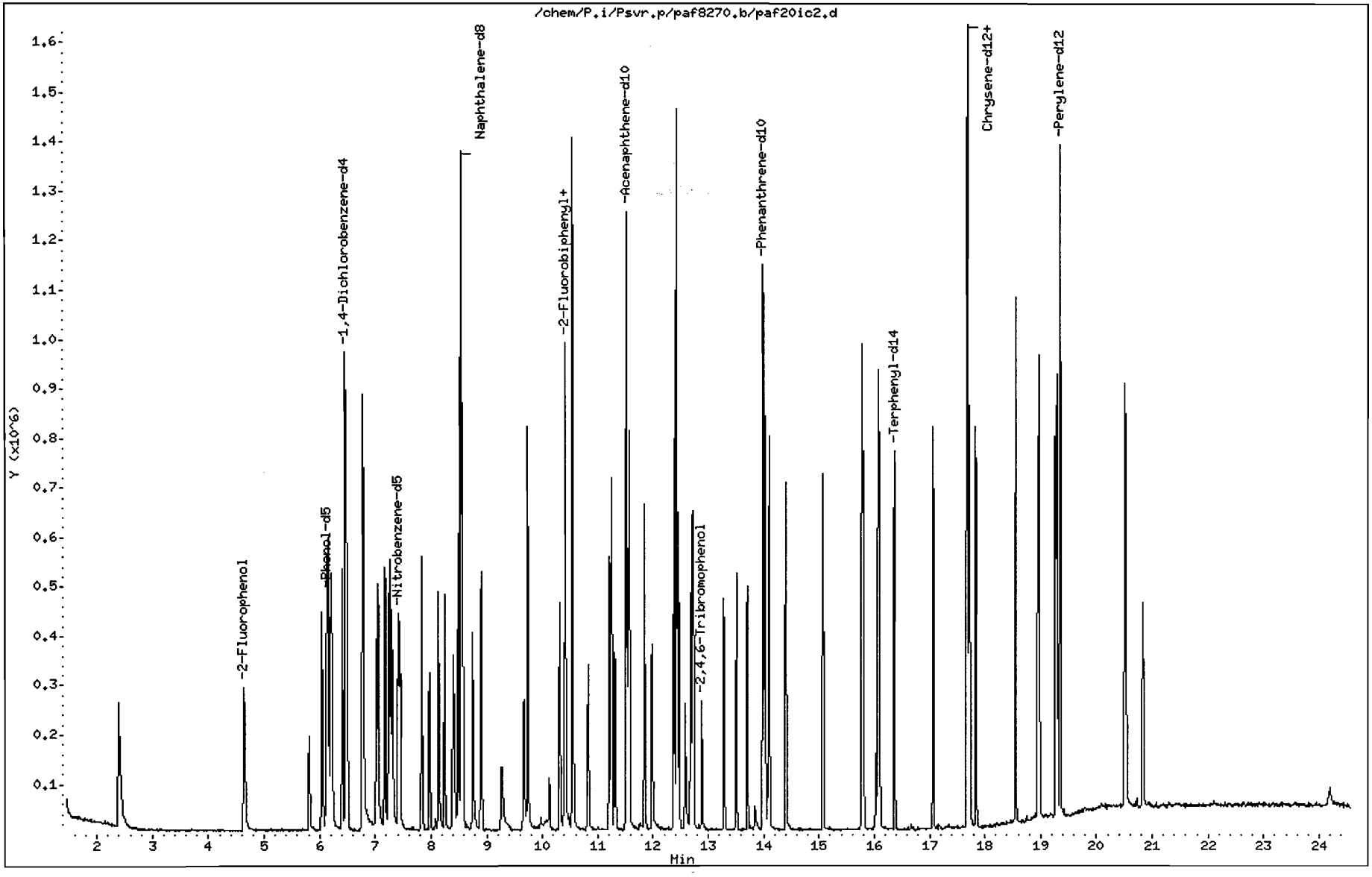
Start Cal Date : 30-SEP-2006 09:32
End Cal Date : 30-SEP-2006 11:47
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/P.i/Psvr.p/paf8270.b/colc02.m
Cal Date : 02-Oct-2006 11:02 je
Curve Type : Average

	Compound	5.000 Level 1	10.000 Level 2	20.000 Level 3	50.000 Level 4	80.000 Level 5	___ RRF	% RSD
	74 bis(2-Ethylhexyl)phthalate	1.10579	1.13370	1.11969	0.91773	0.95027	1.04543	9.838
	75 Di-n-octylphthalate	1.80533	1.86522	1.92458	1.81191	1.93504	1.86842	3.253
	76 Benzo(b)fluoranthene	1.83206	1.67364	1.50118	1.63454	1.64958	1.65820	7.120
	77 Benzo(k)fluoranthene	1.57252	1.50932	1.92346	1.59959	1.74490	1.66996	9.936
	78 Benzo(a)pyrene	1.35639	1.35635	1.42347	1.32882	1.38000	1.36901	2.588
	80 Indeno(1,2,3-cd)pyrene	1.15575	1.18176	1.18779	1.01806	1.02444	1.11356	7.647
	81 Dibenz(a,h)anthracene	0.95464	0.98845	1.00340	0.86913	0.89558	0.94224	6.177
	82 Benzo(g,h,i)perylene	0.96712	0.94503	0.92353	0.75780	0.75120	0.86894	12.155
$	2 2-Fluorophenol	1.37838	1.48654	1.56223	1.45852	1.52760	1.48266	4.748
$	4 Phenol-d5	1.81702	1.88661	1.90805	1.72554	1.63319	1.79408	6.395
$	20 Nitrobenzene-d5	0.38698	0.41170	0.43819	0.39625	0.40347	0.40732	4.791
$	38 2-Fluorobiphenyl	1.44741	1.45853	1.41408	1.26212	1.20580	1.35759	8.527
$	57 2,4,6-Tribromophenol	0.16901	0.16192	0.15936	0.14826	0.15294	0.15830	5.078
$	68 Terphenyl-d14	1.04448	1.09466	1.13630	1.02421	1.06505	1.07294	4.098

Data File: /chem/P.i/Psvr.p/paf8270.b/paf20ic2.d
Date : 30-SEP-2006 12:55
Client ID: SSTD020-ICV
Sample Info:
Volume Injected (uL): 2.0
Column phase: RTx-5

Instrument: P.i

Operator: djb
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/paf8270.b/paf20ic2.d
Lab Smp Id: SSTD020-ICV Client Smp ID: SSTD020-ICV
Inj Date : 30-SEP-2006 12:55
Operator : djb Inst ID: P.i
Smp Info :
Misc Info : SSTD020-ICV RESTEK SOURCE
Comment :
Method : /chem/P.i/Psvr.p/paf8270.b/colc02.m
Meth Date : 02-Oct-2006 11:02 je Quant Type: ISTD
Cal Date : 30-SEP-2006 10:39 Cal File: paf020.d
Als bottle: 10 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
$	2	2-Fluorophenol	112	4.636	4.637	(0.717)	189572	10.3715	10
$	4	Phenol-d5	99	6.124	6.125	(0.948)	241194	10.8041	11
	5	Phenol	94	6.135	6.146	(0.949)	248770	10.7583	11
	6	bis(2-Chloroethyl)Ether	93	6.155	6.156	(0.952)	197956	10.8304	11
	8	2-Chlorophenol	128	6.217	6.228	(0.962)	201278	10.7650	11
*	10	1,4-Dichlorobenzene-d4	152	6.463	6.474	(1.000)	234001	20.0000	
	15	2,2'-oxybis(1-Chloropropane)	45	7.017	7.028	(1.086)	222365	11.4005	11
	16	2-Methylphenol	108	7.048	7.059	(1.091)	176241	10.4725	10
	17	Hexachloroethane	117	7.264	7.264	(1.124)	88421	10.8448	11
	18	N-Nitroso-di-n-propylamine	70	7.243	7.254	(1.121)	137094	10.8918	11
	19	4-Methylphenol	108	7.294	7.305	(1.129)	179151	10.4132	10
$	20	Nitrobenzene-d5	82	7.407	7.408	(0.868)	201012	10.2999	10
	21	Nitrobenzene	77	7.438	7.439	(0.871)	198092	10.5670	11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	22 Isophorone	82	7.828	7.839	(0.917)	357770	10.7677	11
	23 2-Nitrophenol	139	7.972	7.973	(0.934)	103523	9.62510	10
	24 2,4-Dimethylphenol	107	8.136	8.137	(0.953)	174376	9.36804	9
	25 bis(2-Chloroethoxy)methane	93	8.249	8.250	(0.966)	241611	11.0426	11
	26 2,4-Dichlorophenol	162	8.403	8.404	(0.984)	160926	9.82341	10
*	29 Naphthalene-d8	136	8.536	8.547	(1.000)	890741	20.0000	
	30 Naphthalene	128	8.567	8.578	(1.004)	555517	10.8067	11
	31 4-Chloroaniline	127	8.752	8.753	(1.025)	216812	9.76897	10
	32 Hexachlorobutadiene	225	8.906	8.906	(1.043)	91780	9.96951	10
	33 4-Chloro-3-Methylphenol	107	9.665	9.666	(1.132)	134515	10.7269	11
	34 2-Methylnaphthalene	142	9.737	9.738	(1.141)	336073	11.6404	12
	35 Hexachlorocyclopentadiene	237	10.137	10.138	(0.881)	18368	4.91724	5(R)
	36 2,4,6-Trichlorophenol	196	10.312	10.313	(0.896)	98548	9.90211	10
	37 2,4,5-Trichlorophenol	196	10.404	10.395	(0.904)	91098	8.49075	8(a)
$	38 2-Fluorobiphenyl	172	10.414	10.425	(0.905)	358958	11.0947	11
	39 2-Chloronaphthalene	162	10.548	10.549	(0.916)	326286	10.8170	11
	40 2-Nitroaniline	65	10.825	10.836	(0.940)	94537	9.75084	10(a)
	42 Acenaphthylene	152	11.246	11.257	(0.977)	500507	10.8940	11
	41 Dimethylphthalate	163	11.215	11.216	(0.974)	366683	10.9519	11
	43 2,6-Dinitrotoluene	165	11.318	11.318	(0.983)	78955	10.0599	10
*	44 Acenaphthene-d10	164	11.513	11.524	(1.000)	457596	20.0000	
	45 Acenaphthene	153	11.564	11.575	(1.004)	280141	11.1334	11
	46 3-Nitroaniline	138	11.543	11.554	(1.003)	87907	10.0595	10(a)
	47 2,4-Dinitrophenol	184	11.769	11.739	(1.022)	10155	2.39511	2(aRM)
	48 Dibenzofuran	168	11.841	11.852	(1.029)	433939	10.6942	11
	49 4-Nitrophenol	109	11.974	11.975	(1.040)	25093	6.30874	6(aQR)
	50 2,4-Dinitrotoluene	165	11.985	11.985	(1.041)	104320	10.0915	10
	51 Fluorene	166	12.426	12.437	(1.079)	350190	11.0577	11
	52 Diethylphthalate	149	12.426	12.437	(1.079)	324069	11.0184	11
	53 4-Chlorophenyl-phenylether	204	12.467	12.478	(1.083)	157076	10.3444	10
	54 4-Nitroaniline	138	12.580	12.622	(1.093)	89766	9.67400	10(a)
	55 4,6-Dinitro-2-methylphenol	198	12.672	12.694	(0.906)	35766	5.41115	5(aR)
	56 N-nitrosodiphenylamine	169	12.693	12.704	(0.908)	210899	10.2375	10
$	57 2,4,6-Tribromophenol	330	12.888	12.899	(0.921)	45691	9.09563	9
	58 4-Bromophenyl-phenylether	248	13.288	13.289	(0.950)	85887	9.67818	10
	59 Hexachlorobenzene	284	13.504	13.515	(0.966)	108638	10.3330	10
	60 Pentachlorophenol	266	13.852	13.853	(0.990)	16263	3.66235	4(aR)
*	61 Phenanthrene-d10	188	13.986	13.997	(1.000)	630444	20.0000	
	62 Phenanthrene	178	14.027	14.038	(1.003)	446578	10.3408	10
	63 Anthracene	178	14.099	14.110	(1.008)	436187	10.4955	10
	65 Di-n-butylphthalate	149	15.074	15.075	(1.078)	546922	10.2248	10
	66 Fluoranthene	202	15.802	15.803	(1.130)	434498	9.98997	10
	67 Pyrene	202	16.100	16.101	(0.910)	451060	9.67346	10
$	68 Terphenyl-d14	244	16.367	16.368	(0.925)	300232	9.94380	10(Q)
	69 Butylbenzylphthalate	149	17.065	17.076	(0.965)	241458	9.72505	10
	70 Benzo(a)anthracene	228	17.670	17.681	(0.999)	439307	10.4562	10
*	71 Chrysene-d12	240	17.691	17.702	(1.000)	531423	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
72	3,3'-Dichlorobenzidine	252	17.691	17.692	(1.000)	174627	12.6773	13
73	Chrysene	228	17.722	17.733	(1.002)	404244	10.5249	11
74	bis(2-Ethylhexyl)phthalate	149	17.845	17.846	(1.009)	309909	10.4166	10
75	Di-n-octylphthalate	149	18.553	18.554	(0.959)	569191	10.9005	11
76	Benzo(b)fluoranthene	252	18.953	18.954	(0.979)	503584	12.3642	12
77	Benzo(k)fluoranthene	252	18.974	18.985	(0.980)	450996	8.64202	9
78	Benzo(a)pyrene	252	19.292	19.303	(0.997)	389371	10.0819	10
* 79	Perylene-d12	264	19.353	19.354	(1.000)	542631	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	20.513	20.524	(1.060)	363516	11.2800	11
81	Dibenz(a,h)anthracene	278	20.523	20.524	(1.060)	306300	11.2512	11
82	Benzo(g,h,i)perylene	276	20.831	20.842	(1.076)	286726	11.4431	11

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

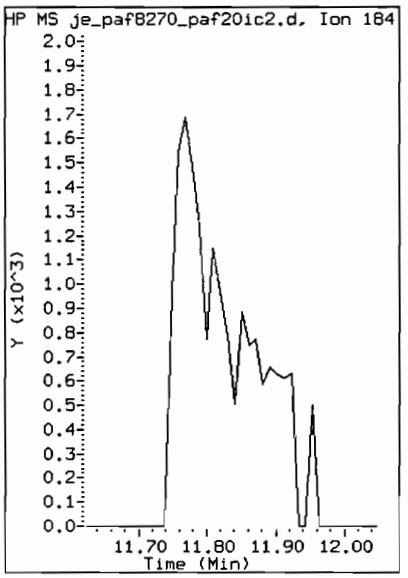
10/02/06

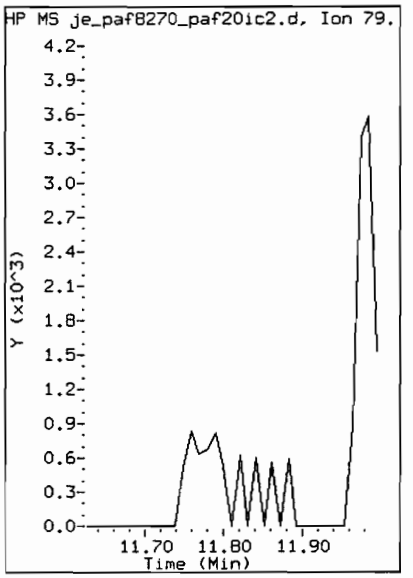
MANUAL INTEGRATION REPORT

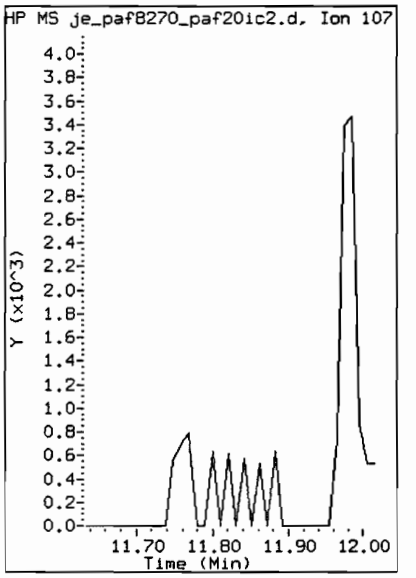
Data File Name: paf20ic2.d
Client Sample ID: SSTD020-ICV
Compound Name: 2,4-Dinitrophenol

Inj. Date and Time: 30-SEP-2006 12:55
Instrument ID: P.i
CAS #: 51-28-5

Target Version: Target 3.50
Report Version: 1.1
Report Date: 10/02/2006 11:05

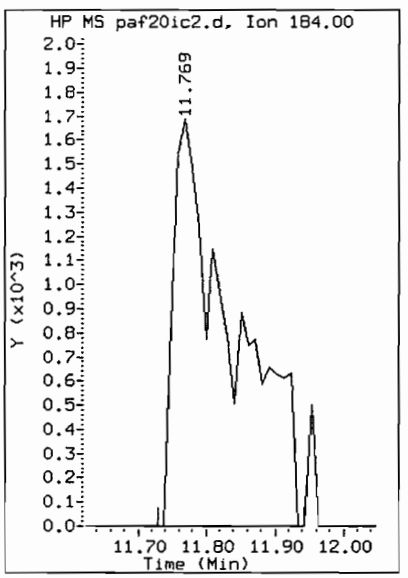


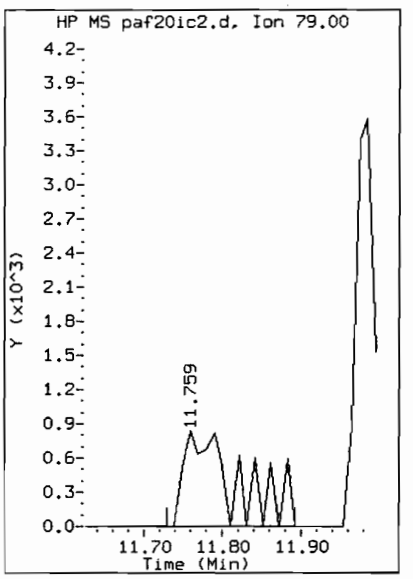


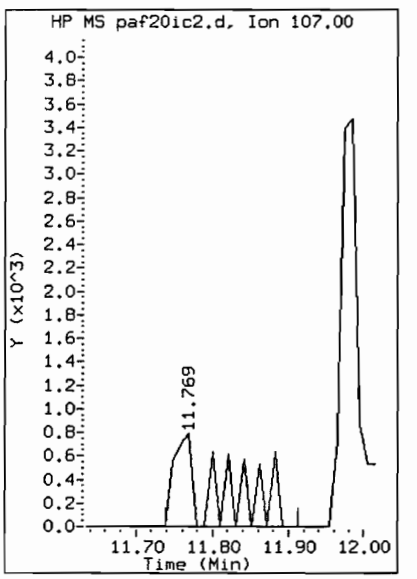


Original Integrations:

Area = 0 Area = 0 Area = 0







Final Integrations:

Area = 10155 Area = 3917 Area = 3094

Manual Integration Reason: M1 - Peak Missed

Report Date: 02-Oct-2006 11:07

STL Burlington

RECOVERY REPORT

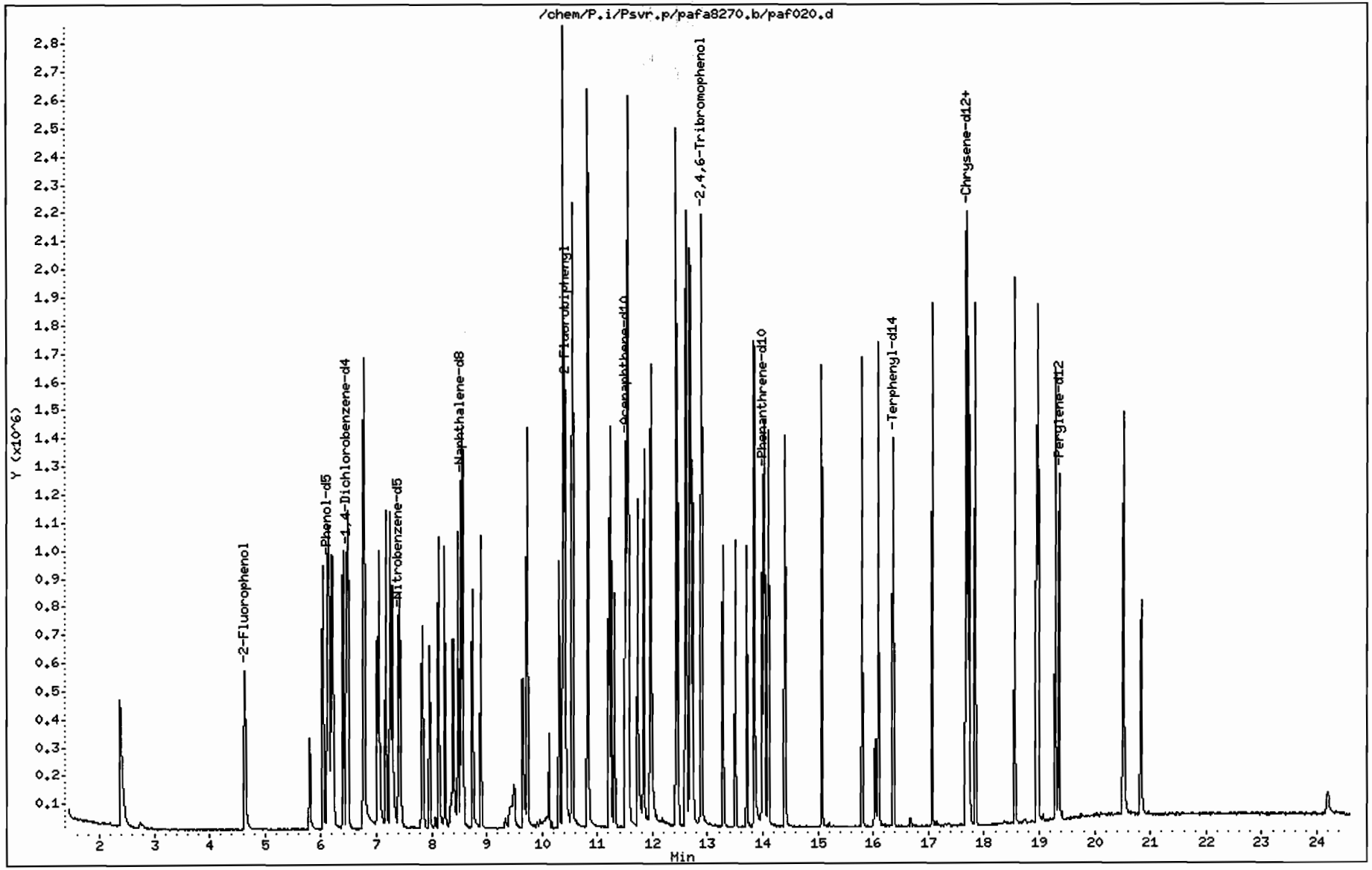
Client Name: STLVT
Client SDG: paf8270
Sample Matrix: LIQUID
Fraction: SV
Lab Smp Id: SSTD020-ICV
Client Smp ID: SSTD020-ICV
Level: LOW
Operator: djb
Data Type: MS DATA
SampleType: LCS
SpikeList File: ICVolc.spk
Quant Type: ISTD
Sublist File: OLC.sub
Method File: /chem/P.i/Psvr.p/paf8270.b/colc02.m
Misc Info: SSTD020-ICV RESTEK SOURCE

SPIKE	COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
5	Phenol	10	11	107.58	75-125
6	bis(2-Chloroethyl)	10	11	108.30	75-125
8	2-Chlorophenol	10	11	107.65	75-125
16	2-Methylphenol	10	10	104.73	75-125
15	2,2'-oxybis(1-Chlo	10	11	114.00	75-125
19	4-Methylphenol	10	10	104.13	75-125
18	N-Nitroso-di-n-pro	10	11	108.92	75-125
17	Hexachloroethane	10	11	108.45	75-125
21	Nitrobenzene	10	11	105.67	75-125
22	Isophorone	10	11	107.68	75-125
23	2-Nitrophenol	10	10	96.25	75-125
24	2,4-Dimethylphenol	10	9	93.68	75-125
25	bis(2-Chloroethoxy	10	11	110.43	75-125
26	2,4-Dichlorophenol	10	10	98.23	75-125
30	Naphthalene	10	11	108.07	75-125
31	4-Chloroaniline	10	10	97.69	75-125
32	Hexachlorobutadien	10	10	99.70	75-125
33	4-Chloro-3-Methylp	10	11	107.27	75-125
34	2-Methylnaphthalen	10	12	116.40	75-125
35	Hexachlorocyclopen	10	5	49.17*	75-125
36	2,4,6-Trichlorophe	10	10	99.02	75-125
37	2,4,5-Trichlorophe	10	8	84.91	75-125
39	2-Chloronaphthalen	10	11	108.17	75-125
40	2-Nitroaniline	10	10	97.51	75-125
41	Dimethylphthalate	10	11	109.52	75-125
42	Acenaphthylene	10	11	108.94	75-125
43	2,6-Dinitrotoluene	10	10	100.60	75-125
46	3-Nitroaniline	10	10	100.59	75-125
45	Acenaphthene	10	11	111.33	75-125
47	2,4-Dinitrophenol	10	2	23.95*	75-125
49	4-Nitrophenol	10	6	63.09*	75-125
48	Dibenzofuran	10	11	106.94	75-125
50	2,4-Dinitrotoluene	10	10	100.92	75-125

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
52 Diethylphthalate	10	11	110.18	75-125
51 Fluorene	10	11	110.58	75-125
53 4-Chlorophenyl-phe	10	10	103.44	75-125
54 4-Nitroaniline	10	10	96.74	75-125
55 4,6-Dinitro-2-meth	10	5	54.11*	75-125
56 N-nitrosodiphenyla	10	10	102.38	75-125
58 4-Bromophenyl-phen	10	10	96.78	75-125
59 Hexachlorobenzene	10	10	103.33	75-125
60 Pentachlorophenol	10	4	36.62*	75-125
62 Phenanthrene	10	10	103.41	75-125
63 Anthracene	10	10	104.96	75-125
65 Di-n-butylphthalat	10	10	102.25	75-125
66 Fluoranthene	10	10	99.90	75-125
67 Pyrene	10	10	96.73	75-125
69 Butylbenzylphthala	10	10	97.25	75-125
70 Benzo(a)anthracene	10	10	104.56	75-125
73 Chrysene	10	11	105.25	75-125
74 bis(2-Ethylhexyl)p	10	10	104.17	75-125
75 Di-n-octylphthalat	10	11	109.01	75-125
76 Benzo(b)fluoranthe	10	12	123.64	75-125
77 Benzo(k)fluoranthe	10	9	86.42	75-125
78 Benzo(a)pyrene	10	10	100.82	75-125
80 Indeno(1,2,3-cd)py	10	11	112.80	75-125
81 Dibenz(a,h)anthrac	10	11	112.51	75-125
82 Benzo(g,h,i)peryle	10	11	114.43	75-125

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 2 2-Fluorophenol	10	10	103.71	15-121
$ 4 Phenol-d5	10	11	108.04	15-115
$ 20 Nitrobenzene-d5	10	10	103.00	23-120
$ 38 2-Fluorobiphenyl	10	11	110.95	30-115
$ 57 2,4,6-Tribromophen	30	9	30.32	15-130
$ 68 Terphenyl-d14	10	10	99.44	18-140

Data File: /chem/P.i/Psvr.p/pafa8270.b/paf020.d
Date : 30-SEP-2006 14:02
Client ID: SSTD020
Instrument: P.i
Sample Info:
Volume Injected (uL): 1.0
Operator: djb
Column phase: RTx-5
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/paf020.d
Lab Smp Id: SSTD020 Client Smp ID: SSTD020
Inj Date : 30-SEP-2006 14:02
Operator : djb Inst ID: P.i
Smp Info :
Misc Info : SSTD020
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 11:34 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	2 2-Fluorophenol	112	4.630	4.630	(0.716)	378846	20.0000	22
$	4 Phenol-d5	99	6.118	6.118	(0.946)	463426	20.0000	22
	5 Phenol	94	6.139	6.139	(0.949)	477129	20.0000	22
	6 bis(2-Chloroethyl)Ether	93	6.149	6.149	(0.951)	382582	20.0000	22
	8 2-Chlorophenol	128	6.210	6.210	(0.960)	389155	20.0000	22
*	10 1,4-Dichlorobenzene-d4	152	6.467	6.467	(1.000)	234993	20.0000	
	15 2,2'-oxybis(1-Chloropropane)	45	7.021	7.021	(1.086)	407092	20.0000	22
	16 2-Methylphenol	108	7.052	7.052	(1.090)	349997	20.0000	22
	17 Hexachloroethane	117	7.257	7.257	(1.122)	168280	20.0000	22
	18 N-Nitroso-di-n-propylamine	70	7.247	7.247	(1.121)	255734	20.0000	22
	19 4-Methylphenol	108	7.288	7.288	(1.127)	350197	20.0000	21
$	20 Nitrobenzene-d5	82	7.401	7.401	(0.868)	374906	20.0000	21
	21 Nitrobenzene	77	7.432	7.432	(0.871)	373963	20.0000	22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	22 Isophorone	82	7.832	7.832	(0.918)	669546	20.0000	21
	23 2-Nitrophenol	139	7.965	7.965	(0.934)	202985	20.0000	21
	24 2,4-Dimethylphenol	107	8.130	8.130	(0.953)	348599	20.0000	21
	25 bis(2-Chloroethoxy)methane	93	8.243	8.243	(0.966)	441548	20.0000	22
	26 2,4-Dichlorophenol	162	8.396	8.396	(0.984)	308044	20.0000	21
*	29 Naphthalene-d8	136	8.530	8.530	(1.000)	864971	20.0000	
	30 Naphthalene	128	8.561	8.561	(1.004)	989227	20.0000	21
	31 4-Chloroaniline	127	8.745	8.745	(1.025)	398837	20.0000	21
	32 Hexachlorobutadiene	225	8.899	8.899	(1.043)	172756	20.0000	20
	33 4-Chloro-3-Methylphenol	107	9.659	9.659	(1.132)	247371	20.0000	20
	34 2-Methylnaphthalene	142	9.731	9.731	(1.141)	591567	20.0000	22
	35 Hexachlorocyclopentadiene	237	10.131	10.131	(0.880)	71054	20.0000	17
	36 2,4,6-Trichlorophenol	196	10.305	10.305	(0.895)	185767	20.0000	20
	37 2,4,5-Trichlorophenol	196	10.377	10.377	(0.901)	849755	80.0000	83(A)
$	38 2-Fluorobiphenyl	172	10.418	10.418	(0.905)	626828	20.0000	21
	39 2-Chloronaphthalene	162	10.541	10.541	(0.915)	573608	20.0000	21
	40 2-Nitroaniline	65	10.829	10.829	(0.940)	774622	80.0000	85(A)
	42 Acenaphthylene	152	11.250	11.250	(0.977)	886408	20.0000	21
	41 Dimethylphthalate	163	11.209	11.209	(0.973)	666907	20.0000	21
	43 2,6-Dinitrotoluene	165	11.311	11.311	(0.982)	161884	20.0000	22
*	44 Acenaphthene-d10	164	11.516	11.516	(1.000)	443503	20.0000	
	45 Acenaphthene	153	11.568	11.568	(1.004)	486679	20.0000	21
	46 3-Nitroaniline	138	11.547	11.547	(1.003)	711761	80.0000	86(A)
	47 2,4-Dinitrophenol	184	11.732	11.732	(1.019)	335658	80.0000	83(A)
	48 Dibenzofuran	168	11.845	11.845	(1.029)	782088	20.0000	21
	49 4-Nitrophenol	109	11.968	11.968	(1.039)	343262	80.0000	89(A)
	50 2,4-Dinitrotoluene	165	11.978	11.978	(1.040)	211479	20.0000	23
	51 Fluorene	166	12.430	12.430	(1.079)	622537	20.0000	22
	52 Diethylphthalate	149	12.430	12.430	(1.079)	587335	20.0000	22
	53 4-Chlorophenyl-phenylether	204	12.461	12.461	(1.082)	294180	20.0000	21
	54 4-Nitroaniline	138	12.615	12.615	(1.095)	759642	80.0000	85(A)
	55 4,6-Dinitro-2-methylphenol	198	12.686	12.686	(0.907)	538954	80.0000	84(A)
	56 N-nitrosodiphenylamine	169	12.697	12.697	(0.908)	405444	20.0000	21
$	57 2,4,6-Tribromophenol	330	12.892	12.892	(0.922)	394206	80.0000	79
	58 4-Bromophenyl-phenylether	248	13.282	13.282	(0.949)	168063	20.0000	20
	59 Hexachlorobenzene	284	13.507	13.507	(0.966)	207073	20.0000	21
	60 Pentachlorophenol	266	13.846	13.846	(0.990)	354503	80.0000	81(A)
*	61 Phenanthrene-d10	188	13.990	13.990	(1.000)	632401	20.0000	
	62 Phenanthrene	178	14.031	14.031	(1.003)	852801	20.0000	21
	63 Anthracene	178	14.103	14.103	(1.008)	847897	20.0000	22
	65 Di-n-butylphthalate	149	15.067	15.067	(1.077)	1074494	20.0000	21
	66 Fluoranthene	202	15.796	15.796	(1.129)	888988	20.0000	22
	67 Pyrene	202	16.094	16.094	(0.910)	936856	20.0000	20
$	68 Terphenyl-d14	244	16.361	16.361	(0.925)	608562	20.0000	20
	69 Butylbenzylphthalate	149	17.069	17.069	(0.965)	489574	20.0000	20
	70 Benzo(a)anthracene	228	17.674	17.674	(0.999)	860839	20.0000	21
*	71 Chrysene-d12	240	17.695	17.695	(1.000)	556585	20.0000	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
72 3,3'-Dichlorobenzidine	252	17.685	17.685	(0.999)	295908	20.0000	21
73 Chrysene	228	17.726	17.726	(1.002)	788971	20.0000	20
74 bis(2-Ethylhexyl)phthalate	149	17.838	17.838	(1.008)	590169	20.0000	20
75 Di-n-octylphthalate	149	18.557	18.557	(0.959)	1101690	20.0000	21
76 Benzo(b)fluoranthene	252	18.957	18.957	(0.979)	973705	20.0000	21
77 Benzo(k)fluoranthene	252	18.978	18.978	(0.980)	870821	20.0000	18
78 Benzo(a)pyrene	252	19.296	19.296	(0.997)	782463	20.0000	20
* 79 Perylene-d12	264	19.357	19.357	(1.000)	565792	20.0000	
80 Indeno(1,2,3-cd)pyrene	276	20.517	20.517	(1.060)	652174	20.0000	21
81 Dibenz(a,h)anthracene	278	20.527	20.527	(1.060)	558842	20.0000	21
82 Benzo(g,h,i)perylene	276	20.835	20.835	(1.076)	510566	20.0000	21

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

STL Burlington

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: P.i Injection Date: 30-SEP-2006 14:02
Lab File ID: paf020.d Init. Cal. Date(s): 30-SEP-2006 30-SEP-2006
Analysis Type: WATER Init. Cal. Times: 09:32 11:47
Lab Sample ID: SSTD020 Quant Type: ISTD
Method: /chem/P.i/Psvr.p/pafa8270.b/colc02.m

COMPOUND	RRF / AMOUNT	RF20	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 2 2-Fluorophenol	1.48266	1.61216	0.600	-8.73453	25.00000	Averaged
$ 4 Phenol-d5	1.79408	1.97208	0.800	-9.92158	25.00000	Averaged
5 Phenol	1.81565	2.03040	0.800	-11.82727	25.00000	Averaged
6 bis(2-Chloroethyl)Ether	1.46784	1.62806	0.700	-10.91509	25.00000	Averaged
8 2-Chlorophenol	1.50786	1.65603	0.800	-9.82642	25.00000	Averaged
15 2,2'-oxybis(1-Chloropropane	1.57621	1.73236	0.010	-9.90637	40.00000	Averaged
16 2-Methylphenol	1.37530	1.48939	0.700	-8.29624	25.00000	Averaged
17 Hexachloroethane	0.65012	0.71611	0.300	-10.14909	25.00000	Averaged
18 N-Nitroso-di-n-propylamine	0.99166	1.08826	0.500	-9.74190	25.00000	Averaged
19 4-Methylphenol	1.40939	1.49024	0.600	-5.73691	25.00000	Averaged
$ 20 Nitrobenzene-d5	0.40732	0.43343	0.200	-6.41028	25.00000	Averaged
21 Nitrobenzene	0.39790	0.43234	0.200	-8.65663	25.00000	Averaged
22 Isophorone	0.72369	0.77407	0.400	-6.96136	25.00000	Averaged
23 2-Nitrophenol	0.22338	0.23467	0.100	-5.05625	30.00000	Averaged
24 2,4-Dimethylphenol	0.38966	0.40302	0.200	-3.42752	30.00000	Averaged
25 bis(2-Chloroethoxy)methane	0.47145	0.51048	0.300	-8.27784	25.00000	Averaged
26 2,4-Dichlorophenol	0.33975	0.35613	0.200	-4.82146	25.00000	Averaged
30 Naphthalene	1.06566	1.14365	0.700	-7.31841	25.00000	Averaged
31 4-Chloroaniline	0.44294	0.46110	0.010	-4.09937	40.00000	Averaged
32 Hexachlorobutadiene	0.19591	0.19972	0.010	-1.94615	40.00000	Averaged
33 4-Chloro-3-Methylphenol	0.28190	0.28599	0.200	-1.45056	25.00000	Averaged
34 2-Methylnaphthalene	0.63022	0.68392	0.400	-8.52034	25.00000	Averaged
35 Hexachlorocyclopentadiene	0.18817	0.16021	0.010	14.86054	40.00000	Averaged
36 2,4,6-Trichlorophenol	0.41160	0.41886	0.200	-1.76389	25.00000	Averaged
37 2,4,5-Trichlorophenol	0.45943	0.47900	0.200	-4.25901	25.00000	Averaged
$ 38 2-Fluorobiphenyl	1.35759	1.41336	0.700	-4.10783	25.00000	Averaged
39 2-Chloronaphthalene	1.22821	1.29336	0.800	-5.30421	25.00000	Averaged
40 2-Nitroaniline	0.41233	0.43665	0.010	-5.89935	40.00000	Averaged
42 Acenaphthylene	1.89503	1.99865	0.900	-5.46825	25.00000	Averaged
41 Dimethylphthalate	1.40970	1.50373	0.010	-6.66971	40.00000	Averaged
43 2,6-Dinitrotoluene	0.33045	0.36501	0.200	-10.45923	25.00000	Averaged
45 Acenaphthene	1.05178	1.09735	0.900	-4.33336	25.00000	Averaged
46 3-Nitroaniline	0.37194	0.40122	0.010	-7.87124	40.00000	Averaged
47 2,4-Dinitrophenol	0.18209	0.18921	0.010	-3.91133	40.00000	Averaged
48 Dibenzofuran	1.68751	1.76343	0.800	-4.49913	25.00000	Averaged

STL Burlington

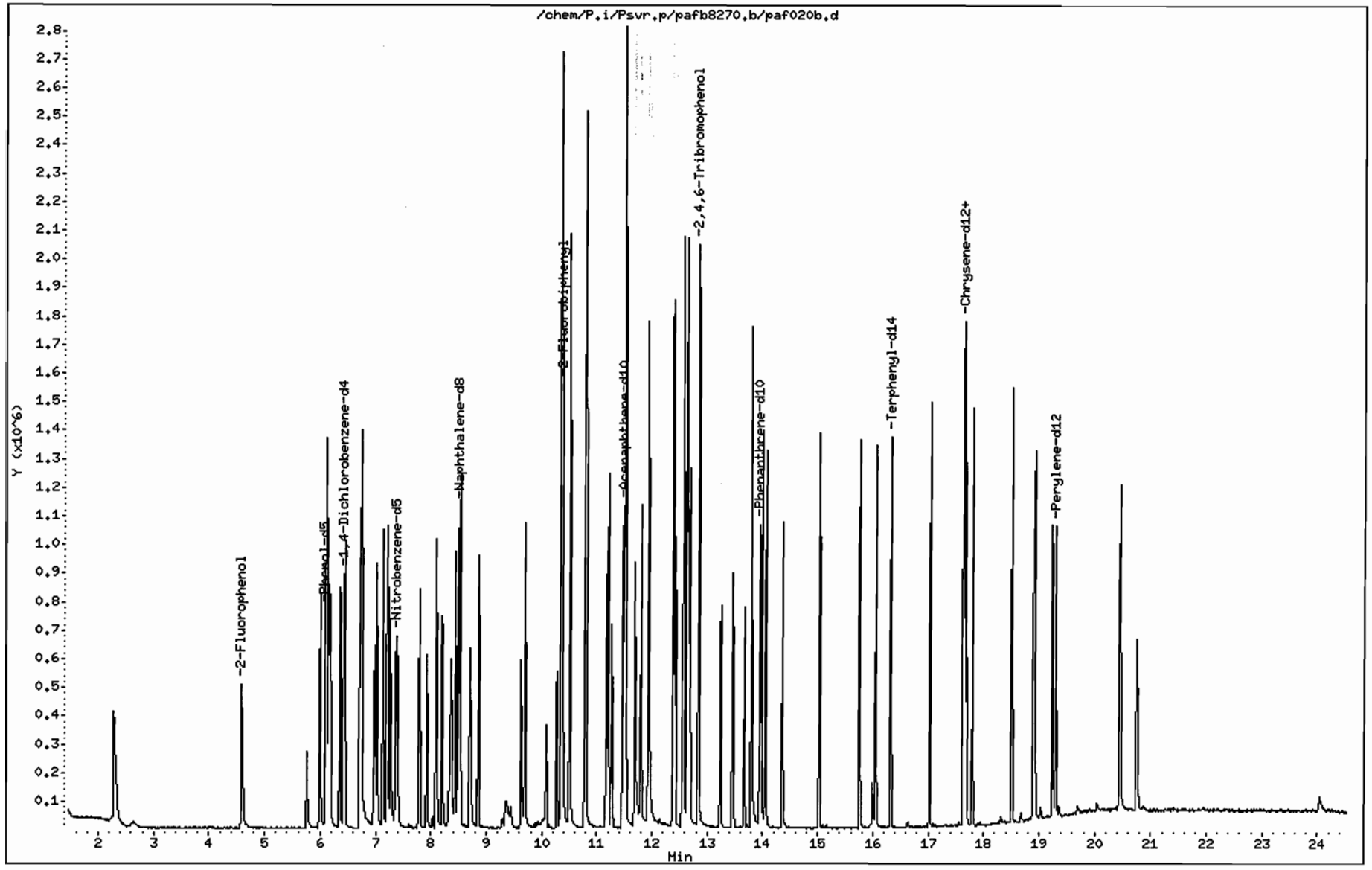
CONTINUING CALIBRATION COMPOUNDS

Instrument ID: P.i Injection Date: 30-SEP-2006 14:02
Lab File ID: paf020.d Init. Cal. Date(s): 30-SEP-2006 30-SEP-2006
Analysis Type: WATER Init. Cal. Times: 09:32 11:47
Lab Sample ID: SSTD020 Quant Type: ISTD
Method: /chem/P.i/Psvr.p/pafa8270.b/colc02.m

COMPOUND	RRF / AMOUNT	RF20	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
49 4-Nitrophenol	0.17422	0.19349	0.010	-11.06133	40.00000	Averaged
50 2,4-Dinitrotoluene	0.42246	0.47684	0.200	-12.87065	25.00000	Averaged
51 Fluorene	1.29259	1.40368	0.900	-8.59410	25.00000	Averaged
52 Diethylphthalate	1.21907	1.32431	0.010	-8.63280	40.00000	Averaged
53 4-Chlorophenyl-phenylether	0.62225	0.66331	0.400	-6.59857	25.00000	Averaged
54 4-Nitroaniline	0.40311	0.42821	0.010	-6.22668	40.00000	Averaged
55 4,6-Dinitro-2-methylphenol	0.20231	0.21306	0.010	-5.31049	40.00000	Averaged
56 N-nitrosodiphenylamine	0.60380	0.64112	0.010	-6.18005	40.00000	Averaged
$ 57 2,4,6-Tribromophenol	0.15830	0.15584	0.010	1.55587	40.00000	Averaged
58 4-Bromophenyl-phenylether	0.26267	0.26575	0.100	-1.17371	25.00000	Averaged
59 Hexachlorobenzene	0.31852	0.32744	0.100	-2.80092	25.00000	Averaged
60 Pentachlorophenol	0.13865	0.14014	0.050	-1.07448	25.00000	Averaged
62 Phenanthrene	1.28770	1.34851	0.700	-4.72225	25.00000	Averaged
63 Anthracene	1.24690	1.34076	0.700	-7.52742	25.00000	Averaged
65 Di-n-butylphthalate	1.59066	1.69907	0.010	-6.81555	40.00000	Averaged
66 Fluoranthene	1.30643	1.40573	0.600	-7.60160	25.00000	Averaged
67 Pyrene	1.66633	1.68322	0.600	-1.01355	25.00000	Averaged
$ 68 Terphenyl-d14	1.07294	1.09339	0.500	-1.90555	25.00000	Averaged
69 Butylbenzylphthalate	0.86954	0.87960	0.010	-1.15766	40.00000	Averaged
70 Benzo(a)anthracene	1.50008	1.54664	0.800	-3.10423	25.00000	Averaged
72 3,3'-Dichlorobenzidine	0.49976	0.53165	0.010	-6.37987	40.00000	Averaged
73 Chrysene	1.39258	1.41752	0.700	-1.79130	25.00000	Averaged
74 bis(2-Ethylhexyl)phthalate	1.04543	1.06034	0.010	-1.42568	40.00000	Averaged
75 Di-n-octylphthalate	1.86842	1.94716	0.010	-4.21475	40.00000	Averaged
76 Benzo(b)fluoranthene	1.65820	1.72096	0.700	-3.78487	25.00000	Averaged
77 Benzo(k)fluoranthene	1.66996	1.53912	0.700	7.83492	25.00000	Averaged
78 Benzo(a)pyrene	1.36901	1.38295	0.700	-1.01866	25.00000	Averaged
80 Indeno(1,2,3-cd)pyrene	1.11356	1.15267	0.500	-3.51232	25.00000	Averaged
81 Dibenz(a,h)anthracene	0.94224	0.98772	0.400	-4.82625	25.00000	Averaged
82 Benzo(g,h,i)perylene	0.86894	0.90239	0.500	-3.85014	25.00000	Averaged

Data File: /chem/P.i/Psvr.p/pafb8270.b/paf020b.d
Date : 01-OCT-2006 12:39
Client ID: SSTD020
Sample Info:
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: djb
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafb8270.b/paf020b.d
Lab Smp Id: SSTD020 Client Smp ID: SSTD020
Inj Date : 01-OCT-2006 12:39
Operator : djb Inst ID: P.i
Smp Info :
Misc Info : SSTD020
Comment :
Method : /chem/P.i/Psvr.p/pafb8270.b/colc02.m
Meth Date : 02-Oct-2006 14:15 je Quant Type: ISTD
Cal Date : 01-OCT-2006 12:39 Cal File: paf020b.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	2 2-Fluorophenol	112	4.588	4.588	(0.714)	333068	20.0000	20
$	4 Phenol-d5	99	6.087	6.087	(0.947)	393883	20.0000	20
	5 Phenol	94	6.107	6.107	(0.950)	422126	20.0000	21
	6 bis(2-Chloroethyl)Ether	93	6.107	6.107	(0.950)	333756	20.0000	21
	8 2-Chlorophenol	128	6.179	6.179	(0.962)	335109	20.0000	20
*	10 1,4-Dichlorobenzene-d4	152	6.425	6.425	(1.000)	219696	20.0000	
	15 2,2'-oxybis(1-Chloropropane)	45	6.979	6.979	(1.086)	360057	20.0000	21
	16 2-Methylphenol	108	7.020	7.020	(1.093)	300892	20.0000	20
	17 Hexachloroethane	117	7.215	7.215	(1.123)	144072	20.0000	20
	18 N-Nitroso-di-n-propylamine	70	7.205	7.205	(1.121)	233446	20.0000	21
	19 4-Methylphenol	108	7.267	7.267	(1.131)	318701	20.0000	21
$	20 Nitrobenzene-d5	82	7.369	7.369	(0.867)	322853	20.0000	20
	21 Nitrobenzene	77	7.390	7.390	(0.870)	317860	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	22 Isophorone	82	7.790	7.790	(0.917)	580478	20.0000	20
	23 2-Nitrophenol	139	7.924	7.924	(0.932)	175394	20.0000	20
	24 2,4-Dimethylphenol	107	8.098	8.098	(0.953)	310905	20.0000	20
	25 bis(2-Chloroethoxy)methane	93	8.201	8.201	(0.965)	380822	20.0000	21
	26 2,4-Dichlorophenol	162	8.365	8.365	(0.984)	263342	20.0000	20
*	29 Naphthalene-d8	136	8.498	8.498	(1.000)	782590	20.0000	
	30 Naphthalene	128	8.529	8.529	(1.004)	847821	20.0000	20
	31 4-Chloroaniline	127	8.714	8.714	(1.025)	361871	20.0000	21
	32 Hexachlorobutadiene	225	8.858	8.858	(1.042)	149763	20.0000	20
	33 4-Chloro-3-Methylphenol	107	9.627	9.627	(1.133)	222097	20.0000	20
	34 2-Methylnaphthalene	142	9.699	9.699	(1.141)	480270	20.0000	19
	35 Hexachlorocyclopentadiene	237	10.089	10.089	(0.879)	62106	20.0000	16
	36 2,4,6-Trichlorophenol	196	10.274	10.274	(0.895)	122475	20.0000	15
	37 2,4,5-Trichlorophenol	196	10.346	10.346	(0.902)	728745	80.0000	78
$	38 2-Fluorobiphenyl	172	10.376	10.376	(0.904)	517518	20.0000	19
	39 2-Chloronaphthalene	162	10.500	10.500	(0.915)	486997	20.0000	20
	40 2-Nitroaniline	65	10.797	10.797	(0.941)	742667	80.0000	89(A)
	42 Acenaphthylene	152	11.208	11.208	(0.977)	770310	20.0000	20
	41 Dimethylphthalate	163	11.177	11.177	(0.974)	566887	20.0000	20
	43 2,6-Dinitrotoluene	165	11.269	11.269	(0.982)	131779	20.0000	20
*	44 Acenaphthene-d10	164	11.475	11.475	(1.000)	404669	20.0000	
	45 Acenaphthene	153	11.526	11.526	(1.004)	413276	20.0000	19
	46 3-Nitroaniline	138	11.516	11.516	(1.004)	659948	80.0000	88(A)
	47 2,4-Dinitrophenol	184	11.690	11.690	(1.019)	296091	80.0000	80(A)
	48 Dibenzofuran	168	11.803	11.803	(1.029)	678176	20.0000	20
	49 4-Nitrophenol	109	11.936	11.936	(1.040)	298162	80.0000	85(A)
	50 2,4-Dinitrotoluene	165	11.936	11.936	(1.040)	171244	20.0000	20
	51 Fluorene	166	12.378	12.378	(1.079)	539058	20.0000	21
	52 Diethylphthalate	149	12.388	12.388	(1.080)	516232	20.0000	21
	53 4-Chlorophenyl-phenylether	204	12.419	12.419	(1.082)	251992	20.0000	20
	54 4-Nitroaniline	138	12.573	12.573	(1.096)	697728	80.0000	86(A)
	55 4,6-Dinitro-2-methylphenol	198	12.634	12.634	(0.906)	466990	80.0000	82(A)
	56 N-nitrosodiphenylamine	169	12.655	12.655	(0.907)	326359	20.0000	19
$	57 2,4,6-Tribromophenol	330	12.850	12.850	(0.921)	383422	80.0000	86(A)
	58 4-Bromophenyl-phenylether	248	13.240	13.240	(0.949)	151249	20.0000	20
	59 Hexachlorobenzene	284	13.455	13.455	(0.965)	178318	20.0000	20
	60 Pentachlorophenol	266	13.794	13.794	(0.989)	346520	80.0000	89(A)
*	61 Phenanthrene-d10	188	13.948	13.948	(1.000)	563054	20.0000	
	62 Phenanthrene	178	13.979	13.979	(1.002)	718885	20.0000	20
	63 Anthracene	178	14.051	14.051	(1.007)	684574	20.0000	20
	65 Di-n-butylphthalate	149	15.026	15.026	(1.077)	871368	20.0000	19
	66 Fluoranthene	202	15.754	15.754	(1.129)	714329	20.0000	19
	67 Pyrene	202	16.052	16.052	(0.910)	759915	20.0000	20
$	68 Terphenyl-d14	244	16.319	16.319	(0.925)	500210	20.0000	20
	69 Butylbenzylphthalate	149	17.027	17.027	(0.965)	394751	20.0000	20
	70 Benzo(a)anthracene	228	17.622	17.622	(0.999)	683053	20.0000	20
*	71 Chrysene-d12	240	17.643	17.643	(1.000)	461123	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
72	3,3'-Dichlorobenzidine	252	17.643	17.643	(1.000)	217096	20.0000	19
73	Chrysene	228	17.673	17.673	(1.002)	616110	20.0000	19
74	bis(2-Ethylhexyl)phthalate	149	17.797	17.797	(1.009)	456854	20.0000	19
75	Di-n-octylphthalate	149	18.505	18.505	(0.959)	840442	20.0000	20
76	Benzo(b)fluoranthene	252	18.895	18.895	(0.979)	830514	20.0000	22
77	Benzo(k)fluoranthene	252	18.926	18.926	(0.981)	668172	20.0000	18
78	Benzo(a)pyrene	252	19.244	19.244	(0.997)	600729	20.0000	19
* 79	Perylene-d12	264	19.295	19.295	(1.000)	451954	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	20.445	20.445	(1.060)	482293	20.0000	19
81	Dibenz(a,h)anthracene	278	20.455	20.455	(1.060)	403820	20.0000	19
82	Benzo(g,h,i)perylene	276	20.752	20.752	(1.076)	395752	20.0000	20

