User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 09:27:09

Sample: AE04032
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 09:23 Ended: 3/29/02 09:23 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		96		5.0

Comments for Sample AE04032 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 09:27:29

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 3 of the 43 compounds in the LCS Standard were outside of their acceptance limits. New limits will be calculated.

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Data File : C:\HPCHEM\1\DATA\MAR2202\4032.D Vial: 38
Acq On : 24 Mar 2002 6:35 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 10:20 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.26	152	442211	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1832357	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.21	164	1026141	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1531928	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	937312	20.00	ug/l	-0.13
44) Perylene-d12	37.97	264	545651	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	79102	4.82 ~~7.10~~	ug/mL	0.24
Spiked Amount 5.000			Recovery =	~~142.00%~~ 96%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.96	128	430	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.48	165	371	N.D.		
25) Diethylphthalate	22.69	149	290	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

(#) = qualifier out of range (m) = manual integration

NYC-WTC_000038554

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Data File : C:\HPCHEM\1\DATA\MAR2202\4032.D Vial: 38
Acq On : 24 Mar 2002 6:35 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 10:20 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.66	178	384	N.D.	
34)	Anthracene	25.66	178	384	N.D.	
35)	Di-n-butylphthalate	27.62	149	57870	0.69 ug/l	99
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.72	228	2138	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	51882	1.38 ug/l	94
43)	Chrysene	33.72	228	2138	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.97	252	2194	N.D.	
49)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

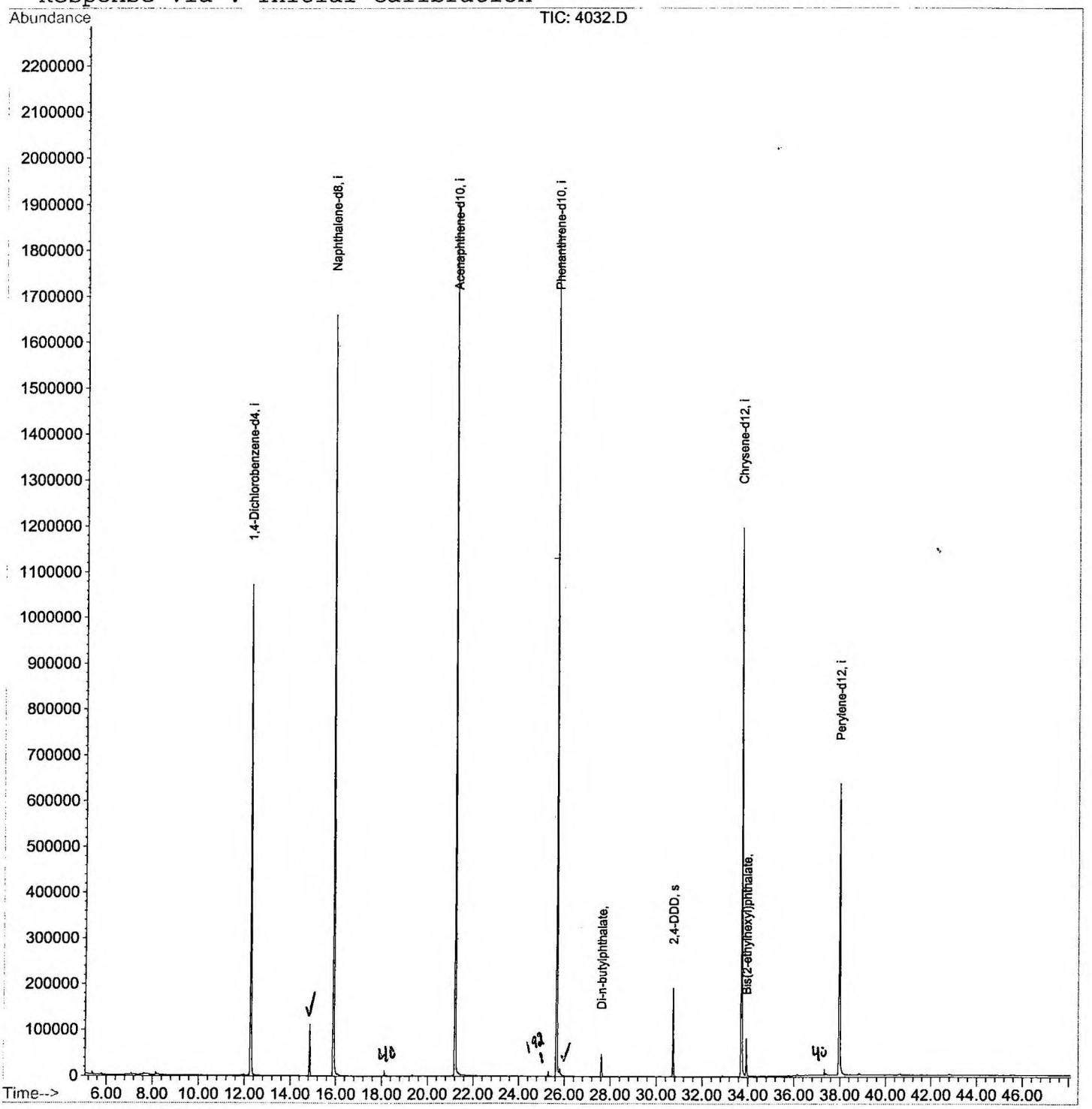
(#) = qualifier out of range (m) = manual integration

NYC-WTC_000038555

NYC 9/11 Public Portal Document

Data File : C:\HPCHEM\1\DATA\MAR2202\4032.D Vial: 38
Acq On : 24 Mar 2002 6:35 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 10:20 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration



NYC-WTC_000038556

NYC 9/11 Public Portal Document

Data File : C:\