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

STL Burlington

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: P.i Injection Date: 01-OCT-2006 12:39
Lab File ID: paf020b.d Init. Cal. Date(s): 30-SEP-2006 30-SEP-2006
Analysis Type: WATER Init. Cal. Times: 09:32 11:47
Lab Sample ID: SSTD020 Quant Type: ISTD
Method: /chem/P.i/Psvr.p/pafb8270.b/colc02.m

COMPOUND	RRF / AMOUNT	RF20	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 2 2-Fluorophenol	1.48266	1.51604	0.600	-2.25168	25.00000	Averaged	
$ 4 Phenol-d5	1.79408	1.79285	0.800	0.06846	25.00000	Averaged	
5 Phenol	1.81565	1.92141	0.800	-5.82464	25.00000	Averaged	
6 bis(2-Chloroethyl)Ether	1.46784	1.51917	0.700	-3.49705	25.00000	Averaged	
8 2-Chlorophenol	1.50786	1.52533	0.800	-1.15866	25.00000	Averaged	
15 2,2'-oxybis(1-Chloropropane	1.57621	1.63889	0.010	-3.97629	40.00000	Averaged	
16 2-Methylphenol	1.37530	1.36958	0.700	0.41534	25.00000	Averaged	
17 Hexachloroethane	0.65012	0.65578	0.300	-0.86971	25.00000	Averaged	
18 N-Nitroso-di-n-propylamine	0.99166	1.06259	0.500	-7.15273	25.00000	Averaged	
19 4-Methylphenol	1.40939	1.45065	0.600	-2.92726	25.00000	Averaged	
$ 20 Nitrobenzene-d5	0.40732	0.41254	0.200	-1.28223	25.00000	Averaged	
21 Nitrobenzene	0.39790	0.40616	0.200	-2.07766	25.00000	Averaged	
22 Isophorone	0.72369	0.74174	0.400	-2.49425	25.00000	Averaged	
23 2-Nitrophenol	0.22338	0.22412	0.100	-0.33211	30.00000	Averaged	
24 2,4-Dimethylphenol	0.38966	0.39728	0.200	-1.95416	30.00000	Averaged	
25 bis(2-Chloroethoxy)methane	0.47145	0.48662	0.300	-3.21693	25.00000	Averaged	
26 2,4-Dichlorophenol	0.33975	0.33650	0.200	0.95676	25.00000	Averaged	
30 Naphthalene	1.06566	1.08335	0.700	-1.65990	25.00000	Averaged	
31 4-Chloroaniline	0.44294	0.46240	0.010	-4.39355	40.00000	Averaged	
32 Hexachlorobutadiene	0.19591	0.19137	0.010	2.31914	40.00000	Averaged	
33 4-Chloro-3-Methylphenol	0.28190	0.28380	0.200	-0.67361	25.00000	Averaged	
34 2-Methylnaphthalene	0.63022	0.61369	0.400	2.62221	25.00000	Averaged	
35 Hexachlorocyclopentadiene	0.18817	0.15347	0.010	18.44088	40.00000	Averaged	
36 2,4,6-Trichlorophenol	0.41160	0.30265	0.200	26.46921	25.00000	Averaged	<-
37 2,4,5-Trichlorophenol	0.45943	0.45021	0.200	2.00767	25.00000	Averaged	
$ 38 2-Fluorobiphenyl	1.35759	1.27887	0.700	5.79866	25.00000	Averaged	
39 2-Chloronaphthalene	1.22821	1.20345	0.800	2.01638	25.00000	Averaged	
40 2-Nitroaniline	0.41233	0.45881	0.010	-11.27413	40.00000	Averaged	
42 Acenaphthylene	1.89503	1.90356	0.900	-0.45007	25.00000	Averaged	
41 Dimethylphthalate	1.40970	1.40087	0.010	0.62687	40.00000	Averaged	
43 2,6-Dinitrotoluene	0.33045	0.32565	0.200	1.45357	25.00000	Averaged	
45 Acenaphthene	1.05178	1.02127	0.900	2.90041	25.00000	Averaged	
46 3-Nitroaniline	0.37194	0.40771	0.010	-9.61698	40.00000	Averaged	
47 2,4-Dinitrophenol	0.18209	0.18292	0.010	-0.45874	40.00000	Averaged	
48 Dibenzofuran	1.68751	1.67588	0.800	0.68929	25.00000	Averaged	

STL Burlington

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: P.i Injection Date: 01-OCT-2006 12:39
Lab File ID: paf020b.d Init. Cal. Date(s): 30-SEP-2006 30-SEP-2006
Analysis Type: WATER Init. Cal. Times: 09:32 11:47
Lab Sample ID: SSTD020 Quant Type: ISTD
Method: /chem/P.i/Psvr.p/pafb8270.b/colc02.m

COMPOUND	RRF / AMOUNT	RF20	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
49 4-Nitrophenol	0.17422	0.18420	0.010	-5.72703	40.00000	Averaged
50 2,4-Dinitrotoluene	0.42246	0.42317	0.200	-0.16725	25.00000	Averaged
51 Fluorene	1.29259	1.33210	0.900	-3.05598	25.00000	Averaged
52 Diethylphthalate	1.21907	1.27569	0.010	-4.64456	40.00000	Averaged
53 4-Chlorophenyl-phenylether	0.62225	0.62271	0.400	-0.07408	25.00000	Averaged
54 4-Nitroaniline	0.40311	0.43105	0.010	-6.93194	40.00000	Averaged
55 4,6-Dinitro-2-methylphenol	0.20231	0.20735	0.010	-2.48729	40.00000	Averaged
56 N-nitrosodiphenylamine	0.60380	0.57962	0.010	4.00466	40.00000	Averaged
$ 57 2,4,6-Tribromophenol	0.15830	0.17024	0.010	-7.54398	40.00000	Averaged
58 4-Bromophenyl-phenylether	0.26267	0.26862	0.100	-2.26584	25.00000	Averaged
59 Hexachlorobenzene	0.31852	0.31670	0.100	0.57143	25.00000	Averaged
60 Pentachlorophenol	0.13865	0.15386	0.050	-10.96663	25.00000	Averaged
62 Phenanthrene	1.28770	1.27676	0.700	0.84989	25.00000	Averaged
63 Anthracene	1.24690	1.21582	0.700	2.49227	25.00000	Averaged
65 Di-n-butylphthalate	1.59066	1.54757	0.010	2.70857	40.00000	Averaged
66 Fluoranthene	1.30643	1.26867	0.600	2.89007	25.00000	Averaged
67 Pyrene	1.66633	1.64797	0.600	1.10223	25.00000	Averaged
$ 68 Terphenyl-d14	1.07294	1.08476	0.500	-1.10208	25.00000	Averaged
69 Butylbenzylphthalate	0.86954	0.85606	0.010	1.54940	40.00000	Averaged
70 Benzo(a)anthracene	1.50008	1.48128	0.800	1.25306	25.00000	Averaged
72 3,3'-Dichlorobenzidine	0.49976	0.47080	0.010	5.79601	40.00000	Averaged
73 Chrysene	1.39258	1.33611	0.700	4.05495	25.00000	Averaged
74 bis(2-Ethylhexyl)phthalate	1.04543	0.99074	0.010	5.23158	40.00000	Averaged
75 Di-n-octylphthalate	1.86842	1.85957	0.010	0.47319	40.00000	Averaged
76 Benzo(b)fluoranthene	1.65820	1.83761	0.700	-10.81950	25.00000	Averaged
77 Benzo(k)fluoranthene	1.66996	1.47841	0.700	11.47043	25.00000	Averaged
78 Benzo(a)pyrene	1.36901	1.32918	0.700	2.90901	25.00000	Averaged
80 Indeno(1,2,3-cd)pyrene	1.11356	1.06713	0.500	4.16986	25.00000	Averaged
81 Dibenz(a,h)anthracene	0.94224	0.89350	0.400	5.17313	25.00000	Averaged
82 Benzo(g,h,i)perylene	0.86894	0.87565	0.500	-0.77224	25.00000	Averaged

SEVERN TRENT STL

OLC02.1

***

SEMI-VOLATILE ORGANIC ANALYSIS

***

RAW QC DATA

Data File: /chem/P.i/Psvr.p/paf8270.b/paf01ps.d

Date : 30-SEP-2006 08:45

Client ID: DFTPP

Instrument: P.i

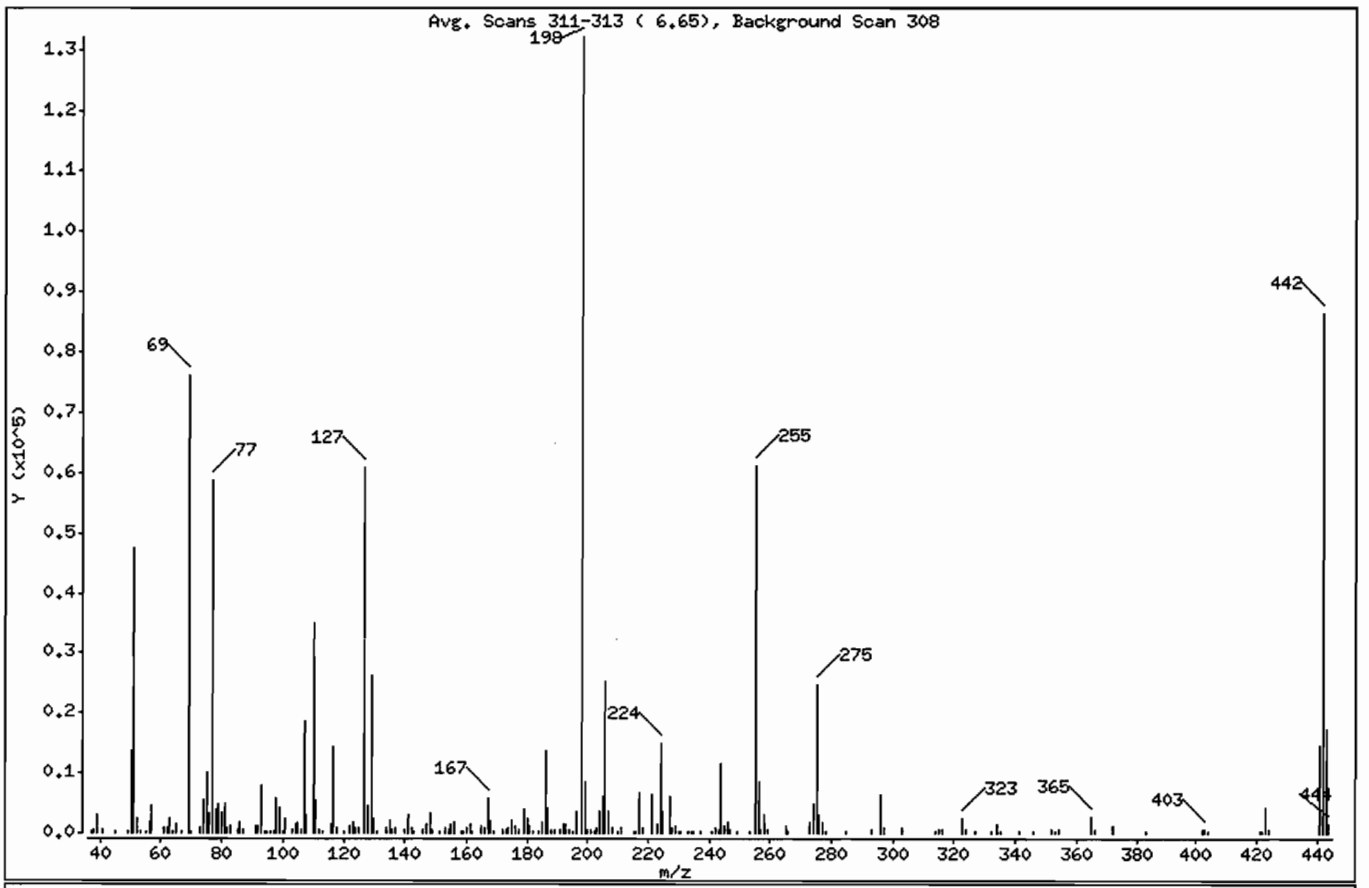
Sample Info:

Operator: djb

Column phase: RTX-5

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	35.88
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	57.64
70	Less than 2.00% of mass 69	0.19 (0.34)
127	40.00 - 60.00% of mass 198	45.99
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.55
275	10.00 - 30.00% of mass 198	18.77
365	Greater than 1.00% of mass 198	2.06
441	Present, but less than mass 443	10.99
442	Greater than 40.00% of mass 198	65.52
443	17.00 - 23.00% of mass 442	13.06 (19.94)

Data File: /chem/P.i/Psvr.p/paf8270.b/paf01ps.d

Date : 30-SEP-2006 08:45

Client ID: DFTPP

Instrument: P.i

Sample Info:

Operator: djb

Column phase: RTX-5

Column diameter: 0.25

Data File: paf01ps.d

Spectrum: Avg. Scans 311-313 (6.65), Background Scan 308

Location of Maximum: 198.00

Number of points: 204

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	213	110.00	35064	181.00	1218	253.00	179
38.00	706	111.00	5394	182.00	168	255.00	61096
39.00	3153	112.00	723	184.00	292	256.00	8520
41.00	558	113.00	222	185.00	1956	257.00	633
45.00	186	116.00	1405	186.00	13674	258.00	2959
49.00	384	117.00	14177	187.00	4156	259.00	528
50.00	13560	118.00	1021	188.00	498	265.00	1117
51.00	47384	120.00	248	189.00	701	266.00	240
52.00	2551	122.00	1078	191.00	508	273.00	1698
53.00	168	123.00	1840	192.00	1503	274.00	4768
55.00	234	124.00	961	193.00	1431	275.00	24784
56.00	1876	125.00	821	194.00	457	276.00	3103
57.00	4559	127.00	60736	195.00	184	277.00	1909
61.00	1011	128.00	4593	196.00	3675	278.00	174
62.00	793	129.00	26072	198.00	132032	285.00	280
63.00	2549	130.00	2396	199.00	8655	293.00	654
64.00	452	131.00	288	200.00	737	296.00	6432
65.00	1440	134.00	791	201.00	574	297.00	896
67.00	170	135.00	2090	202.00	211	303.00	826
69.00	76112	136.00	746	203.00	827	314.00	241
70.00	257	137.00	855	204.00	3769	315.00	750
73.00	820	140.00	469	205.00	5943	316.00	528
74.00	5466	141.00	2994	206.00	25312	323.00	2451
75.00	9890	142.00	940	207.00	3641	324.00	555
76.00	3475	143.00	315	208.00	792	327.00	190
77.00	58656	146.00	526	210.00	215	332.00	169
78.00	3981	147.00	1481	211.00	892	334.00	1409
79.00	4982	148.00	3377	215.00	408	335.00	221
80.00	3213	149.00	601	216.00	238	341.00	196
81.00	4806	151.00	235	217.00	6560	346.00	292
82.00	991	153.00	868	218.00	836	352.00	645
83.00	1307	154.00	578	221.00	6404	353.00	327
85.00	729	155.00	1412	223.00	1597	354.00	679
86.00	1759	156.00	1920	224.00	14779	365.00	2723
87.00	630	158.00	314	225.00	3648	366.00	468

Data File: /chem/P.i/Psvr.p/paf8270.b/paf01ps.d

Date : 30-SEP-2006 08:45

Client ID: DFTPP

Instrument: P.i

Sample Info:

Operator: djb

Column phase: RTX-5

Column diameter: 0.25

Data File: paf01ps.d
Spectrum: Avg. Scans 311-313 (6.65), Background Scan 308
Location of Maximum: 198.00
Number of points: 204

m/z	Y	m/z	Y	m/z	Y	m/z	Y
91.00	1296	159.00	282	227.00	6105	372.00	1212
92.00	1080	160.00	773	228.00	779	383.00	303
93.00	8043	161.00	1528	229.00	1270	402.00	576
94.00	452	162.00	364	230.00	225	403.00	645
95.00	367	165.00	1323	231.00	328	404.00	220
96.00	260	166.00	915	233.00	208	421.00	431
97.00	211	167.00	5795	234.00	172	422.00	390
98.00	5738	168.00	2255	235.00	202	423.00	4391
99.00	4127	169.00	451	237.00	413	424.00	608
100.00	338	172.00	481	241.00	402	441.00	14516
101.00	2417	173.00	608	242.00	776	442.00	86528
103.00	664	174.00	942	243.00	659	443.00	17248
104.00	1614	175.00	2008	244.00	11460	444.00	1560
105.00	1696	176.00	1122	245.00	1305		
106.00	558	177.00	635	246.00	1864		
107.00	18672	179.00	3936	247.00	467		
108.00	2998	180.00	2311	249.00	193		

Data File: /chem/P.i/Psvr.p/paf8270.b/paf01ps.d

Page 1

Date : 30-SEP-2006 08:45

Client ID: DFTPP

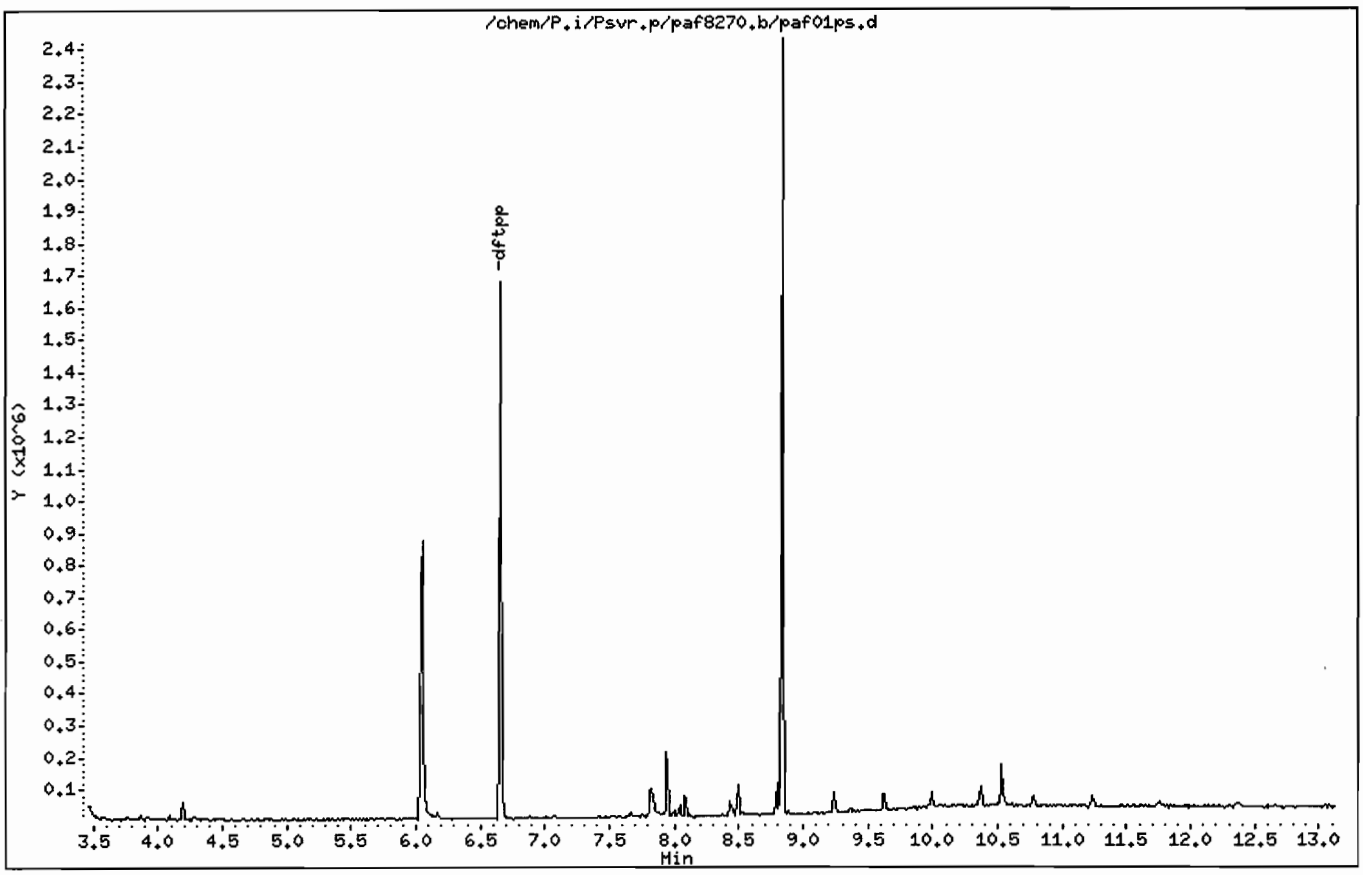
Instrument: P.i

Sample Info:

Operator: djb

Column phase: RTX-5

Column diameter: 0.25



Data File: /chem/P.i/Psvr.p/pafa8270.b/paf03ps.d

Page 2

Date : 30-SEP-2006 13:39

Client ID: DFTPP

Instrument: P.i

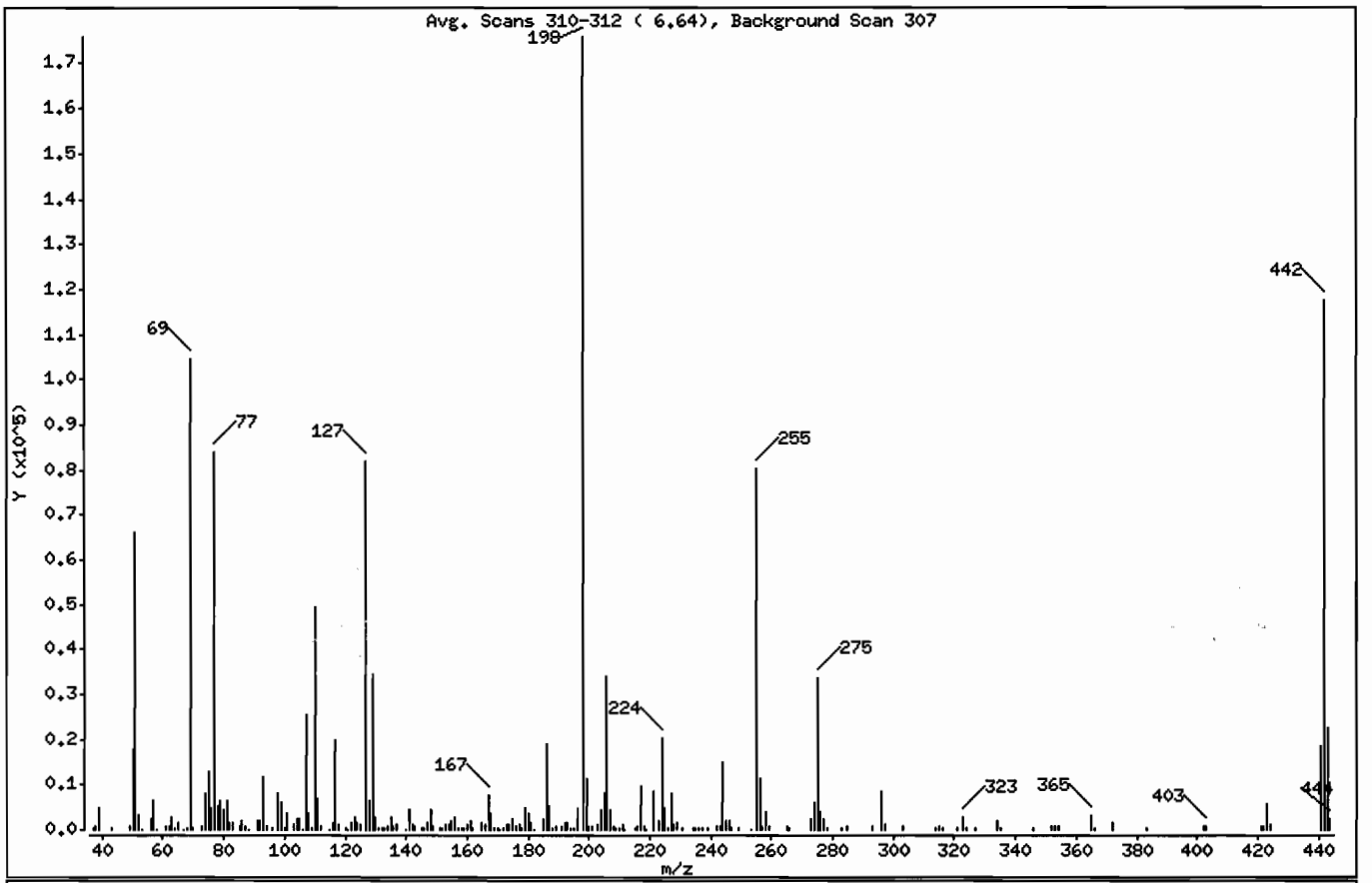
Sample Info:

Operator: djb

Column phase: RTX-5

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	37.52
68	Less than 2.00% of mass 69	0.16 (0.28)
69	Mass 69 relative abundance	59.50
70	Less than 2.00% of mass 69	0.14 (0.24)
127	40.00 - 60.00% of mass 198	46.54
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.56
275	10.00 - 30.00% of mass 198	19.02
365	Greater than 1.00% of mass 198	1.92
441	Present, but less than mass 443	10.69
442	Greater than 40.00% of mass 198	66.83
443	17.00 - 23.00% of mass 442	12.83 (19.20)

Date : 30-SEP-2006 13:39

Client ID: DFTPP Instrument: P.i

Sample Info:

Operator: djb

Column phase: RTX-5 Column diameter: 0.25

Data File: paf03ps.d
Spectrum: Avg. Scans 310-312 (6.64), Background Scan 307
Location of Maximum: 198.00
Number of points: 213

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	212	112.00	819	176.00	995	245.00	1953
38.00	839	115.00	178	177.00	1259	246.00	2201
39.00	4961	116.00	1475	178.00	443	247.00	363
43.00	240	117.00	19952	179.00	4977	249.00	470
49.00	697	118.00	1416	180.00	3515	253.00	183
50.00	17944	120.00	260	181.00	1820	255.00	80336
51.00	66000	121.00	181	182.00	201	256.00	11417
52.00	3242	122.00	1795	185.00	2323	257.00	801
53.00	179	123.00	2673	186.00	19200	258.00	4002
56.00	2495	124.00	1519	187.00	5238	259.00	774
57.00	6550	125.00	1309	188.00	319	265.00	771
58.00	172	127.00	81864	189.00	970	266.00	226
61.00	997	128.00	6512	191.00	675	273.00	2329
62.00	969	129.00	34536	192.00	1497	274.00	5921
63.00	2670	130.00	2685	193.00	1593	275.00	33448
64.00	363	131.00	363	194.00	296	276.00	4145
65.00	1746	132.00	230	195.00	501	277.00	2396
67.00	174	133.00	211	196.00	5000	278.00	259
68.00	289	134.00	679	198.00	175872	283.00	224
69.00	104664	135.00	2763	199.00	11538	285.00	634
70.00	251	136.00	879	200.00	727	293.00	639
73.00	656	137.00	1337	201.00	817	296.00	8339
74.00	8283	140.00	193	203.00	1162	297.00	1153
75.00	13144	141.00	4496	204.00	4512	303.00	960
76.00	5053	142.00	1291	205.00	8276	314.00	453
77.00	84032	143.00	698	206.00	33880	315.00	832
78.00	5286	145.00	204	207.00	4502	316.00	470
79.00	6359	146.00	586	208.00	1007	321.00	360
80.00	4640	147.00	1809	209.00	336	323.00	3029
81.00	6677	148.00	4568	210.00	366	324.00	507
82.00	1713	149.00	712	211.00	1393	327.00	513
83.00	1719	151.00	295	212.00	199	334.00	1912
85.00	894	152.00	285	215.00	334	335.00	464
86.00	1824	153.00	1315	216.00	809	346.00	531
87.00	749	154.00	1022	217.00	9527	352.00	900

Date : 30-SEP-2006 13:39

Client ID: DFTPP Instrument: P.i

Sample Info:

Operator: djb

Column phase: RTX-5 Column diameter: 0.25

Data File: paf03ps.d
Spectrum: Avg. Scans 310-312 (6.64), Background Scan 307
Location of Maximum: 198.00
Number of points: 213

m/z	Y	m/z	Y	m/z	Y	m/z	Y
88.00	176	155.00	1998	218.00	825	353.00	702
91.00	1847	156.00	2794	219.00	176	354.00	997
92.00	1881	157.00	385	221.00	8443	365.00	3380
93.00	11607	158.00	542	223.00	2025	366.00	481
94.00	886	159.00	303	224.00	20376	372.00	1531
96.00	452	160.00	1296	225.00	4916	383.00	227
98.00	8203	161.00	1856	226.00	284	402.00	634
99.00	6166	162.00	537	227.00	7930	403.00	823
100.00	264	165.00	1612	228.00	1018	421.00	690
101.00	3553	166.00	1107	229.00	1798	422.00	971
103.00	1015	167.00	7562	231.00	543	423.00	5695
104.00	2344	168.00	3654	234.00	571	424.00	1057
105.00	2421	169.00	467	235.00	351	441.00	18800
106.00	191	170.00	208	236.00	255	442.00	117552
107.00	25560	171.00	193	237.00	450	443.00	22576
108.00	3628	172.00	604	239.00	231	444.00	2302
109.00	296	173.00	1065	242.00	960		
110.00	49616	174.00	1323	243.00	648		
111.00	6991	175.00	2599	244.00	15050		

Data File: /chem/P.i/Psvr.p/pafa8270.b/paf03ps.d

Page 1

Date : 30-SEP-2006 13:39

Client ID: DFTPP

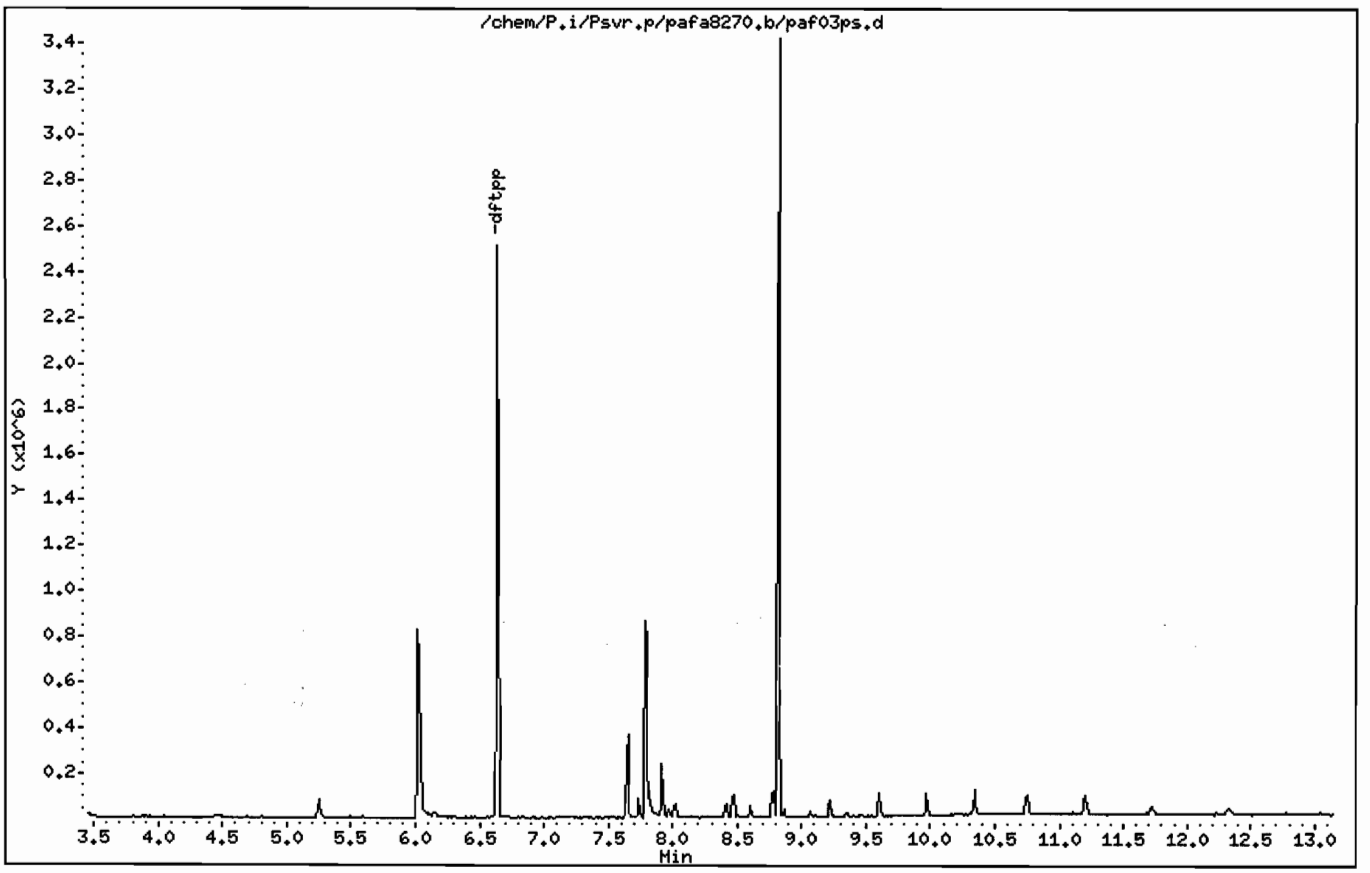
Instrument: P.i

Sample Info:

Operator: djb

Column phase: RTX-5

Column diameter: 0.25



Data File: /chem/P.i/Psvr.p/pafb8270.b/paf05ps.d

Date : 01-OCT-2006 12:11

Client ID: DFTPP

Instrument: P.i

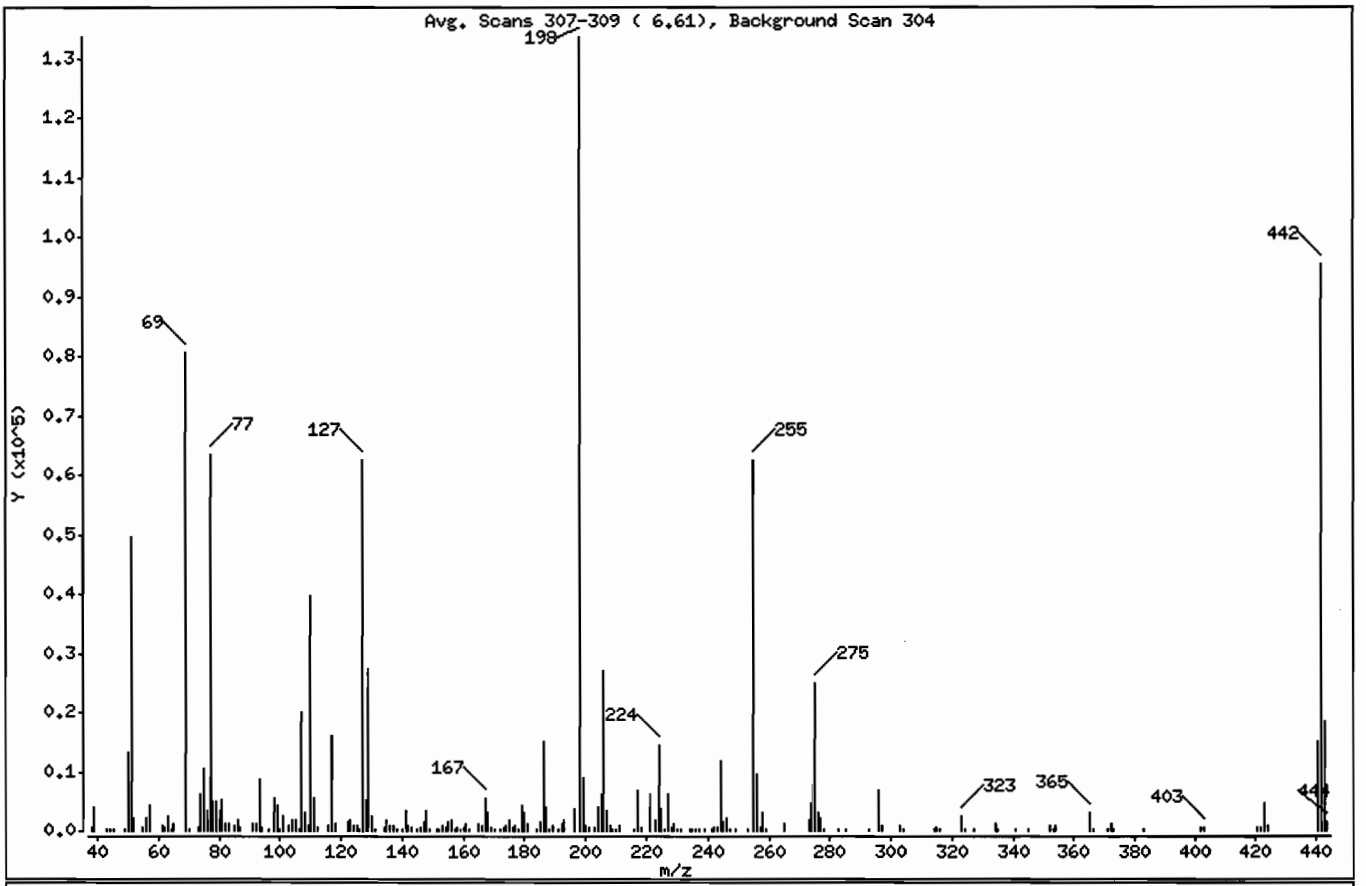
Sample Info:

Operator: djb

Column phase: RTX-5

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	37.15
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	60.38
70	Less than 2.00% of mass 69	0.16 (0.26)
127	40.00 - 60.00% of mass 198	46.72
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.64
275	10.00 - 30.00% of mass 198	18.68
365	Greater than 1.00% of mass 198	2.32
441	Present, but less than mass 443	11.33
442	Greater than 40.00% of mass 198	71.36
443	17.00 - 23.00% of mass 442	13.71 (19.22)

Data File: /chem/P.i/Psvr.p/pafb8270.b/paf05ps.d

Date : 01-OCT-2006 12:11

Client ID: DFTPP

Instrument: P.i

Sample Info:

Operator: djb

Column phase: RTX-5

Column diameter: 0.25

Data File: paf05ps.d

Spectrum: Avg. Scans 307-309 (6.61), Background Scan 304

Location of Maximum: 198.00

Number of points: 205

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	704	116.00	800	179.00	4270	253.00	234
39.00	3855	117.00	15933	180.00	2993	255.00	62424
43.00	181	118.00	1309	181.00	1185	256.00	9493
44.00	419	122.00	1485	184.00	311	257.00	577
45.00	173	123.00	1850	185.00	1469	258.00	3048
49.00	454	124.00	933	186.00	15122	259.00	371
50.00	13257	125.00	813	187.00	4028	265.00	1232
51.00	49656	126.00	221	188.00	214	273.00	1832
52.00	2136	127.00	62440	189.00	833	274.00	4480
55.00	513	128.00	5361	191.00	260	275.00	24968
56.00	2095	129.00	27480	192.00	1262	276.00	3005
57.00	4177	130.00	2436	193.00	1844	277.00	2085
61.00	844	131.00	455	196.00	3726	278.00	227
62.00	747	134.00	671	198.00	133632	283.00	291
63.00	2520	135.00	1995	199.00	8876	285.00	258
64.00	408	136.00	846	200.00	803	293.00	264
65.00	1112	137.00	925	201.00	624	296.00	6657
69.00	80696	138.00	199	203.00	493	297.00	975
70.00	208	140.00	246	204.00	3892	303.00	953
73.00	543	141.00	3343	205.00	6132	304.00	168
74.00	6224	142.00	853	206.00	26984	314.00	270
75.00	10388	143.00	521	207.00	3476	315.00	749
76.00	3349	145.00	179	208.00	923	316.00	322
77.00	63392	146.00	619	209.00	194	323.00	2476
78.00	4776	147.00	1633	210.00	293	324.00	274
79.00	4846	148.00	3343	211.00	952	327.00	335
80.00	3240	149.00	340	216.00	213	334.00	1227
81.00	5303	151.00	221	217.00	6908	335.00	280
82.00	1247	152.00	229	218.00	706	341.00	174
83.00	1325	153.00	845	221.00	6175	345.00	229
85.00	806	154.00	677	223.00	1961	352.00	789
86.00	1758	155.00	1466	224.00	14577	353.00	361
87.00	565	156.00	1715	225.00	3832	354.00	787
91.00	1373	157.00	394	226.00	241	365.00	3106
92.00	1315	158.00	476	227.00	6076	366.00	284

Date : 01-OCT-2006 12:11

Client ID: DFTPP Instrument: P.i

Sample Info:

Operator: djb

Column phase: RTX-5 Column diameter: 0.25

Data File: paf05ps.d
Spectrum: Avg. Scans 307-309 (6.61), Background Scan 304
Location of Maximum: 198.00
Number of points: 205

m/z	Y	m/z	Y	m/z	Y	m/z	Y
93.00	8603	159.00	236	228.00	638	371.00	168
94.00	487	160.00	616	229.00	1134	372.00	1153
96.00	245	161.00	1378	230.00	170	373.00	265
98.00	5635	162.00	280	231.00	362	383.00	226
99.00	4452	165.00	1196	234.00	262	402.00	515
100.00	258	166.00	884	235.00	339	403.00	745
101.00	2607	167.00	5438	236.00	237	421.00	638
103.00	972	168.00	2962	237.00	376	422.00	573
104.00	1779	169.00	603	239.00	214	423.00	4476
105.00	1746	170.00	169	241.00	196	424.00	895
106.00	258	172.00	301	242.00	738	441.00	15140
107.00	20160	173.00	659	243.00	569	442.00	95368
108.00	3147	174.00	958	244.00	11791	443.00	18328
109.00	998	175.00	1949	245.00	1614	444.00	1522
110.00	39680	176.00	597	246.00	2009		
111.00	5616	177.00	994	247.00	375		
112.00	499	178.00	397	249.00	220		

Data File: /chem/P.i/Psvr.p/pafb8270.b/paf05ps.d

Page 1

Date : 01-OCT-2006 12:11

Client ID: DFTPP

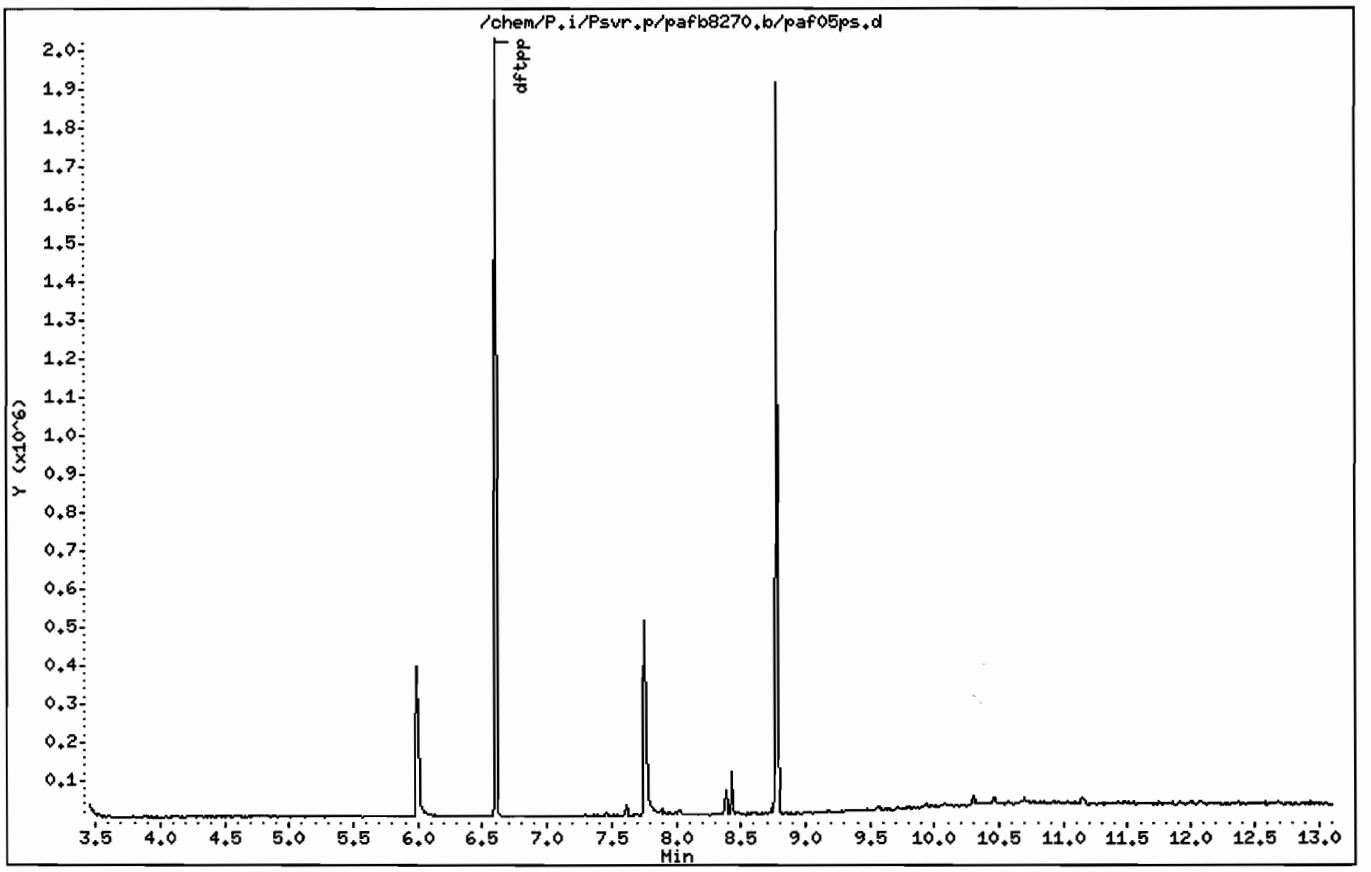
Instrument: P.i

Sample Info:

Operator: djb

Column phase: RTX-5

Column diameter: 0.25



1LCB

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBLK090306D

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: MBLK090306D Date Received: _____

Lab File ID: B0903D Date Extracted: 09/03/06

Sample Volume: 1000.00 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

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

1LCC

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBLK090306D

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: MBLK090306D Date Received: _____

Lab File ID: B0903D Date Extracted: 09/03/06

Sample Volume: 1000.00 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
51-28-5	2,4-Dinitrophenol	20	U
132-64-9	Dibenzofuran	5	U
100-02-7	4-Nitrophenol	20	U
121-14-2	2,4-Dinitrotoluene	5	U
86-73-7	Fluorene	5	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-nitrosodiphenylamine (1)	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
56-55-3	Benzo(a)anthracene	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)phthalate	5	U
117-84-0	Di-n-octylphthalate	5	U
205-99-2	Benzo(b)fluoranthene	5	U
207-08-9	Benzo(k)fluoranthene	5	U
50-32-8	Benzo(a)pyrene	5	U
193-39-5	Indeno(1,2,3-cd)pyrene	5	U
53-70-3	Dibenz(a,h)anthracene	5	U
191-24-2	Benzo(g,h,i)perylene	5	U

(1) - Cannot be separated from Diphenylamine

1LCF

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MBLK090306D

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: MBLK090306D Date Received: _____

Lab File ID: B0903D Date Extracted: 09/03/06

Sample Volume: 1000.00 (mL) Date Analyzed: 09/30/06

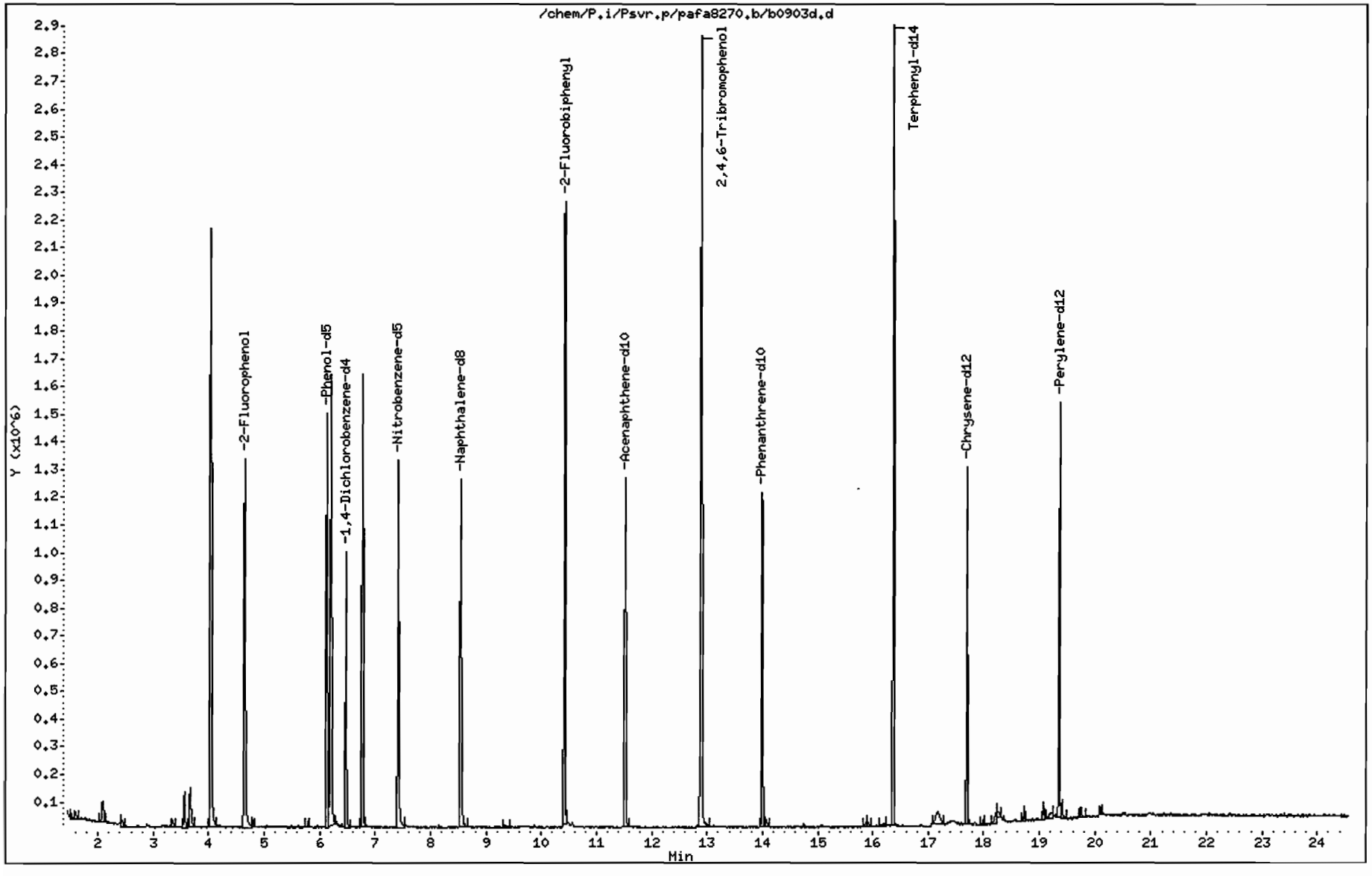
Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

Number TICs found: 1

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC. (ug/L)	Q
1.	123-42-2	2-PENTANONE, 4-HYDROXY-4-MET	4.03	54	NJA
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: /chem/P.i/Psvr.p/pafa8270.b/b0903d.d
Date : 30-SEP-2006 15:10
Client ID: MBLK090306D
Instrument: P.i
Sample Info:
Volume Injected (uL): 1.0
Operator: prp
Column phase: RTx-5
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/b0903d.d
Lab Smp Id: MBLK090306D Client Smp ID: MBLK090306D
Inj Date : 30-SEP-2006 15:10
Operator : prp Inst ID: P.i
Smp Info :
Misc Info : MBLK090306D,0188_MBLK090306D,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 2 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
$	2	2-Fluorophenol	112	4.647	4.630	(0.718)	699406	35.8552	36
$	4	Phenol-d5	99	6.125	6.118	(0.946)	914496	38.3254	38
	5	Phenol	94	Compound Not Detected.					
	6	bis(2-Chloroethyl)Ether	93	Compound Not Detected.					
	8	2-Chlorophenol	128	Compound Not Detected.					
*	10	1,4-Dichlorobenzene-d4	152	6.474	6.467	(1.000)	241991	20.0000	
	15	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	16	2-Methylphenol	108	Compound Not Detected.					
	17	Hexachloroethane	116	Compound Not Detected.					
	18	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	19	4-Methylphenol	108	Compound Not Detected.					
$	20	Nitrobenzene-d5	82	7.408	7.401	(0.868)	738235	36.8445	37
	21	Nitrobenzene	77	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	22 Isophorone	82	Compound Not Detected.					
	23 2-Nitrophenol	139	Compound Not Detected.					
	24 2,4-Dimethylphenol	107	Compound Not Detected.					
	25 bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	26 2,4-Dichlorophenol	162	Compound Not Detected.					
*	29 Naphthalene-d8	136	8.537	8.530	(1.000)	924551	20.0000	
	30 Naphthalene	128	Compound Not Detected.					
	31 4-Chloroaniline	127	Compound Not Detected.					
	32 Hexachlorobutadiene	224	Compound Not Detected.					
	33 4-Chloro-3-Methylphenol	107	Compound Not Detected.					
	34 2-Methylnaphthalene	142	Compound Not Detected.					
	35 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	36 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	37 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	38 2-Fluorobiphenyl	172	10.425	10.418	(0.905)	1170347	33.3722	33
	39 2-Chloronaphthalene	162	Compound Not Detected.					
	40 2-Nitroaniline	65	Compound Not Detected.					
	42 Acenaphthylene	152	Compound Not Detected.					
	41 Dimethylphthalate	163	Compound Not Detected.					
	43 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	44 Acenaphthene-d10	164	11.523	11.516	(1.000)	496259	20.0000	
	45 Acenaphthene	153	Compound Not Detected.					
	46 3-Nitroaniline	138	Compound Not Detected.					
	47 2,4-Dinitrophenol	184	Compound Not Detected.					
	48 Dibenzofuran	168	Compound Not Detected.					
	49 4-Nitrophenol	109	Compound Not Detected.					
	50 2,4-Dinitrotoluene	165	Compound Not Detected.					
	51 Fluorene	166	Compound Not Detected.					
	52 Diethylphthalate	149	Compound Not Detected.					
	53 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	54 4-Nitroaniline	138	Compound Not Detected.					
	55 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	56 N-nitrosodiphenylamine	169	Compound Not Detected.					
$	57 2,4,6-Tribromophenol	330	12.898	12.892	(0.922)	502792	93.3680	93(A)
	58 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	59 Hexachlorobenzene	283	Compound Not Detected.					
	60 Pentachlorophenol	265	Compound Not Detected.					
*	61 Phenanthrene-d10	188	13.986	13.990	(1.000)	691114	20.0000	
	62 Phenanthrene	178	Compound Not Detected.					
	63 Anthracene	178	Compound Not Detected.					
	65 Di-n-butylphthalate	149	Compound Not Detected.					
	66 Fluoranthene	202	Compound Not Detected.					
	67 Pyrene	202	Compound Not Detected.					
$	68 Terphenyl-d14	244	16.367	16.361	(0.925)	1126423	34.0191	34
	69 Butylbenzylphthalate	149	Compound Not Detected.					
	70 Benzo(a)anthracene	228	Compound Not Detected.					
*	71 Chrysene-d12	240	17.691	17.695	(1.000)	605669	20.0000	
	72 3,3'-Dichlorobenzidine	252	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
73	Chrysene	228	Compound Not Detected.					
74	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
75	Di-n-octylphthalate	149	Compound Not Detected.					
76	Benzo(b)fluoranthene	252	Compound Not Detected.					
77	Benzo(k)fluoranthene	252	Compound Not Detected.					
78	Benzo(a)pyrene	252	Compound Not Detected.					
* 79	Perylene-d12	264	19.354	19.357	(1.000)	635270	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
81	Dibenz(a,h)anthracene	278	Compound Not Detected.					
82	Benzo(g,h,i)perylene	276	Compound Not Detected.					

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/P.i/Psvr.p/pafa8270.b/b0903d.d

Date : 30-SEP-2006 15:10

Client ID: MBLK090306D

Sample Info:

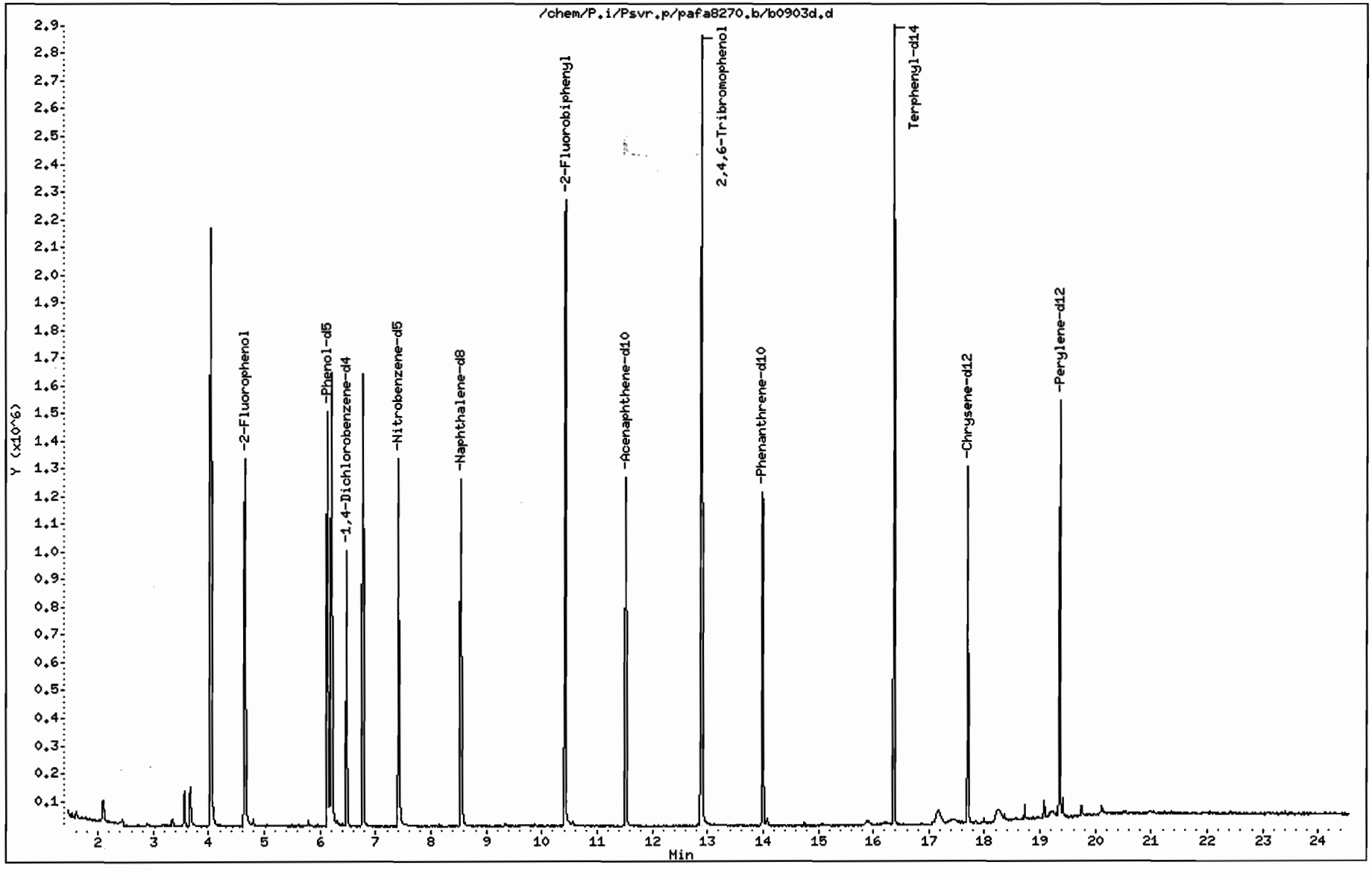
Volume Injected (uL): 1.0

Column phase: RTx-5

Instrument: P.i

Operator: prp

Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/b0903d.d
Lab Smp Id: MBLK090306D Client Smp ID: MBLK090306D
Inj Date : 30-SEP-2006 15:10
Operator : prp Inst ID: P.i
Smp Info :
Misc Info : MBLK090306D,0188_MBLK090306D,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 2 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 10 1,4-Dichlorobenzene-d4	6.474	1443722	20.000

	CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
2-Pentanone, 4-hydroxy-4-methyl-			CAS #: 123-42-2				
4.031	3884934	53.8182974	54	50	NBS75K.1	64274	10

STL Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: P.i
Lab File ID: b0903d.d
Lab Smp Id: MBLK090306D
Analysis Type: SV
Quant Type: ISTD
Operator: prp
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: MBLK090306D,0188_MBLK090306D,1

Calibration Date: 30-SEP-2006
Calibration Time: 14:02
Client Smp ID: MBLK090306D
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	234993	117496	469986	241991	2.98
29 Naphthalene-d8	864971	432486	1729942	924551	6.89
44 Acenaphthene-d10	443503	221752	887006	496259	11.90
61 Phenanthrene-d10	632401	316200	1264802	691114	9.28
71 Chrysene-d12	556585	278292	1113170	605669	8.82
79 Perylene-d12	565792	282896	1131584	635270	12.28

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	6.47	6.14	6.80	6.47	0.11
29 Naphthalene-d8	8.53	8.20	8.86	8.54	0.08
44 Acenaphthene-d10	11.52	11.19	11.85	11.52	0.06
61 Phenanthrene-d10	13.99	13.66	14.32	13.99	-0.02
71 Chrysene-d12	17.69	17.36	18.02	17.69	-0.02
79 Perylene-d12	19.36	19.03	19.69	19.35	-0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

STL Burlington

RECOVERY REPORT

Client Name: STLVT
Client SDG: pafa8270
Sample Matrix: LIQUID
Fraction: SV
Lab Smp Id: MBLK090306D
Client Smp ID: MBLK090306D
Level: LOW
Operator: prp
Data Type: MS DATA
SampleType: BLANK
SpikeList File: OLClcs.spk
Quant Type: ISTD
Sublist File: OLC.sub
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: MBLK090306D,0188_MBLK090306D,1

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 2 2-Fluorophenol	40	36	89.64	15-121
$ 4 Phenol-d5	40	38	95.81	15-115
$ 20 Nitrobenzene-d5	40	37	92.11	23-120
$ 38 2-Fluorobiphenyl	40	33	83.43	30-115
$ 57 2,4,6-Tribromophen	120	93	77.81	15-130
$ 68 Terphenyl-d14	40	34	85.05	18-140

Data File: /chem/P.i/Psvr.p/pafa8270.b/b0903d.d

Date : 30-SEP-2006 15:10

Client ID: MBLK090306D

Instrument: P.i

Sample Info:

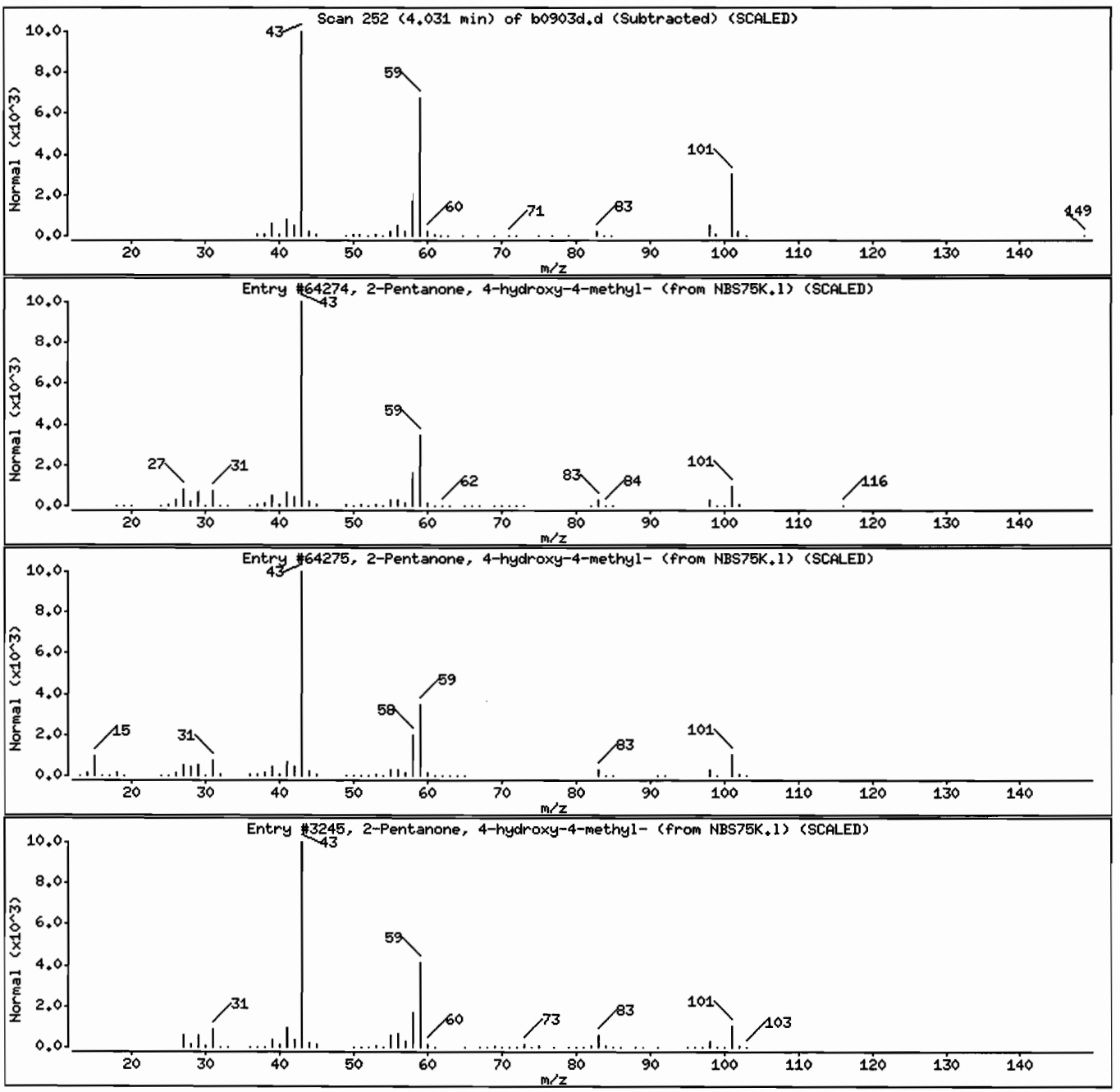
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64274	50	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64275	40	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	3245	33	C6H12O2	116



1LCB

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBLK090506F

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: MBLK090506F Date Received: _____

Lab File ID: B0905F Date Extracted: 09/05/06

Sample Volume: 1000.00 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

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

1LCC

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBLK090506F

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: MBLK090506F Date Received: _____

Lab File ID: B0905F Date Extracted: 09/05/06

Sample Volume: 1000.00 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
51-28-5	2,4-Dinitrophenol	20	U
132-64-9	Dibenzofuran	5	U
100-02-7	4-Nitrophenol	20	U
121-14-2	2,4-Dinitrotoluene	5	U
86-73-7	Fluorene	5	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-nitrosodiphenylamine (1)	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
56-55-3	Benzo(a)anthracene	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)phthalate	5	U
117-84-0	Di-n-octylphthalate	5	U
205-99-2	Benzo(b)fluoranthene	5	U
207-08-9	Benzo(k)fluoranthene	5	U
50-32-8	Benzo(a)pyrene	5	U
193-39-5	Indeno(1,2,3-cd)pyrene	5	U
53-70-3	Dibenz(a,h)anthracene	5	U
191-24-2	Benzo(g,h,i)perylene	5	U

(1) - Cannot be separated from Diphenylamine

1LCF

EPA SAMPLE NO.

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MBLK090506F

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: MBLK090506F Date Received: _____

Lab File ID: B0905F Date Extracted: 09/05/06

Sample Volume: 1000.00 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

Number TICs found: 1

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC. (ug/L)	Q
1.	123-42-2	2-PENTANONE, 4-HYDROXY-4-MET	4.04	18	NJA
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: /chem/P.i/Psvr.p/pafa8270.b/b0905f.d

Date : 30-SEP-2006 20:12

Client ID: MBLK090506F

Sample Info:

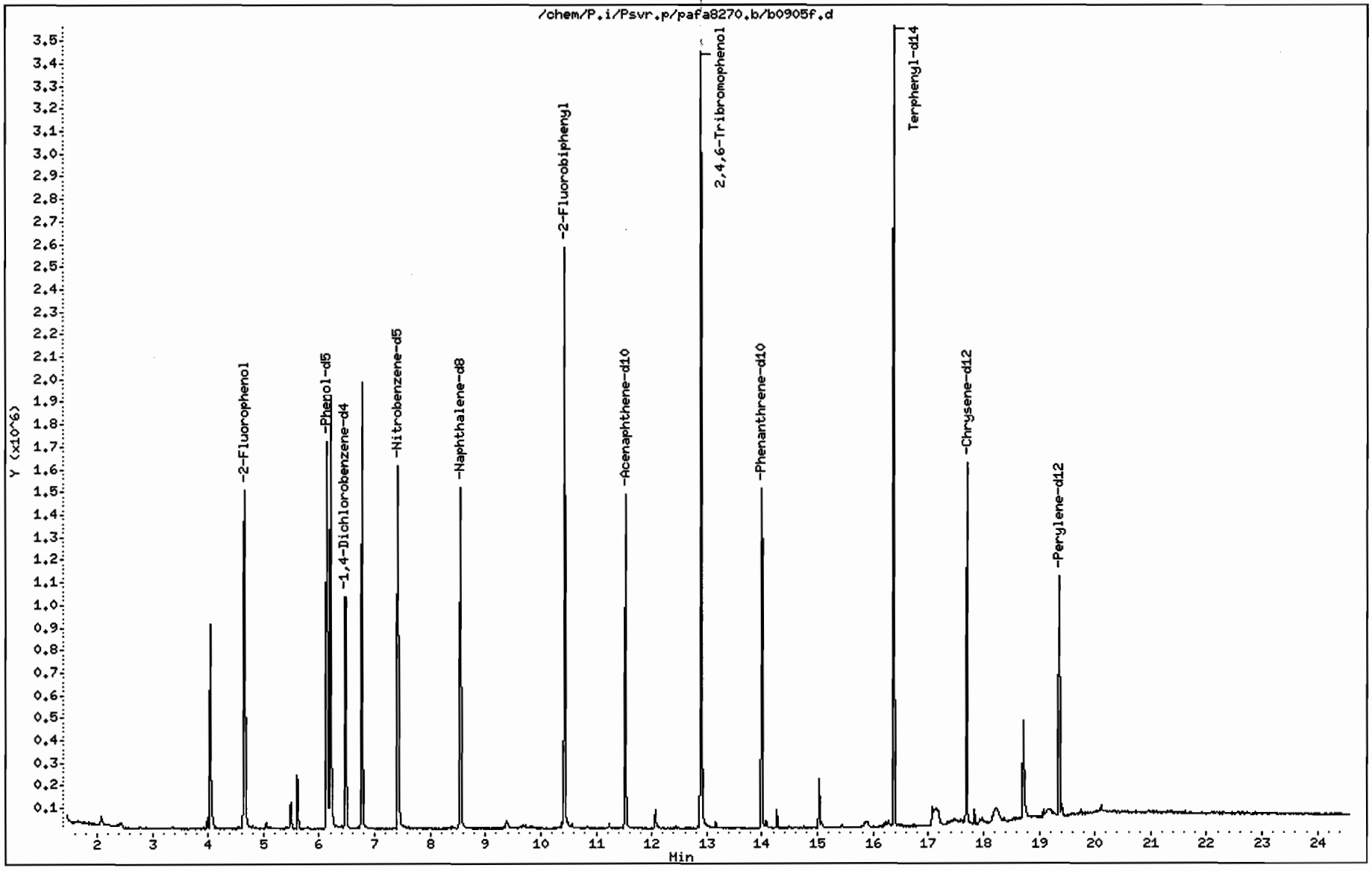
Volume Injected (uL): 1.0

Column phase: RTx-5

Instrument: P.i

Operator: prp

Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/b0905f.d
Lab Smp Id: MBLK090506F Client Smp ID: MBLK090506F
Inj Date : 30-SEP-2006 20:12
Operator : prp Inst ID: P.i
Smp Info :
Misc Info : MBLK090506F,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 11 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
$	2 2-Fluorophenol	112	4.653	4.630	(0.718)	815034	37.0097	37
$	4 Phenol-d5	99	6.131	6.118	(0.946)	1107134	41.0982	41
	5 Phenol	94	Compound Not Detected.					
	6 bis(2-Chloroethyl)Ether	93	Compound Not Detected.					
	8 2-Chlorophenol	128	Compound Not Detected.					
*	10 1,4-Dichlorobenzene-d4	152	6.480	6.467	(1.000)	273201	20.0000	
	15 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	16 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	116	Compound Not Detected.					
	18 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	19 4-Methylphenol	108	Compound Not Detected.					
$	20 Nitrobenzene-d5	82	7.413	7.401	(0.868)	877954	38.2527	38
	21 Nitrobenzene	77	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	22 Isophorone	82	Compound Not Detected.					
	23 2-Nitrophenol	139	Compound Not Detected.					
	24 2,4-Dimethylphenol	107	Compound Not Detected.					
	25 bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	26 2,4-Dichlorophenol	162	Compound Not Detected.					
*	29 Naphthalene-d8	136	8.542	8.530	(1.000)	1059055	20.0000	
	30 Naphthalene	128	Compound Not Detected.					
	31 4-Chloroaniline	127	Compound Not Detected.					
	32 Hexachlorobutadiene	224	Compound Not Detected.					
	33 4-Chloro-3-Methylphenol	107	Compound Not Detected.					
	34 2-Methylnaphthalene	142	Compound Not Detected.					
	35 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	36 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	37 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	38 2-Fluorobiphenyl	172	10.431	10.418	(0.906)	1341273	36.1728	36
	39 2-Chloronaphthalene	162	Compound Not Detected.					
	40 2-Nitroaniline	65	Compound Not Detected.					
	42 Acenaphthylene	152	Compound Not Detected.					
	41 Dimethylphthalate	163	Compound Not Detected.					
	43 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	44 Acenaphthene-d10	164	11.519	11.516	(1.000)	524703	20.0000	
	45 Acenaphthene	153	Compound Not Detected.					
	46 3-Nitroaniline	138	Compound Not Detected.					
	47 2,4-Dinitrophenol	184	Compound Not Detected.					
	48 Dibenzofuran	168	Compound Not Detected.					
	49 4-Nitrophenol	109	Compound Not Detected.					
	50 2,4-Dinitrotoluene	165	Compound Not Detected.					
	51 Fluorene	166	Compound Not Detected.					
	52 Diethylphthalate	149	Compound Not Detected.					
	53 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	54 4-Nitroaniline	138	Compound Not Detected.					
	55 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	56 N-nitrosodiphenylamine	169	Compound Not Detected.					
$	57 2,4,6-Tribromophenol	330	12.904	12.892	(0.922)	610000	102.979	100(A)
	58 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	59 Hexachlorobenzene	283	Compound Not Detected.					
	60 Pentachlorophenol	265	Compound Not Detected.					
*	61 Phenanthrene-d10	188	13.992	13.990	(1.000)	760222	20.0000	
	62 Phenanthrene	178	Compound Not Detected.					
	63 Anthracene	178	Compound Not Detected.					
	65 Di-n-butylphthalate	149	Compound Not Detected.					
	66 Fluoranthene	202	Compound Not Detected.					
	67 Pyrene	202	Compound Not Detected.					
$	68 Terphenyl-d14	244	16.373	16.361	(0.925)	1315935	38.1368	38
	69 Butylbenzylphthalate	149	Compound Not Detected.					
	70 Benzo(a)anthracene	228	Compound Not Detected.					
*	71 Chrysene-d12	240	17.697	17.695	(1.000)	631171	20.0000	
	72 3,3'-Dichlorobenzidine	252	Compound Not Detected.					

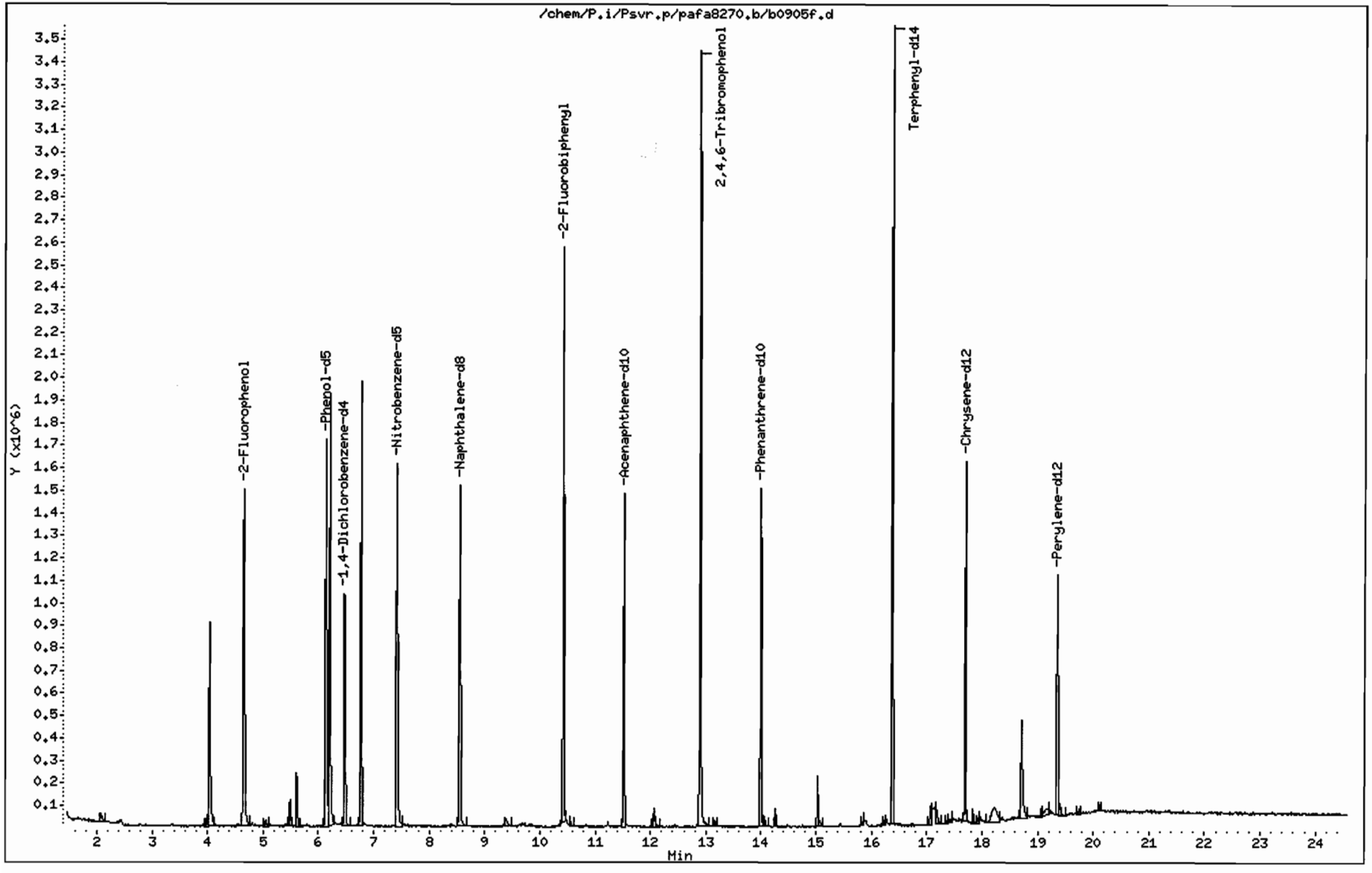
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
73	Chrysene	228	Compound Not Detected.					
74	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
75	Di-n-octylphthalate	149	Compound Not Detected.					
76	Benzo(b)fluoranthene	252	Compound Not Detected.					
77	Benzo(k)fluoranthene	252	Compound Not Detected.					
78	Benzo(a)pyrene	252	Compound Not Detected.					
* 79	Perylene-d12	264	19.360	19.357	(1.000)	542963	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
81	Dibenz(a,h)anthracene	278	Compound Not Detected.					
82	Benzo(g,h,i)perylene	276	Compound Not Detected.					

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/P.i/Psvr.p/pafa8270.b/b0905f.d
Date : 30-SEP-2006 20:12
Client ID: MBLK090506F
Sample Info:
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: prp
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/b0905f.d
Lab Smp Id: MBLK090506F Client Smp ID: MBLK090506F
Inj Date : 30-SEP-2006 20:12
Operator : prp Inst ID: P.i
Smp Info :
Misc Info : MBLK090506F,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 11 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 10 1,4-Dichlorobenzene-d4	6.480	1674543	20.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
2-Pentanone, 4-hydroxy-4-methyl-			CAS #: 123-42-2				
4.037	1495155	17.8574586	18	59	NBS75K.1	64274	10

STL Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: P.i
Lab File ID: b0905f.d
Lab Smp Id: MBLK090506F
Analysis Type: SV
Quant Type: ISTD
Operator: prp
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: MBLK090506F,0188_MBLK090506F,1

Calibration Date: 30-SEP-2006
Calibration Time: 14:02
Client Smp ID: MBLK090506F
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	234993	117496	469986	273201	16.26
29 Naphthalene-d8	864971	432486	1729942	1059055	22.44
44 Acenaphthene-d10	443503	221752	887006	524703	18.31
61 Phenanthrene-d10	632401	316200	1264802	760222	20.21
71 Chrysene-d12	556585	278292	1113170	631171	13.40
79 Perylene-d12	565792	282896	1131584	542963	-4.03

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	6.47	6.14	6.80	6.48	0.19
29 Naphthalene-d8	8.53	8.20	8.86	8.54	0.15
44 Acenaphthene-d10	11.52	11.19	11.85	11.52	0.02
61 Phenanthrene-d10	13.99	13.66	14.32	13.99	0.02
71 Chrysene-d12	17.69	17.36	18.02	17.70	0.01
79 Perylene-d12	19.36	19.03	19.69	19.36	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

STL Burlington

RECOVERY REPORT

Client Name: STLVT
Client SDG: pafa8270
Sample Matrix: LIQUID
Fraction: SV
Lab Smp Id: MBLK090506F
Client Smp ID: MBLK090506F
Level: LOW
Operator: prp
Data Type: MS DATA
SampleType: BLANK
SpikeList File: OLClcs.spk
Quant Type: ISTD
Sublist File: OLC.sub
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: MBLK090506F,0188_MBLK090506F,1

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 2 2-Fluorophenol	40	37	92.52	15-121
$ 4 Phenol-d5	40	41	102.75	15-115
$ 20 Nitrobenzene-d5	40	38	95.63	23-120
$ 38 2-Fluorobiphenyl	40	36	90.43	30-115
$ 57 2,4,6-Tribromophen	120	100	85.82	15-130
$ 68 Terphenyl-d14	40	38	95.34	18-140

Data File: /chem/P.i/Psvr.p/pafa8270.b/b0905f.d

Date : 30-SEP-2006 20:12

Client ID: MBLK090506F

Instrument: P.i

Sample Info:

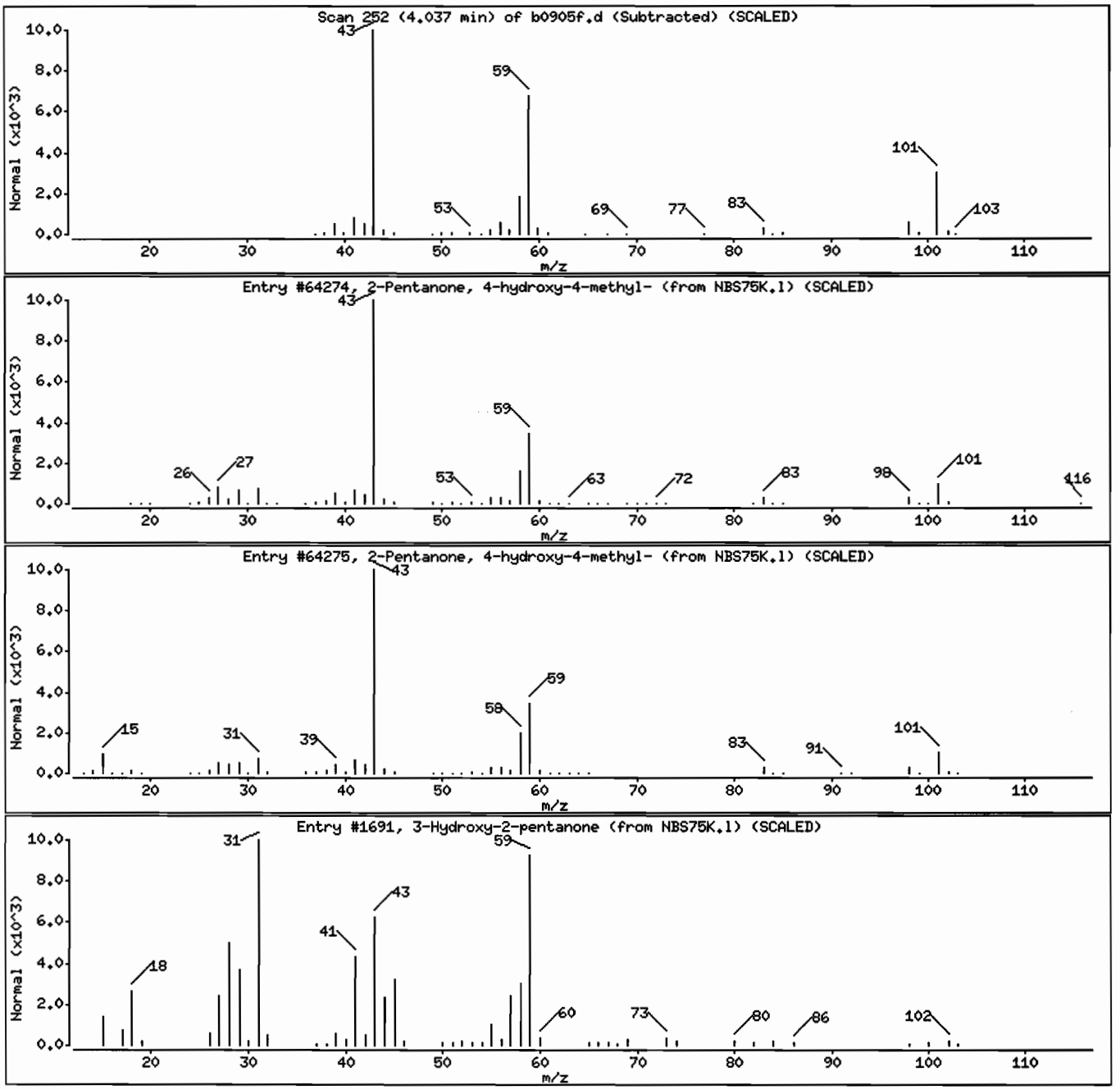
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64274	59	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64275	39	C6H12O2	116
3-Hydroxy-2-pentanone	3142-66-3	NBS75K.l	1691	17	C5H10O2	102



1LCB

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3DMS

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681560MS Date Received: 09/01/06

Lab File ID: 681560M Date Extracted: 09/03/06

Sample Volume: 900.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
108-95-2	Phenol	38	
111-44-4	bis(2-Chloroethyl)Ether	19	
95-57-8	2-Chlorophenol	38	
108-60-1	2,2'-oxybis(1-Chloropropane)	6	U
95-48-7	2-Methylphenol	6	U
67-72-1	Hexachloroethane	19	
621-64-7	N-Nitroso-di-n-propylamine	20	
106-44-5	4-Methylphenol	6	U
98-95-3	Nitrobenzene	6	U
78-59-1	Isophorone	19	
88-75-5	2-Nitrophenol	6	U
105-67-9	2,4-Dimethylphenol	6	U
111-91-1	bis(2-Chloroethoxy)methane	6	U
120-83-2	2,4-Dichlorophenol	6	U
91-20-3	Naphthalene	20	
106-47-8	4-Chloroaniline	2	J
87-68-3	Hexachlorobutadiene	6	U
59-50-7	4-Chloro-3-Methylphenol	6	U
91-57-6	2-Methylnaphthalene	6	U
77-47-4	Hexachlorocyclopentadiene	6	U
88-06-2	2,4,6-Trichlorophenol	43	
95-95-4	2,4,5-Trichlorophenol	22	U
91-58-7	2-Chloronaphthalene	6	U
88-74-4	2-Nitroaniline	22	U
131-11-3	Dimethylphthalate	6	U
208-96-8	Acenaphthylene	6	U
606-20-2	2,6-Dinitrotoluene	6	U
83-32-9	Acenaphthene	6	U
99-09-2	3-Nitroaniline	22	U

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3DMS

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681560MS Date Received: 09/01/06

Lab File ID: 681560M Date Extracted: 09/03/06

Sample Volume: 900.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

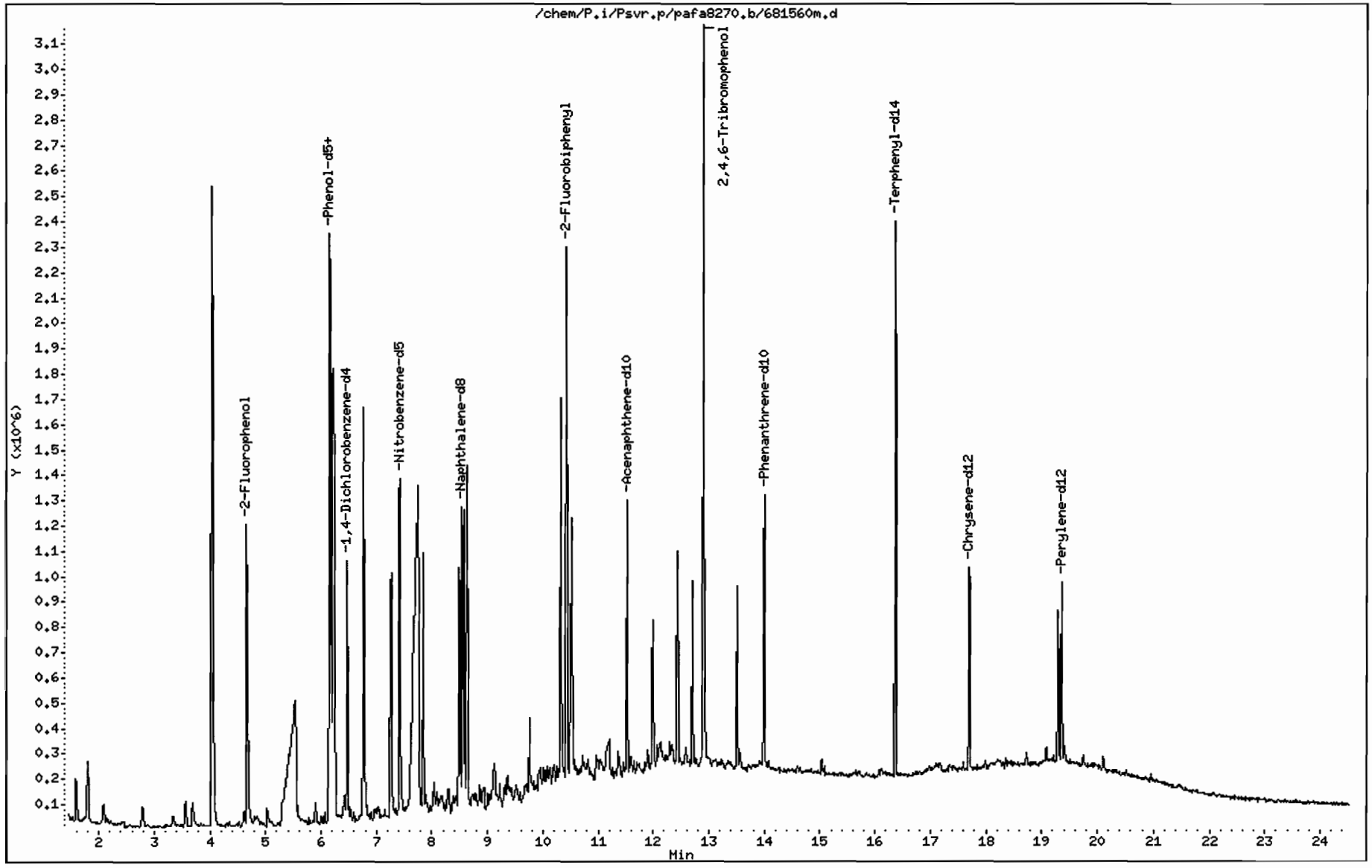
Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
51-28-5	2,4-Dinitrophenol	22	U
132-64-9	Dibenzofuran	6	U
100-02-7	4-Nitrophenol	22	U
121-14-2	2,4-Dinitrotoluene	18	
86-73-7	Fluorene	6	U
84-66-2	Diethylphthalate	21	
7005-72-3	4-Chlorophenyl-phenylether	6	U
100-01-6	4-Nitroaniline	22	U
534-52-1	4,6-Dinitro-2-methylphenol	22	U
86-30-6	N-nitrosodiphenylamine (1)	18	
101-55-3	4-Bromophenyl-phenylether	6	U
118-74-1	Hexachlorobenzene	20	
87-86-5	Pentachlorophenol	22	U
85-01-8	Phenanthrene	6	U
120-12-7	Anthracene	6	U
84-74-2	Di-n-butylphthalate	6	U
206-44-0	Fluoranthene	6	U
129-00-0	Pyrene	6	U
85-68-7	Butylbenzylphthalate	6	U
56-55-3	Benzo(a)anthracene	6	U
91-94-1	3,3'-Dichlorobenzidine	6	U
218-01-9	Chrysene	6	U
117-81-7	bis(2-Ethylhexyl)phthalate	6	U
117-84-0	Di-n-octylphthalate	6	U
205-99-2	Benzo(b)fluoranthene	6	U
207-08-9	Benzo(k)fluoranthene	6	U
50-32-8	Benzo(a)pyrene	17	
193-39-5	Indeno(1,2,3-cd)pyrene	6	U
53-70-3	Dibenz(a,h)anthracene	6	U
191-24-2	Benzo(g,h,i)perylene	6	U

(1) - Cannot be separated from Diphenylamine

Data File: /chem/P.i/Psvr.p/pafa8270.b/681560m.d
Date : 30-SEP-2006 16:51
Client ID: MW-3DMS
Sample Info: MW-3DMS :[MS]08/29/06 @1525(WATER)
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: prp
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681560m.d
Lab Smp Id: 681560MS Client Smp ID: MW-3DMS
Inj Date : 30-SEP-2006 16:51
Operator : prp Inst ID: P.i
Smp Info : MW-3DMS :[MS]08/29/06 @1525(WATER)
Misc Info : 681560MS,0188_MBLK090306D,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 5 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	900.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
$	2	2-Fluorophenol	112	4.658	4.630	(0.719)	687325	35.5023	39
$	4	Phenol-d5	99	6.146	6.118	(0.949)	832732	35.1627	39
	5	Phenol	94	6.167	6.139	(0.952)	833285	34.1755	38
	6	bis(2-Chloroethyl)Ether	93	6.157	6.149	(0.951)	332229	16.9930	19
	8	2-Chlorophenol	128	6.229	6.210	(0.962)	675361	33.9602	38
*	10	1,4-Dichlorobenzene-d4	152	6.475	6.467	(1.000)	240175	20.0000	
	15	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	16	2-Methylphenol	108	Compound Not Detected.					
	17	Hexachloroethane	117	7.265	7.257	(1.122)	147603	17.1641	19
	18	N-Nitroso-di-n-propylamine	70	7.245	7.247	(1.119)	236772	18.1175	20
	19	4-Methylphenol	108	Compound Not Detected.					
$	20	Nitrobenzene-d5	82	7.419	7.401	(0.869)	679689	36.8742	41
	21	Nitrobenzene	77	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	22 Isophorone	82	7.840	7.832	(0.918)	570192	17.3211	19
	23 2-Nitrophenol	139	Compound Not Detected.					
	24 2,4-Dimethylphenol	107	Compound Not Detected.					
	25 bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	26 2,4-Dichlorophenol	162	Compound Not Detected.					
*	29 Naphthalene-d8	136	8.538	8.530	(1.000)	850545	20.0000	
	30 Naphthalene	128	8.579	8.561	(1.005)	864015	17.7648	20
	31 4-Chloroaniline	127	8.794	8.745	(1.030)	31738	1.61852	2(aRMH)
	32 Hexachlorobutadiene	224	Compound Not Detected.					
	33 4-Chloro-3-Methylphenol	107	Compound Not Detected.					
	34 2-Methylnaphthalene	142	Compound Not Detected.					
	35 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	36 2,4,6-Trichlorophenol	196	10.324	10.305	(0.896)	324405	38.7919	43
	37 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	38 2-Fluorobiphenyl	172	10.426	10.418	(0.905)	996362	35.3094	39
	39 2-Chloronaphthalene	162	Compound Not Detected.					
	40 2-Nitroaniline	65	Compound Not Detected.					
	42 Acenaphthylene	152	Compound Not Detected.					
	41 Dimethylphthalate	163	Compound Not Detected.					
	43 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	44 Acenaphthene-d10	164	11.524	11.516	(1.000)	399305	20.0000	
	45 Acenaphthene	153	Compound Not Detected.					
	46 3-Nitroaniline	138	Compound Not Detected.					
	47 2,4-Dinitrophenol	184	Compound Not Detected.					
	48 Dibenzofuran	168	Compound Not Detected.					
	49 4-Nitrophenol	109	Compound Not Detected.					
	50 2,4-Dinitrotoluene	165	11.986	11.978	(1.040)	157759	16.5710	18
	51 Fluorene	166	Compound Not Detected.					
	52 Diethylphthalate	149	12.438	12.430	(1.079)	495707	18.7483	21
	53 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	54 4-Nitroaniline	138	Compound Not Detected.					
	55 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	56 N-nitrosodiphenylamine	169	12.705	12.697	(0.908)	277894	16.3163	18
$	57 2,4,6-Tribromophenol	330	12.900	12.892	(0.922)	485330	117.232	130(A)
	58 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	59 Hexachlorobenzene	284	13.515	13.507	(0.966)	159215	18.3035	20
	60 Pentachlorophenol	265	Compound Not Detected.					
*	61 Phenanthrene-d10	188	13.998	13.990	(1.000)	531311	20.0000	
	62 Phenanthrene	178	Compound Not Detected.					
	63 Anthracene	178	Compound Not Detected.					
	65 Di-n-butylphthalate	149	Compound Not Detected.					
	66 Fluoranthene	202	Compound Not Detected.					
	67 Pyrene	202	Compound Not Detected.					
$	68 Terphenyl-d14	244	16.368	16.361	(0.925)	841723	41.0781	46
	69 Butylbenzylphthalate	149	Compound Not Detected.					
	70 Benzo(a)anthracene	228	Compound Not Detected.					
*	71 Chrysene-d12	240	17.703	17.695	(1.000)	374814	20.0000	
	72 3,3'-Dichlorobenzidine	252	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
73	Chrysene	228	Compound Not Detected.					
74	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
75	Di-n-octylphthalate	149	Compound Not Detected.					
76	Benzo(b)fluoranthene	252	Compound Not Detected.					
77	Benzo(k)fluoranthene	252	Compound Not Detected.					
78	Benzo(a)pyrene	252	19.293	19.296	(0.997)	288537	15.2288	17
* 79	Perylene-d12	264	19.355	19.357	(1.000)	274006	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
81	Dibenz(a,h)anthracene	278	Compound Not Detected.					
82	Benzo(g,h,i)perylene	276	Compound Not Detected.					

QC Flag Legend

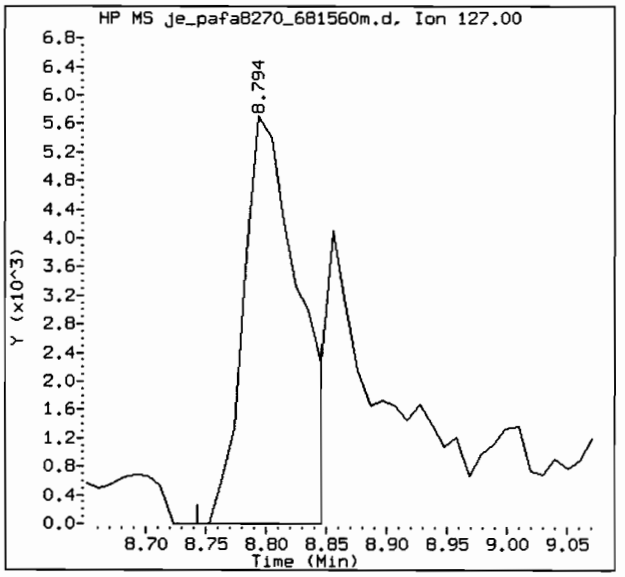
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

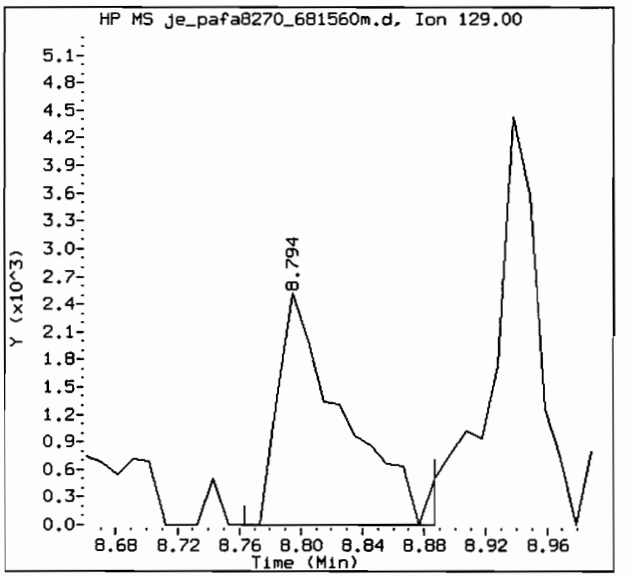
MANUAL INTEGRATION REPORT

Data File Name: 681560m.d
Client Sample ID: MW-3DMS
Compound Name: 4-Chloroaniline

Inj. Date and Time: 30-SEP-2006 16:51
Instrument ID: P.i
CAS #: 106-47-8

Target Version: Target 3.50
Report Version: 1.1
Report Date: 10/02/2006 13:48

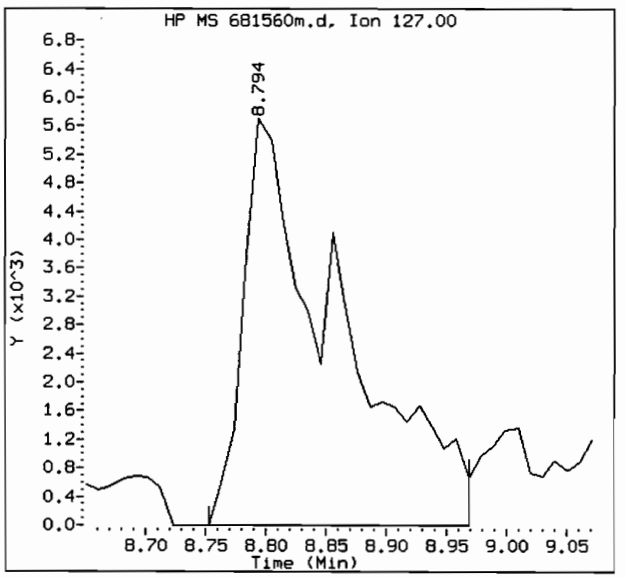


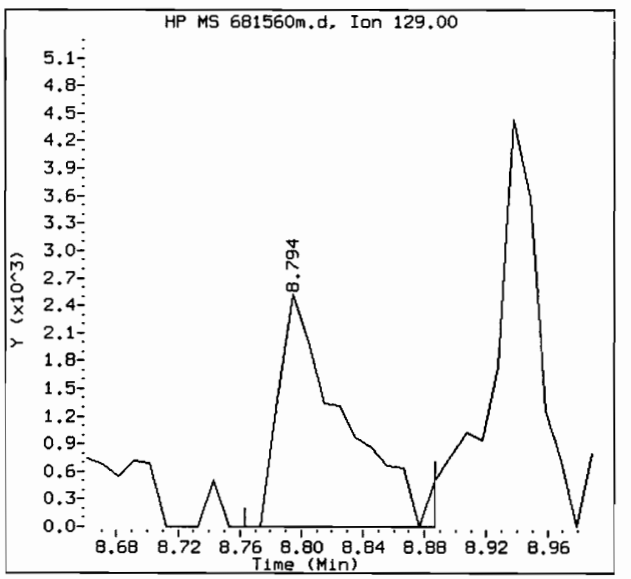


Original Integrations:

Area = 18292

Area = 7512





Final Integrations:

Area = 31738

Area = 7512

Manual Integration Reason: M2 - Mis-identification of peak

STL Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: P.i
Lab File ID: 681560m.d
Lab Smp Id: 681560MS
Analysis Type: SV
Quant Type: ISTD
Operator: prp
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681560MS,0188_MBLK090306D,1

Calibration Date: 30-SEP-2006
Calibration Time: 14:02
Client Smp ID: MW-3DMS
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF	
10 1,4-Dichlorobenze	234993	117496	469986	240175	2.21	
29 Naphthalene-d8	864971	432486	1729942	850545	-1.67	
44 Acenaphthene-d10	443503	221752	887006	399305	-9.97	
61 Phenanthrene-d10	632401	316200	1264802	531311	-15.99	
71 Chrysene-d12	556585	278292	1113170	374814	-32.66	
79 Perylene-d12	565792	282896	1131584	274006	-51.57	<

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	6.47	6.14	6.80	6.47	0.12
29 Naphthalene-d8	8.53	8.20	8.86	8.54	0.09
44 Acenaphthene-d10	11.52	11.19	11.85	11.52	0.07
61 Phenanthrene-d10	13.99	13.66	14.32	14.00	0.06
71 Chrysene-d12	17.69	17.36	18.02	17.70	0.04
79 Perylene-d12	19.36	19.03	19.69	19.35	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

STL Burlington

RECOVERY REPORT

Client Name: STLCTS
Sample Matrix: LIQUID
Lab Smp Id: 681560MS
Level: LOW
Data Type: MS DATA
SpikeList File: OLClcs.spk
Sublist File: OLC.sub
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681560MS,0188_MBLK090306D,1

Client SDG: 213609
Fraction: SV
Client Smp ID: MW-3DMS
Operator: prp
SampleType: MS
Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
5 Phenol	44	38	85.44	40-120
6 bis(2-Chloroethyl)	22	19	84.97	50-110
8 2-Chlorophenol	44	38	84.90	50-110
18 N-Nitroso-di-n-pro	22	20	90.59	30-110
17 Hexachloroethane	22	19	85.82	20-110
22 Isophorone	22	19	86.61	50-110
30 Naphthalene	22	20	88.82	30-110
31 4-Chloroaniline	44	2	4.05*	10-120
36 2,4,6-Trichlorophe	44	43	96.98	40-120
50 2,4-Dinitrotoluene	22	18	82.85	30-120
52 Diethylphthalate	22	21	93.74	50-120
56 N-nitrosodiphenyla	22	18	81.58	30-110
59 Hexachlorobenzene	22	20	91.52	40-120
78 Benzo(a)pyrene	22	17	76.14	50-120

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 2 2-Fluorophenol	44	39	88.76	15-121
$ 4 Phenol-d5	44	39	87.91	15-115
$ 20 Nitrobenzene-d5	44	41	92.19	23-120
$ 38 2-Fluorobiphenyl	44	39	88.27	30-115
$ 57 2,4,6-Tribromophen	130	130	97.69	15-130
$ 68 Terphenyl-d14	44	46	102.70	18-140

1LCB

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3DMSD

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681560MD Date Received: 09/01/06

Lab File ID: 681560S Date Extracted: 09/03/06

Sample Volume: 910.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
108-95-2	Phenol	39	
111-44-4	bis(2-Chloroethyl)Ether	20	
95-57-8	2-Chlorophenol	40	
108-60-1	2,2'-oxybis(1-Chloropropane)	5	U
95-48-7	2-Methylphenol	5	U
67-72-1	Hexachloroethane	19	
621-64-7	N-Nitroso-di-n-propylamine	21	
106-44-5	4-Methylphenol	5	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	20	
88-75-5	2-Nitrophenol	5	U
105-67-9	2,4-Dimethylphenol	5	U
111-91-1	bis(2-Chloroethoxy)methane	5	U
120-83-2	2,4-Dichlorophenol	5	U
91-20-3	Naphthalene	20	
106-47-8	4-Chloroaniline	3	J
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-Methylphenol	5	U
91-57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2,4,6-Trichlorophenol	48	
95-95-4	2,4,5-Trichlorophenol	22	U
91-58-7	2-Chloronaphthalene	5	U
88-74-4	2-Nitroaniline	22	U
131-11-3	Dimethylphthalate	5	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	5	U
83-32-9	Acenaphthene	5	U
99-09-2	3-Nitroaniline	22	U

1LCC

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3DMSD

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: 681560MD Date Received: 09/01/06

Lab File ID: 681560S Date Extracted: 09/03/06

Sample Volume: 910.000 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

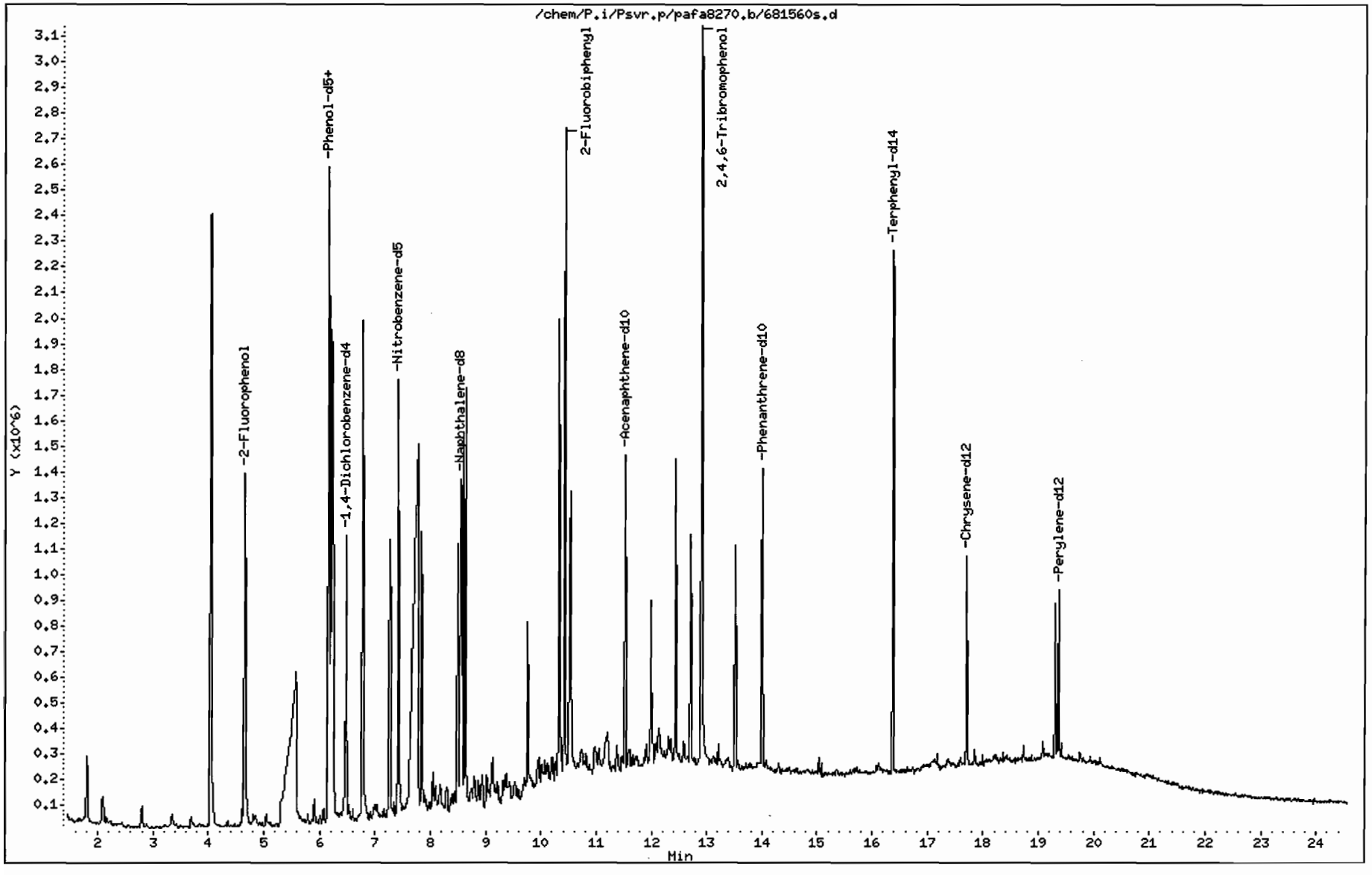
Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
51-28-5	2,4-Dinitrophenol	22	U
132-64-9	Dibenzofuran	5	U
100-02-7	4-Nitrophenol	22	U
121-14-2	2,4-Dinitrotoluene	21	
86-73-7	Fluorene	5	U
84-66-2	Diethylphthalate	23	
7005-72-3	4-Chlorophenyl-phenylether	5	U
100-01-6	4-Nitroaniline	22	U
534-52-1	4,6-Dinitro-2-methylphenol	22	U
86-30-6	N-nitrosodiphenylamine (1)	21	
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	22	
87-86-5	Pentachlorophenol	22	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
56-55-3	Benzo(a)anthracene	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)phthalate	5	U
117-84-0	Di-n-octylphthalate	5	U
205-99-2	Benzo(b)fluoranthene	5	U
207-08-9	Benzo(k)fluoranthene	5	U
50-32-8	Benzo(a)pyrene	18	
193-39-5	Indeno(1,2,3-cd)pyrene	5	U
53-70-3	Dibenz(a,h)anthracene	5	U
191-24-2	Benzo(g,h,i)perylene	5	U

(1) - Cannot be separated from Diphenylamine

Data File: /chem/P.i/Psvr.p/pafa8270.b/681560s.d
Date : 30-SEP-2006 17:25
Client ID: MW-3DMSD
Sample Info: MW-3DMSD :[MSD]08/29/06 @1525(WATER)
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: prp
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/681560s.d
Lab Smp Id: 681560MD Client Smp ID: MW-3DMSD
Inj Date : 30-SEP-2006 17:25
Operator : prp Inst ID: P.i
Smp Info : MW-3DMSD :[MSD]08/29/06 @1525(WATER)
Misc Info : 681560MSD,0188_MBLK090306D,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 6 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	910.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
$	2 2-Fluorophenol	112	4.659	4.630	(0.719)	759110	37.8585	42
$	4 Phenol-d5	99	6.157	6.118	(0.951)	932542	38.0198	42
	5 Phenol	94	6.167	6.139	(0.952)	907166	35.9230	39
	6 bis(2-Chloroethyl)Ether	93	6.167	6.149	(0.952)	369010	18.2237	20
	8 2-Chlorophenol	128	6.239	6.210	(0.964)	748648	36.3477	40
*	10 1,4-Dichlorobenzene-d4	152	6.475	6.467	(1.000)	248750	20.0000	
	15 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	16 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	7.266	7.257	(1.122)	151896	17.0544	19
	18 N-Nitroso-di-n-propylamine	70	7.255	7.247	(1.120)	257538	19.0272	21
	19 4-Methylphenol	108	Compound Not Detected.					
$	20 Nitrobenzene-d5	82	7.420	7.401	(0.868)	764628	39.3900	43
	21 Nitrobenzene	77	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	22 Isophorone	82	7.840	7.832	(0.917)	629731	18.1649	20
	23 2-Nitrophenol	139	Compound Not Detected.					
	24 2,4-Dimethylphenol	107	Compound Not Detected.					
	25 bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	26 2,4-Dichlorophenol	162	Compound Not Detected.					
*	29 Naphthalene-d8	136	8.548	8.530	(1.000)	895722	20.0000	
	30 Naphthalene	128	8.579	8.561	(1.004)	954161	18.6288	20
	31 4-Chloroaniline	127	8.795	8.745	(1.029)	59170	2.86526	3(aR)
	32 Hexachlorobutadiene	224	Compound Not Detected.					
	33 4-Chloro-3-Methylphenol	107	Compound Not Detected.					
	34 2-Methylnaphthalene	142	Compound Not Detected.					
	35 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	36 2,4,6-Trichlorophenol	196	10.324	10.305	(0.896)	368292	43.5123	48
	37 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	38 2-Fluorobiphenyl	172	10.427	10.418	(0.905)	1086949	38.0583	42
	39 2-Chloronaphthalene	162	Compound Not Detected.					
	40 2-Nitroaniline	65	Compound Not Detected.					
	42 Acenaphthylene	152	Compound Not Detected.					
	41 Dimethylphthalate	163	Compound Not Detected.					
	43 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	44 Acenaphthene-d10	164	11.525	11.516	(1.000)	404146	20.0000	
	45 Acenaphthene	153	Compound Not Detected.					
	46 3-Nitroaniline	138	Compound Not Detected.					
	47 2,4-Dinitrophenol	184	Compound Not Detected.					
	48 Dibenzofuran	168	Compound Not Detected.					
	49 4-Nitrophenol	109	Compound Not Detected.					
	50 2,4-Dinitrotoluene	165	11.987	11.978	(1.040)	181632	18.8501	21
	51 Fluorene	166	Compound Not Detected.					
	52 Diethylphthalate	149	12.438	12.430	(1.079)	562930	21.0357	23
	53 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	54 4-Nitroaniline	138	Compound Not Detected.					
	55 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	56 N-nitrosodiphenylamine	169	12.705	12.697	(0.908)	332655	18.8676	21
$	57 2,4,6-Tribromophenol	330	12.910	12.892	(0.922)	541679	126.396	140(A)
	58 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	59 Hexachlorobenzene	284	13.516	13.507	(0.966)	179284	19.9101	22
	60 Pentachlorophenol	265	Compound Not Detected.					
*	61 Phenanthrene-d10	188	13.998	13.990	(1.000)	550007	20.0000	
	62 Phenanthrene	178	Compound Not Detected.					
	63 Anthracene	178	Compound Not Detected.					
	65 Di-n-butylphthalate	149	Compound Not Detected.					
	66 Fluoranthene	202	Compound Not Detected.					
	67 Pyrene	202	Compound Not Detected.					
$	68 Terphenyl-d14	244	16.379	16.361	(0.925)	902472	46.0236	51
	69 Butylbenzylphthalate	149	Compound Not Detected.					
	70 Benzo(a)anthracene	228	Compound Not Detected.					
*	71 Chrysene-d12	240	17.703	17.695	(1.000)	358682	20.0000	
	72 3,3'-Dichlorobenzidine	252	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
73	Chrysene	228	Compound Not Detected.					
74	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
75	Di-n-octylphthalate	149	Compound Not Detected.					
76	Benzo(b)fluoranthene	252	Compound Not Detected.					
77	Benzo(k)fluoranthene	252	Compound Not Detected.					
78	Benzo(a)pyrene	252	19.294	19.296	(0.997)	300834	16.2724	18
* 79	Perylene-d12	264	19.355	19.357	(1.000)	267361	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
81	Dibenz(a,h)anthracene	278	Compound Not Detected.					
82	Benzo(g,h,i)perylene	276	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

STL Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: P.i
Lab File ID: 681560s.d
Lab Smp Id: 681560MD
Analysis Type: SV
Quant Type: ISTD
Operator: prp
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681560MSD,0188_MBLK090306D,1

Calibration Date: 30-SEP-2006
Calibration Time: 14:02
Client Smp ID: MW-3DMSD
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF	
10 1,4-Dichlorobenze	234993	117496	469986	248750	5.85	
29 Naphthalene-d8	864971	432486	1729942	895722	3.56	
44 Acenaphthene-d10	443503	221752	887006	404146	-8.87	
61 Phenanthrene-d10	632401	316200	1264802	550007	-13.03	
71 Chrysene-d12	556585	278292	1113170	358682	-35.56	
79 Perylene-d12	565792	282896	1131584	267361	-52.75	<

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	6.47	6.14	6.80	6.48	0.13
29 Naphthalene-d8	8.53	8.20	8.86	8.55	0.22
44 Acenaphthene-d10	11.52	11.19	11.85	11.52	0.07
61 Phenanthrene-d10	13.99	13.66	14.32	14.00	0.06
71 Chrysene-d12	17.69	17.36	18.02	17.70	0.05
79 Perylene-d12	19.36	19.03	19.69	19.36	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

STL Burlington

RECOVERY REPORT

Client Name: STLCTS
Sample Matrix: LIQUID
Lab Smp Id: 681560MD
Level: LOW
Data Type: MS DATA
SpikeList File: OLClcs.spk
Sublist File: OLC.sub
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: 681560MSD,0188_MBLK090306D,1

Client SDG: 213609
Fraction: SV
Client Smp ID: MW-3DMSD
Operator: prp
SampleType: MSD
Quant Type: ISTD

	SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
5	Phenol	44	39	89.81	40-120
6	bis(2-Chloroethyl)	22	20	91.12	50-110
8	2-Chlorophenol	44	40	90.87	50-110
18	N-Nitroso-di-n-pro	22	21	95.14	30-110
17	Hexachloroethane	22	19	85.27	20-110
22	Isophorone	22	20	90.82	50-110
30	Naphthalene	22	20	93.14	30-110
31	4-Chloroaniline	44	3	7.16*	10-120
36	2,4,6-Trichlorophe	44	48	108.78	40-120
50	2,4-Dinitrotoluene	22	21	94.25	30-120
52	Diethylphthalate	22	23	105.18	50-120
56	N-nitrosodiphenyla	22	21	94.34	30-110
59	Hexachlorobenzene	22	22	99.55	40-120
78	Benzo(a)pyrene	22	18	81.36	50-120

	SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 2	2-Fluorophenol	44	42	94.65	15-121
$ 4	Phenol-d5	44	42	95.05	15-115
$ 20	Nitrobenzene-d5	44	43	98.48	23-120
$ 38	2-Fluorobiphenyl	44	42	95.15	30-115
$ 57	2,4,6-Tribromophen	130	140	105.33	15-130
$ 68	Terphenyl-d14	44	51	115.06	18-140

1LCB

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

D090306LCS

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: D090306LCS Date Received: _____

Lab File ID: Q0903D Date Extracted: 09/03/06

Sample Volume: 1000.00 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
108-95-2	Phenol	34	
111-44-4	bis(2-Chloroethyl)Ether	18	
95-57-8	2-Chlorophenol	33	
108-60-1	2,2'-oxybis(1-Chloropropane)	5	U
95-48-7	2-Methylphenol	5	U
67-72-1	Hexachloroethane	17	
621-64-7	N-Nitroso-di-n-propylamine	19	
106-44-5	4-Methylphenol	5	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	18	
88-75-5	2-Nitrophenol	5	U
105-67-9	2,4-Dimethylphenol	5	U
111-91-1	bis(2-Chloroethoxy)methane	5	U
120-83-2	2,4-Dichlorophenol	5	U
91-20-3	Naphthalene	18	
106-47-8	4-Chloroaniline	31	
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-Methylphenol	5	U
91-57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2,4,6-Trichlorophenol	35	
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	5	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	5	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	5	U
83-32-9	Acenaphthene	5	U
99-09-2	3-Nitroaniline	20	U

1LCC

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

D090306LCS

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: D090306LCS Date Received: _____

Lab File ID: Q0903D Date Extracted: 09/03/06

Sample Volume: 1000.00 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

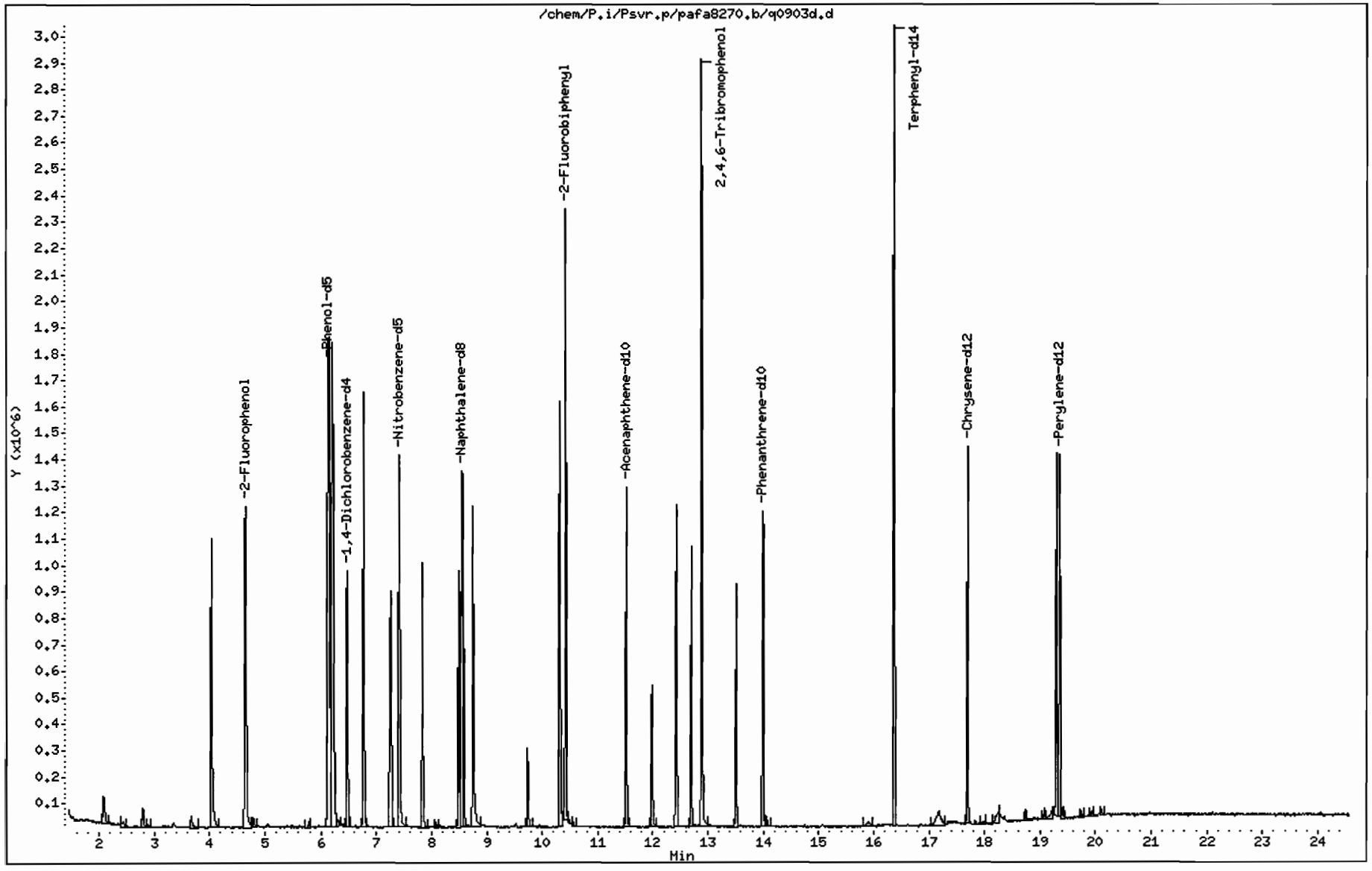
Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
51-28-5	2,4-Dinitrophenol	20	U
132-64-9	Dibenzofuran	5	U
100-02-7	4-Nitrophenol	20	U
121-14-2	2,4-Dinitrotoluene	16	
86-73-7	Fluorene	5	U
84-66-2	Diethylphthalate	19	
7005-72-3	4-Chlorophenyl-phenylether	5	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-nitrosodiphenylamine (1)	19	
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	18	
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
56-55-3	Benzo(a)anthracene	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)phthalate	5	U
117-84-0	Di-n-octylphthalate	5	U
205-99-2	Benzo(b)fluoranthene	5	U
207-08-9	Benzo(k)fluoranthene	5	U
50-32-8	Benzo(a)pyrene	16	
193-39-5	Indeno(1,2,3-cd)pyrene	5	U
53-70-3	Dibenz(a,h)anthracene	5	U
191-24-2	Benzo(g,h,i)perylene	5	U

(1) - Cannot be separated from Diphenylamine

Data File: /chem/P.i/Psvr.p/pafa8270.b/q0903d.d
Date : 30-SEP-2006 14:36
Client ID: D090306LCS
Sample Info:
Volume Injected (uL): 1.0
Column phase: RTx-5

Instrument: P.i
Operator: prp
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/q0903d.d
Lab Smp Id: D090306LCS Client Smp ID: D090306LCS
Inj Date : 30-SEP-2006 14:36
Operator : prp Inst ID: P.i
Smp Info :
Misc Info : D090306LCS,0188_MBLK090306D,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
$	2	2-Fluorophenol	112	4.647	4.630	(0.718)	705758	35.5042	36
$	4	Phenol-d5	99	6.125	6.118	(0.946)	899546	36.9939	37
	5	Phenol	94	6.146	6.139	(0.949)	857476	34.2510	34
	6	bis(2-Chloroethyl)Ether	93	6.156	6.149	(0.951)	352950	17.5823	18
	8	2-Chlorophenol	128	6.218	6.210	(0.960)	675245	33.0693	33
*	10	1,4-Dichlorobenzene-d4	152	6.474	6.467	(1.000)	246603	20.0000	
	15	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	16	2-Methylphenol	108	Compound Not Detected.					
	17	Hexachloroethane	117	7.264	7.257	(1.122)	154271	17.4718	17
	18	N-Nitroso-di-n-propylamine	70	7.244	7.247	(1.119)	254003	18.9294	19
	19	4-Methylphenol	108	Compound Not Detected.					
$	20	Nitrobenzene-d5	82	7.408	7.401	(0.868)	744426	37.1886	37
	21	Nitrobenzene	77	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	22 Isophorone	82	7.829	7.832	(0.917)	634093	17.7371	18
	23 2-Nitrophenol	139	Compound Not Detected.					
	24 2,4-Dimethylphenol	107	Compound Not Detected.					
	25 bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	26 2,4-Dichlorophenol	162	Compound Not Detected.					
*	29 Naphthalene-d8	136	8.537	8.530	(1.000)	923678	20.0000	
	30 Naphthalene	128	8.568	8.561	(1.004)	951298	18.0107	18
	31 4-Chloroaniline	127	8.753	8.745	(1.025)	650926	30.5666	31
	32 Hexachlorobutadiene	224	Compound Not Detected.					
	33 4-Chloro-3-Methylphenol	107	Compound Not Detected.					
	34 2-Methylnaphthalene	142	Compound Not Detected.					
	35 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	36 2,4,6-Trichlorophenol	196	10.313	10.305	(0.896)	354107	35.2498	35
	37 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	38 2-Fluorobiphenyl	172	10.426	10.418	(0.906)	1222775	36.0736	36
	39 2-Chloronaphthalene	162	Compound Not Detected.					
	40 2-Nitroaniline	65	Compound Not Detected.					
	42 Acenaphthylene	152	Compound Not Detected.					
	41 Dimethylphthalate	163	Compound Not Detected.					
	43 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	44 Acenaphthene-d10	164	11.513	11.516	(1.000)	479662	20.0000	
	45 Acenaphthene	153	Compound Not Detected.					
	46 3-Nitroaniline	138	Compound Not Detected.					
	47 2,4-Dinitrophenol	184	Compound Not Detected.					
	48 Dibenzofuran	168	Compound Not Detected.					
	49 4-Nitrophenol	109	Compound Not Detected.					
	50 2,4-Dinitrotoluene	165	11.986	11.978	(1.041)	177735	15.5416	16
	51 Fluorene	166	Compound Not Detected.					
	52 Diethylphthalate	149	12.427	12.430	(1.079)	604575	19.0351	19
	53 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	54 4-Nitroaniline	138	Compound Not Detected.					
	55 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	56 N-nitrosodiphenylamine	169	12.694	12.697	(0.908)	404433	18.6490	19
$	57 2,4,6-Tribromophenol	330	12.899	12.892	(0.922)	518219	98.3084	98(A)
	58 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	59 Hexachlorobenzene	284	13.515	13.507	(0.966)	204310	18.4462	18
	60 Pentachlorophenol	265	Compound Not Detected.					
*	61 Phenanthrene-d10	188	13.987	13.990	(1.000)	676522	20.0000	
	62 Phenanthrene	178	Compound Not Detected.					
	63 Anthracene	178	Compound Not Detected.					
	65 Di-n-butylphthalate	149	Compound Not Detected.					
	66 Fluoranthene	202	Compound Not Detected.					
	67 Pyrene	202	Compound Not Detected.					
$	68 Terphenyl-d14	244	16.368	16.361	(0.925)	1137500	35.0170	35
	69 Butylbenzylphthalate	149	Compound Not Detected.					
	70 Benzo(a)anthracene	228	Compound Not Detected.					
*	71 Chrysene-d12	240	17.692	17.695	(1.000)	594195	20.0000	
	72 3,3'-Dichlorobenzidine	252	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
73	Chrysene	228	Compound Not Detected.					
74	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
75	Di-n-octylphthalate	149	Compound Not Detected.					
76	Benzo(b)fluoranthene	252	Compound Not Detected.					
77	Benzo(k)fluoranthene	252	Compound Not Detected.					
78	Benzo(a)pyrene	252	19.293	19.296	(0.997)	648185	16.1052	16
* 79	Perylene-d12	264	19.354	19.357	(1.000)	582045	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
81	Dibenz(a,h)anthracene	278	Compound Not Detected.					
82	Benzo(g,h,i)perylene	276	Compound Not Detected.					

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

STL Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: P.i
Lab File ID: q0903d.d
Lab Smp Id: D090306LCS
Analysis Type: SV
Quant Type: ISTD
Operator: prp
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: D090306LCS,0188_MBLK090306D,1

Calibration Date: 30-SEP-2006
Calibration Time: 14:02
Client Smp ID: D090306LCS
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	234993	117496	469986	246603	4.94
29 Naphthalene-d8	864971	432486	1729942	923678	6.79
44 Acenaphthene-d10	443503	221752	887006	479662	8.15
61 Phenanthrene-d10	632401	316200	1264802	676522	6.98
71 Chrysene-d12	556585	278292	1113170	594195	6.76
79 Perylene-d12	565792	282896	1131584	582045	2.87

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	6.47	6.14	6.80	6.47	0.11
29 Naphthalene-d8	8.53	8.20	8.86	8.54	0.08
44 Acenaphthene-d10	11.52	11.19	11.85	11.51	-0.03
61 Phenanthrene-d10	13.99	13.66	14.32	13.99	-0.02
71 Chrysene-d12	17.69	17.36	18.02	17.69	-0.02
79 Perylene-d12	19.36	19.03	19.69	19.35	-0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

STL Burlington

RECOVERY REPORT

Client Name: STLVT
Client SDG: pafa8270
Sample Matrix: LIQUID
Fraction: SV
Lab Smp Id: D090306LCS
Client Smp ID: D090306LCS
Level: LOW
Operator: prp
Data Type: MS DATA
SampleType: LCS
SpikeList File: OLClcs.spk
Quant Type: ISTD
Sublist File: OLC.sub
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: D090306LCS,0188_MBLK090306D,1

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
5 Phenol	40	34	85.63	40-120
6 bis(2-Chloroethyl)	20	18	87.91	50-110
8 2-Chlorophenol	40	33	82.67	50-110
18 N-Nitroso-di-n-pro	20	19	94.65	30-110
17 Hexachloroethane	20	17	87.36	20-110
22 Isophorone	20	18	88.69	50-110
30 Naphthalene	20	18	90.05	30-110
31 4-Chloroaniline	40	31	76.42	10-120
36 2,4,6-Trichlorophe	40	35	88.12	40-120
50 2,4-Dinitrotoluene	20	16	77.71	30-120
52 Diethylphthalate	20	19	95.18	50-120
56 N-nitrosodiphenyla	20	19	93.25	30-110
59 Hexachlorobenzene	20	18	92.23	40-120
78 Benzo(a)pyrene	20	16	80.53	50-120

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 2 2-Fluorophenol	40	36	88.76	15-121
$ 4 Phenol-d5	40	37	92.48	15-115
$ 20 Nitrobenzene-d5	40	37	92.97	23-120
$ 38 2-Fluorobiphenyl	40	36	90.18	30-115
$ 57 2,4,6-Tribromophen	120	98	81.92	15-130
$ 68 Terphenyl-d14	40	35	87.54	18-140

Data File: /chem/P.i/Psvr.p/pafa8270.b/q0903d.d

Date : 30-SEP-2006 14:36

Client ID: D090306LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

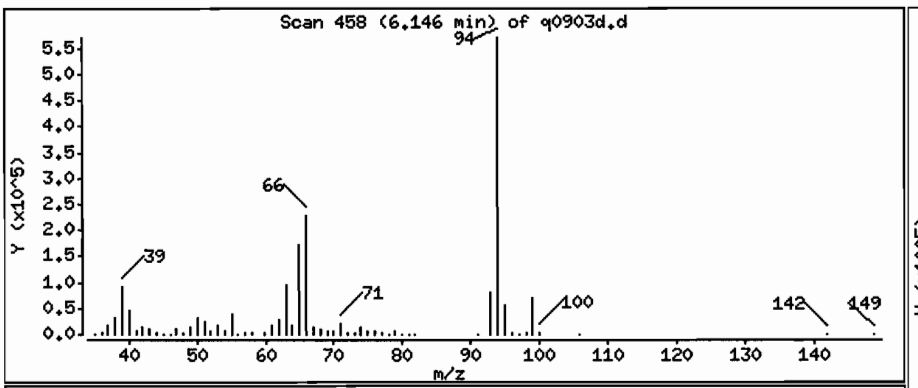
Operator: prp

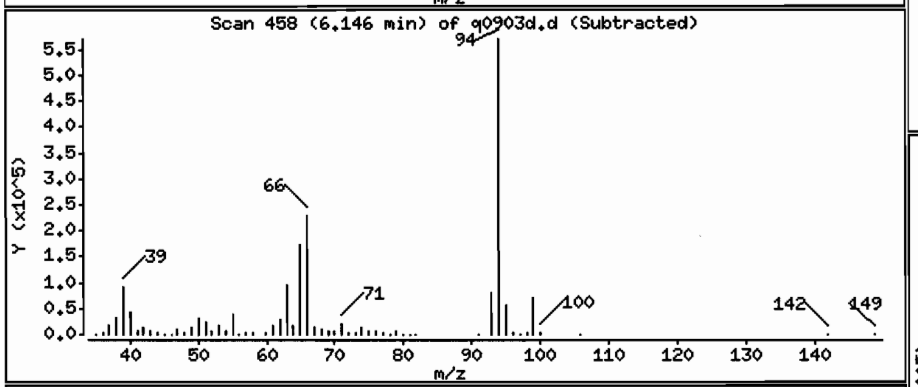
Column phase: RTx-5

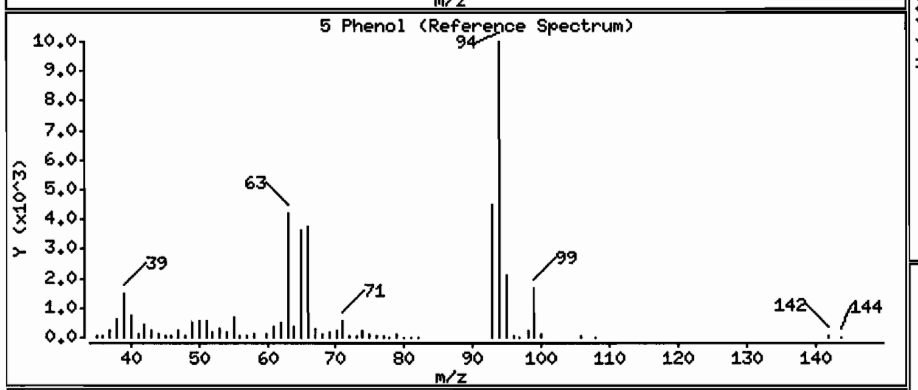
Column diameter: 0.25

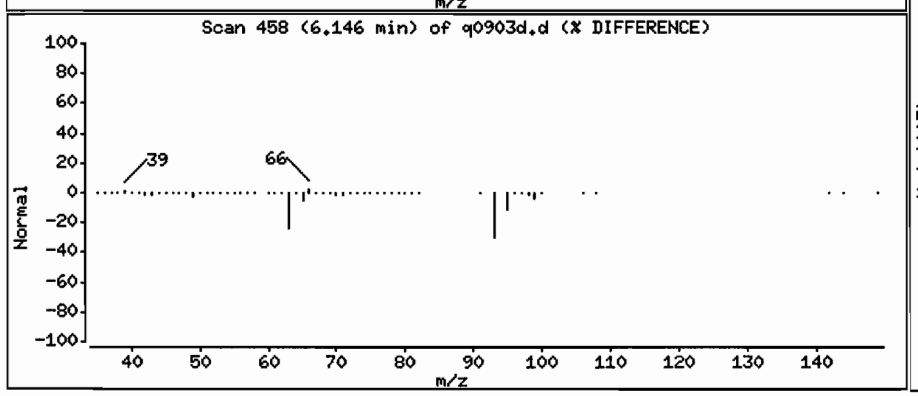
5 Phenol

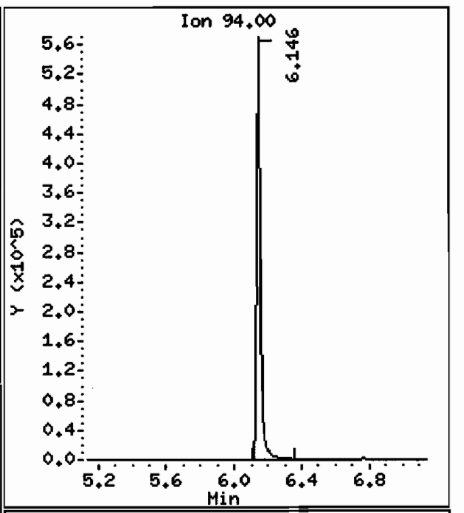
Concentration: 34 ug/L

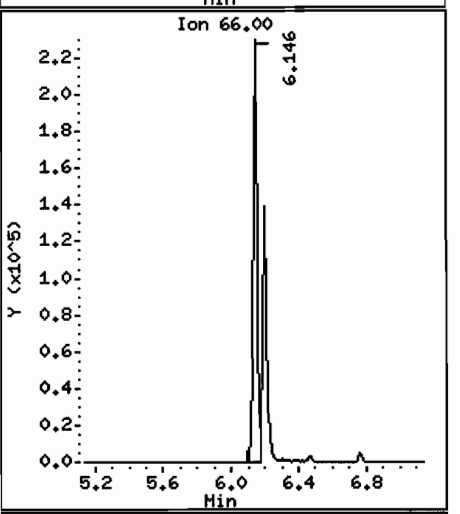


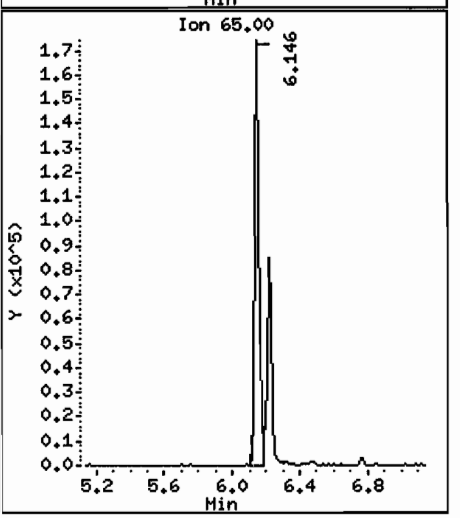












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0903d.d

Date : 30-SEP-2006 14:36

Client ID: D090306LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

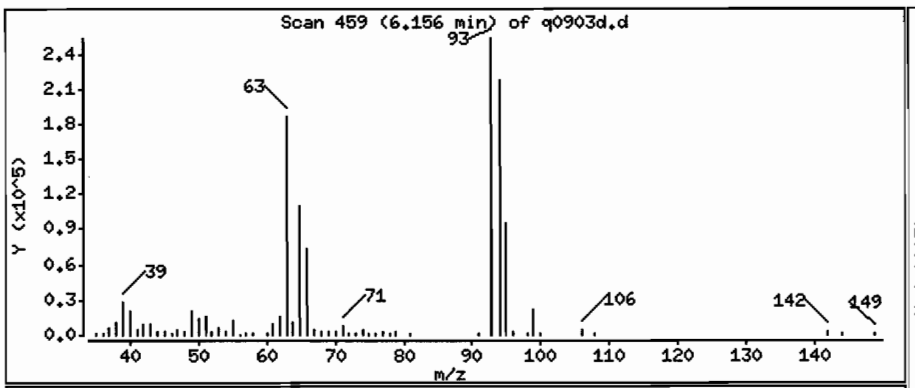
Operator: prp

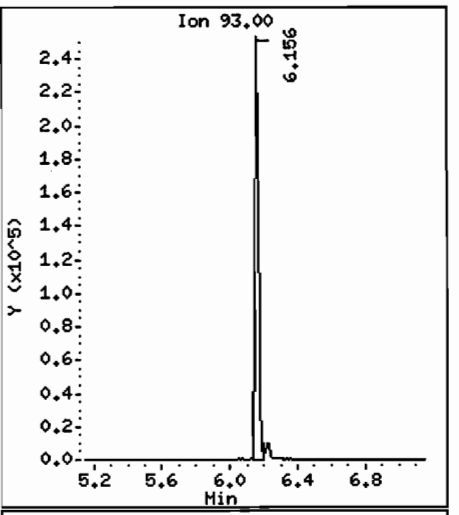
Column phase: RTx-5

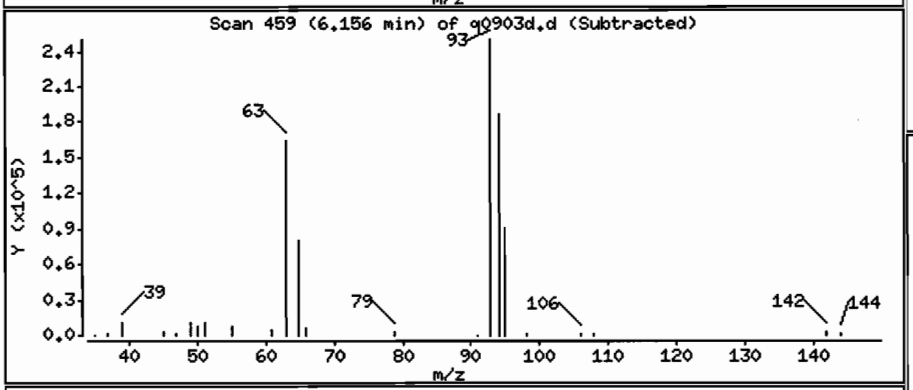
Column diameter: 0.25

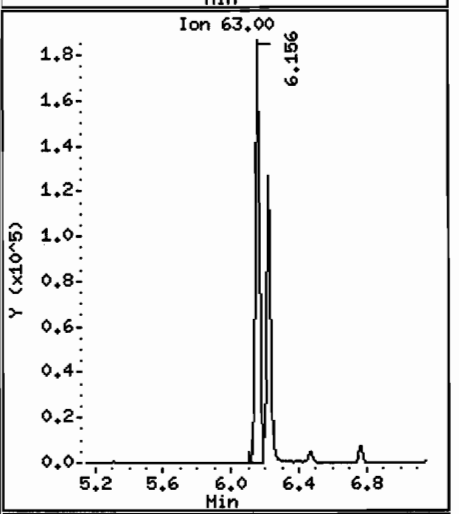
6 bis(2-Chloroethyl)Ether

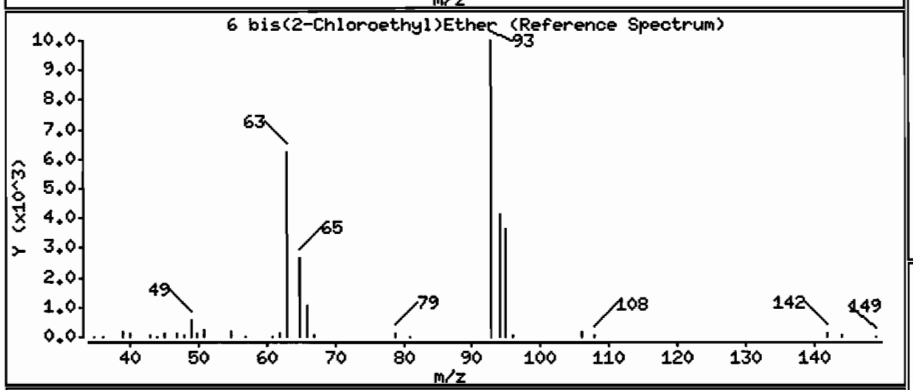
Concentration: 18 ug/L

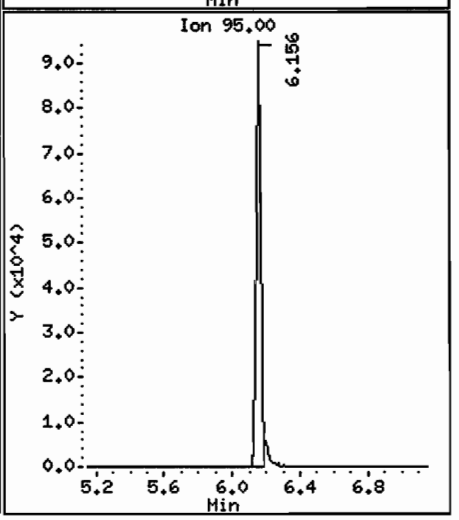


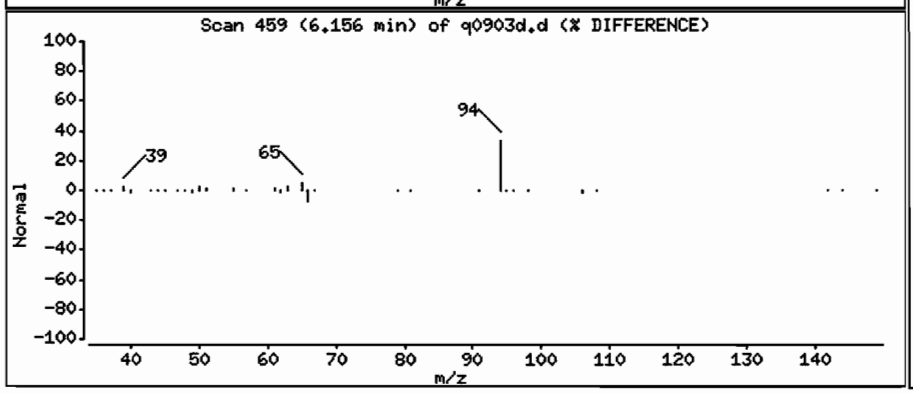












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0903d.d

Date : 30-SEP-2006 14:36

Client ID: D090306LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

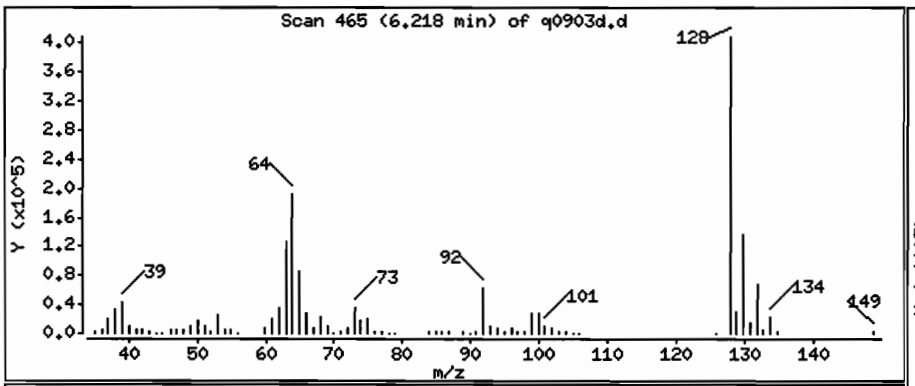
Operator: prp

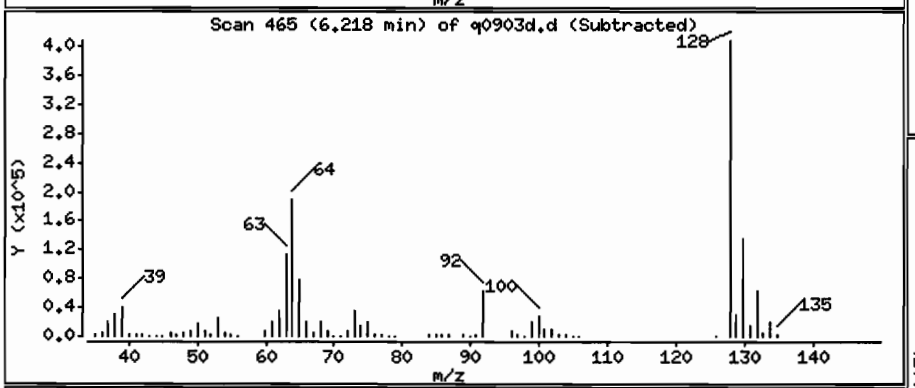
Column phase: RTx-5

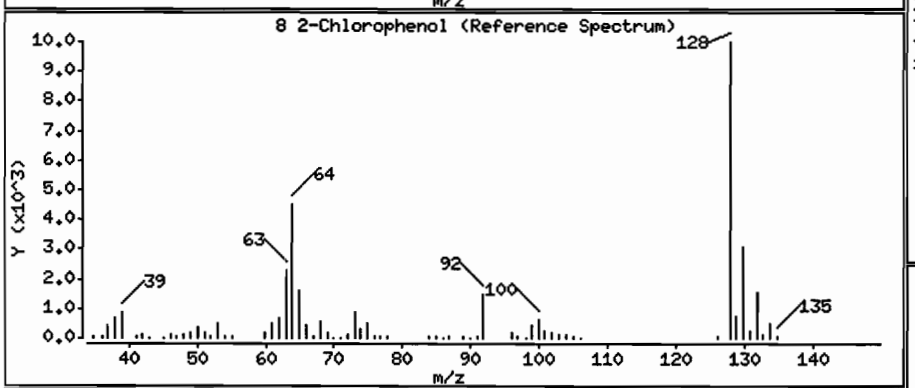
Column diameter: 0.25

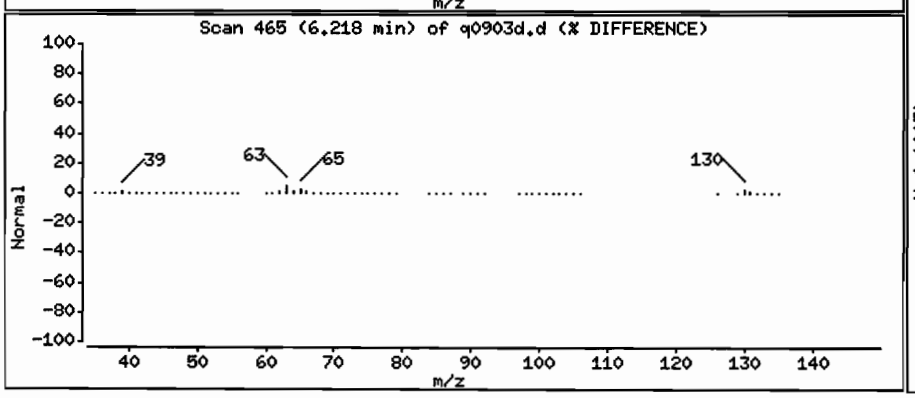
8 2-Chlorophenol

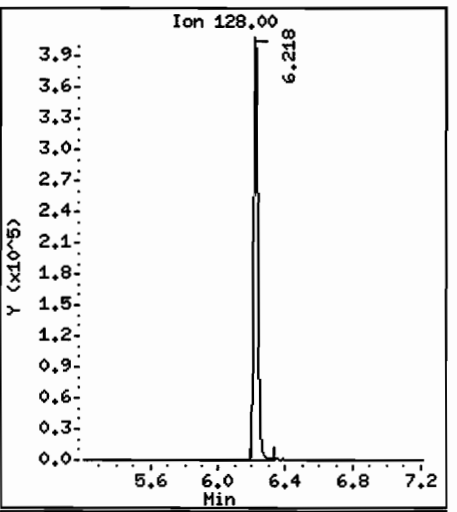
Concentration: 33 ug/L

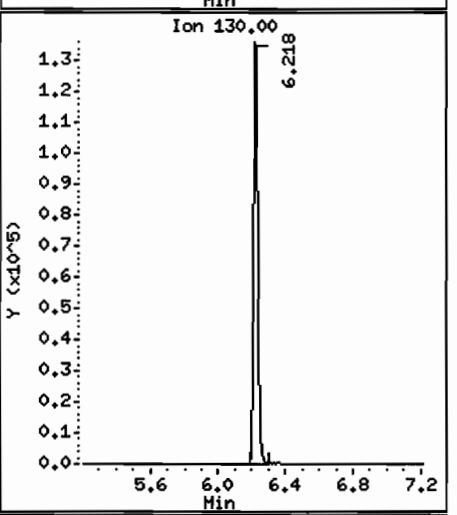


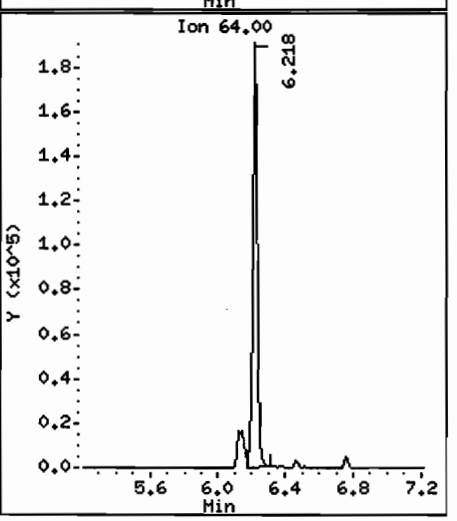












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0903d.d

Date : 30-SEP-2006 14:36

Client ID: D090306LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

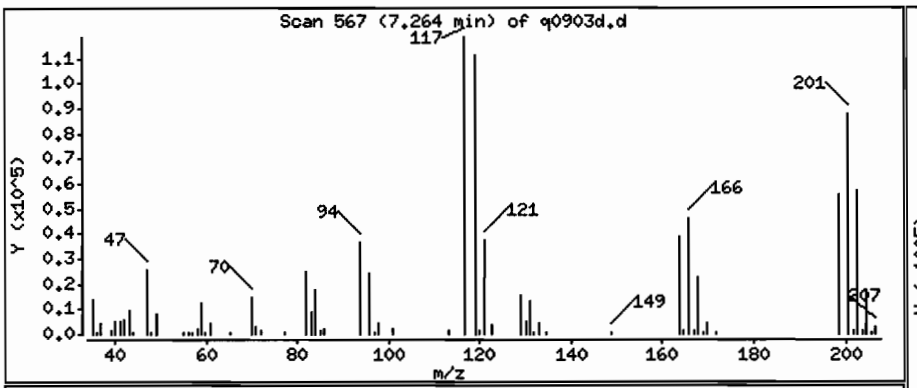
Operator: prp

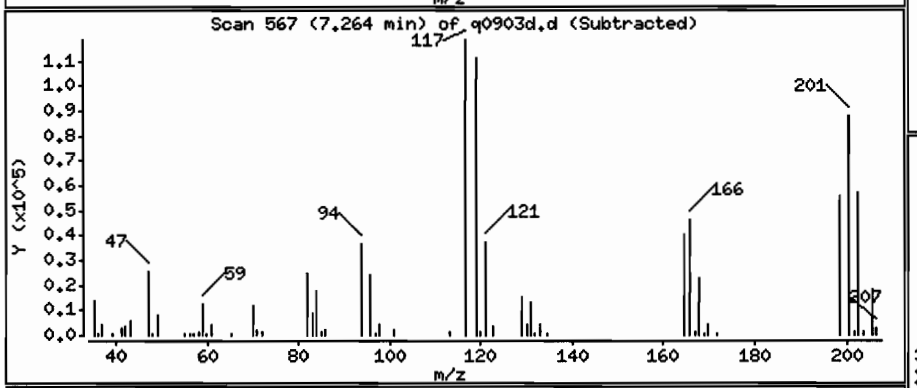
Column phase: RTx-5

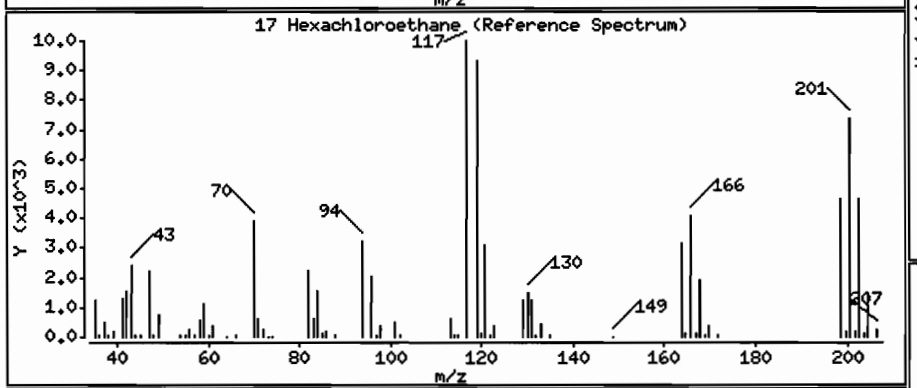
Column diameter: 0.25

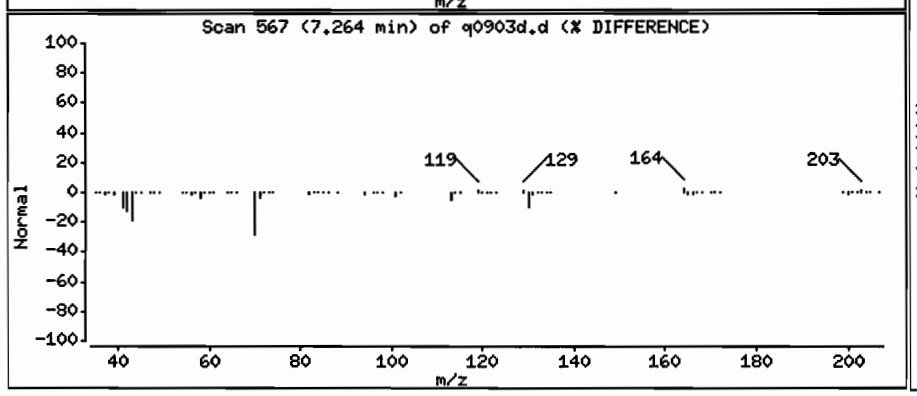
17 Hexachloroethane

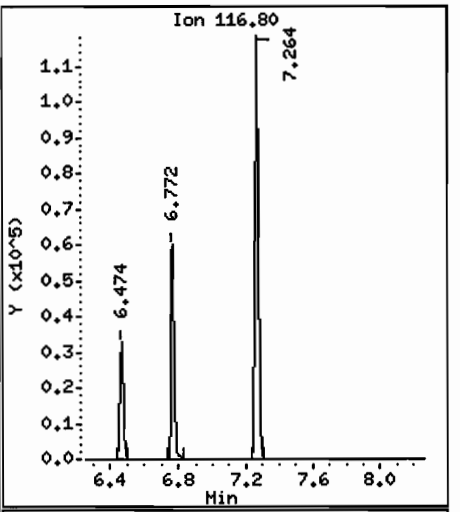
Concentration: 17 ug/L

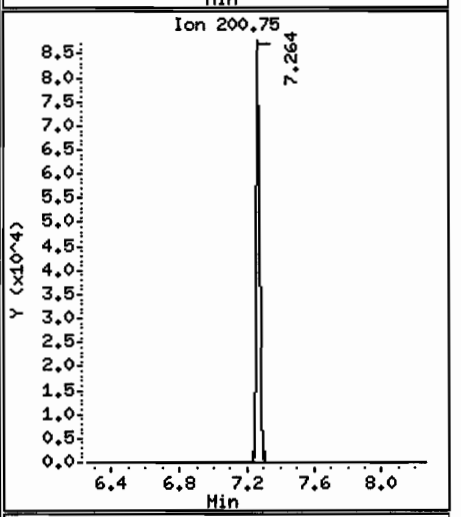


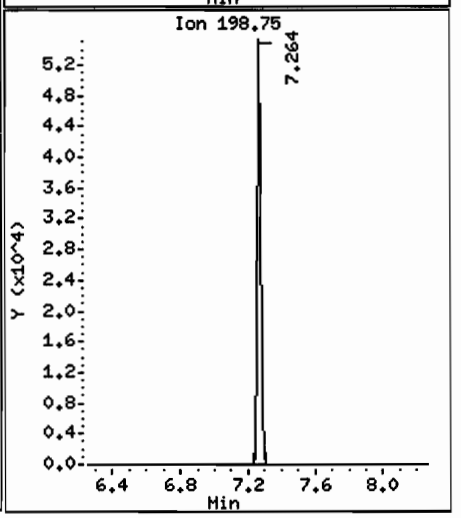












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0903d.d

Date : 30-SEP-2006 14:36

Client ID: D090306LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

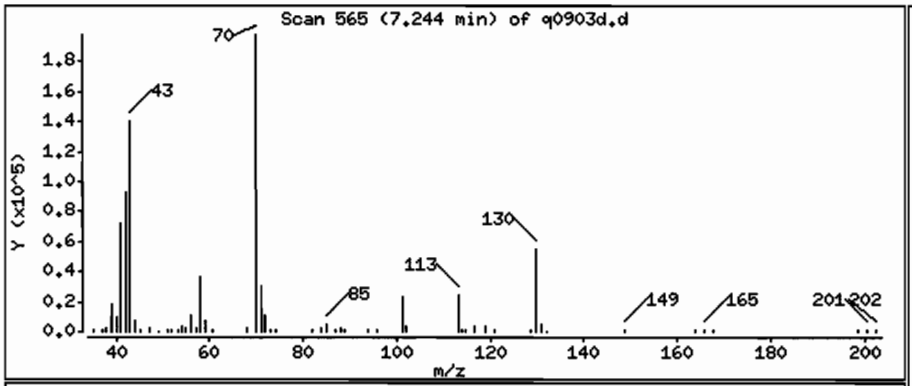
Operator: prp

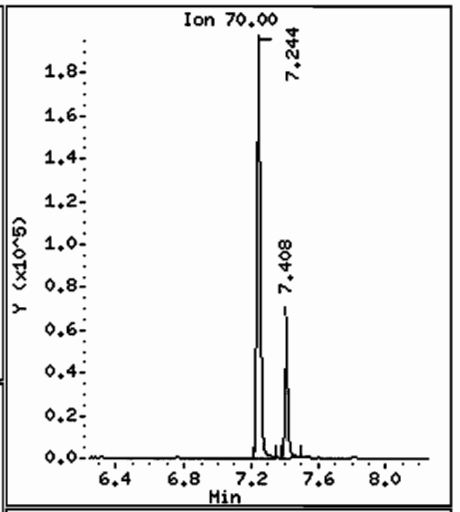
Column phase: RTx-5

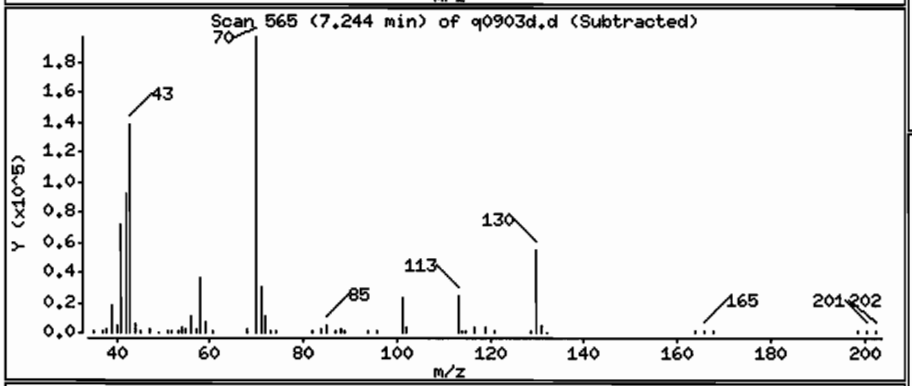
Column diameter: 0.25

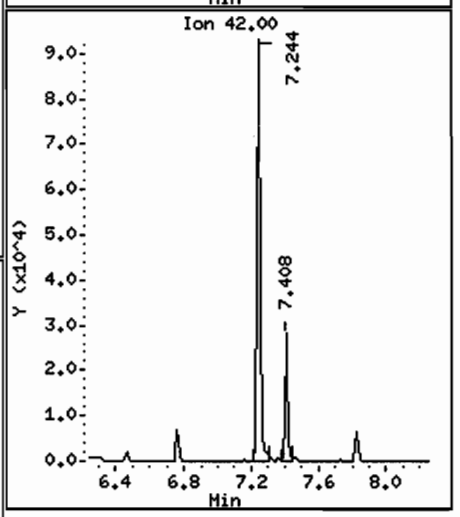
18 N-Nitroso-di-n-propylamine

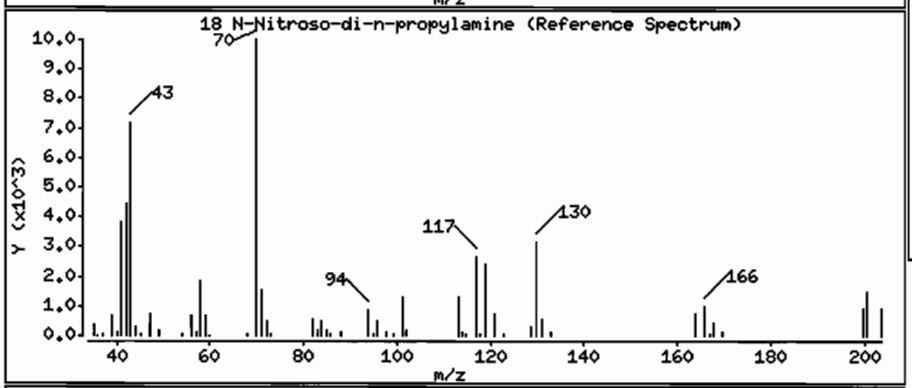
Concentration: 19 ug/L

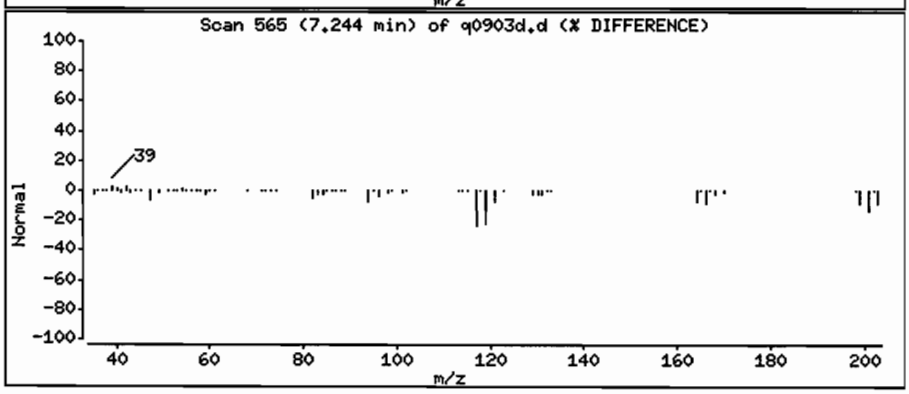












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0903d.d

Date : 30-SEP-2006 14:36

Client ID: D090306LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

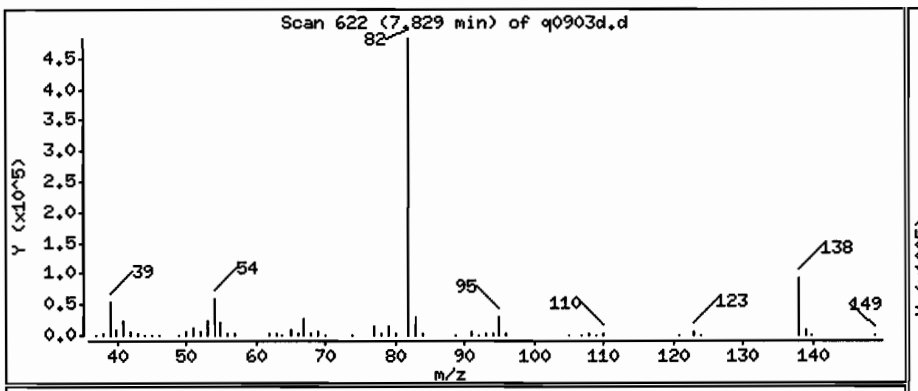
Operator: prp

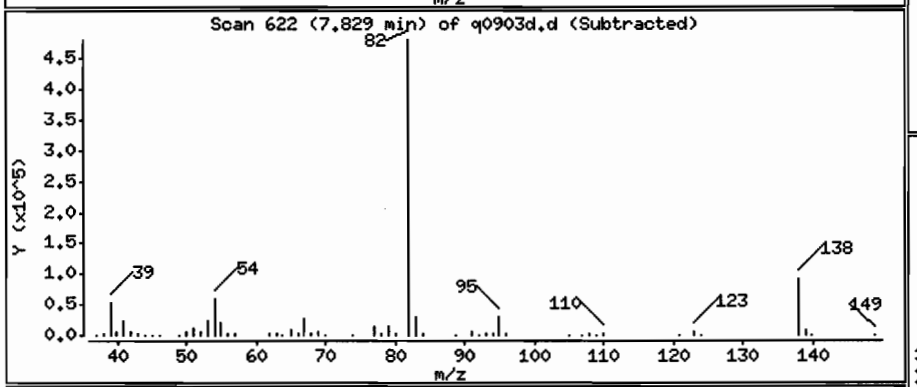
Column phase: RTx-5

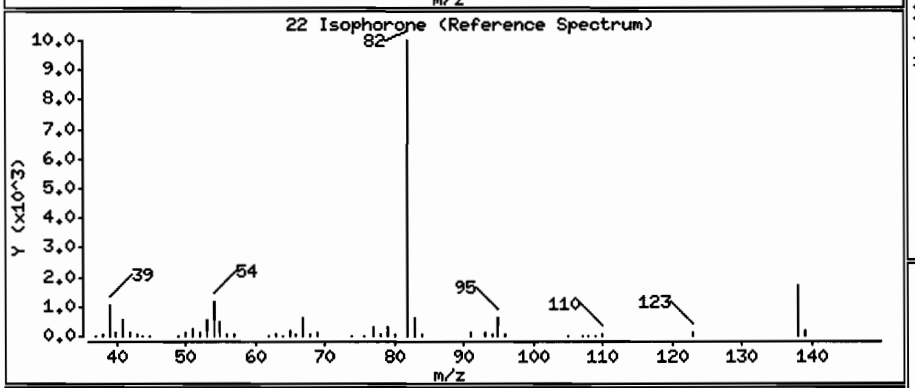
Column diameter: 0.25

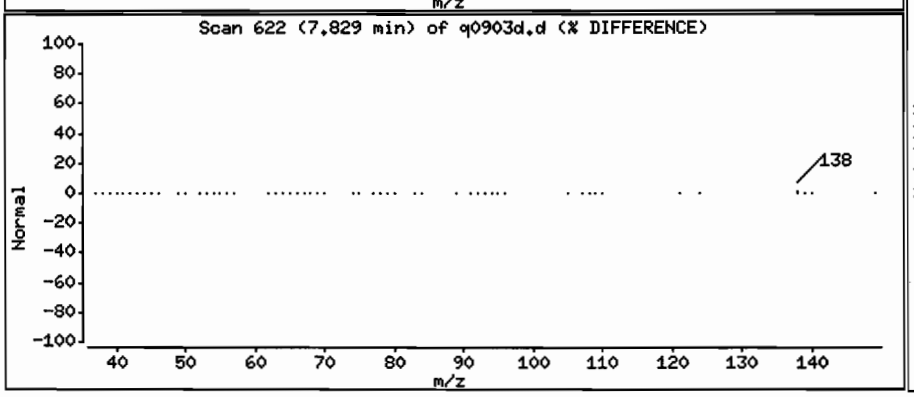
22 Isophorone

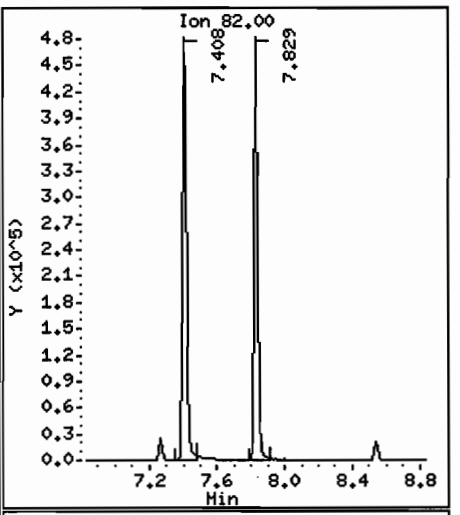
Concentration: 18 ug/L

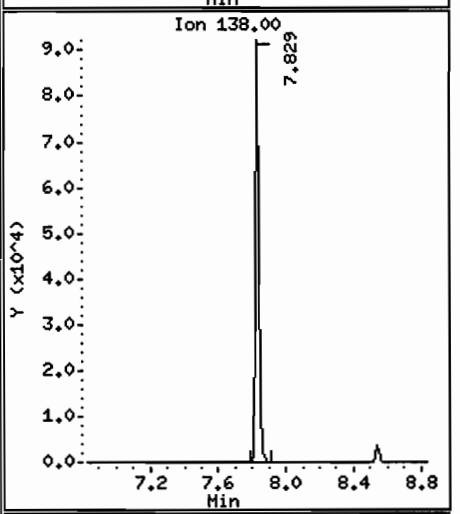


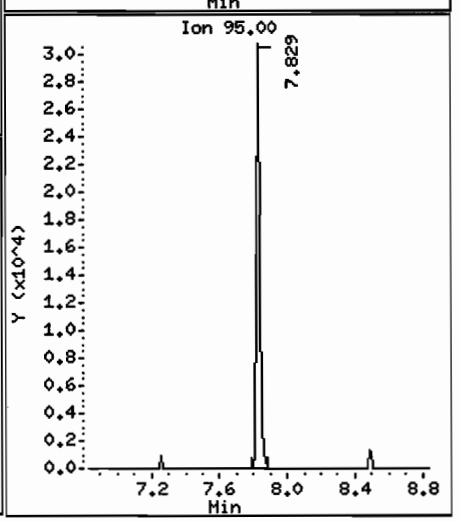












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0903d.d

Date : 30-SEP-2006 14:36

Client ID: D090306LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

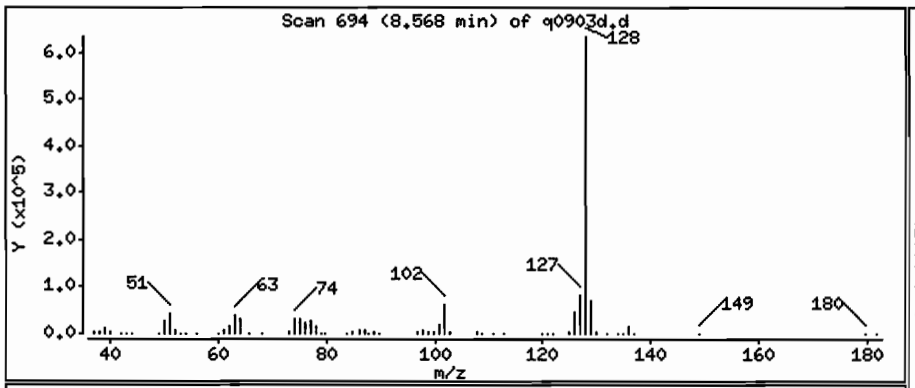
Operator: prp

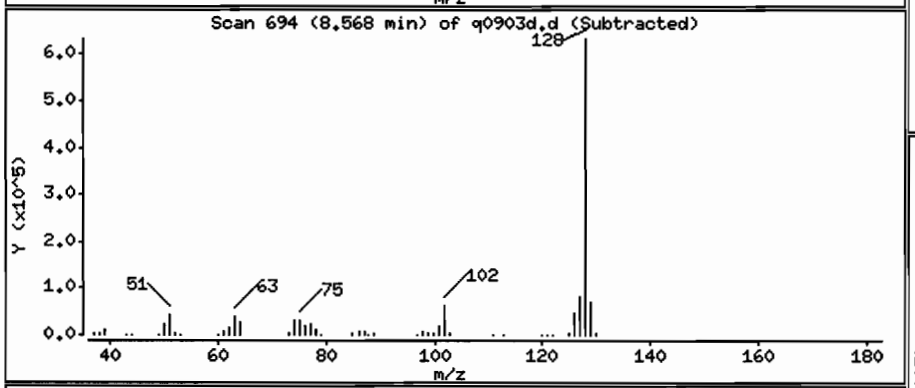
Column phase: RTx-5

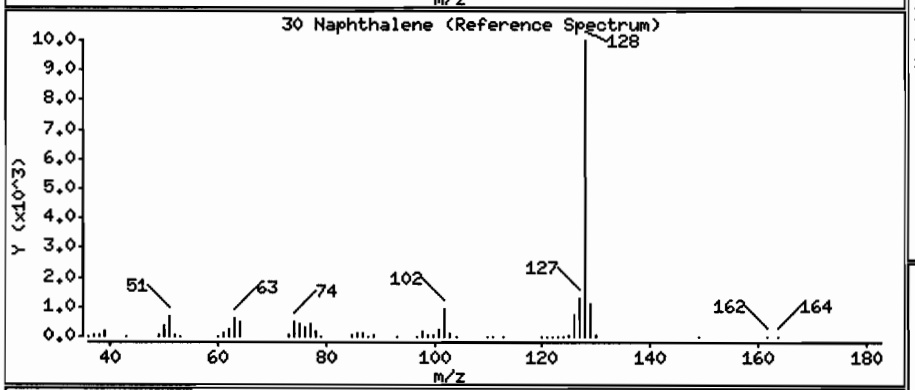
Column diameter: 0.25

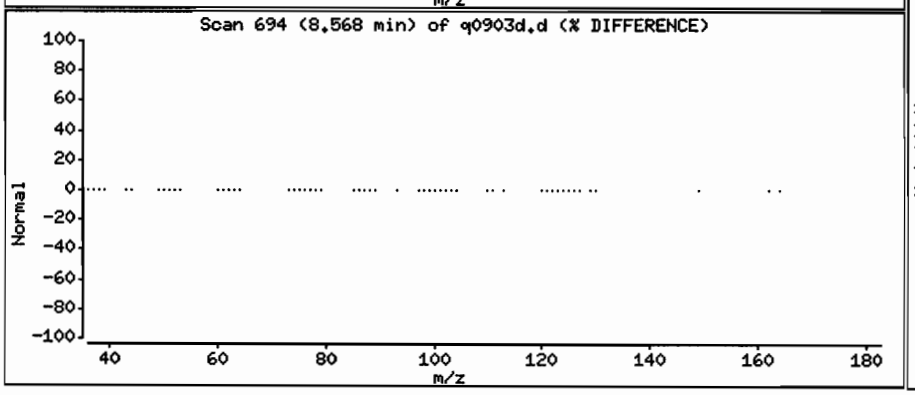
30 Naphthalene

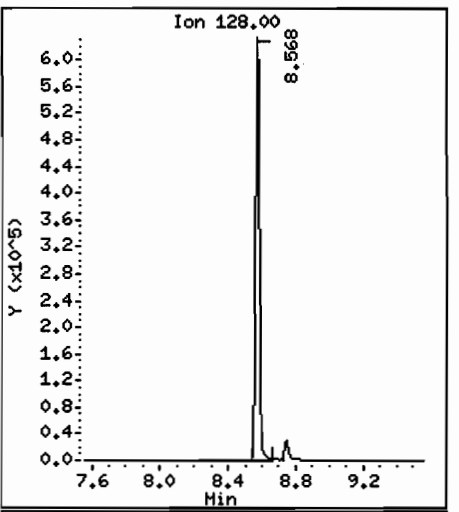
Concentration: 18 ug/L

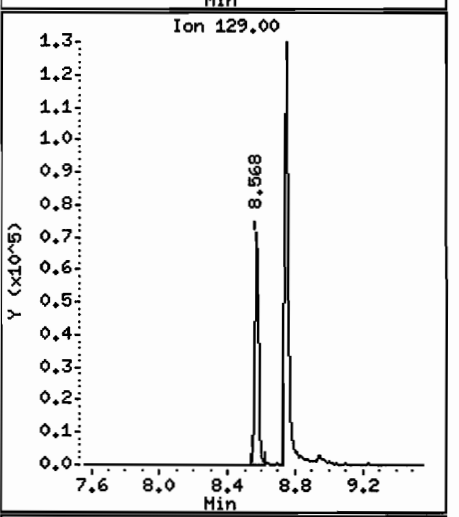


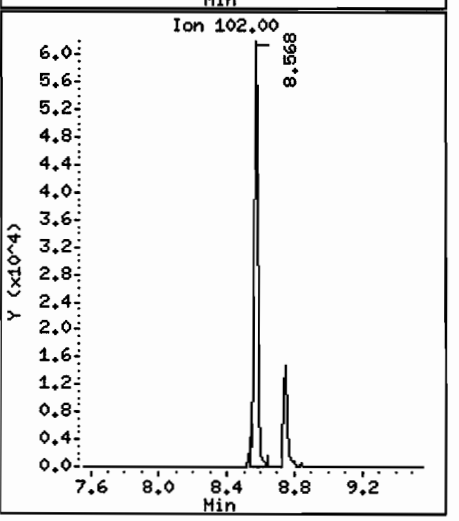












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0903d.d

Date : 30-SEP-2006 14:36

Client ID: D090306LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

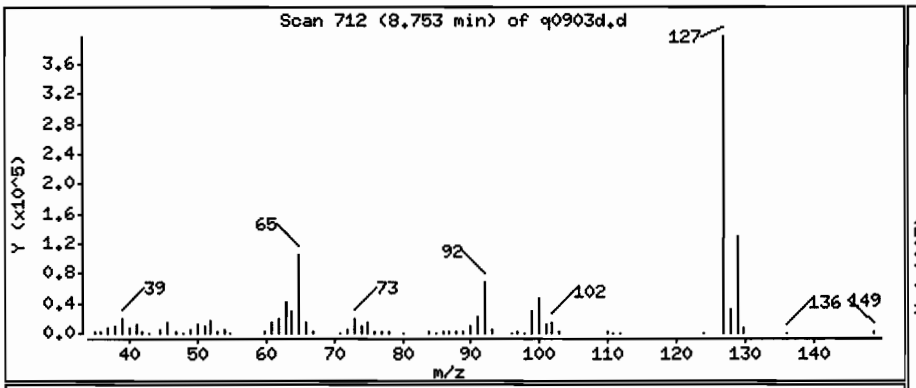
Operator: prp

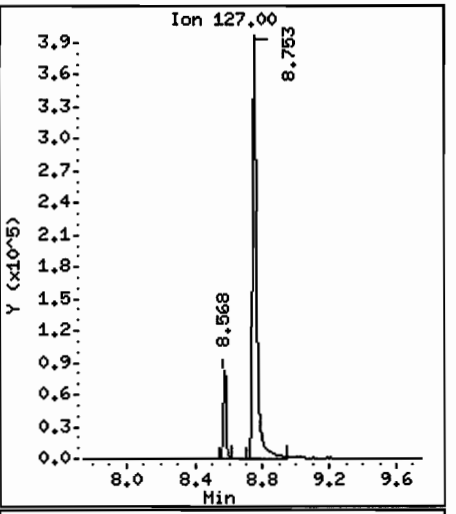
Column phase: RTx-5

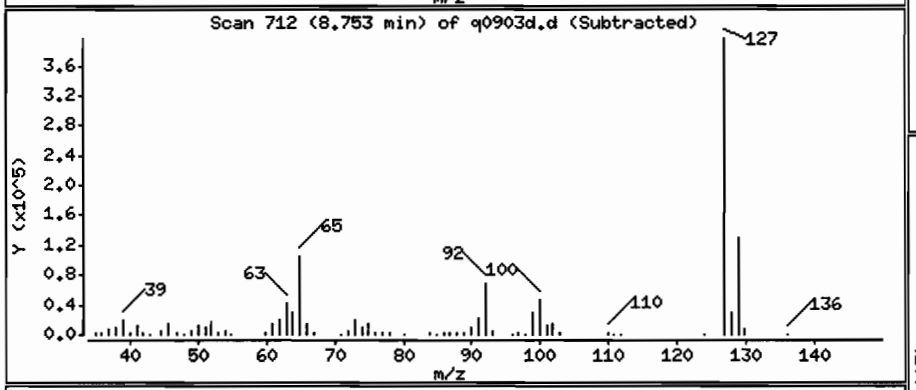
Column diameter: 0.25

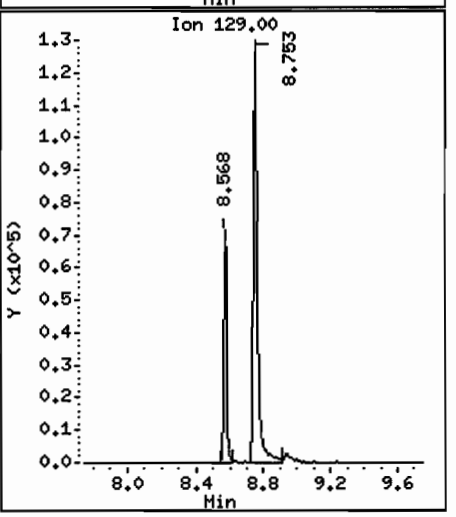
31 4-Chloroaniline

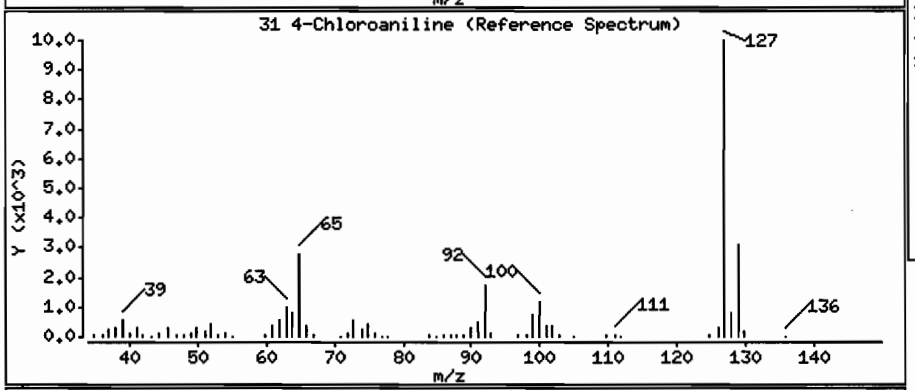
Concentration: 31 ug/L

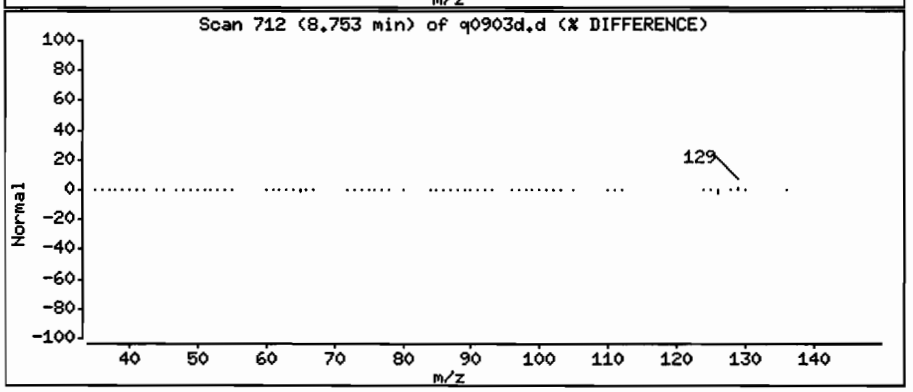












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0903d.d

Date : 30-SEP-2006 14:36

Client ID: D090306LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

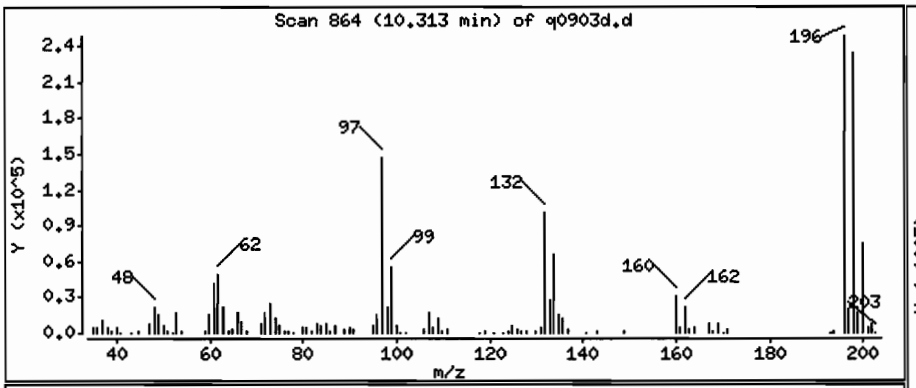
Operator: prp

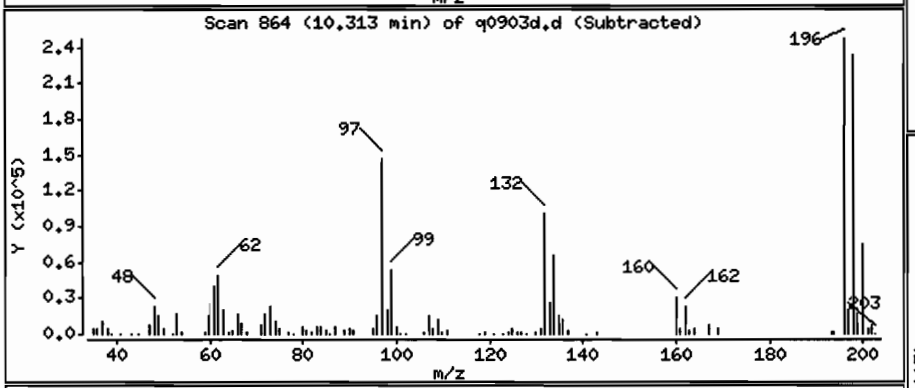
Column phase: RTx-5

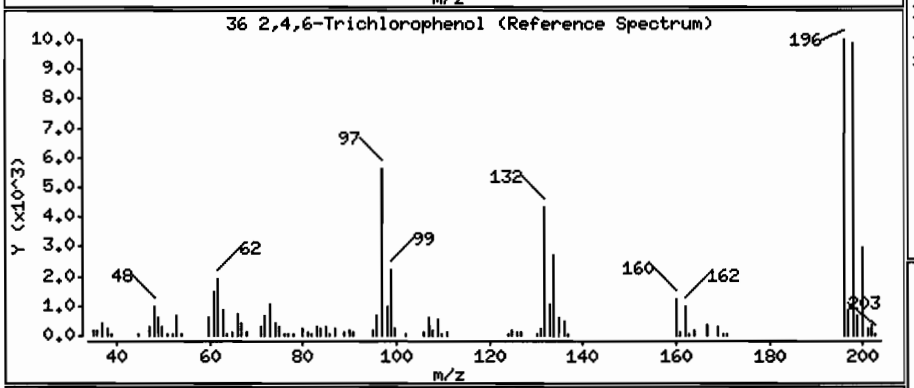
Column diameter: 0.25

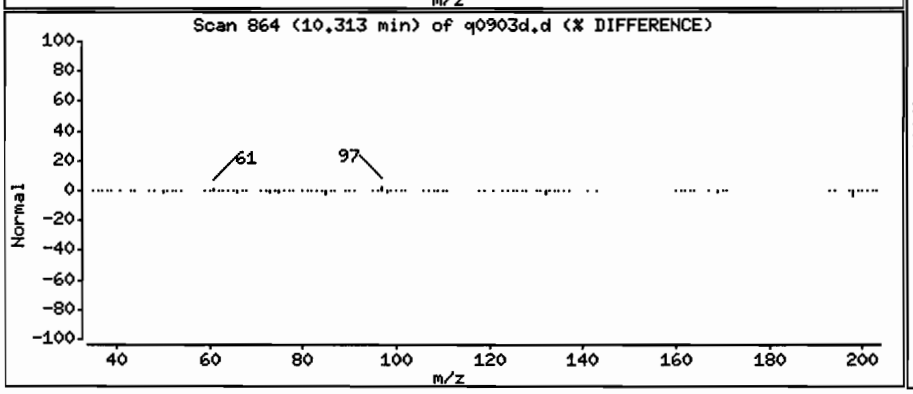
36 2,4,6-Trichlorophenol

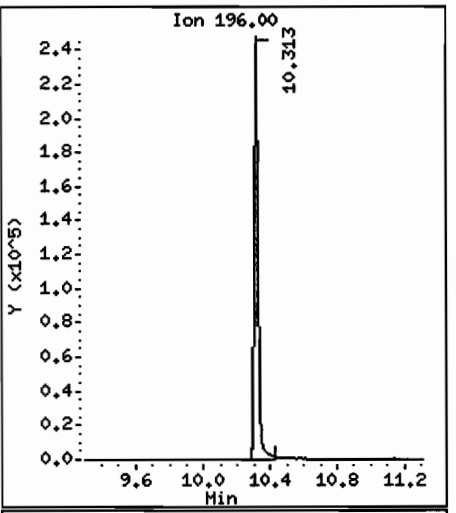
Concentration: 35 ug/L

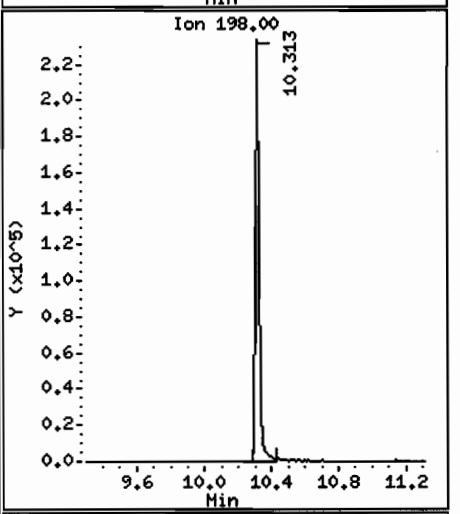


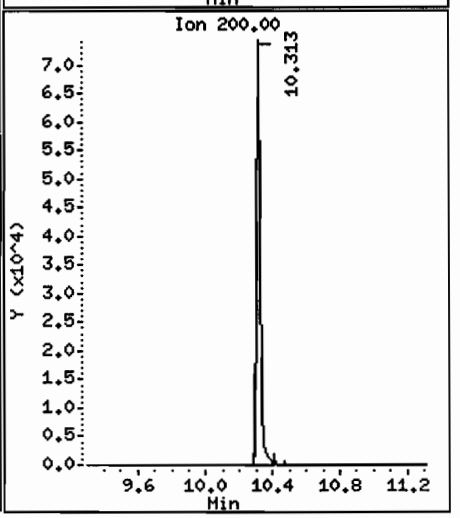












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0903d.d

Date : 30-SEP-2006 14:36

Client ID: D090306LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

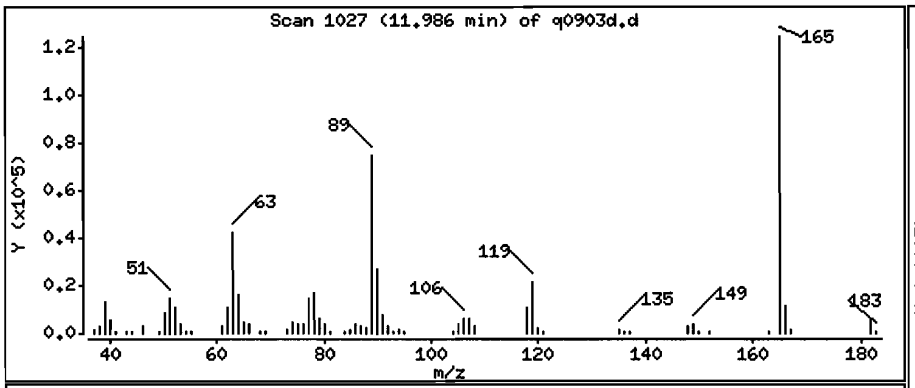
Operator: prp

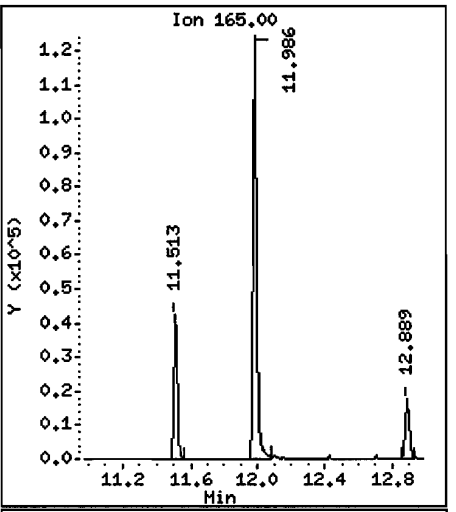
Column phase: RTx-5

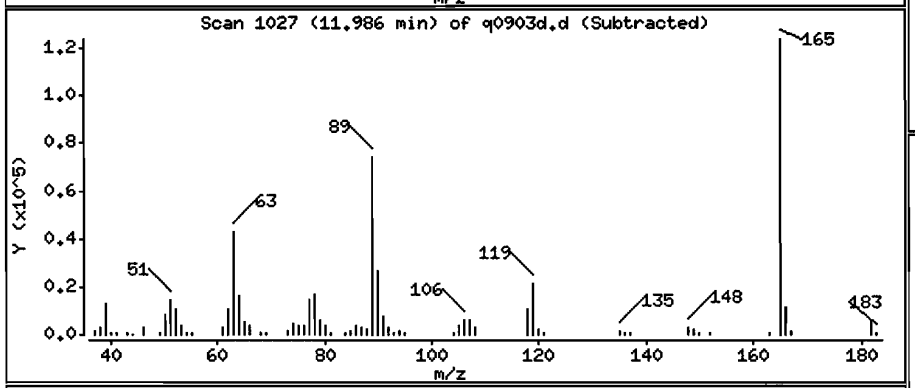
Column diameter: 0.25

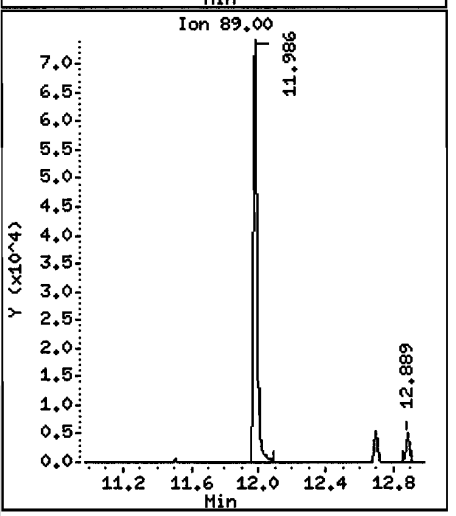
50 2,4-Dinitrotoluene

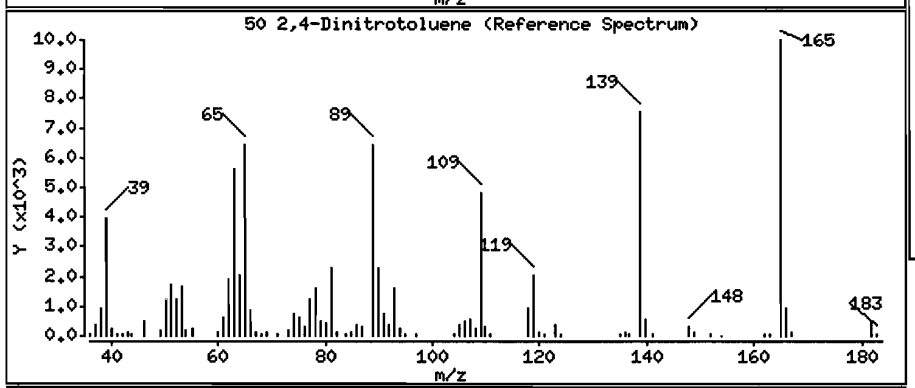
Concentration: 16 ug/L

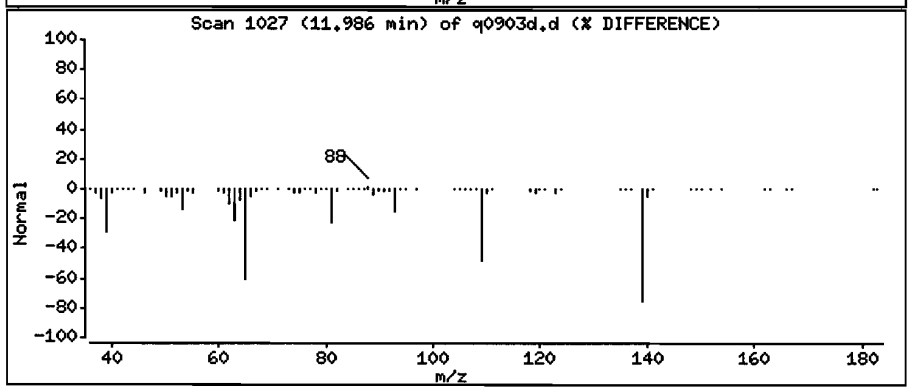












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0903d.d

Date : 30-SEP-2006 14:36

Client ID: D090306LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

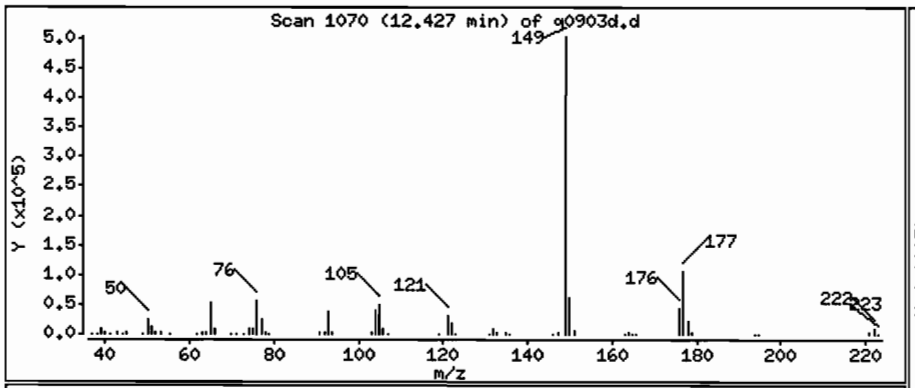
Operator: prp

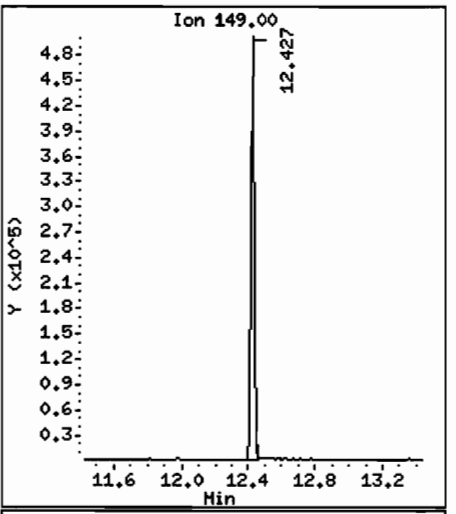
Column phase: RTx-5

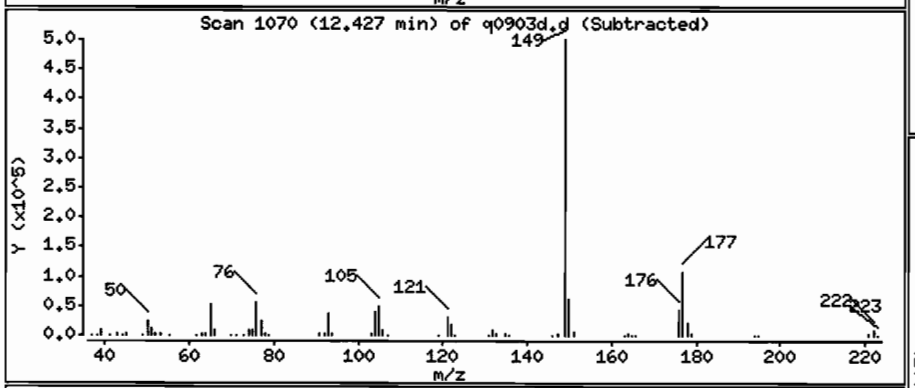
Column diameter: 0.25

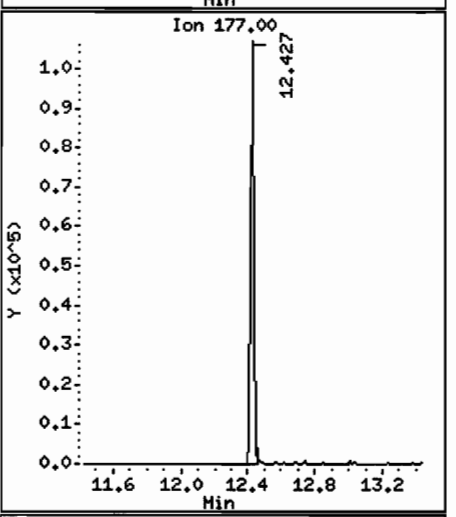
52 Diethylphthalate

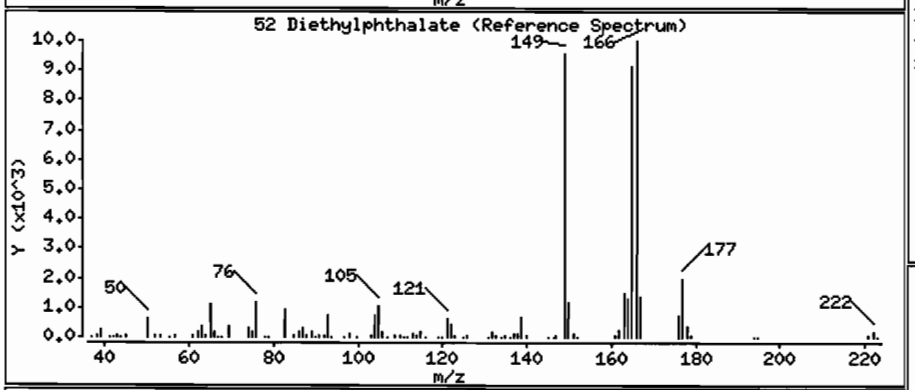
Concentration: 19 ug/L

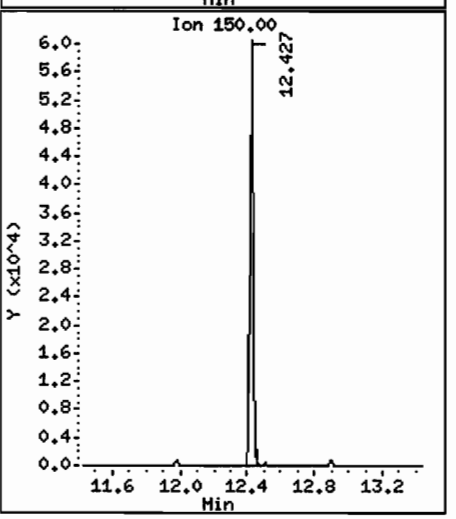


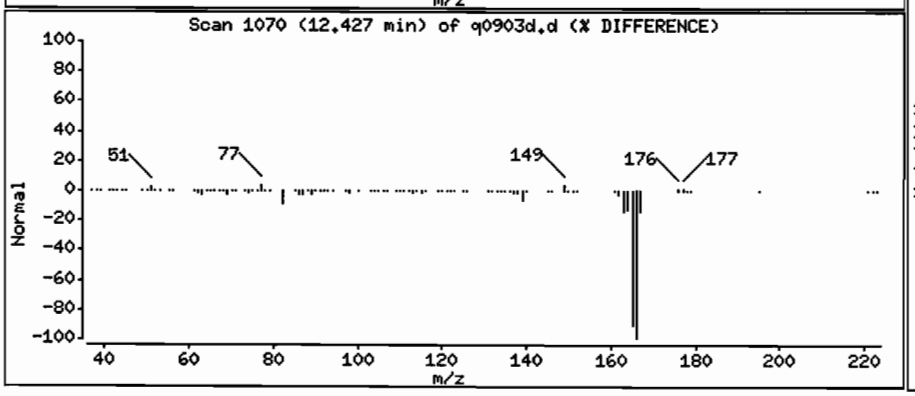












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0903d.d

Date : 30-SEP-2006 14:36

Client ID: D090306LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

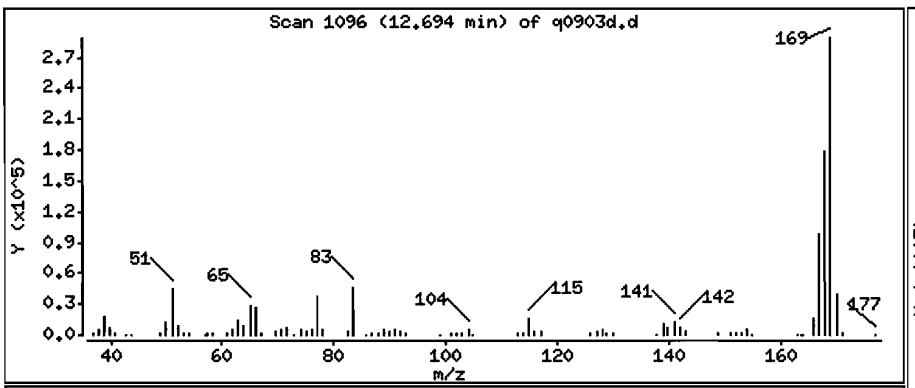
Operator: prp

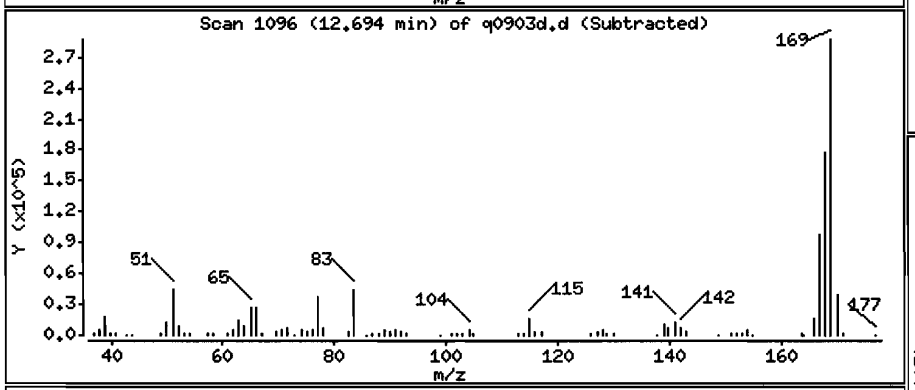
Column phase: RTx-5

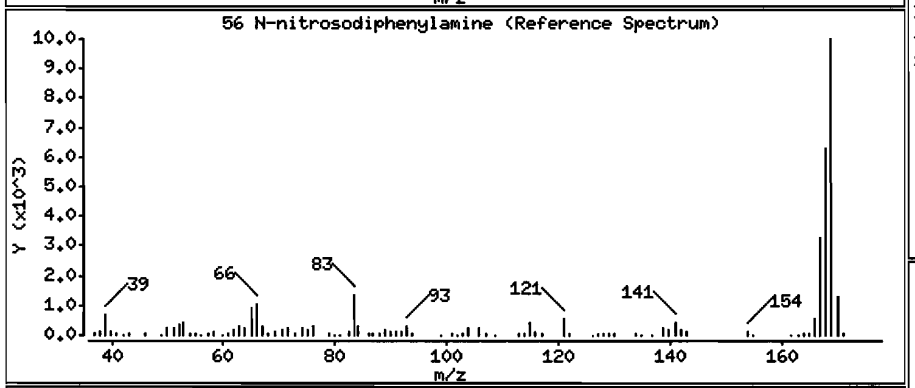
Column diameter: 0.25

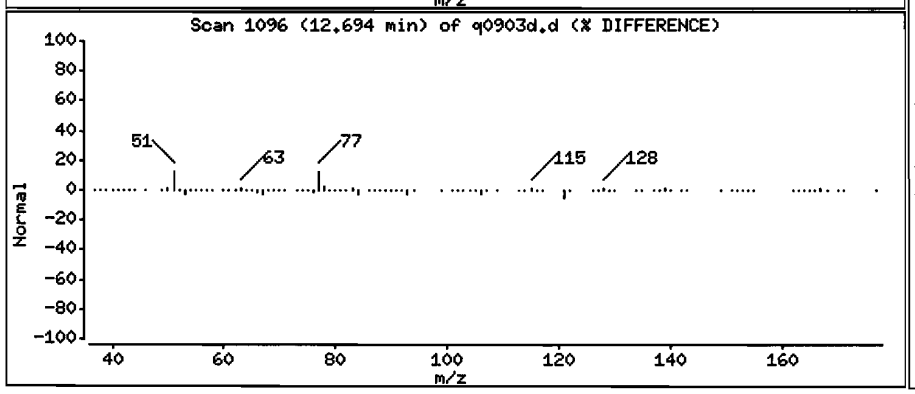
56 N-nitrosodiphenylamine

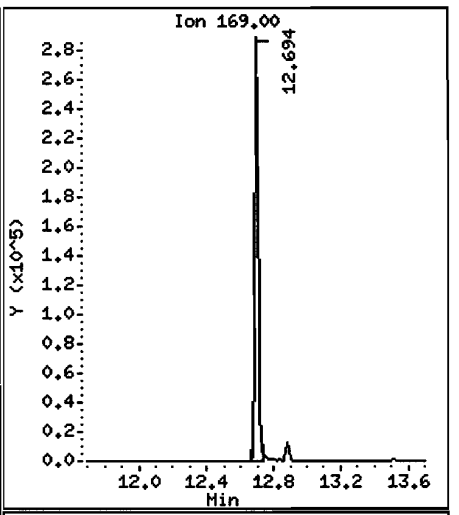
Concentration: 19 ug/L

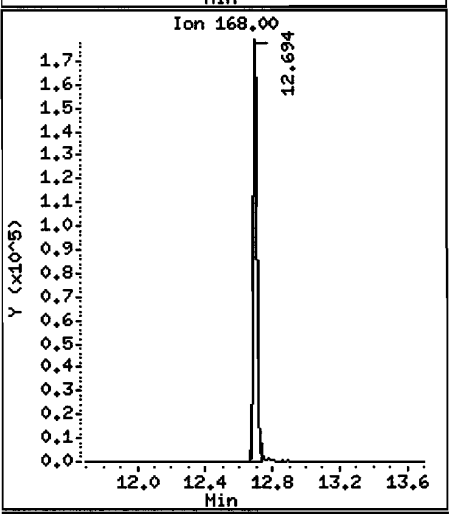


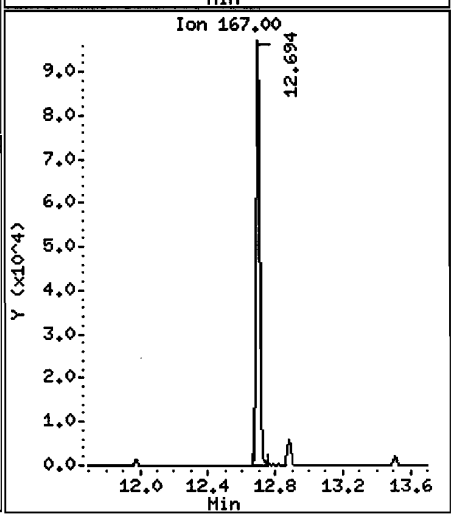












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0903d.d

Date : 30-SEP-2006 14:36

Client ID: D090306LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

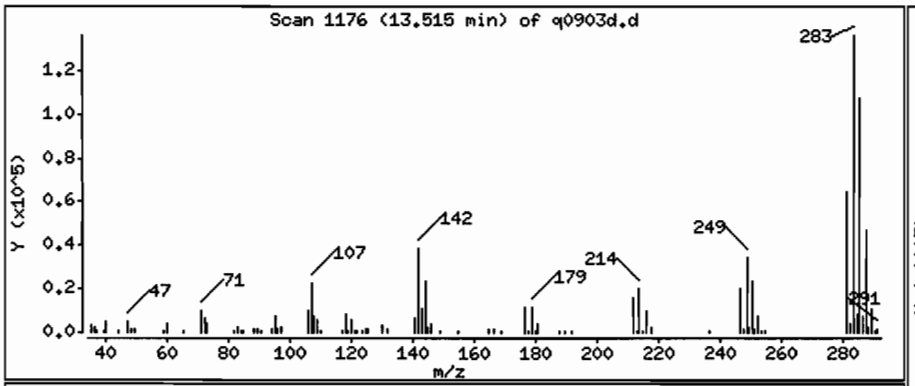
Operator: prp

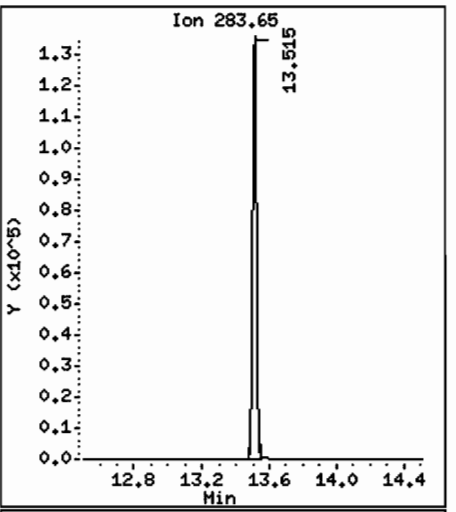
Column phase: RTx-5

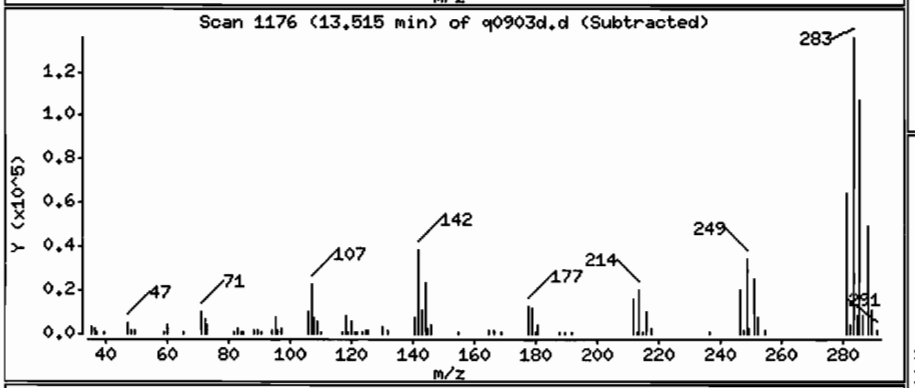
Column diameter: 0.25

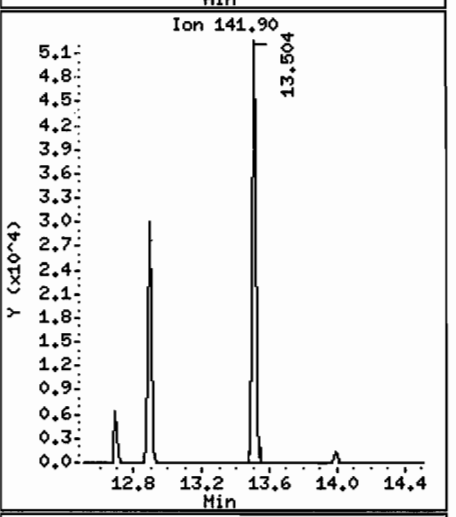
59 Hexachlorobenzene

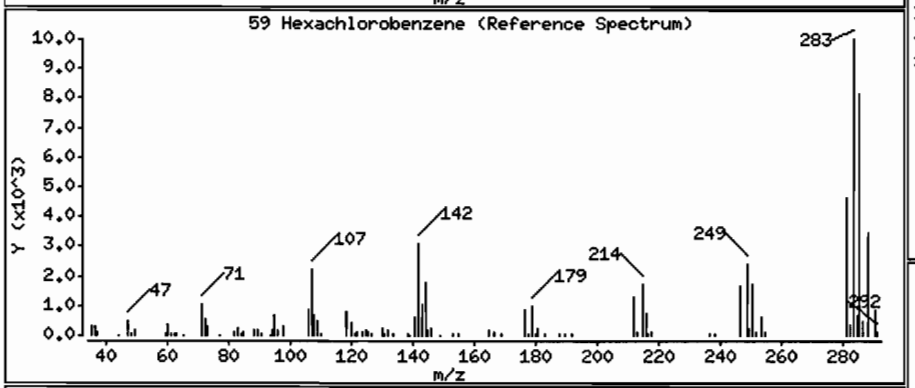
Concentration: 18 ug/L

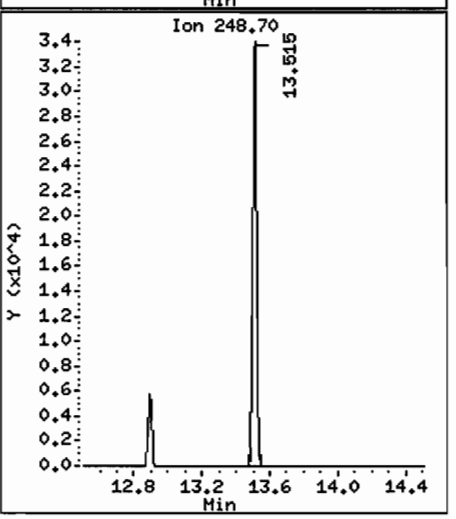


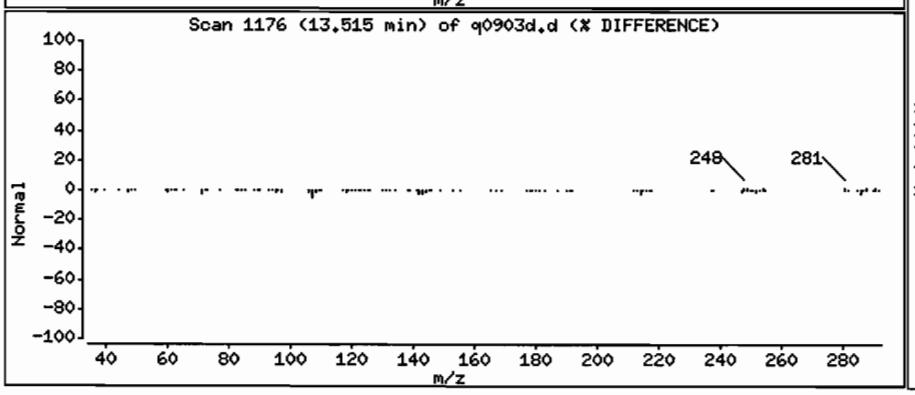












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0903d.d

Date : 30-SEP-2006 14:36

Client ID: D090306LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

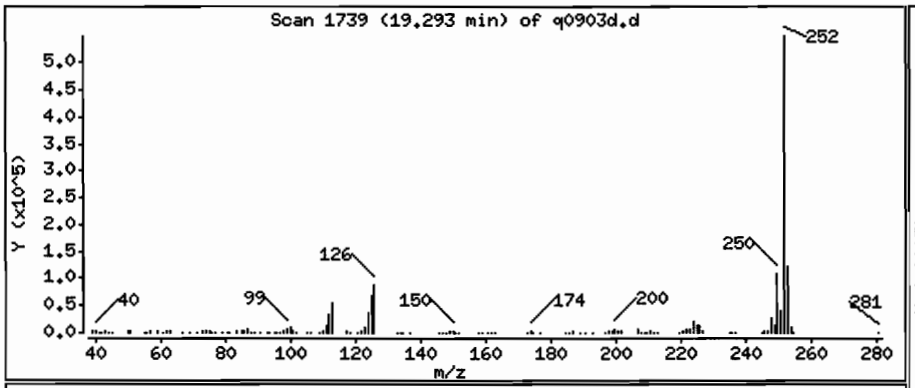
Operator: prp

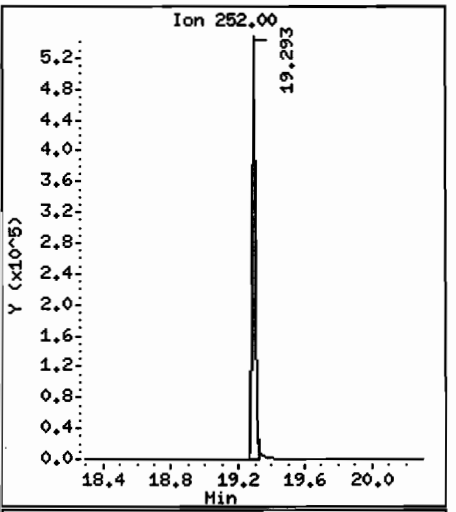
Column phase: RTx-5

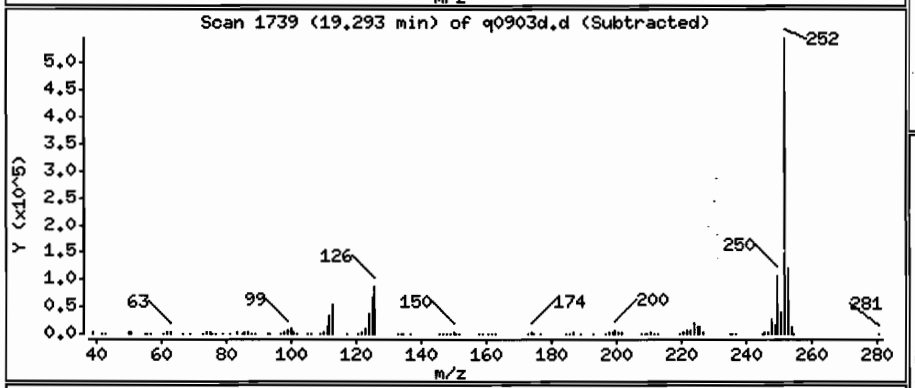
Column diameter: 0.25

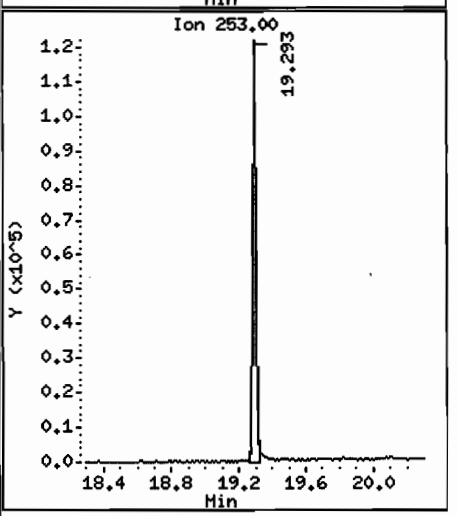
78 Benzo(a)pyrene

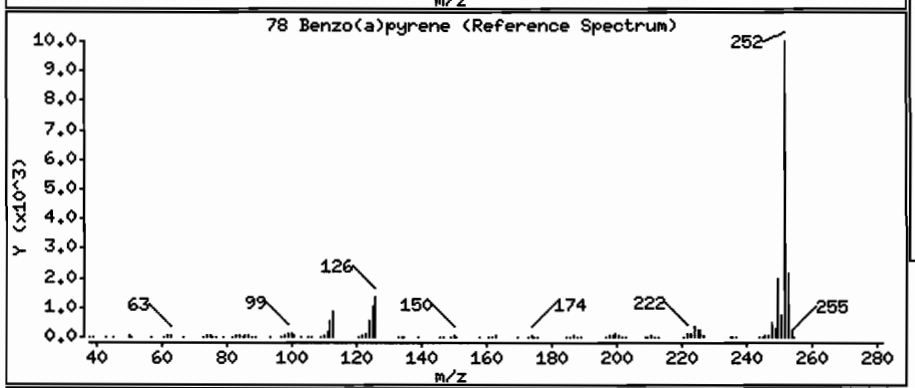
Concentration: 16 ug/L

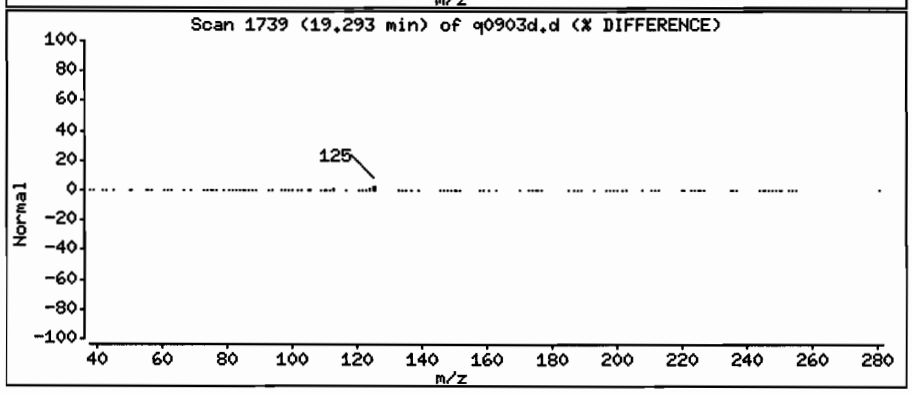












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0903d.d

Date : 30-SEP-2006 14:36

Client ID: D090306LCS

Instrument: P.i

Sample Info:

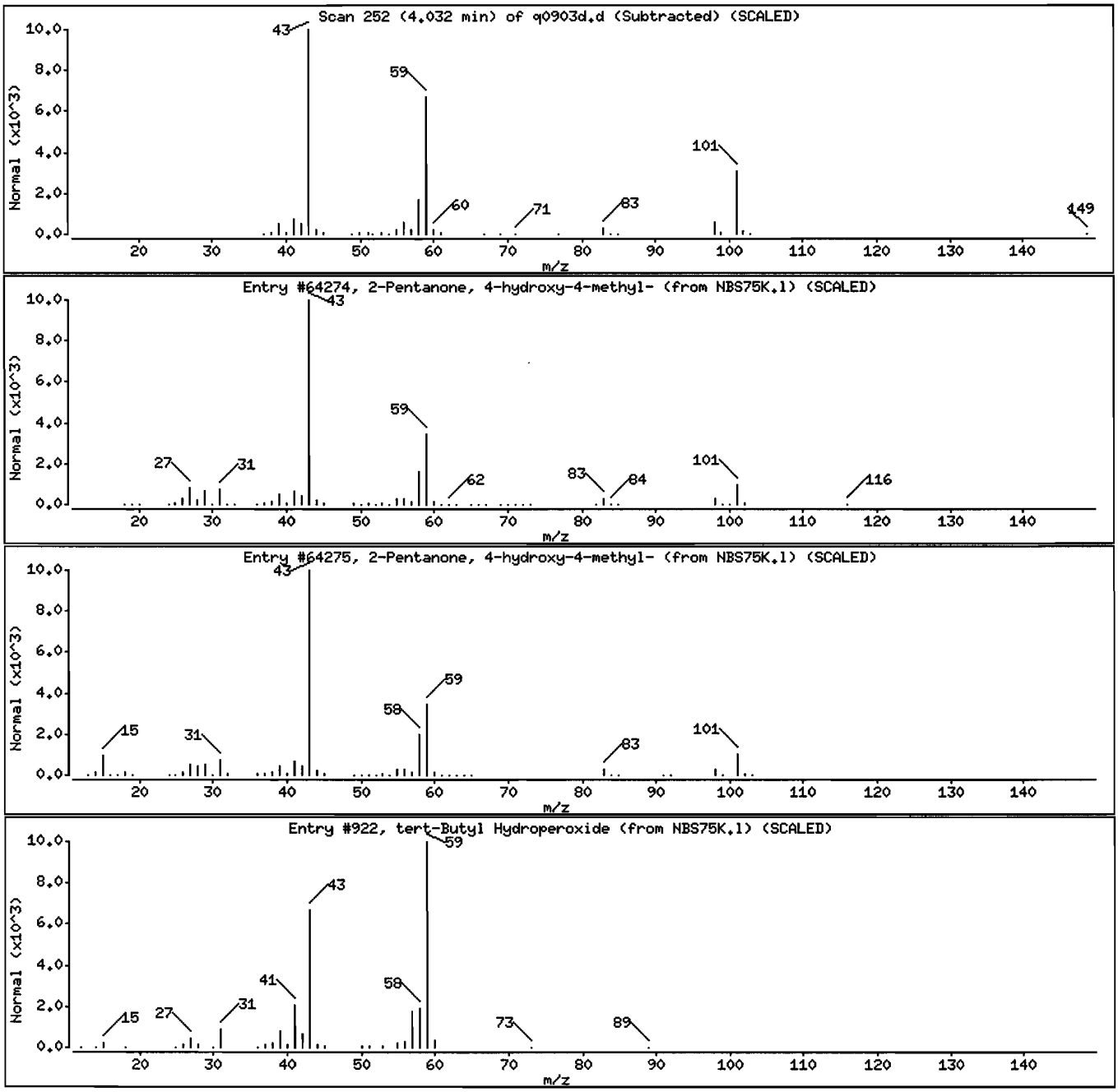
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64274	64	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NBS75K.l	64275	39	C6H12O2	116
tert-Butyl Hydroperoxide	75-91-2	NBS75K.l	922	28	C4H10O2	90



Data File: /chem/P.i/Psvr.p/pafa8270.b/q0903d.d

Date : 30-SEP-2006 14:36

Client ID: D090306LCS

Instrument: P.i

Sample Info:

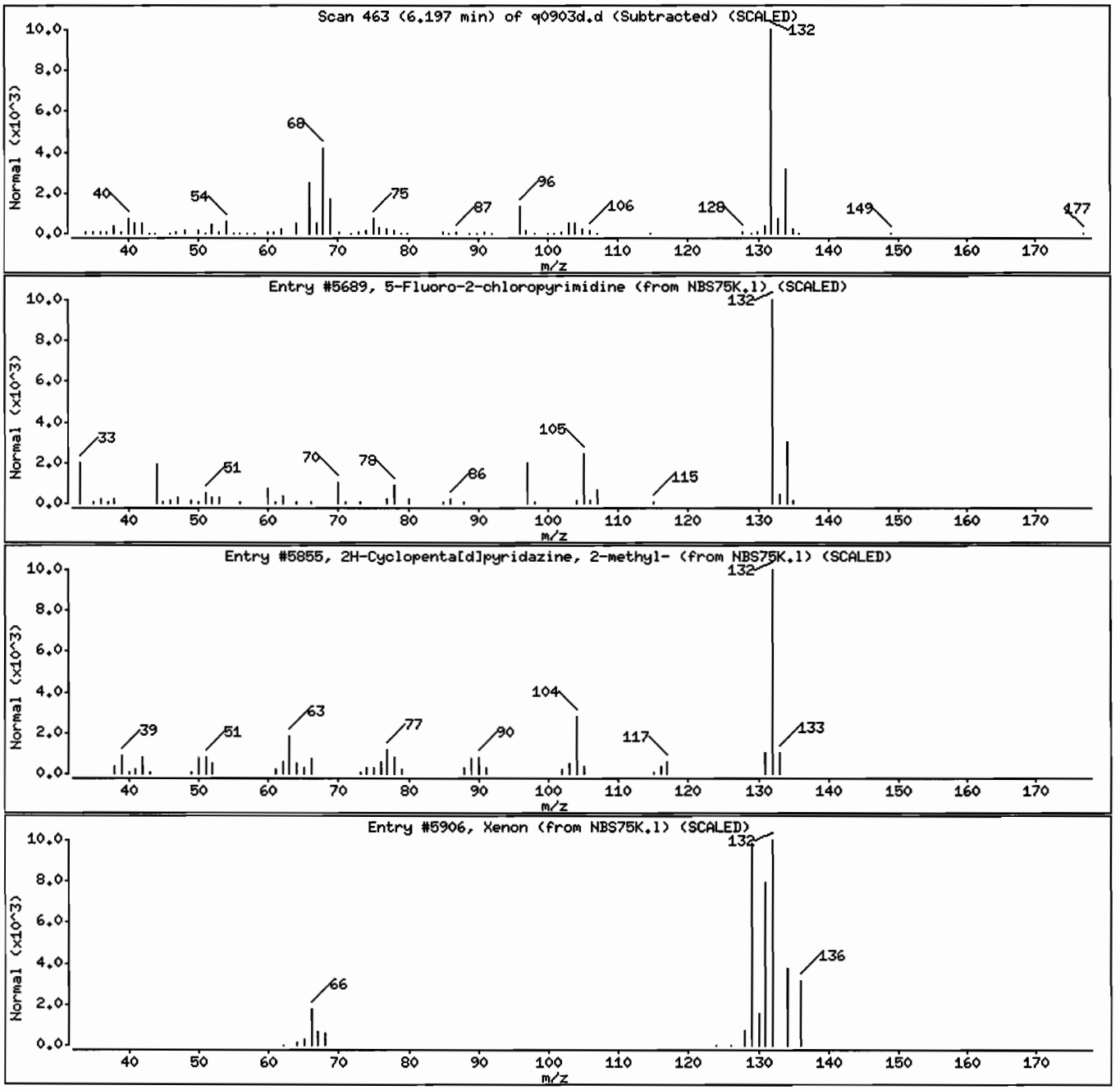
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
5-Fluoro-2-chloropyrimidine	62802-42-0	NBS75K.l	5689	16	C4H2ClFN2	132
2H-Cyclopenta[d]pyridazine, 2-methyl-	22291-85-6	NBS75K.l	5855	12	C8H8N2	132
Xenon	7440-63-3	NBS75K.l	5906	9	Xe	132



Data File: /chem/P.i/Psvr.p/pafa8270.b/q0903d.d

Date : 30-SEP-2006 14:36

Client ID: D090306LCS

Instrument: P.i

Sample Info:

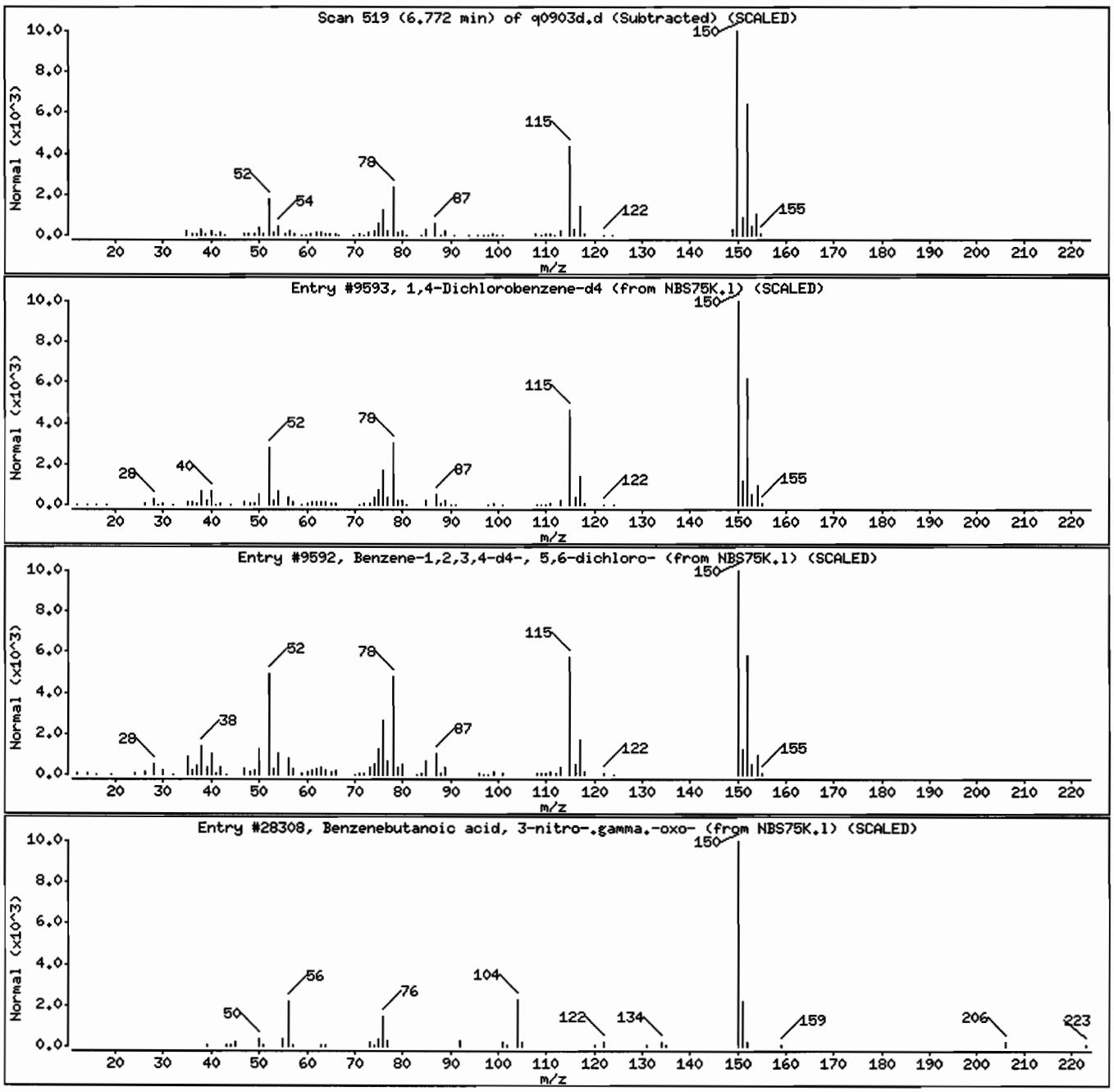
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1,4-Dichlorobenzene-d4	3855-82-1	NBS75K.l	9593	95	C6C12D4	150
Benzene-1,2,3,4-d4-, 5,6-dichloro-	2199-69-1	NBS75K.l	9592	95	C6C12D4	150
Benzenebutanoic acid, 3-nitro-.gamma.-ox	6328-00-3	NBS75K.l	28308	12	C10H9NO5	223



Data File: /chem/P.i/Psvr.p/pafa8270.b/q0903d.d

Date : 30-SEP-2006 14:36

Client ID: D090306LCS

Instrument: P.i

Sample Info:

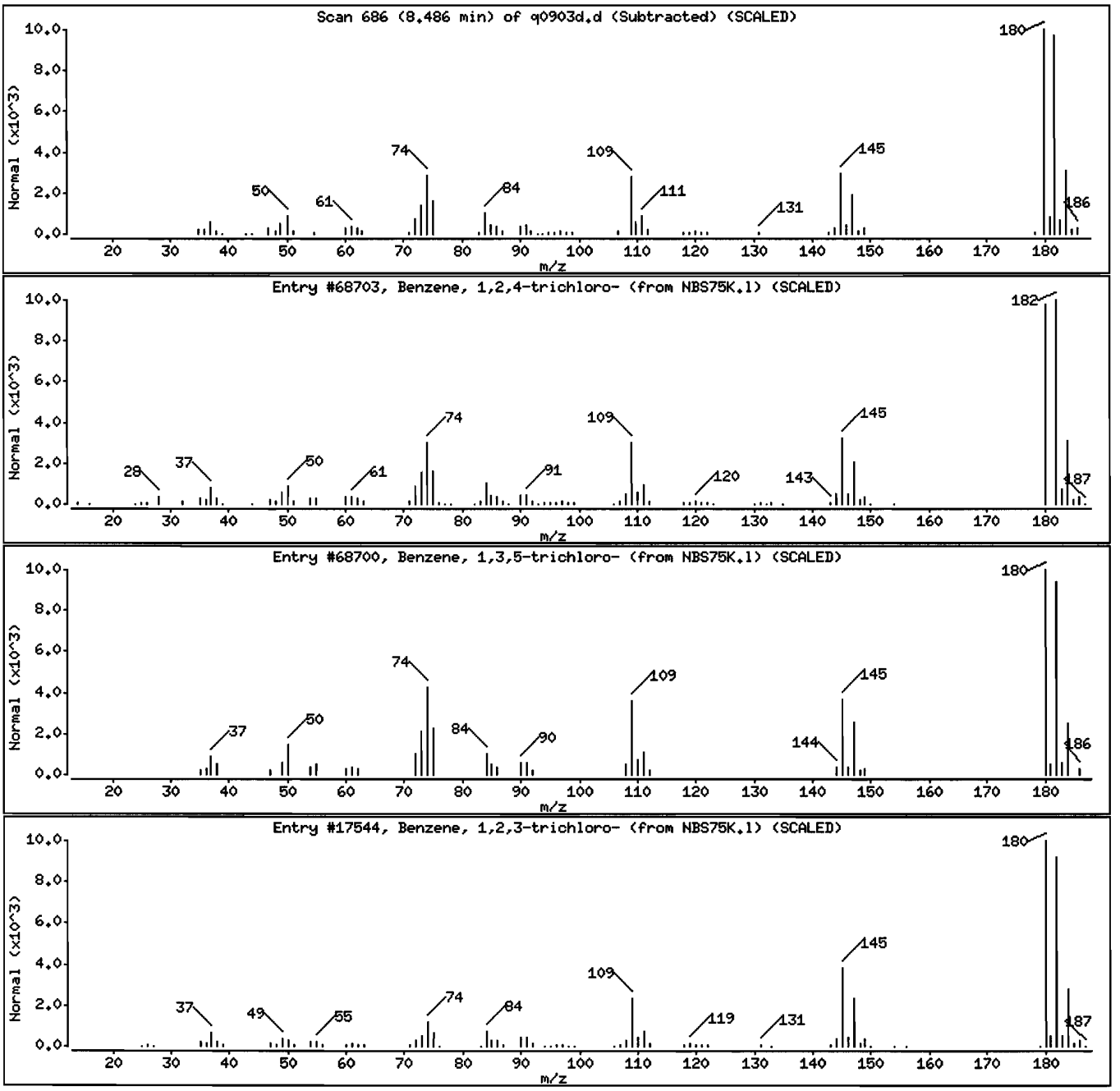
Volume Injected (uL): 1.0

Operator: prp

Column phase: RTx-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, 1,2,4-trichloro-	120-82-1	NBS75K.l	68703	99	C6H3Cl3	180
Benzene, 1,3,5-trichloro-	108-70-3	NBS75K.l	68700	97	C6H3Cl3	180
Benzene, 1,2,3-trichloro-	87-61-6	NBS75K.l	17544	97	C6H3Cl3	180



1LCB

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F090506LCS

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: F090506LCS Date Received: _____

Lab File ID: Q0905F Date Extracted: 09/05/06

Sample Volume: 1000.00 (mL) Date Analyzed: 09/30/06

Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
108-95-2	Phenol	34	
111-44-4	bis(2-Chloroethyl)Ether	18	
95-57-8	2-Chlorophenol	33	
108-60-1	2,2'-oxybis(1-Chloropropane)	5	U
95-48-7	2-Methylphenol	5	U
67-72-1	Hexachloroethane	18	
621-64-7	N-Nitroso-di-n-propylamine	19	
106-44-5	4-Methylphenol	5	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	18	
88-75-5	2-Nitrophenol	5	U
105-67-9	2,4-Dimethylphenol	5	U
111-91-1	bis(2-Chloroethoxy)methane	5	U
120-83-2	2,4-Dichlorophenol	5	U
91-20-3	Naphthalene	18	
106-47-8	4-Chloroaniline	26	
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-Methylphenol	5	U
91-57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2,4,6-Trichlorophenol	37	
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	5	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	5	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	5	U
83-32-9	Acenaphthene	5	U
99-09-2	3-Nitroaniline	20	U

1LCC

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

F090506LCS

Lab Name: STL BURLINGTON Contract: 26001

Lab Code: STLVT Case No.: ERMRAECO SAS No.: SDG No.: 213609

Lab Sample ID: F090506LCS Date Received: _____

Lab File ID: Q0905F Date Extracted: 09/05/06

Sample Volume: 1000.00 (mL) Date Analyzed: 09/30/06

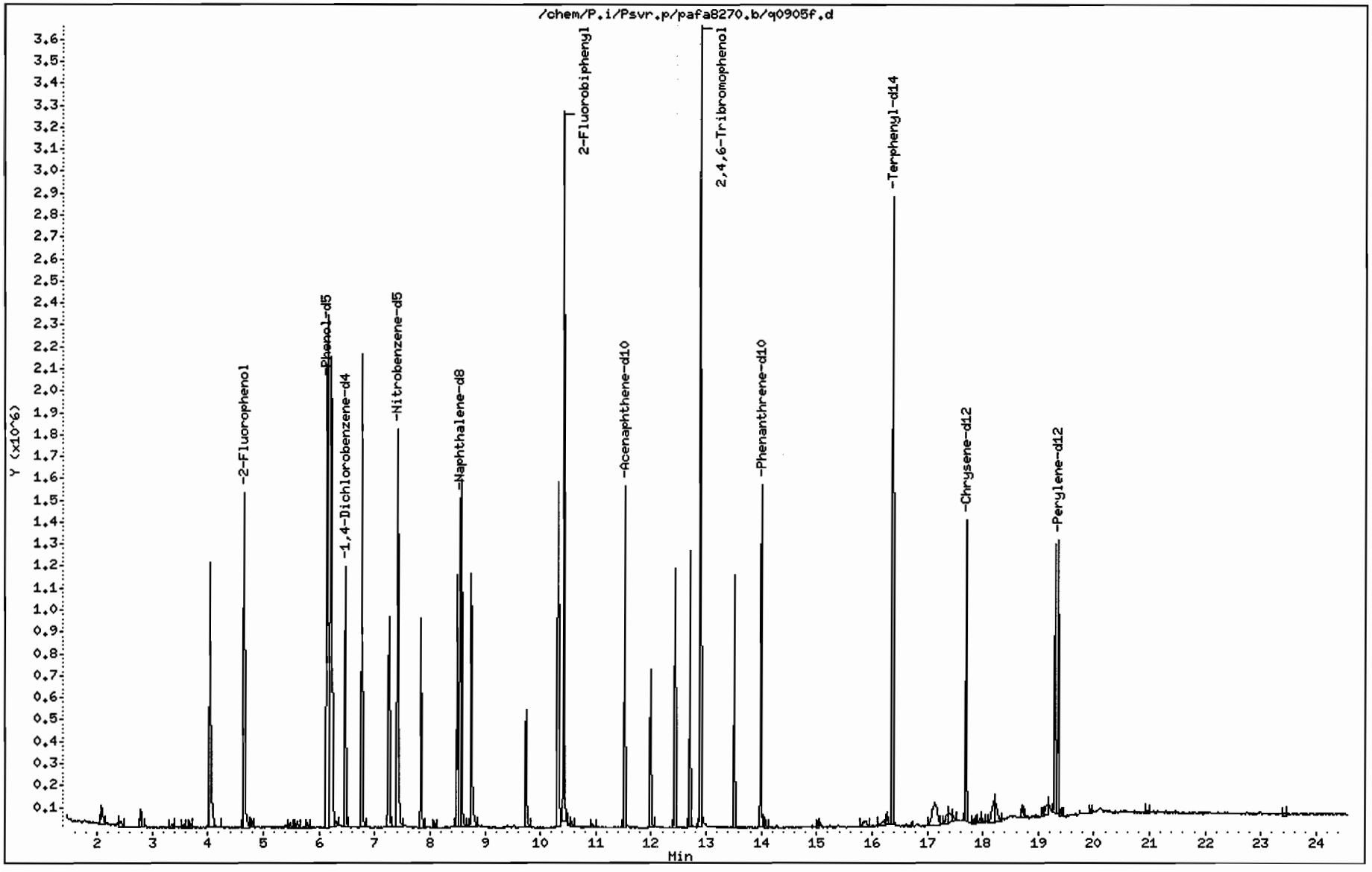
Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0

Injection Volume: 1 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
51-28-5	2,4-Dinitrophenol	20	U
132-64-9	Dibenzofuran	5	U
100-02-7	4-Nitrophenol	20	U
121-14-2	2,4-Dinitrotoluene	16	
86-73-7	Fluorene	5	U
84-66-2	Diethylphthalate	20	
7005-72-3	4-Chlorophenyl-phenylether	5	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-nitrosodiphenylamine (1)	19	
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	19	
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
56-55-3	Benzo(a)anthracene	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)phthalate	5	U
117-84-0	Di-n-octylphthalate	5	U
205-99-2	Benzo(b)fluoranthene	5	U
207-08-9	Benzo(k)fluoranthene	5	U
50-32-8	Benzo(a)pyrene	16	
193-39-5	Indeno(1,2,3-cd)pyrene	5	U
53-70-3	Dibenz(a,h)anthracene	5	U
191-24-2	Benzo(g,h,i)perylene	5	U

(1) - Cannot be separated from Diphenylamine

Data File: /chem/P.i/Psvr.p/pafa8270.b/q0905f.d
Date : 30-SEP-2006 19:39
Client ID: F090506LCS
Instrument: P.i
Sample Info:
Volume Injected (uL): 1.0
Operator: prp
Column phase: RTx-5
Column diameter: 0.25



STL Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/P.i/Psvr.p/pafa8270.b/q0905f.d
Lab Smp Id: F090506LCS Client Smp ID: F090506LCS
Inj Date : 30-SEP-2006 19:39
Operator : prp Inst ID: P.i
Smp Info :
Misc Info : F090506LCS,0188_MBLK090506F,1
Comment :
Method : /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Meth Date : 02-Oct-2006 13:44 je Quant Type: ISTD
Cal Date : 30-SEP-2006 14:02 Cal File: paf020.d
Als bottle: 10 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLC.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
$	2	2-Fluorophenol	112	4.647	4.630	(0.718)	799430	36.4833	36
$	4	Phenol-d5	99	6.136	6.118	(0.948)	1050389	39.1874	39
	5	Phenol	94	6.156	6.139	(0.951)	926687	33.5795	34
	6	bis(2-Chloroethyl)Ether	93	6.166	6.149	(0.952)	397996	17.9858	18
	8	2-Chlorophenol	128	6.228	6.210	(0.962)	745568	33.1239	33
*	10	1,4-Dichlorobenzene-d4	152	6.474	6.467	(1.000)	271837	20.0000	
	15	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	16	2-Methylphenol	108	Compound Not Detected.					
	17	Hexachloroethane	117	7.265	7.257	(1.122)	174106	17.8878	18
	18	N-Nitroso-di-n-propylamine	70	7.254	7.247	(1.120)	278857	18.8525	19
	19	4-Methylphenol	108	Compound Not Detected.					
$	20	Nitrobenzene-d5	82	7.418	7.401	(0.868)	886952	40.1557	40
	21	Nitrobenzene	77	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	22 Isophorone	82	7.839	7.832	(0.917)	698897	17.7175	18
	23 2-Nitrophenol	139	Compound Not Detected.					
	24 2,4-Dimethylphenol	107	Compound Not Detected.					
	25 bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	26 2,4-Dichlorophenol	162	Compound Not Detected.					
*	29 Naphthalene-d8	136	8.547	8.530	(1.000)	1019207	20.0000	
	30 Naphthalene	128	8.578	8.561	(1.004)	1047845	17.9792	18
	31 4-Chloroaniline	127	8.753	8.745	(1.024)	609703	25.9473	26
	32 Hexachlorobutadiene	224	Compound Not Detected.					
	33 4-Chloro-3-Methylphenol	107	Compound Not Detected.					
	34 2-Methylnaphthalene	142	Compound Not Detected.					
	35 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	36 2,4,6-Trichlorophenol	196	10.323	10.305	(0.896)	400615	36.6782	37
	37 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	38 2-Fluorobiphenyl	172	10.426	10.418	(0.905)	1403294	38.0759	38
	39 2-Chloronaphthalene	162	Compound Not Detected.					
	40 2-Nitroaniline	65	Compound Not Detected.					
	42 Acenaphthylene	152	Compound Not Detected.					
	41 Dimethylphthalate	163	Compound Not Detected.					
	43 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	44 Acenaphthene-d10	164	11.524	11.516	(1.000)	521527	20.0000	
	45 Acenaphthene	153	Compound Not Detected.					
	46 3-Nitroaniline	138	Compound Not Detected.					
	47 2,4-Dinitrophenol	184	Compound Not Detected.					
	48 Dibenzofuran	168	Compound Not Detected.					
	49 4-Nitrophenol	109	Compound Not Detected.					
	50 2,4-Dinitrotoluene	165	11.986	11.978	(1.040)	201608	16.2140	16
	51 Fluorene	166	Compound Not Detected.					
	52 Diethylphthalate	149	12.437	12.430	(1.079)	704024	20.3869	20
	53 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	54 4-Nitroaniline	138	Compound Not Detected.					
	55 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	56 N-nitrosodiphenylamine	169	12.704	12.697	(0.908)	457565	18.5790	19
$	57 2,4,6-Tribromophenol	330	12.899	12.892	(0.922)	613380	102.463	100(A)
	58 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	59 Hexachlorobenzene	284	13.515	13.507	(0.966)	234021	18.6051	19
	60 Pentachlorophenol	265	Compound Not Detected.					
*	61 Phenanthrene-d10	188	13.997	13.990	(1.000)	768284	20.0000	
	62 Phenanthrene	178	Compound Not Detected.					
	63 Anthracene	178	Compound Not Detected.					
	65 Di-n-butylphthalate	149	Compound Not Detected.					
	66 Fluoranthene	202	Compound Not Detected.					
	67 Pyrene	202	Compound Not Detected.					
$	68 Terphenyl-d14	244	16.378	16.361	(0.925)	1343100	39.9376	40
	69 Butylbenzylphthalate	149	Compound Not Detected.					
	70 Benzo(a)anthracene	228	Compound Not Detected.					
*	71 Chrysene-d12	240	17.702	17.695	(1.000)	615153	20.0000	
	72 3,3'-Dichlorobenzidine	252	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
73	Chrysene	228	Compound Not Detected.					
74	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
75	Di-n-octylphthalate	149	Compound Not Detected.					
76	Benzo(b)fluoranthene	252	Compound Not Detected.					
77	Benzo(k)fluoranthene	252	Compound Not Detected.					
78	Benzo(a)pyrene	252	19.293	19.296	(0.997)	576156	15.6596	16
* 79	Perylene-d12	264	19.354	19.357	(1.000)	532088	20.0000	
80	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
81	Dibenz(a,h)anthracene	278	Compound Not Detected.					
82	Benzo(g,h,i)perylene	276	Compound Not Detected.					

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

STL Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: P.i
Lab File ID: q0905f.d
Lab Smp Id: F090506LCS
Analysis Type: SV
Quant Type: ISTD
Operator: prp
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: F090506LCS,0188_MBLK090506F,1

Calibration Date: 30-SEP-2006
Calibration Time: 14:02
Client Smp ID: F090506LCS
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	234993	117496	469986	271837	15.68
29 Naphthalene-d8	864971	432486	1729942	1019207	17.83
44 Acenaphthene-d10	443503	221752	887006	521527	17.59
61 Phenanthrene-d10	632401	316200	1264802	768284	21.49
71 Chrysene-d12	556585	278292	1113170	615153	10.52
79 Perylene-d12	565792	282896	1131584	532088	-5.96

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
10 1,4-Dichlorobenze	6.47	6.14	6.80	6.47	0.11
29 Naphthalene-d8	8.53	8.20	8.86	8.55	0.21
44 Acenaphthene-d10	11.52	11.19	11.85	11.52	0.06
61 Phenanthrene-d10	13.99	13.66	14.32	14.00	0.05
71 Chrysene-d12	17.69	17.36	18.02	17.70	0.04
79 Perylene-d12	19.36	19.03	19.69	19.35	-0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.33 minutes of internal standard RT.
RT LOWER LIMIT = - 0.33 minutes of internal standard RT.

STL Burlington

RECOVERY REPORT

Client Name: STLVT
Sample Matrix: LIQUID
Lab Smp Id: F090506LCS
Level: LOW
Data Type: MS DATA
SpikeList File: OLClcs.spk
Sublist File: OLC.sub
Method File: /chem/P.i/Psvr.p/pafa8270.b/colc02.m
Misc Info: F090506LCS,0188_MBLK090506F,1

Client SDG: pafa8270
Fraction: SV
Client Smp ID: F090506LCS
Operator: prp
SampleType: LCS
Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
5 Phenol	40	34	83.95	40-120
6 bis(2-Chloroethyl)	20	18	89.93	50-110
8 2-Chlorophenol	40	33	82.81	50-110
18 N-Nitroso-di-n-pro	20	19	94.26	30-110
17 Hexachloroethane	20	18	89.44	20-110
22 Isophorone	20	18	88.59	50-110
30 Naphthalene	20	18	89.90	30-110
31 4-Chloroaniline	40	26	64.87	10-120
36 2,4,6-Trichlorophe	40	37	91.70	40-120
50 2,4-Dinitrotoluene	20	16	81.07	30-120
52 Diethylphthalate	20	20	101.93	50-120
56 N-nitrosodiphenyla	20	19	92.90	30-110
59 Hexachlorobenzene	20	19	93.03	40-120
78 Benzo(a)pyrene	20	16	78.30	50-120

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 2 2-Fluorophenol	40	36	91.21	15-121
$ 4 Phenol-d5	40	39	97.97	15-115
$ 20 Nitrobenzene-d5	40	40	100.39	23-120
$ 38 2-Fluorobiphenyl	40	38	95.19	30-115
$ 57 2,4,6-Tribromophen	120	100	85.39	15-130
$ 68 Terphenyl-d14	40	40	99.84	18-140

Data File: /chem/P.i/Psvr.p/pafa8270.b/q0905f.d

Date : 30-SEP-2006 19:39

Client ID: F090506LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

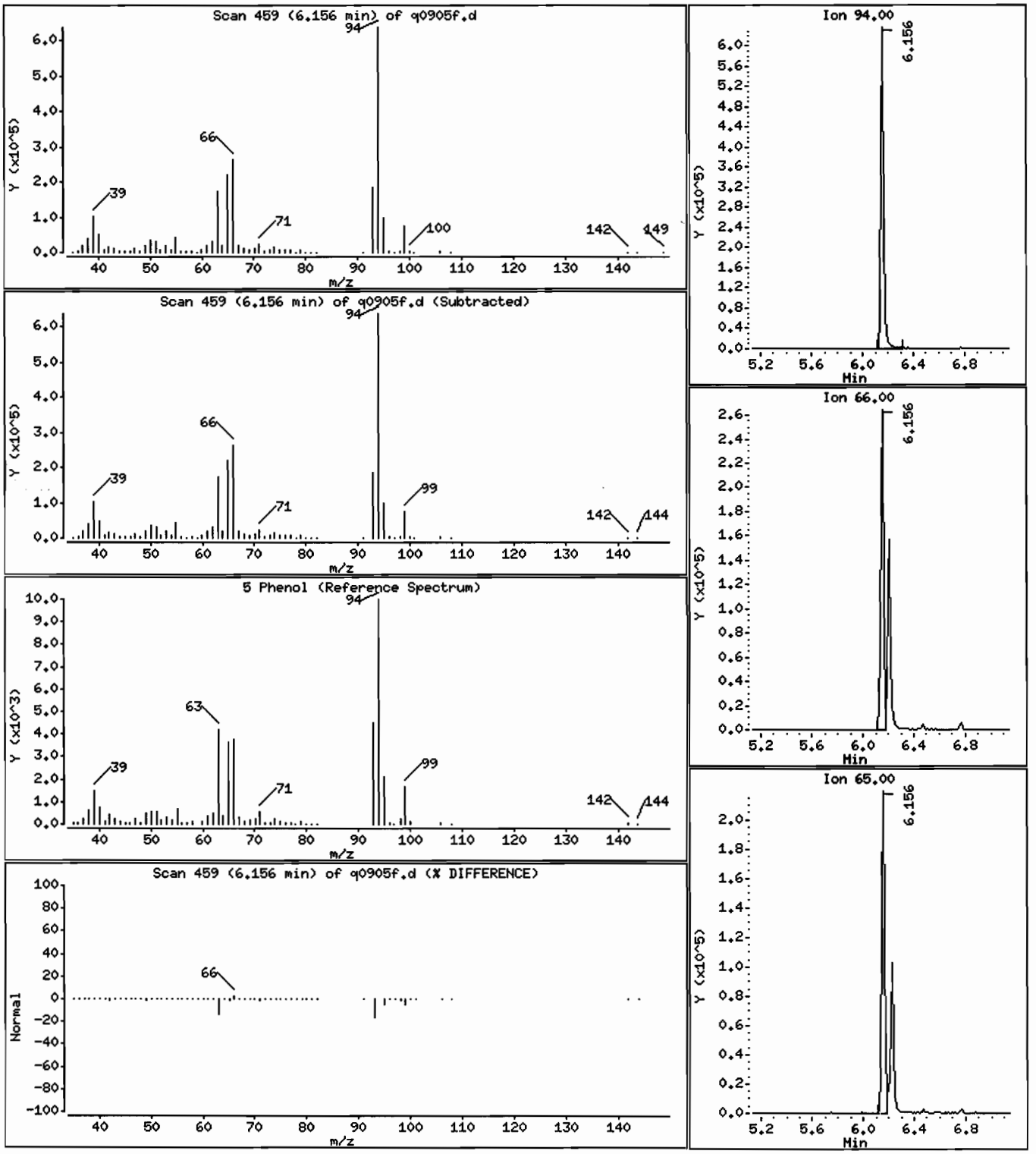
Operator: prp

Column phase: RTx-5

Column diameter: 0.25

5 Phenol

Concentration: 34 ug/L



Data File: /chem/P.i/Psvr.p/pafa8270.b/q0905f.d

Date : 30-SEP-2006 19:39

Client ID: F090506LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

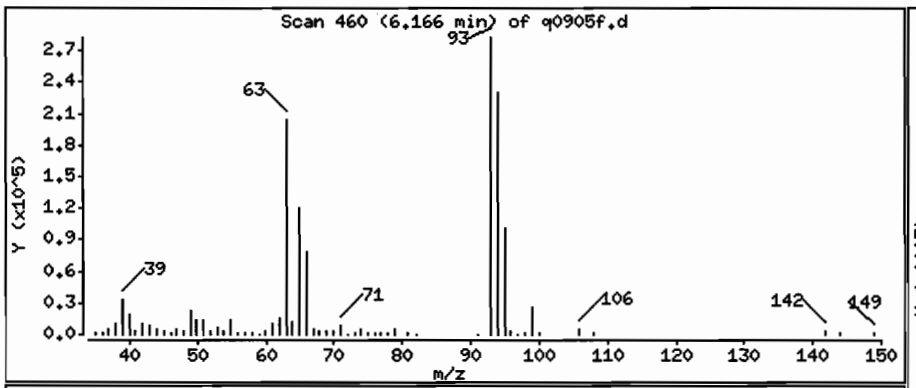
Operator: prp

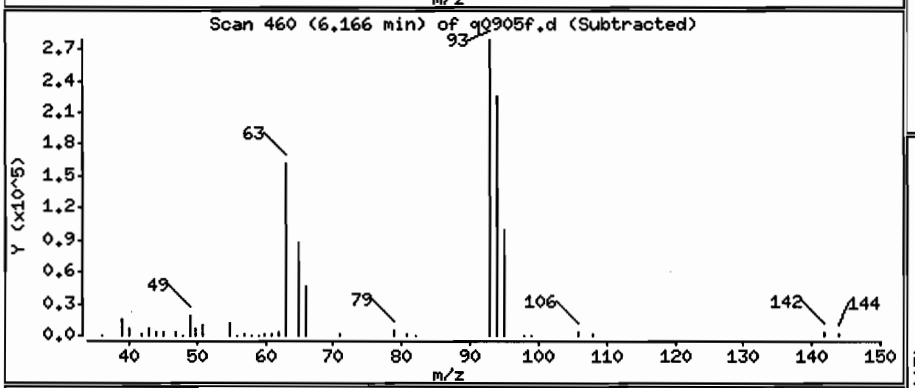
Column phase: RTx-5

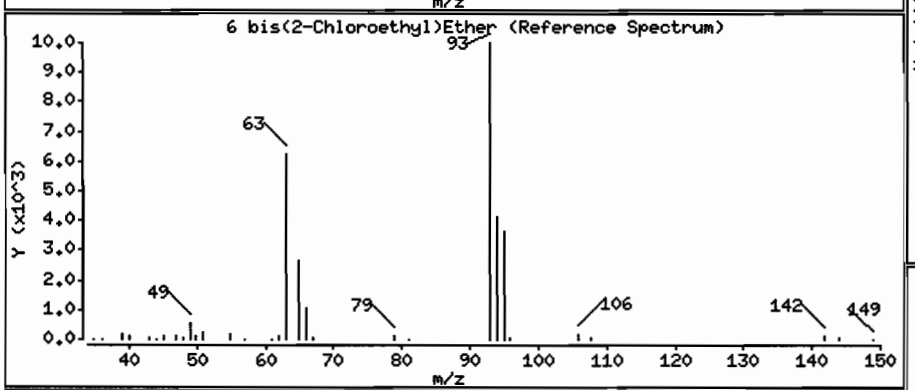
Column diameter: 0.25

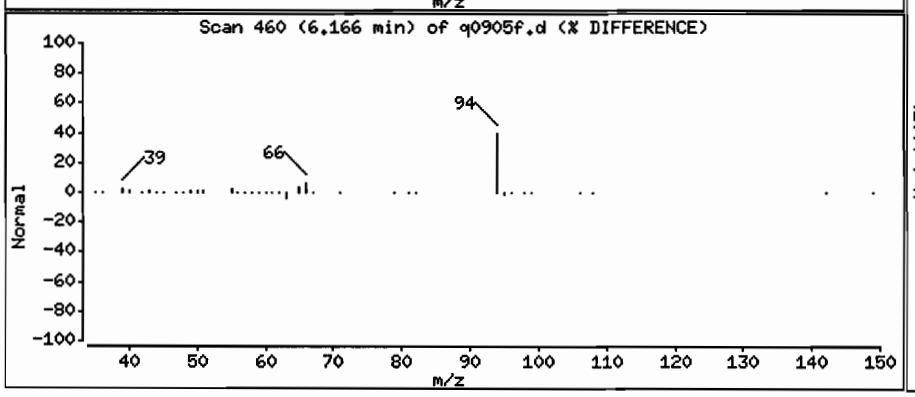
6 bis(2-Chloroethyl)Ether

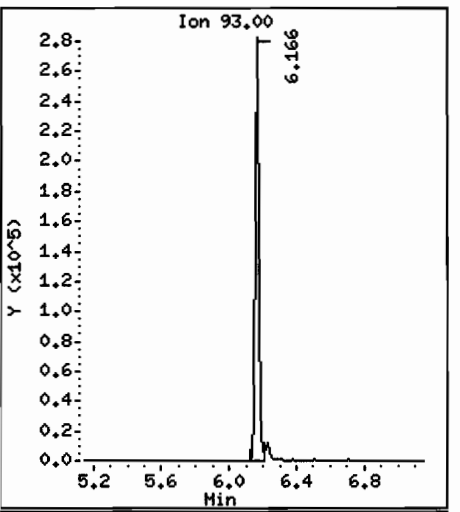
Concentration: 18 ug/L

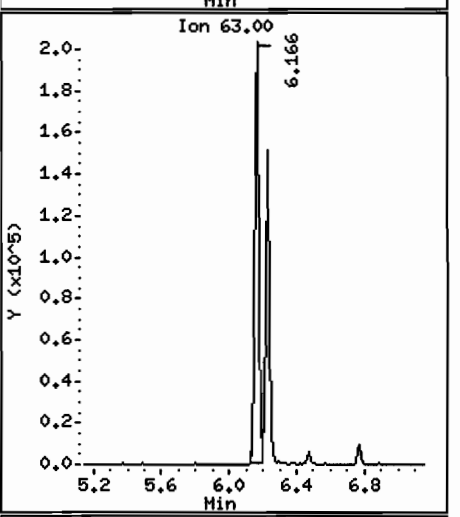


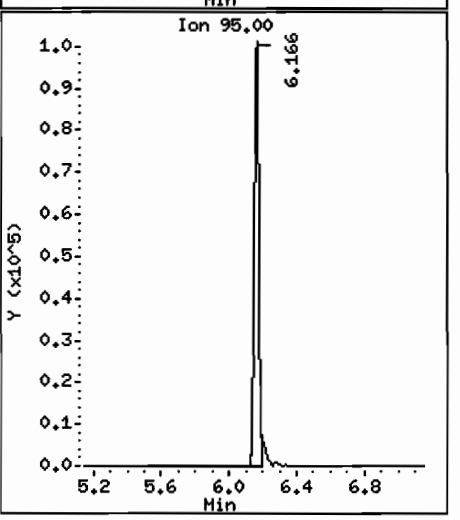












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0905f.d

Date : 30-SEP-2006 19:39

Client ID: F090506LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

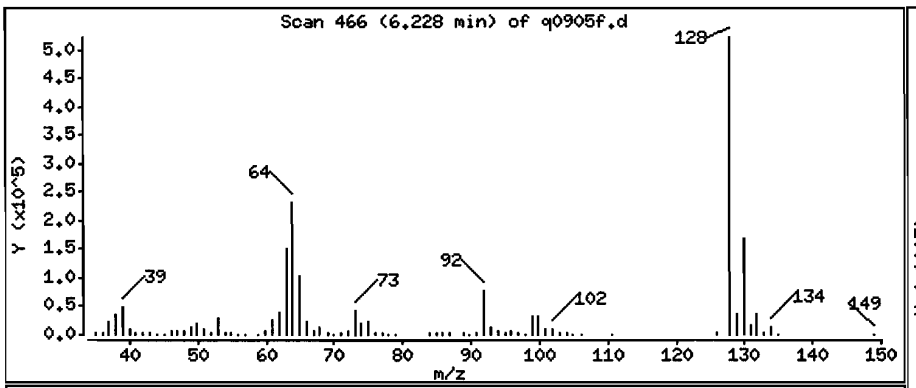
Operator: prp

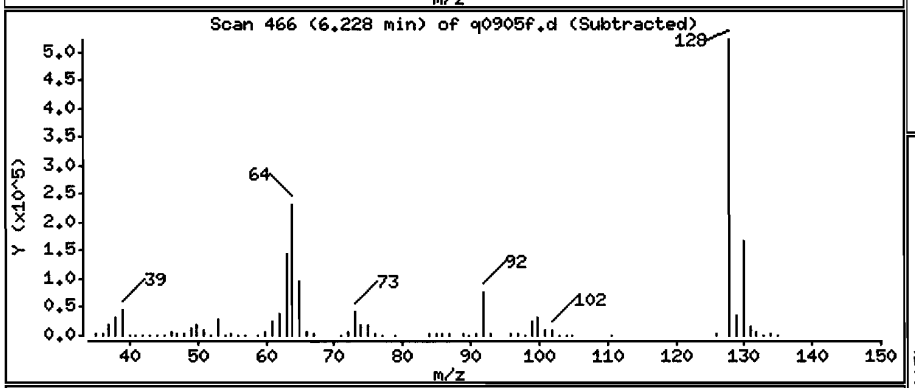
Column phase: RTx-5

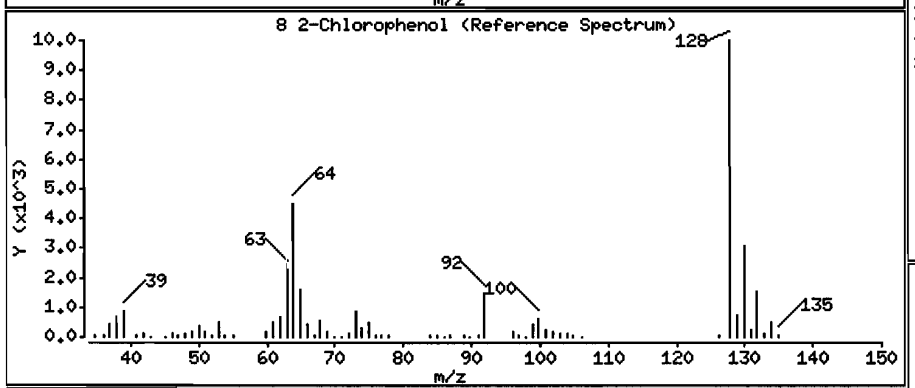
Column diameter: 0.25

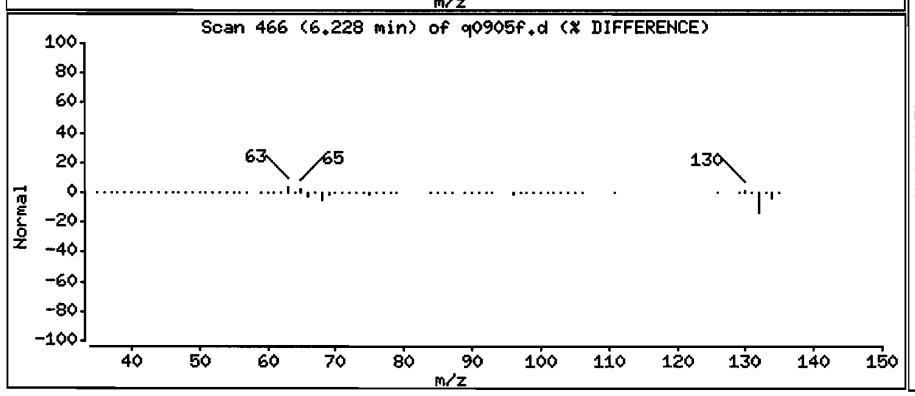
8 2-Chlorophenol

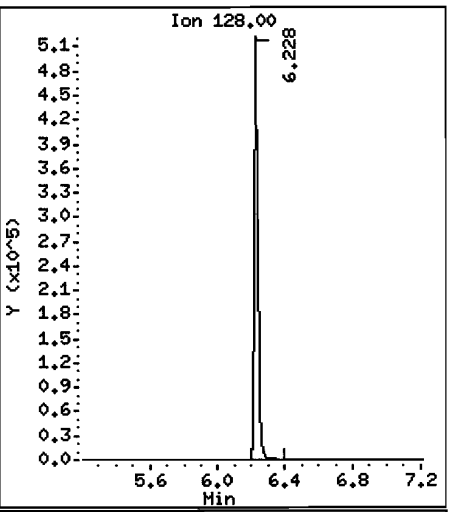
Concentration: 33 ug/L

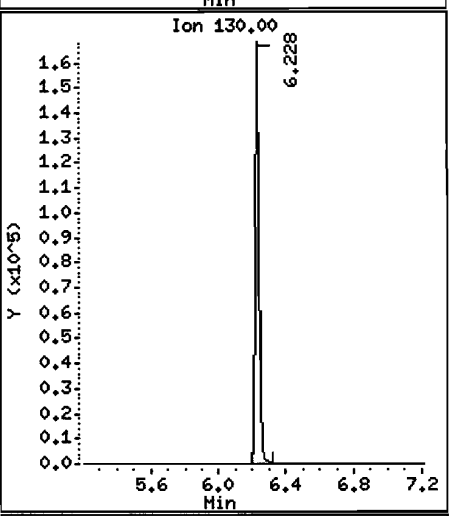


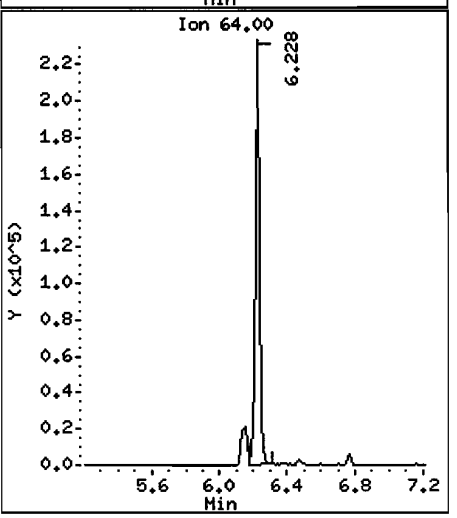












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0905f.d

Date : 30-SEP-2006 19:39

Client ID: F090506LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

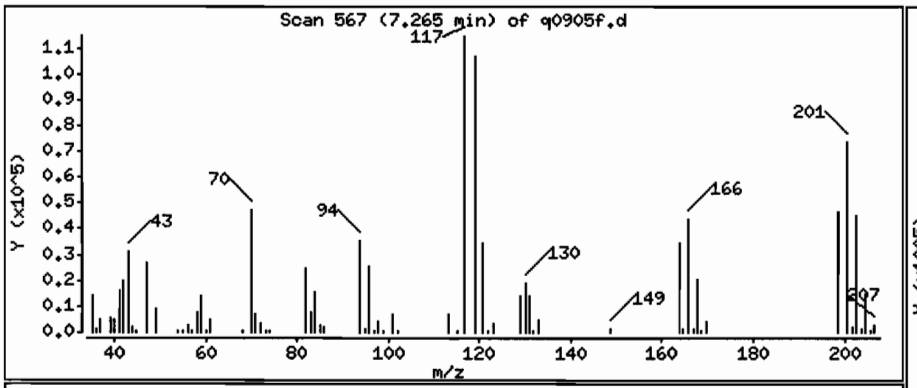
Operator: prp

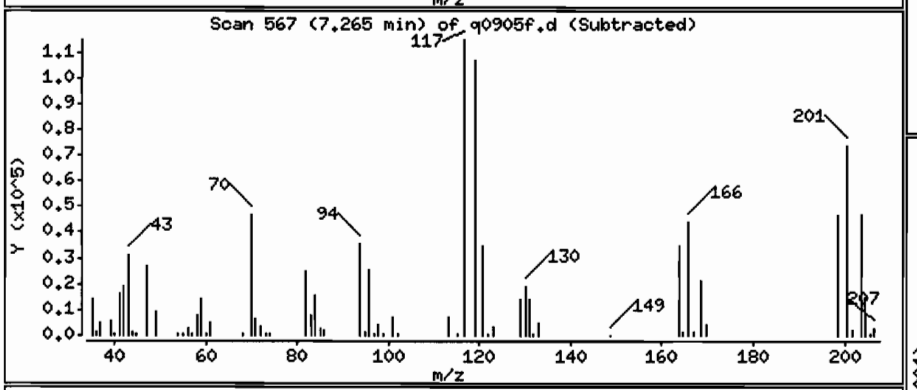
Column phase: RTx-5

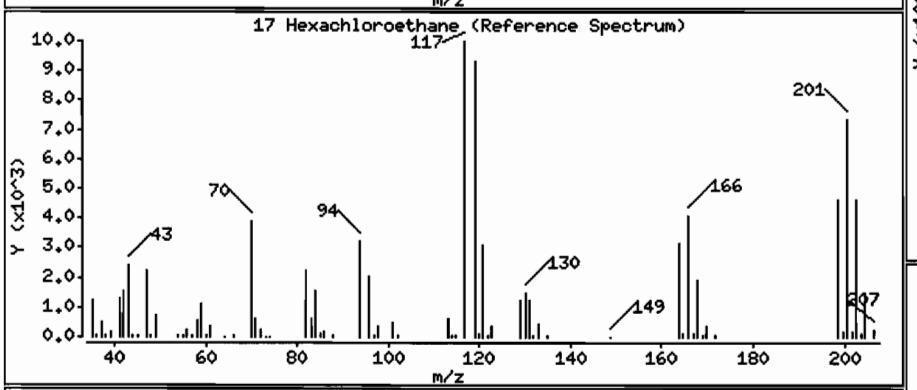
Column diameter: 0.25

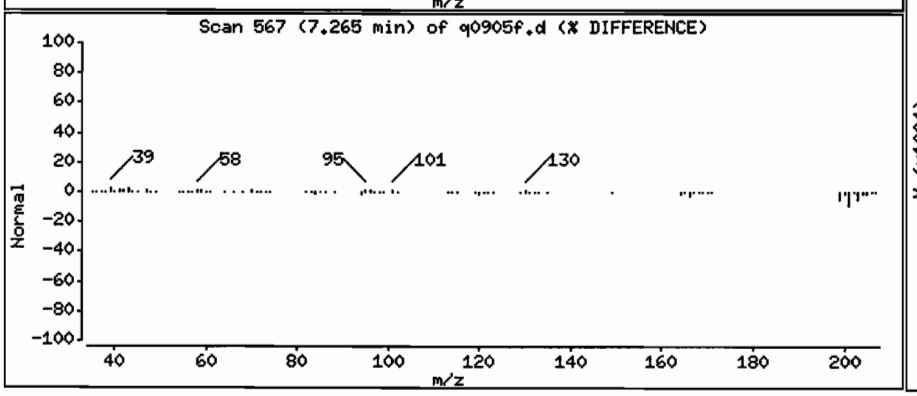
17 Hexachloroethane

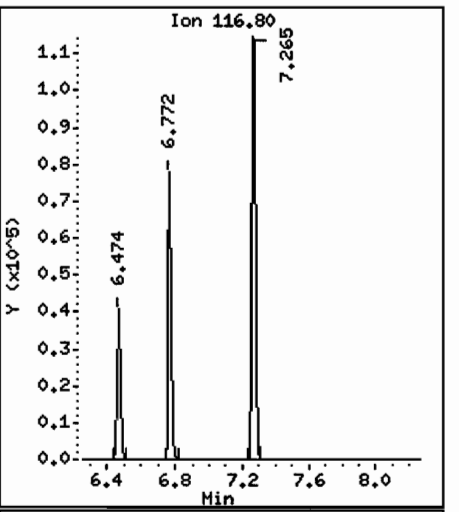
Concentration: 18 ug/L

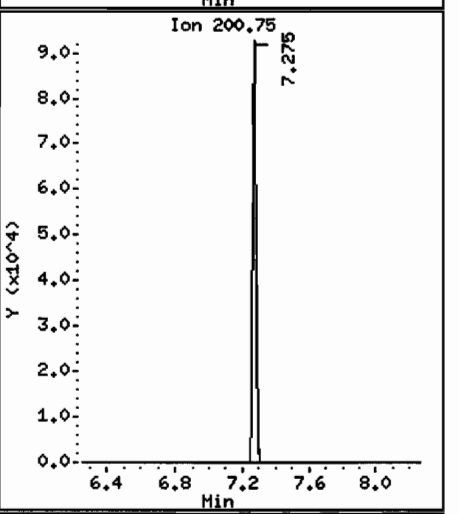


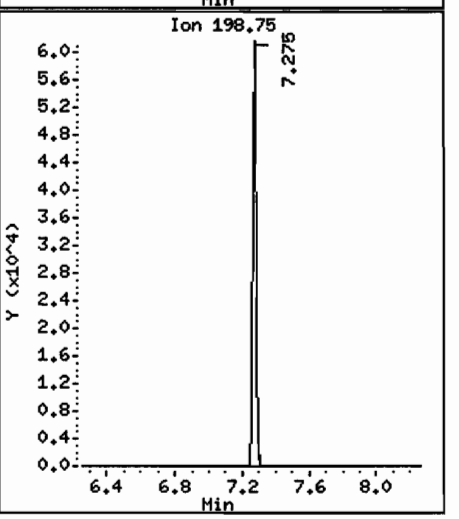












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0905f.d

Date : 30-SEP-2006 19:39

Client ID: F090506LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

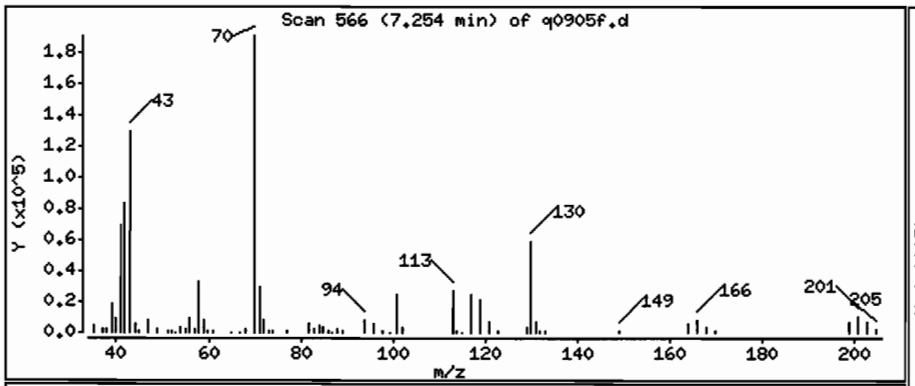
Operator: prp

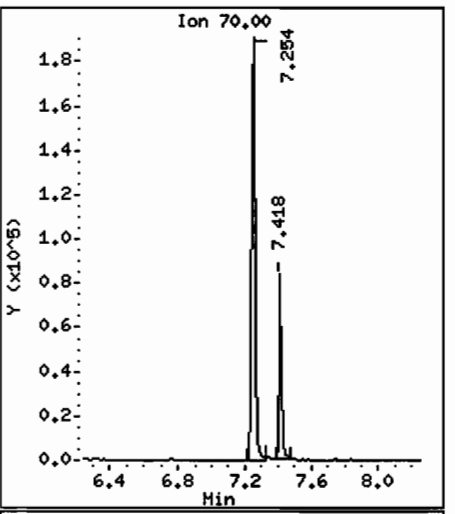
Column phase: RTx-5

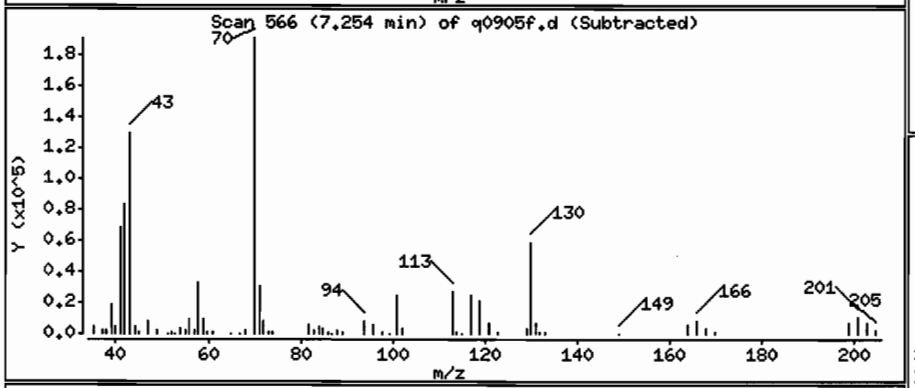
Column diameter: 0.25

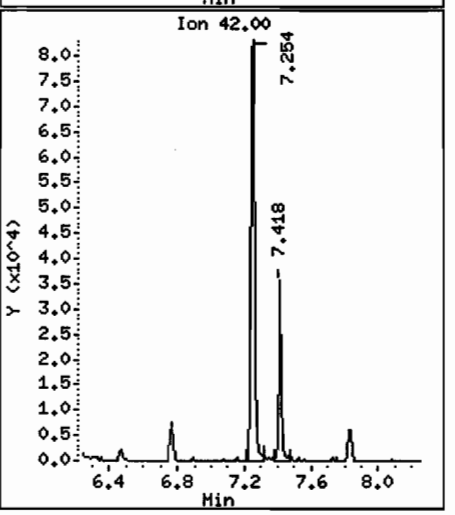
18 N-Nitroso-di-n-propylamine

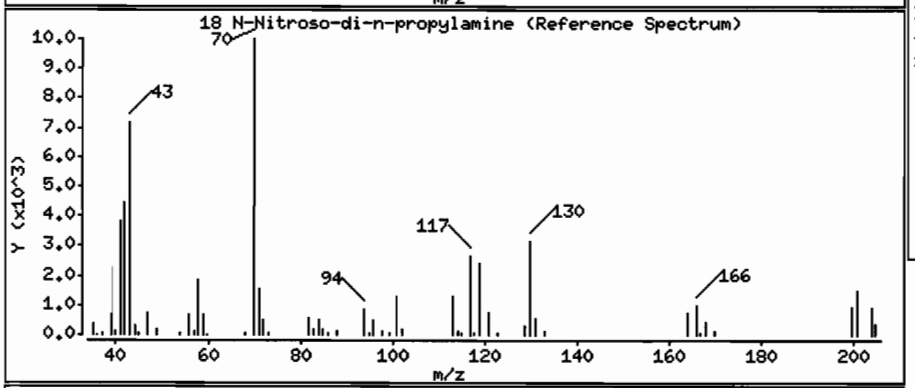
Concentration: 19 ug/L

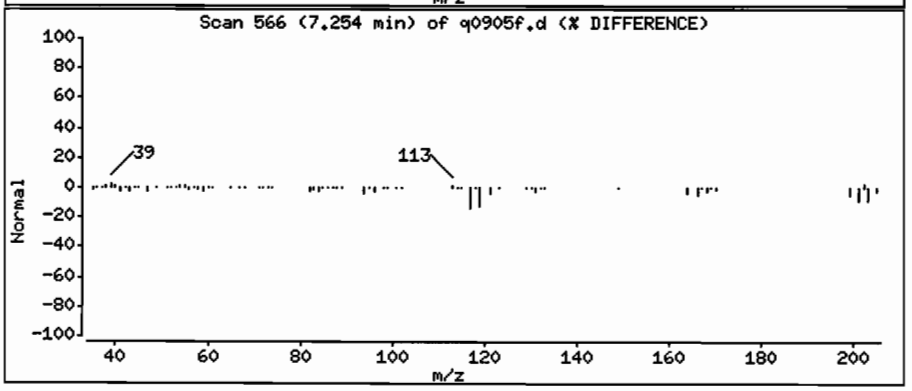












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0905f.d

Date : 30-SEP-2006 19:39

Client ID: F090506LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

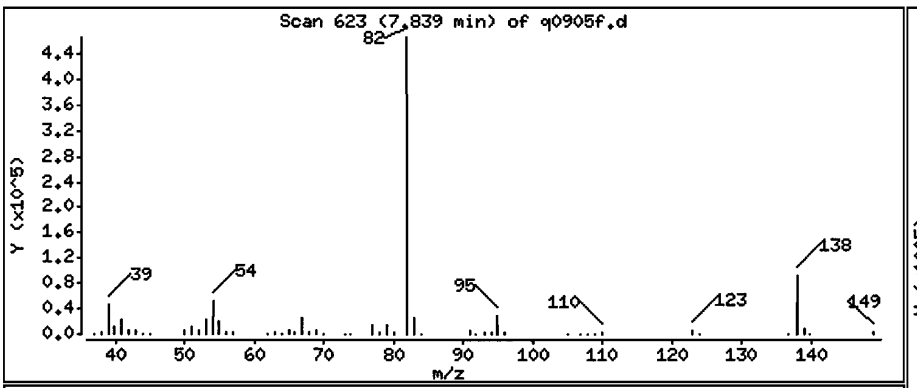
Operator: prp

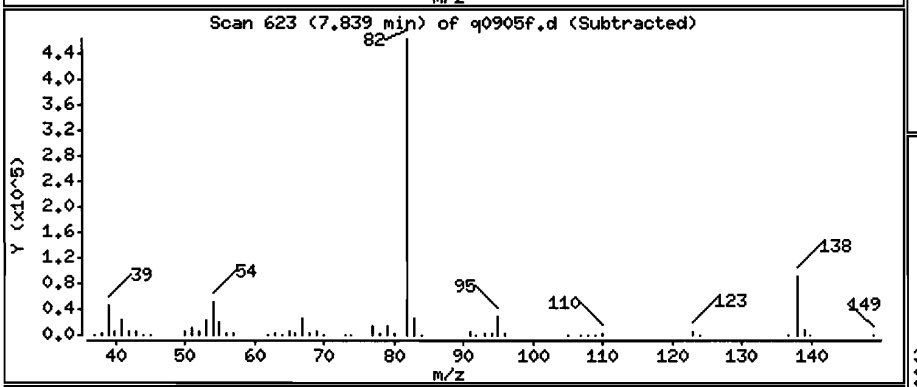
Column phase: RTx-5

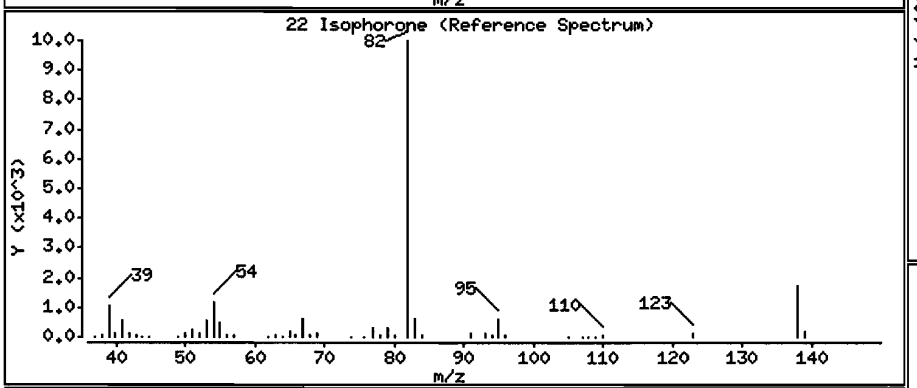
Column diameter: 0.25

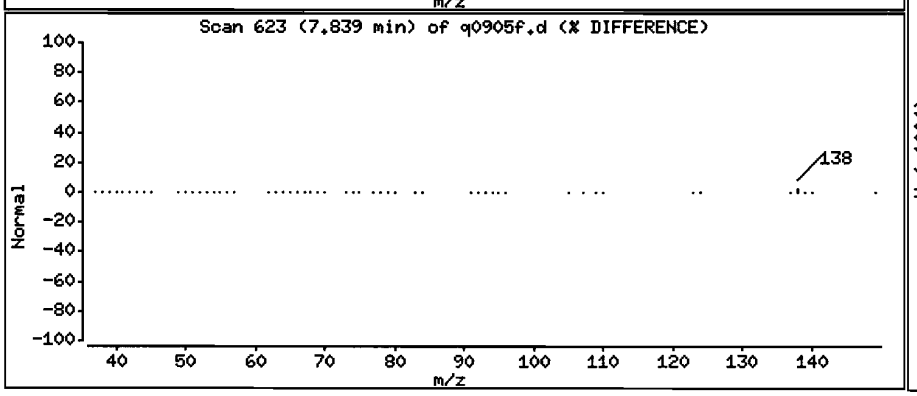
22 Isophorone

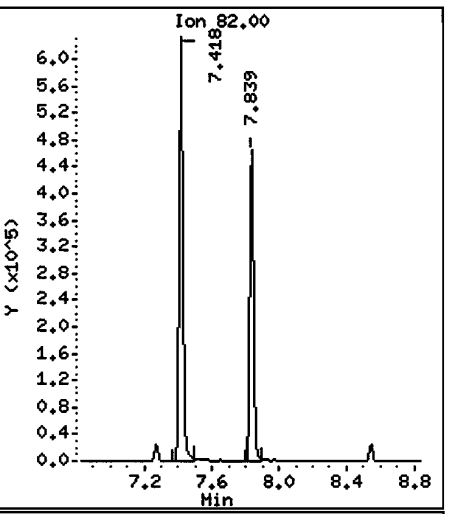
Concentration: 18 ug/L

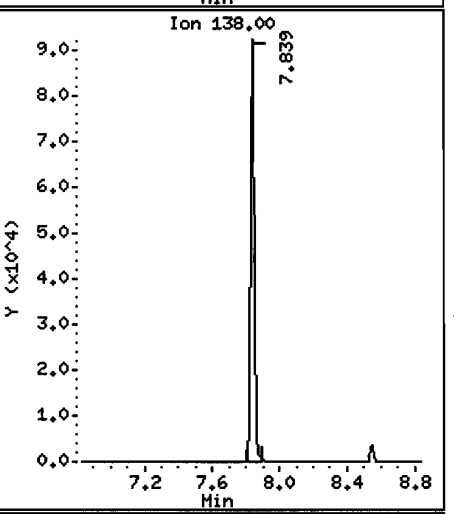


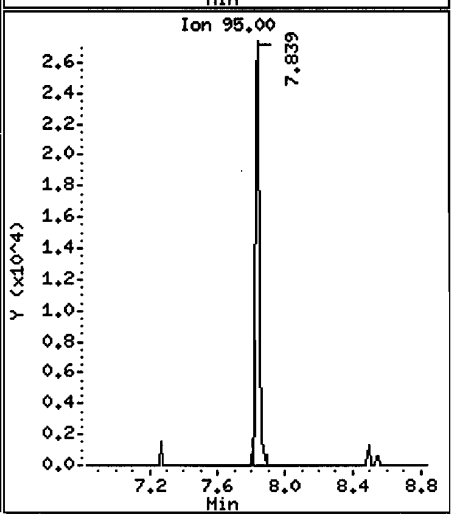












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0905f.d

Date : 30-SEP-2006 19:39

Client ID: F090506LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

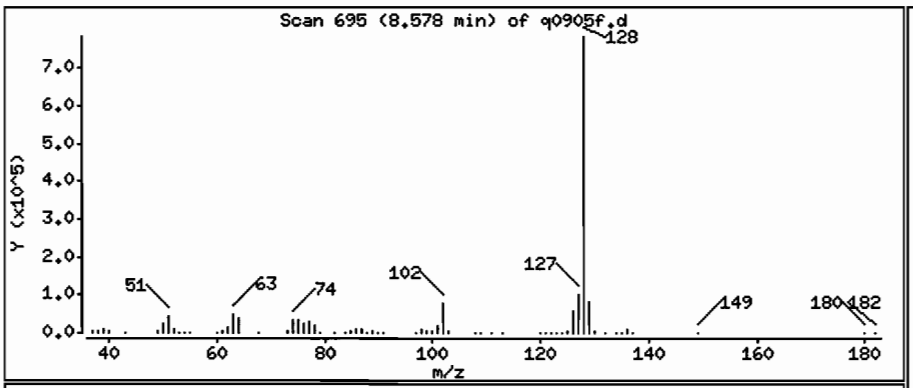
Operator: prp

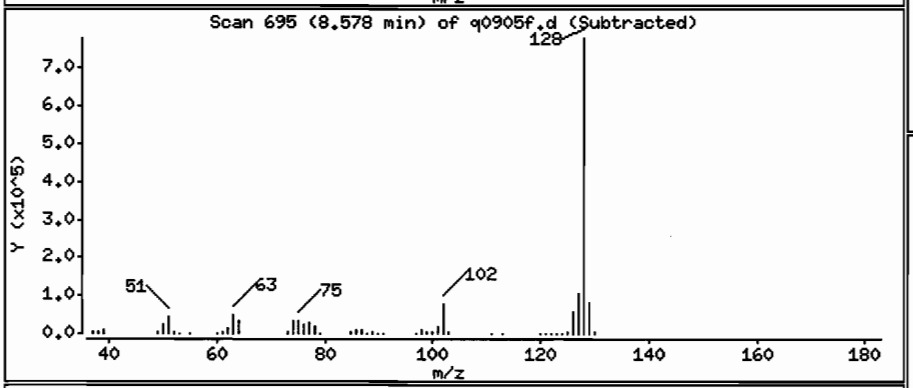
Column phase: RTx-5

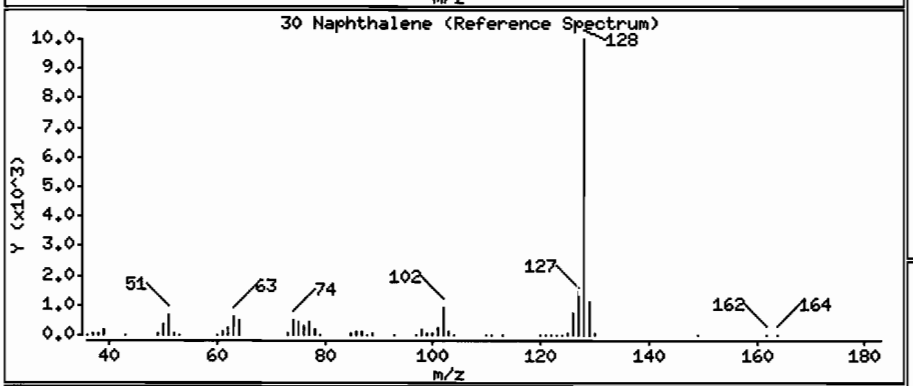
Column diameter: 0.25

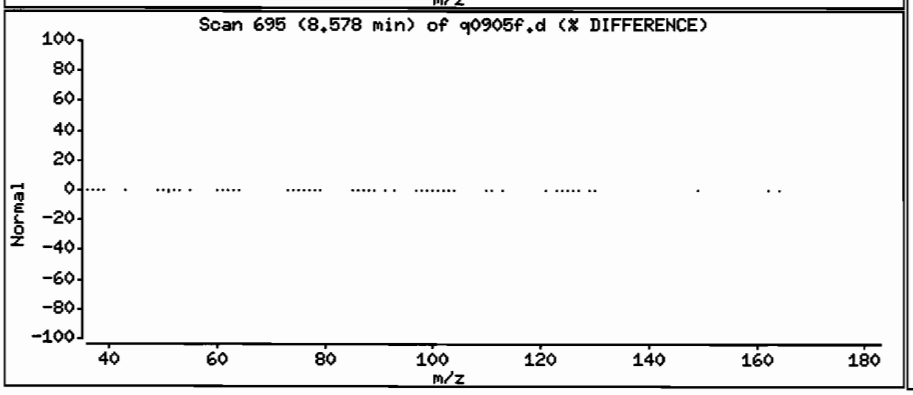
30 Naphthalene

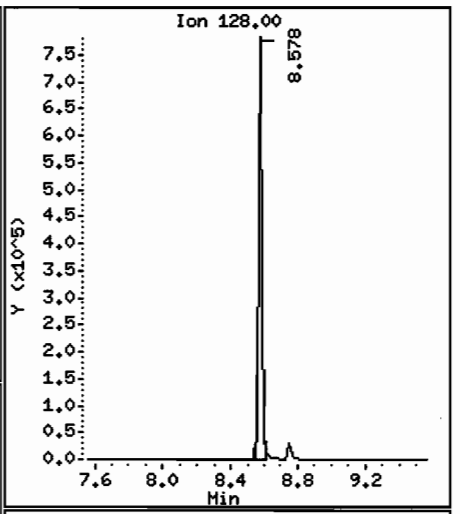
Concentration: 18 ug/L

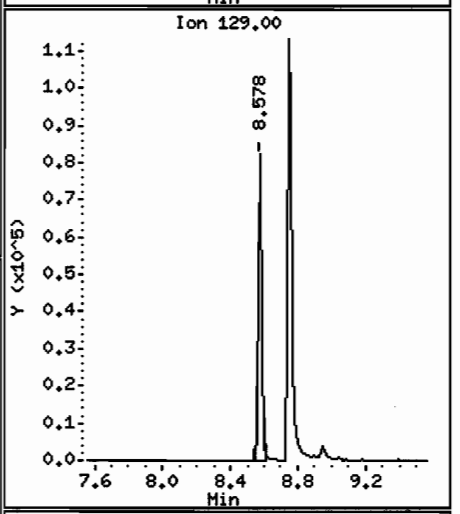


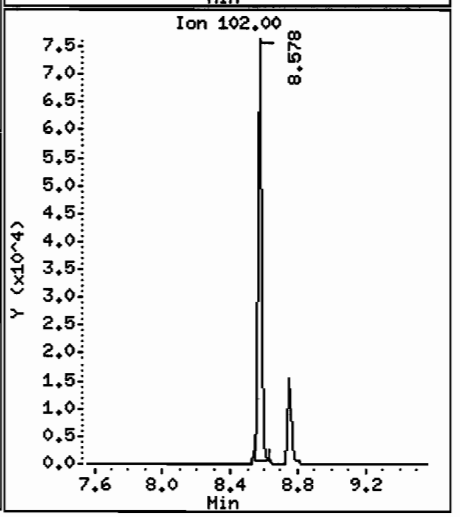












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0905f.d

Date : 30-SEP-2006 19:39

Client ID: F090506LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

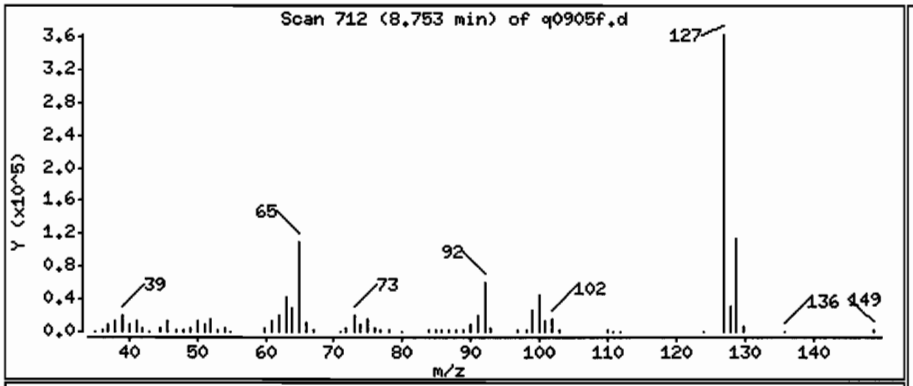
Operator: prp

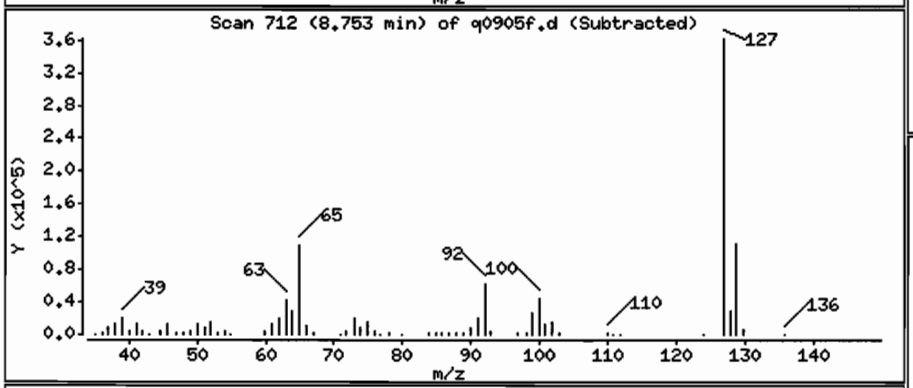
Column phase: RTx-5

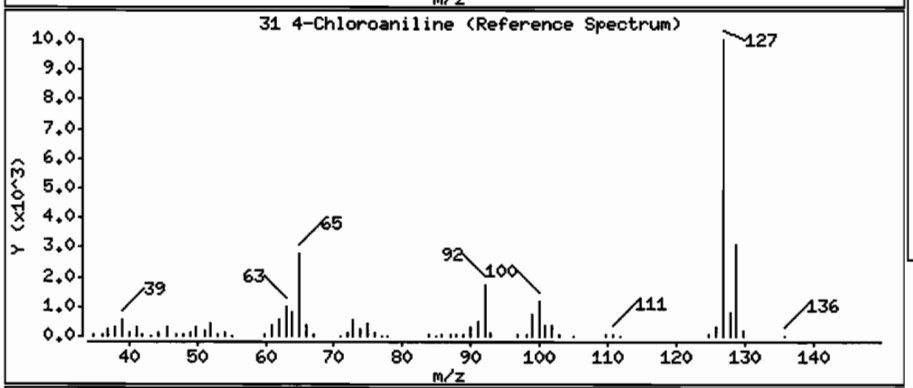
Column diameter: 0.25

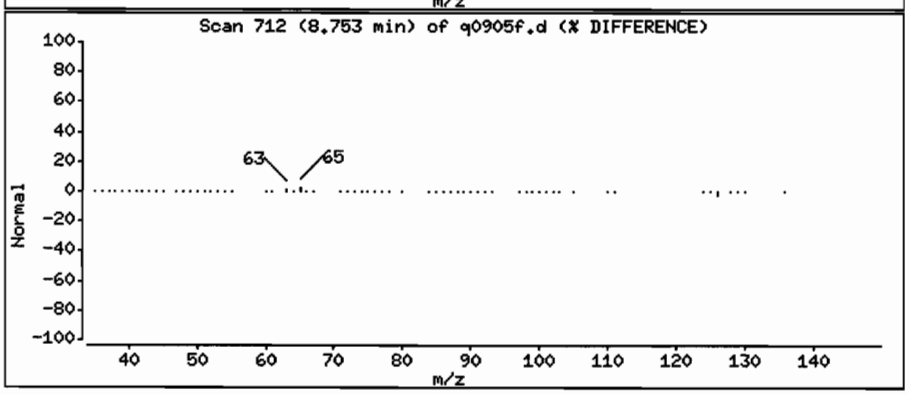
31 4-Chloroaniline

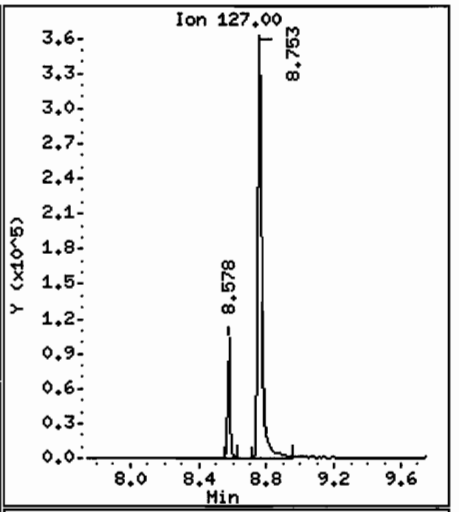
Concentration: 26 ug/L

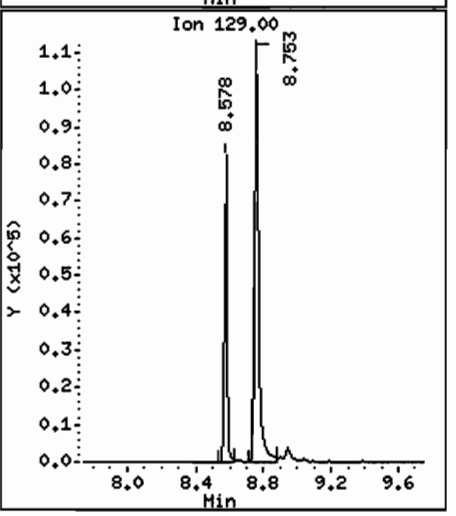












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0905f.d

Date : 30-SEP-2006 19:39

Client ID: F090506LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

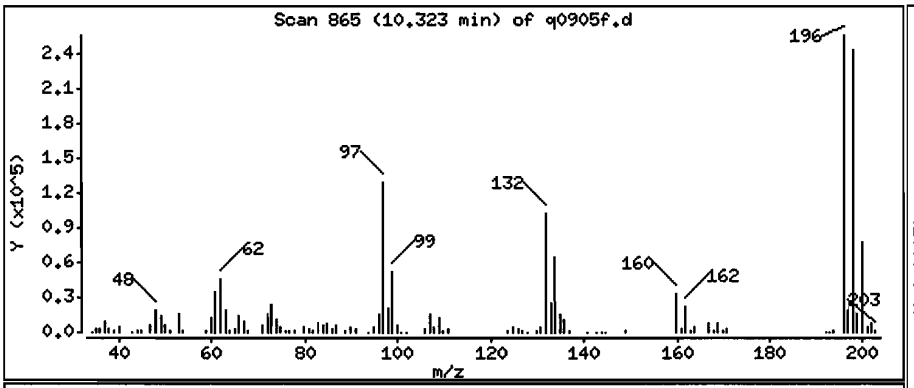
Operator: prp

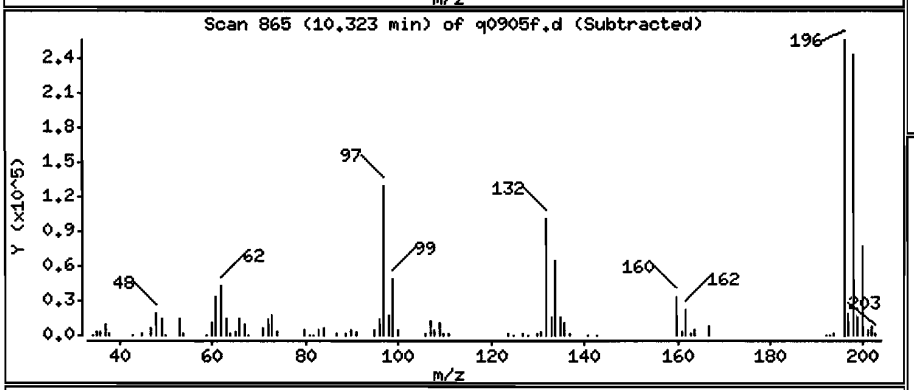
Column phase: RTx-5

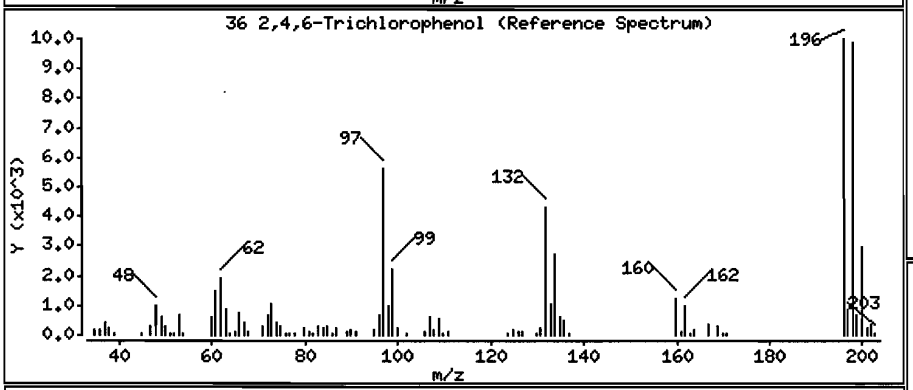
Column diameter: 0.25

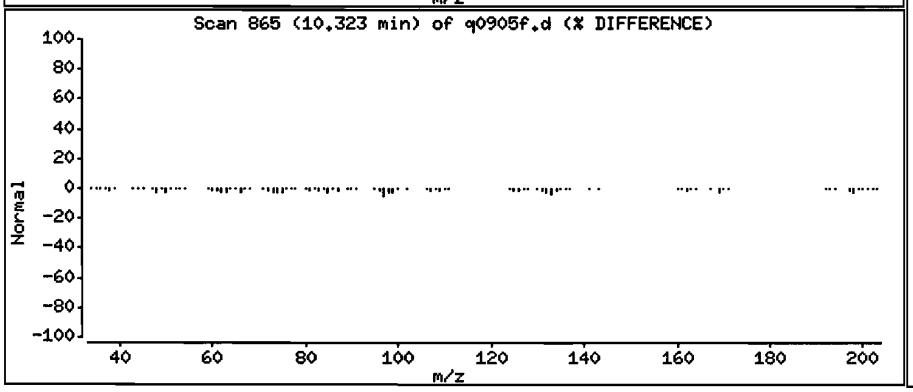
36 2,4,6-Trichlorophenol

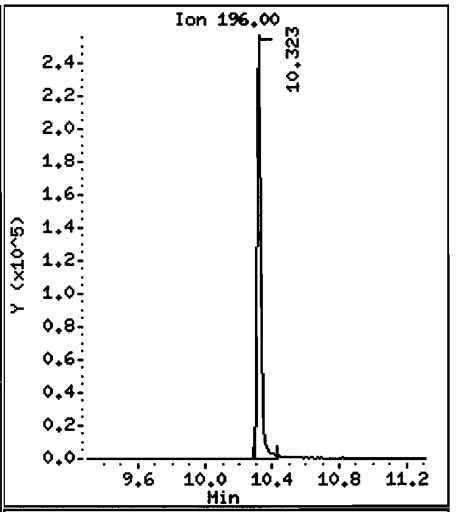
Concentration: 37 ug/L

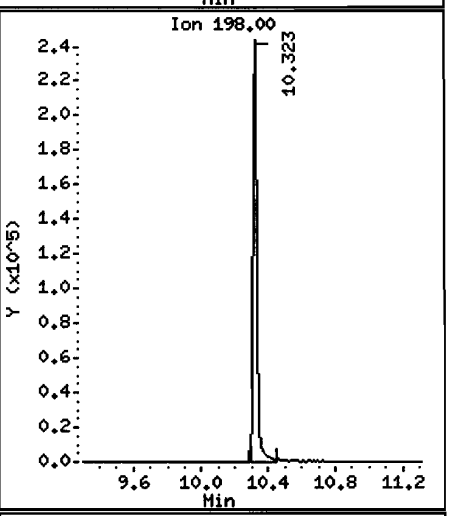


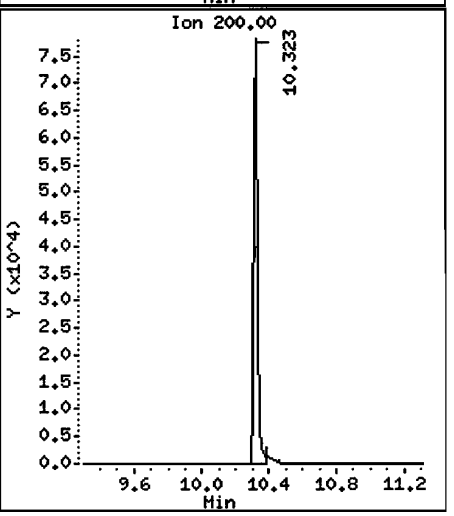












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0905f.d

Date : 30-SEP-2006 19:39

Client ID: F090506LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

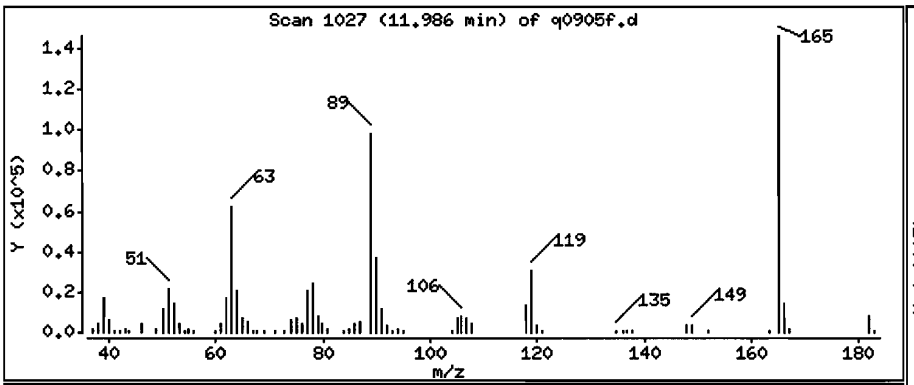
Operator: prp

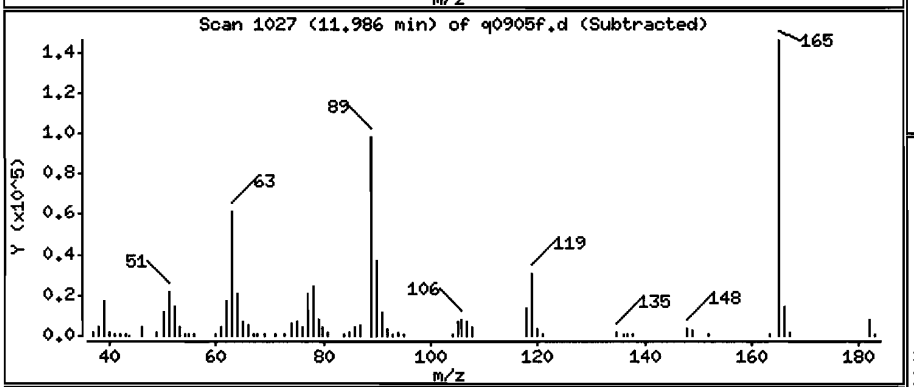
Column phase: RTx-5

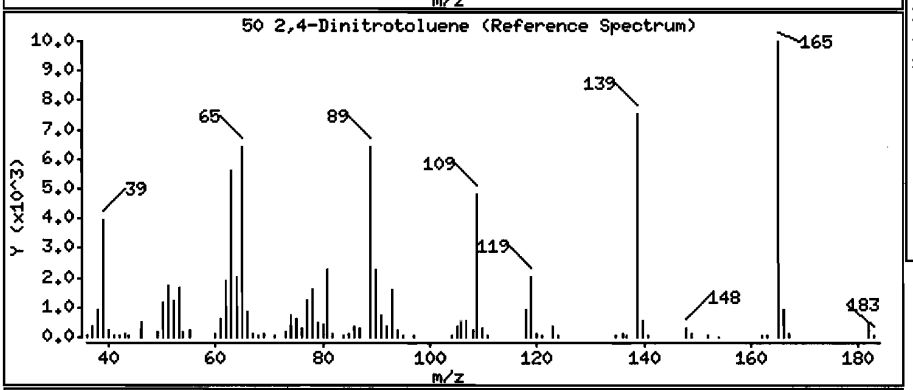
Column diameter: 0.25

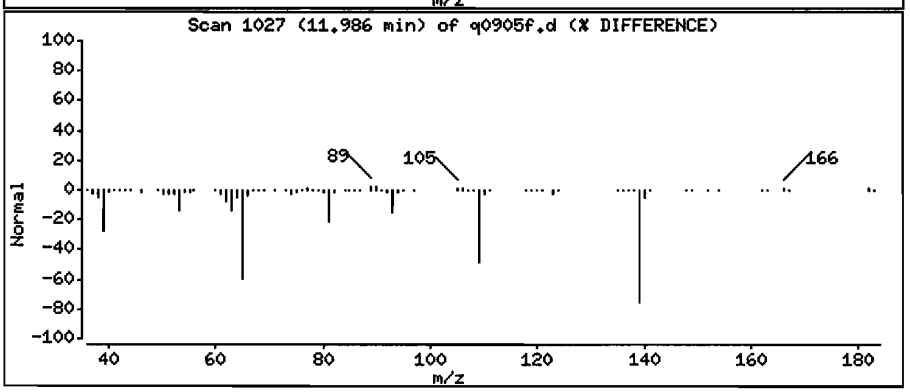
50 2,4-Dinitrotoluene

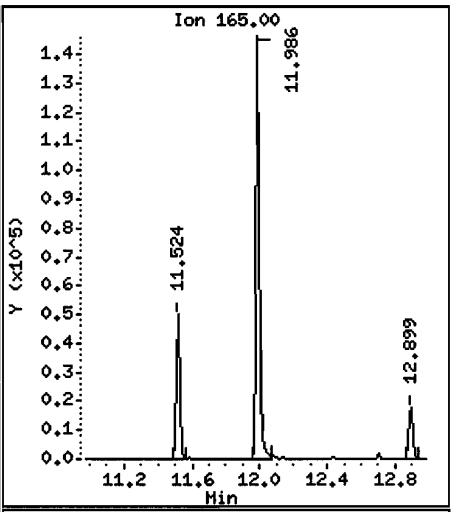
Concentration: 16 ug/L

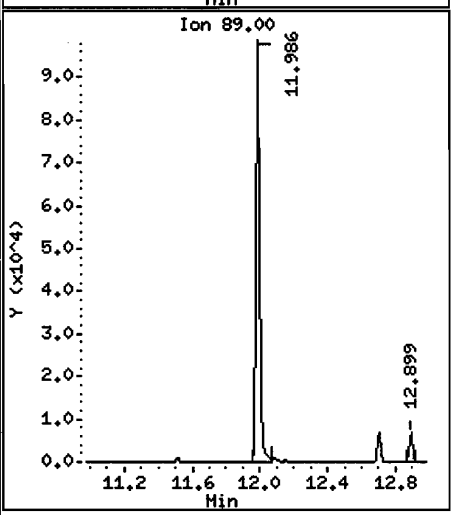












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0905f.d

Date : 30-SEP-2006 19:39

Client ID: F090506LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

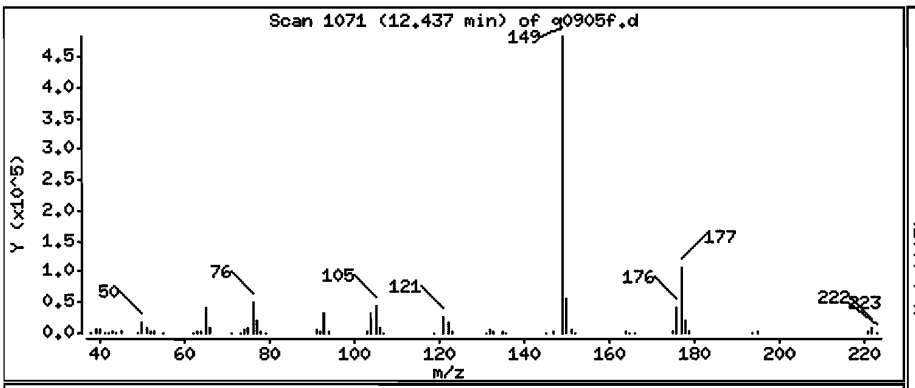
Operator: prp

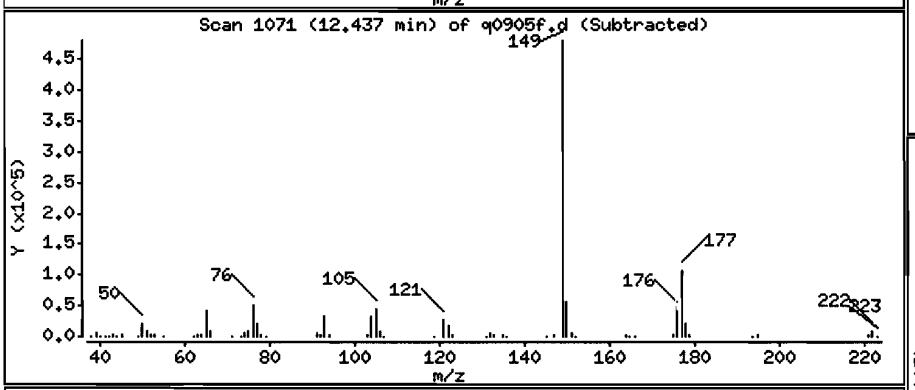
Column phase: RTx-5

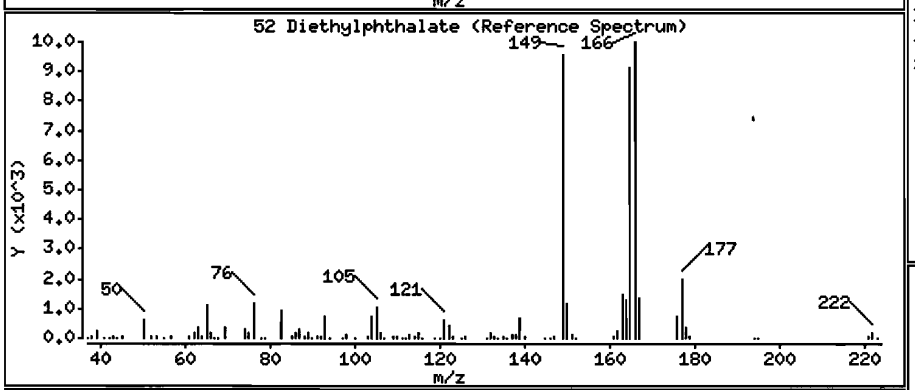
Column diameter: 0.25

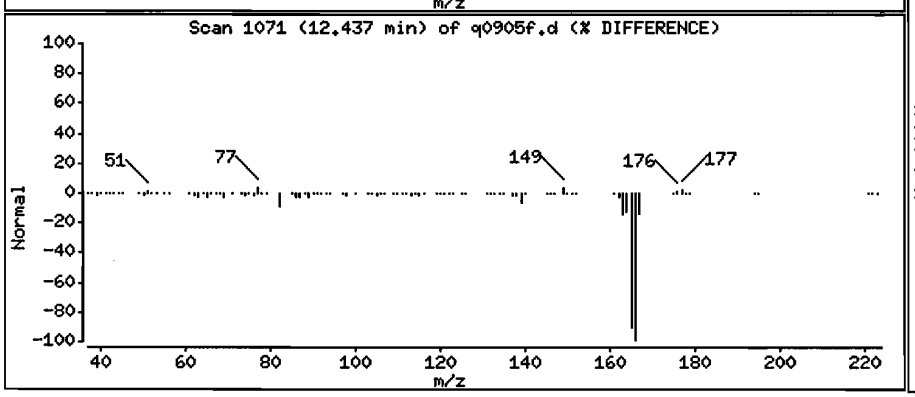
52 Diethylphthalate

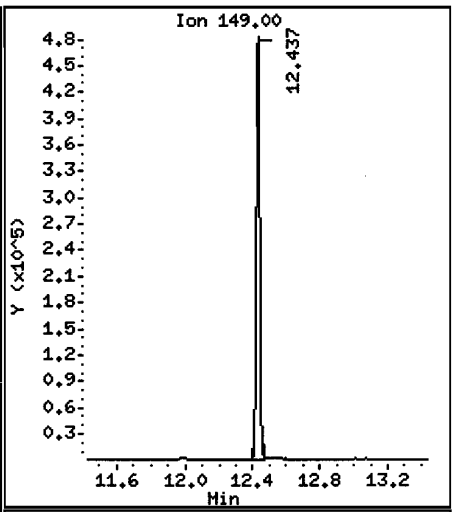
Concentration: 20 ug/L

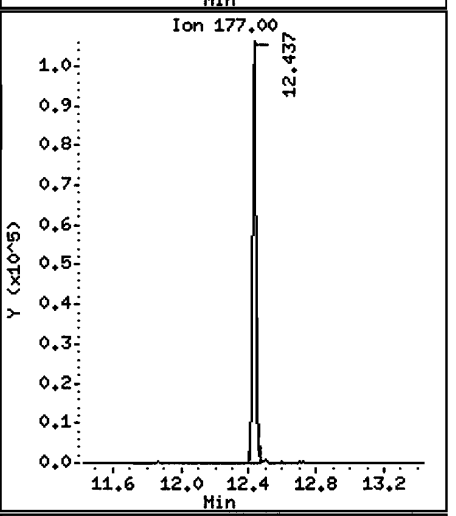


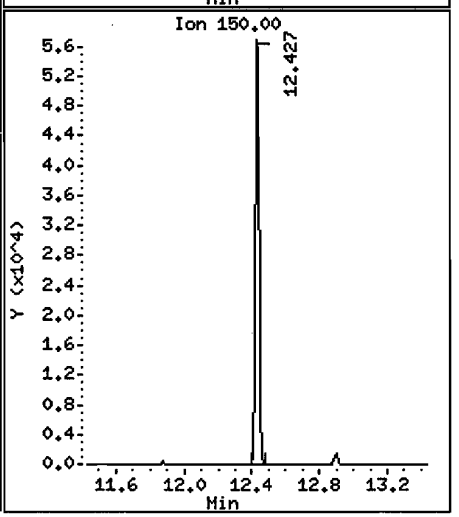












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0905f.d

Date : 30-SEP-2006 19:39

Client ID: F090506LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

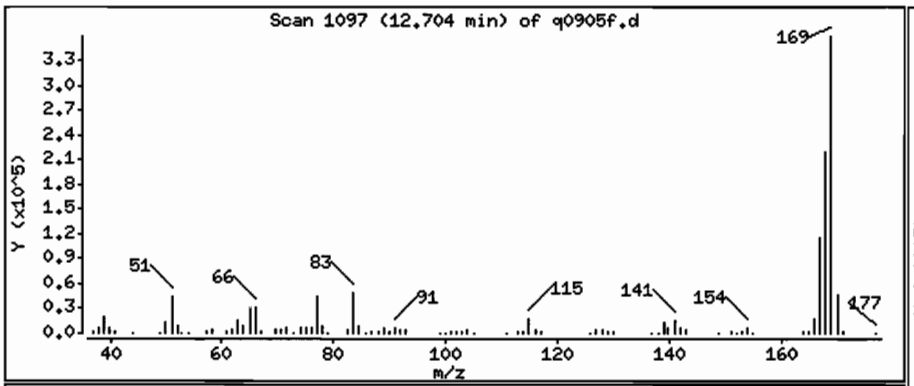
Operator: prp

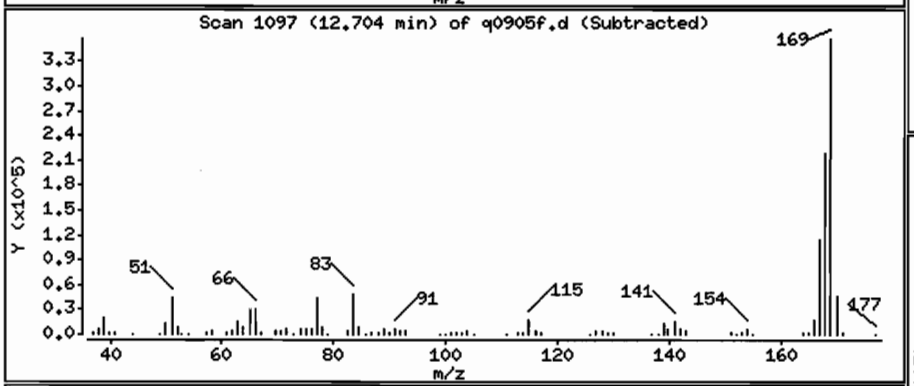
Column phase: RTx-5

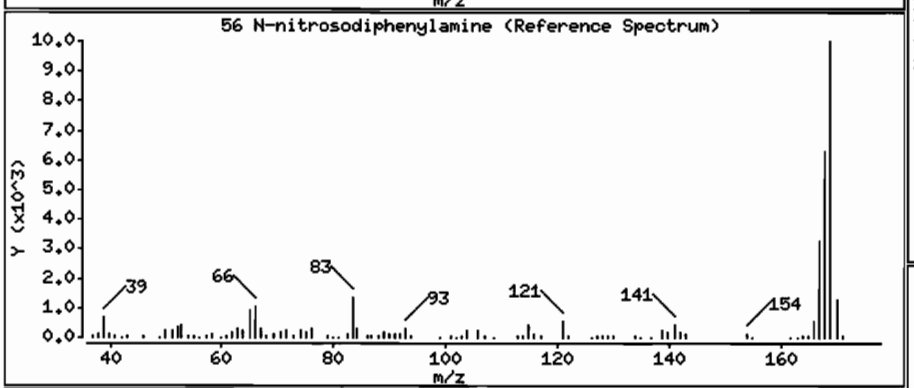
Column diameter: 0.25

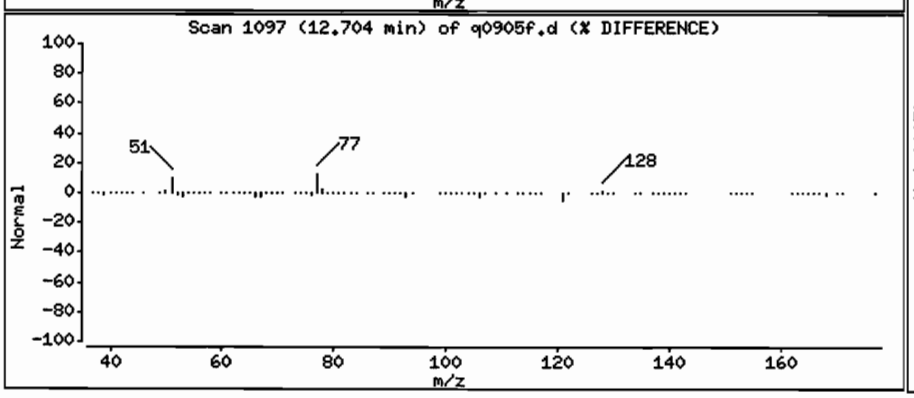
56 N-nitrosodiphenylamine

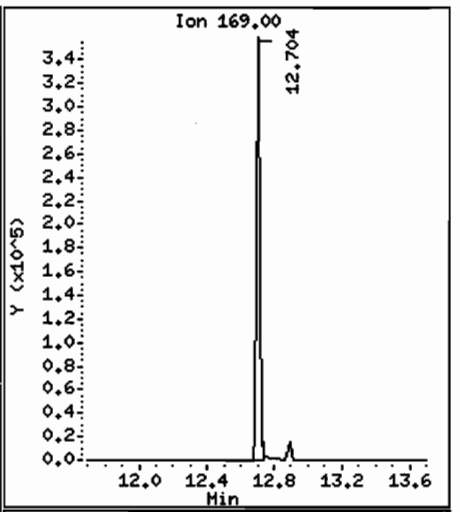
Concentration: 19 ug/L

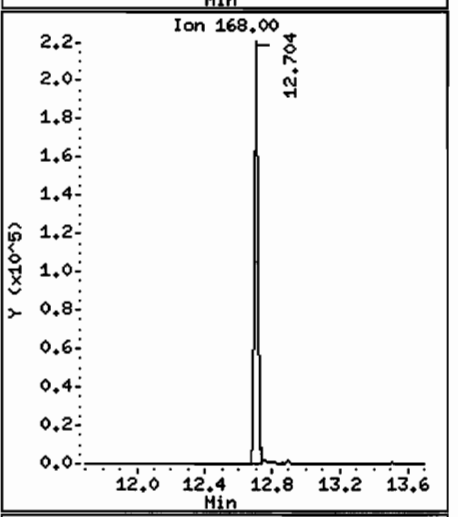


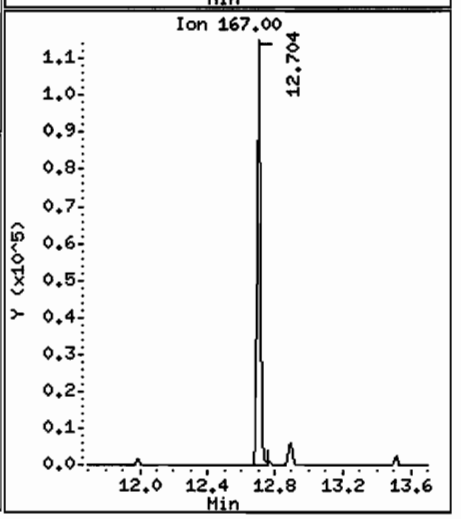












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0905f.d

Date : 30-SEP-2006 19:39

Client ID: F090506LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

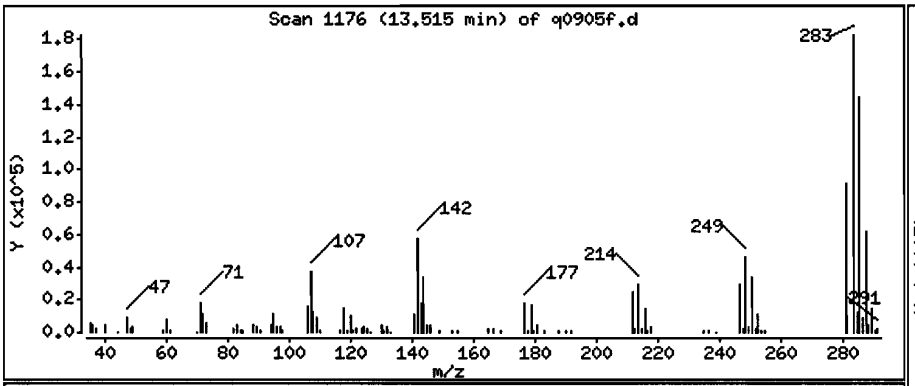
Operator: prp

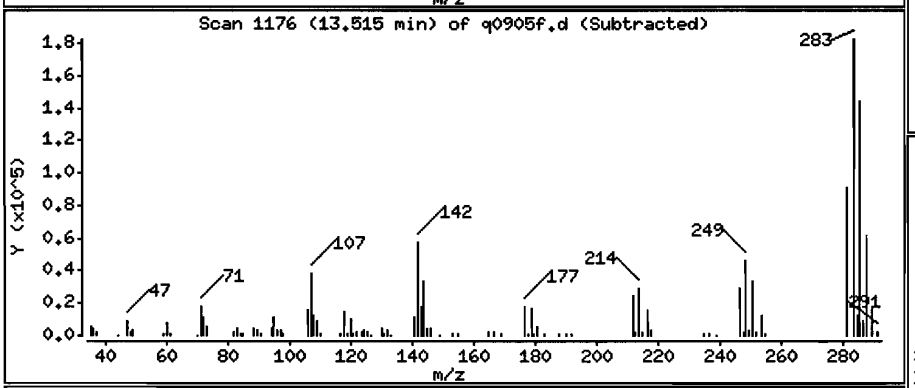
Column phase: RTx-5

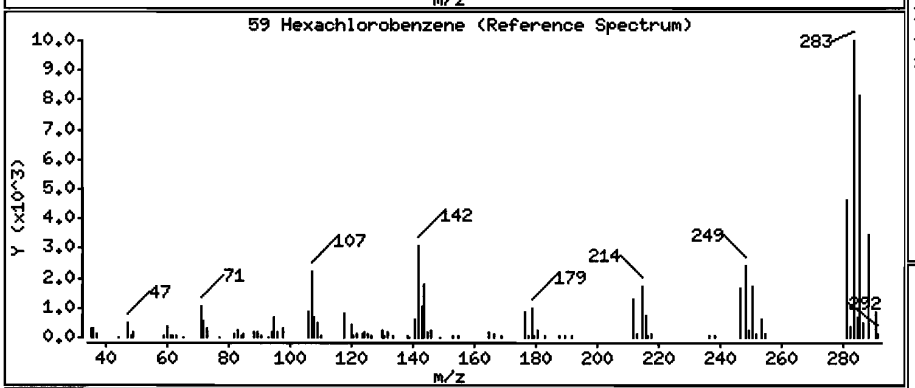
Column diameter: 0.25

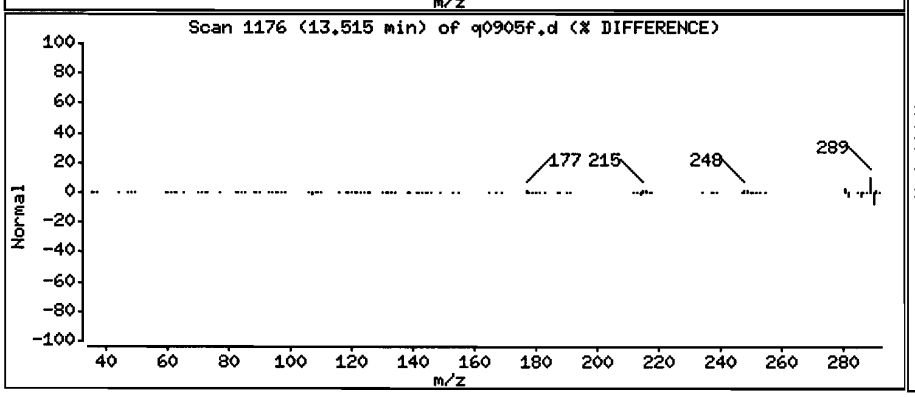
59 Hexachlorobenzene

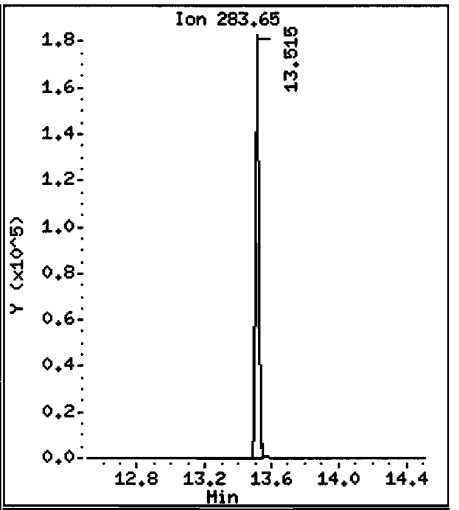
Concentration: 19 ug/L

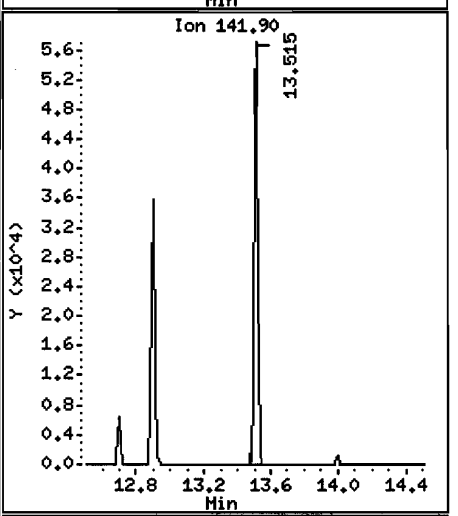


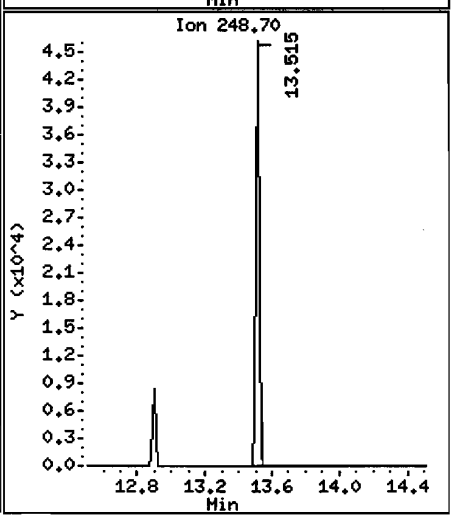












Data File: /chem/P.i/Psvr.p/pafa8270.b/q0905f.d

Date : 30-SEP-2006 19:39

Client ID: F090506LCS

Instrument: P.i

Sample Info:

Volume Injected (uL): 1.0

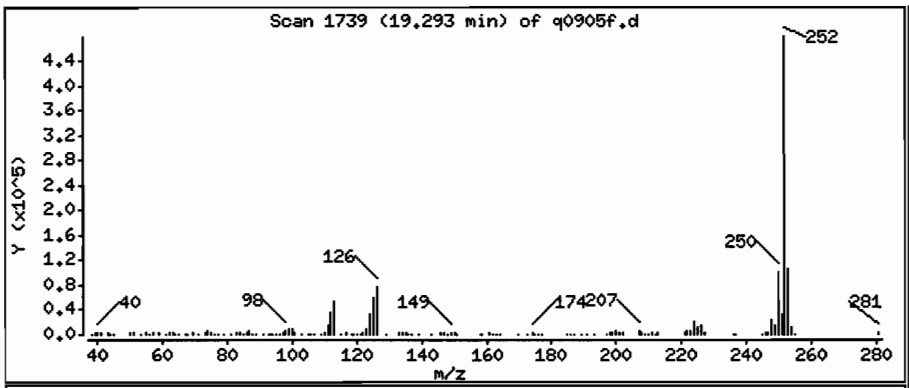
Operator: prp

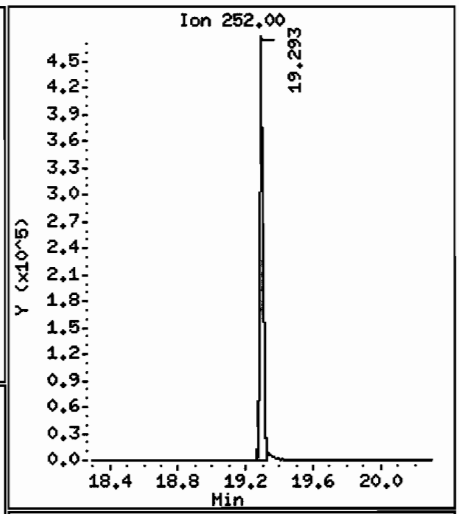
Column phase: RTx-5

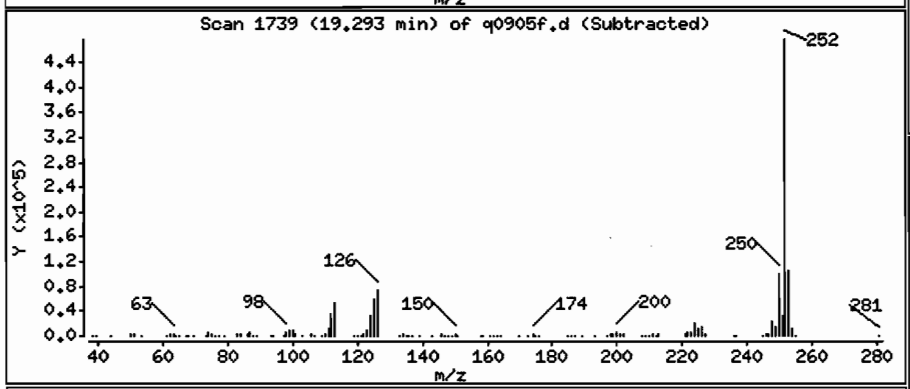
Column diameter: 0.25

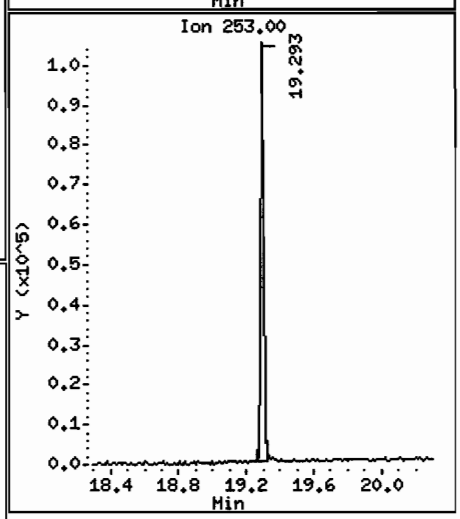
78 Benzo(a)pyrene

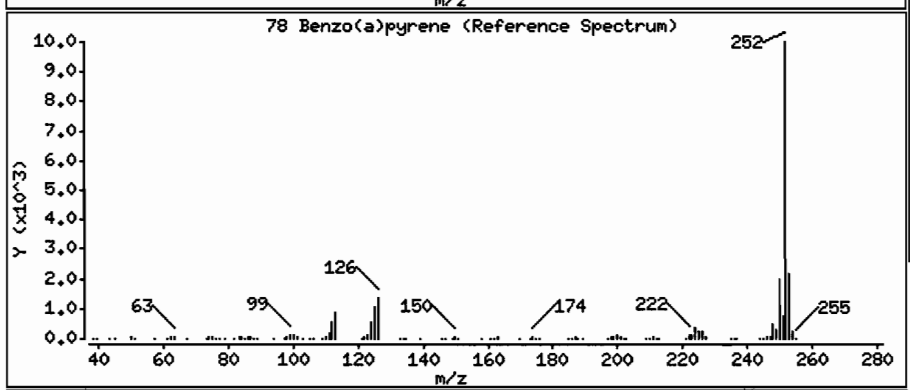
Concentration: 16 ug/L

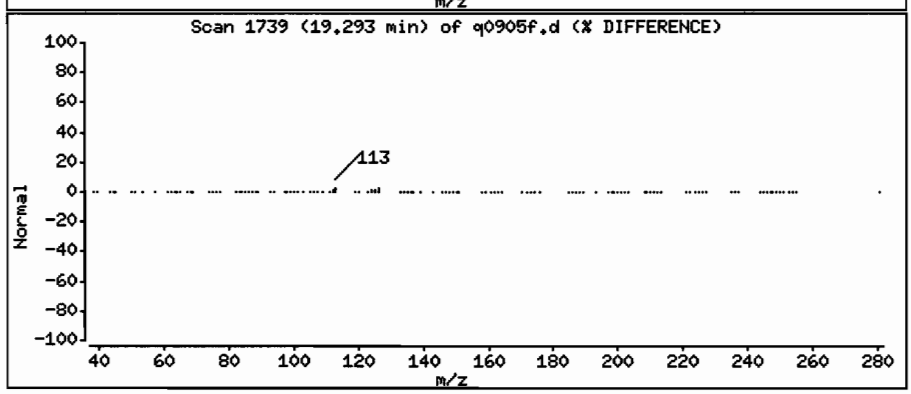












SEVERN TRENT STL

Organic Sample Preparation

STL BURLINGTON **OLC SEMI**

CLIENT: STLCTS
CASE: ERMRAECO
SDG: 213609
ETR NO.: 116111
DATE: 9/3/06

ANALYST: AJM
SPIKER: AJM
WITNESS: AJM

Time Started: 1730 Date In: 9/3/06 Time In: 1730

SODIUM SULFATE LOT# C15600

$CH2Cl_2$ LOT #: C30467
OLC SURR LOT # 083106
2,4,6 TBP LOT # OP-083101
OLC LCS LOT # OP-083106
Date Out: 9/4/06
Time Out: 1130

698/46

(9)

STL Sample ID	Bottle ID	Sample Vol. (1000ml). Measure entire sample volume using a Grad. Cylinder. Trans. to Liq-Liq extractor containing 450ml CH2CL2	PH sample to 2 with 50% H2SO4	Surr: 1.0 mL OLC surr. 40ppm to all samples	Surr: 1.0 mL 2,4,6-Tribromophenol 80ppm, to all samples	Mtx: 1.0 mL OLC LCS mix 20/40ppm, to MS, MD, LCS only	Rinse 1.0 Liter bottle and Grad. Cylinder w/ 50mls CH2CL2. Trans. to Liq-Liq extractor.	Extract for 18 hours	Close stopcocks to conc. extract	Conc. to 1.0 mL, place in amber vial. Give extract, w/paperwork to MS.		
MBLK 090306D	-	1000	2.02	✓	✓	X	AJM	AJM	AJM	ABC		
LCS	-	1000	2.02	✓	✓	✓						
681559	E2	910	2.00	✓	✓	X						
681560	AJM 2/3 ~~E6~~ E5	875	1.99	✓	✓	X						
681560 MD	E5	910	2.01	✓	✓	✓						
681560 MS	E3	900	2.00	✓	✓	✓						
681561	E1	890	2.02	✓	✓	X						
681562	E1	980	2.01	✓	✓	X						
681563	E1	880	2.02	✓	✓	X						

ABC 9/5/06

REVIEWED BY: JTZ

DATE: 09/05/06

9/5/06 ABC

484

STL BURLINGTON **OLC SEMI**

CLIENT: STLCTS
CASE: ERMRAECO
SDG: 213609
ETR NO.: 116134
DATE: 09/05/06

ANALYST: JPB
SPIKER: JPB
WITNESS: MC

Time Started: 2105
SODIUM SULFATE LOT# C15600

Date In: 09/05/06 Time In: 2105

CH_2Cl_2 LOT #: [illegible]
OLC SURR LOT #: OP 083106-2
2,4,6 TBP LOT #: OP 083106-2
OLC LCS LOT #: OP 083106 0
Date Out: 09/06/06
Time Out: 1505

698, 54 (11)

STL Sample ID	Bottle ID	Sample Vol. (1000ml). Measure entire sample volume using a Grad. Cylinder. Trans. to Liq-Liq extractor containing 450ml CH2CL2	PH sample to 2 with 50% H2SO4	Surr: 1.0 mL OLC surr. 40ppm to all samples	Surr: 1.0 mL 2,4,6-Tribromophenol 80ppm, to all samples	Mtx: 1.0 mL OLC LCS mix 20/40ppm, to MS, MD, LCS only	Rinse 1.0 Liter bottle and Grad. Cylinder w/ 50mls CH2CL2. Trans. to Liq-Liq extractor.	Extract for 18 hours	Close stopcocks to conc. extract	Conc. to 1.0 mL, place in amber vial. Give extract, w/paperwork to MS.
MBLK 090506F		1000	JPB	✓	✓	✓	JPB	JPB	✓	JPB
LCS		1000		✓	✓	✓				
681754	E2	875		✓	✓					
681755	E1	890		✓	✓					
681756		905		✓	✓					
681757		910		✓	✓					
681758		850		✓	✓					
681759	E2	910		✓	✓					
681760	E1	700		✓	✓					
681761		915		✓	✓					
681762	↓	900	↓	✓	✓	↓	↓	↓	↓	↓

*Samples very foamy when shaken. JPB 09/05/06
*681760 brought to 1000mls w/nanopure H2O. JPB 09/05/06
*681760 extract is very dark. JPB 09/06/06

JPB 09/06/06

Batch MS/MSD was not performed due to insufficient sample volume

REVIEWED BY: CC
DATE: 9/7/06

485

SEMIVOLATILE GC/MS INSTRUMENT RUN LOG

Sequence		Instrument Information		Standard Traceability		Instrument Performance Checks
Batch ID:	PAF GC/MS	Instrument:	HP5971	DFTPP Lot #:	MS08140662	☐ Tune Standard
Test Method:	GC/MS	Instrument ID:	P	ISTD Lot #:	MS092806C1	☐ RF Summary
Start Date:	9.30.06 Time: 0845	Column Type:	Rxi-5ms	ICAL / CCV Lot # (s):	*See Comment Section*	☐ Internal Standard Response
End Date:	9.30.06 Time: 2045	Injection Volume:	2uL			☐ RT & Ratios Updated
ICAL Date:	9.30.06					

Sequence Information					Individual Sample Review				Comments
Inj. Time	File Name / Lab ID	Bottle Code	ETR	DF	SS	ISTD	Conc	Analyst	
0845	PAF01MS	DFTPP					✓	DTS	MS08140662
0932	PAF020	SSTD020					✓	DTS	MS092906G2,03, MS04C40662
1005	PAF010	SSTD010					✓	DTS	
1039	PAF002	SSTD002					✓	DTS	
1113	PAF010	SSTD010					✓	DTS	
1147	PAF005	SSTD005					✓	DTS	
1221	PAF020ICV	SSTD020 - ICV - ULTRA SOURCE					✓	DTS	MS07140661
1255	PAF20ICV	SSTD020 - ICV - RESTEK SOURCE					✓	DTS	MS092906G02,03, MS04270662

DAB 10.1.06

ISTD=Internal Standard ▪ Conc=Value within Cal Range ▪ SS=Surrogate ▪ C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

SEMIVOLATILE GC/MS INSTRUMENT RUN LOG

Sequence	PAF-A	Instrument Information		Standard Traceability	Instrument Performance Checks
Batch ID:	~~PAFA~~ DEC	Instrument:	HP5971	DFTPP Lot #: MS0814060202	☑ Tune Standard
Test Method:	OLC	Instrument ID:	P	ISTD Lot #: MS092206O1	☑ RF Summary
Start Date:	9/30/06 Time: 1339	Column Type:	Rxi-5ms	ICAL / CCV Lot # (s): *See Comment Section*	☑ Internal Standard Response
End Date:	9.30.06 Time: 0139	Injection Volume:	2uL		☑ RT & Ratios Updated
ICAL Date:	9.30.06				

Sequence Information					Individual Sample Review				Comments
Inj. Time	File Name / Lab ID	Bottle Code	ETR	DF	SS	ISTD	Conc	Analyst	
1323	PAF02PS	DFTPP					✓	DTB	MS0814060202
1339	PAF03PS	DFTPP					✓	DTB	↓
1402	PAF020	—					✓	↓	MS092206O2,03, MS0404060202
1436	Q0903D	—	11611	100%	✓	✓	✓	AMP	C
1510	B0903D	—	↓	↓	✓	✓	✓		C
1544	681559	E2			✓	✓	✓		C
1618	681560	E6			✓	↓	✓		~~R~~ C
1651	681560M	E3			✓	↓	✓		~~R~~ C
1725	681560S	E5			✓	↓	✓		~~R~~ C
1757	681561	E1			✓	✓	✓		C
1832	681562	E1			✓	✓	✓		C
1906	681563	E1	↓		✓	✓	✓		C
1939	Q0905F	—	11634		✓	✓	✓		C
2012	B0905F	—	↓		✓	✓	✓		C
2046	681754	E2			✓	✓	✓		C
2119	681755	E2			✓	↓	✓		R
2152	681756	E1			✓	✓	✓		C
2226	681757	E1			✓	✓	✓		C
2259	681758	E1			✓	✓	✓		C
2332	681759	E2			✓	✓	✓		C
0005	681761	E1			✓	✓	✓		C
0038	681762	E1			✓	✓	✓		C
0112	681760	E1	↓	↓	✓	↓	✓	↓	R
									DTB 10.1.06

ISTD=Internal Standard ▪ Conc=Value within Cal Range ▪ SS=Surrogate ▪ C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

SEMIVOLATILE GC/MS INSTRUMENT RUN LOG

Sequence		Instrument Information		Standard Traceability	Instrument Performance Checks
Batch ID:	PAFB OLC	Instrument:	HP5971	DFTPP Lot #: MS08140602	☑ Tune Standard
Test Method:	OLC	Instrument ID:	P	ISTD Lot #: MS092806 01	☑ RF Summary
Start Date:	10.1.06 Time: 1211	Column Type:	Rxi-5ms	ICAL / CCV Lot # (s): *See Comment Section*	☐ Internal Standard Response
End Date:	10.2.06 Time: 0011	Injection Volume:	2uL		☑ RT & Ratios Updated
ICAL Date:	7.30.96				

Sequence Information					Individual Sample Review				Comments
Inj. Time	File Name / Lab ID	Bottle Code	ETR	DF	SS	ISTD	Conc	Analyst	
0945	PAFO4PS						✓	DTB	
1211	PAFO5PS						✓	DTA	MS08140602
1239	PAFO20B						✓	DTB	MS092906 02,03, MS04040602
1312	691755	E2	116134	100X	✓	↓	✓	DTS	C CONFIRMED.
1346	691760	E1	116134	5X	✓	✓	✓	DTS	C

DAB 10.1.06.

ISTD=Internal Standard ▪ Conc=Value within Cal Range ▪ SS=Surrogate ▪ C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

SEVERN TRENT STL

Sample Handling

ORIGIN ID: OXCA (203) 929-8140
SHIPPING
SEVERN TRENT
128 LONG HILL CROSS ROAD

SHELTON, CT 06484
UNITED STATES US

Ship Date: 31AUG06
ActWgt: 51.0 LB MAN
System#: 183108/CAFE2308
Account: S *********

TO SAMPLE RECEIVING
STL BURLINGTON C/O KRIS DUSABLON
208 SOUTH PARK DRIVE
SUITE 1
COLCHESTER, VT 05446

(802) 655-1203

FedEx Express

CLS822306/16/19

REF:
PO:
Inv:
Dept:

Delivery Address Barcode

BILL RECIPIENT

PRIORITY OVERNIGHT

TRK# 9040 0540 7177

Form 0201

FRI
Deliver By:
01SEP06

.05446 -VT-US

BTV AA

ED BTVA

Part # 156148-434 NRIT 7-05

9-1-06

ORIGIN ID: OXCA (203) 929-8140
SHIPPING
SEVERN TRENT
128 LONG HILL CROSS ROAD

SHELTON, CT 06484
UNITED STATES US

Ship Date: 31AUG06
ActWgt: 51.0 LB MAN
System#: 183108/CAFE2308
Account: S *********

TO SAMPLE RECEIVING
STL BURLINGTON C/O KRIS DUSABLON
208 SOUTH PARK DRIVE
SUITE 1
COLCHESTER, VT 05446

(802) 655-1203

FedEx Express

CLS822306/16/19

REF:
PO:
Inv:
Dept:

Delivery Address Barcode

BILL RECIPIENT

PRIORITY OVERNIGHT

TRK# 9040 0540 7188

Form 0201

FRI
Deliver By:
01SEP06

.05446 -VT-US

BTV AA

ED BTVA

Part # 156148-434 NRIT 7-05

DO NOT LIFT USING THIS TAG — **DO NOT LIFT USING T**

ORIGIN ID: OXCA (203) 929-8140
SHIPPING
SEVERN TRENT
128 LONG HILL CROSS ROAD

SHELTON, CT 06484
UNITED STATES US

Ship Date: 01SEP06
ActWgt: 57.0 LB MAN
System#: 183108/CAFE2308
Account: S *********

TO SAMPLE RECEIVING
STL BURLINGTON C/O KRIS DUSABLON
208 SOUTH PARK DRIVE
SUITE 1
COLCHESTER, VT 05446

(802) 655-1203

FedEx Express

CLS0822306/16/19

REF:
PO:
Inv: Dept:

Delivery Address Barcode

BILL RECIPIENT

TRK# 9040 0540 7317

PRIORITY SATURDAY

208 SOUTH PARK DRIVE

PRIORITY SATURDAY

TRK# 9040-0540 7317 Form 0201

Deliver By: 02SEP06

BTV AA

.05446 -VT-US X0 BTVA

RIT 7-05

RBI... HERE

ORIGIN ID: OXCA (203) 929-8140
SHIPPING
SEVERN TRENT
128 LONG HILL CROSS ROAD

SHELTON, CT 06484
UNITED STATES US

Ship Date: 01SEPO
ActWgt: 57.0 LB M
System#: 183108/C

TO SAMPLE RECEIVING
STL BURLINGTON C/O KRIS DUSABLON
208 SOUTH PARK DRIVE
SUITE 1
COLCHESTER, VT 05446 (US)

(802) 65

Fe

TRK# 9040 0540 7317

PRIORITY SATURDAY

208 SOUTH PARK DRIVE

RIT 7-05

100 **FedEx. US Airbill** Express

FedEx Tracking Number 8545 2302 8742

Form ID No. 0215

1 From This portion can be removed for Recipient's records.

Date 9/1/06 FedEx Tracking Number 854523028742

Sender's Name Jenny Wolf Phone 585 387-0510

Company ERM INC

Address 1159 PITTSFORD VICTOR RD # 200 Dept./Floor/Suite/Room

City PITTSFORD State NY ZIP 14534-3827

Your Internal Billing Reference CO21427 Phase 3

2 To

Recipient's Name Sample Receiving Phone

Company STL Burlington

Recipient's Address 208 South Park Drive Suite 1 Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City Colchester. State VT ZIP 05446

0324814332

RECIPIENT: PEEL HERE

RECEIVED

fedex.com 1.800.GoFedEx 1.800.463.3339

9-2-06

4a Express Package Service

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate.

4b Express Freight Service

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

* Call for Confirmation:

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box

6 Special Handling — Include FedEx address in Section 2.

SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.

- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card

Total Packages: 1 Total Weight:

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for

8 NEW Residential Delivery Signature Options If you require a

- [ ] No Signature Required
- [ ] Direct Signature — Anyone at recipient's address may sign for delivery.
- [ ] Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may

STL BURLINGTON
SAMPLE RECEIPT & LOG IN CHECKLIST

Client: STLCTS	Date Received: 9-1-06	Log In Date: 9-1-06
ETR: 116111	Time Received: 1200	By: mlc
SDG: 213609	Received By: mlc	Signature:
Project: 26001	# Coolers Received: 2	PM Signature:
Samples Delivered By: X Shipping Service ◻ Courier ◻ Hand ◻ Other (specify)		Date: 9/7/06
List Air bill Number(s) or Attach a photocopy of the Air Bill:		

COOLER SCREEN	YES	NO	NA	COMMENTS
There is *no* evidence to indicate tampering	X			
Custody seals are present and intact	X			
Custody seal numbers are present		X		
If yes, list custody seal numbers:				

Thermal Preservation Type: X Wet Ice ◻ Blue Ice ◻ None ◻ Other (specify)

IR Gun ID: 62 Correction Factor (CF) = 0 °C

Cooler 1:	3.5 °C	Cooler 6	°C	Cooler 11	°C	Cooler 16	°C
Cooler 2:	5.4 °C	Cooler 7	°C	Cooler 12	°C	Cooler 17	°C
Cooler 3:	°C	Cooler 8	°C	Cooler 13	°C	Cooler 18	°C
Cooler 4:	°C	Cooler 9	°C	Cooler 14	°C	Cooler 19	°C
Cooler 5	°C	Cooler 10	°C	Cooler 15	°C	Cooler 20	°C

Unless otherwise documented, the recorded temperature readings are adjusted readings to account for the CF of the IR Gun

EPA Criteria: 0-6°C, except for air and geo samples which should be at ambient temperature and tissue samples, which may be frozen.

Some clients require thermal preservation criteria of 2-4°C or other such criteria. The PM must notify SM when alternate criteria is specified.

SAMPLE CONDITION	YES	NO	NA	COMMENTS
Sample containers were received intact	Y			
Legible sample labels are affixed to each container	Y			

CHAIN OF CUSTODY (COC)	YES	NO	NA	COMMENTS
COC is present and includes the following information for each container:				
• Sample ID / Sample Description	Y			
• Date of Sample Collection	Y			
• Time of Sample Collection	Y			
• Identification of the Sampler		Y		
• Preservation Type		Y		
• Requested Tests Method(s)	Y			
• Necessary Signatures	Y			
Internal Chain of Custody (ICOC) Required		Y		
If yes to above, ICOC Record initiated for every Worksheet				

SAMPLE INTEGRITY / USABILITY	YES	NO	NA	COMMENTS
The sample container matches the COC	Y			
Appropriate sample containers were received for the tests requested	Y			
Samples were received within holding time	Y			
Sufficient amount of sample is provided for requested analyses	Y			
VOA vials do not have headspace or a bubble >6mm (1/4" diameter)			Y	
Appropriate preservatives were used for the tests requested			Y	
pH of inorganic samples checked and is within method specification			Y	
If no, attach Inorganic Sample pH Adjustment Form				

ANOMALY / NCR SUMMARY

FSM002:10.26.05:2
STL Burlington

STL BURLINGTON
SAMPLE RECEIPT & LOG IN CHECKLIST

Client: SRCTS	Date Received: 9-2-06	Log In Date: 9-5-06
ETR: 116134	Time Received: 1045	By: MLG
SDG: 213609	Received By: MLG	Signature:
Project: 26001	# Coolers Received: 2	PM Signature: Kristi Dunda
Samples Delivered By: X Shipping Service ☐ Courier ☐ Hand ☐ Other (specify)		Date: 9/7/06
List Air bill Number(s) or Attach a photocopy of the Air Bill:		

COOLER SCREEN	YES	NO	NA	COMMENTS
There is *no* evidence to indicate tampering	X			
Custody seals are present and intact	X	X		# See below
Custody seal numbers are present		X		
If yes, list custody seal numbers:				

Thermal Preservation Type: X Wet Ice ☐ Blue Ice ☐ None ☐ Other (specify)

IR Gun ID: 62 Correction Factor (CF) = Ø °C

Cooler 1:	3.3 °C	Cooler 6	°C	Cooler 11	°C	Cooler 16	°C
Cooler 2:	4.9 °C	Cooler 7	°C	Cooler 12	°C	Cooler 17	°C
Cooler 3:	°C	Cooler 8	°C	Cooler 13	°C	Cooler 18	°C
Cooler 4:	°C	Cooler 9	°C	Cooler 14	°C	Cooler 19	°C
Cooler 5	°C	Cooler 10	°C	Cooler 15	°C	Cooler 20	°C

Unless otherwise documented, the recorded temperature readings are adjusted readings to account for the CF of the IR Gun

EPA Criteria: 0-6°C, except for air and geo samples which should be at ambient temperature and tissue samples, which may be frozen.

Some clients require thermal preservation criteria of 2-4°C or other such criteria. The PM must notify SM when alternate criteria is specified.

SAMPLE CONDITION	YES	NO	NA	COMMENTS
Sample containers were received intact	Y			
Legible sample labels are affixed to each container	X			

CHAIN OF CUSTODY (COC)	YES	NO	NA	COMMENTS
COC is present and includes the following information for each container:				
• Sample ID / Sample Description	X			
• Date of Sample Collection	X			
• Time of Sample Collection	X			
• Identification of the Sampler		Y		
• Preservation Type		X		
• Requested Tests Method(s)	X			
• Necessary Signatures	X			
Internal Chain of Custody (ICOC) Required				
If yes to above, ICOC Record initiated for every Worksheet				

SAMPLE INTEGRITY / USABILITY	YES	NO	NA	COMMENTS
The sample container matches the COC	Y			
Appropriate sample containers were received for the tests requested	Y			
Samples were received within holding time	Y			
Sufficient amount of sample is provided for requested analyses	X			
VOA vials do not have headspace or a bubble >6mm (1/4" diameter)			X	
Appropriate preservatives were used for the tests requested			X	
pH of inorganic samples checked and is within method specification			X	
If no, attach Inorganic Sample pH Adjustment Form				

ANOMALY / NCR SUMMARY

1 cooler had seals 1 cooler did not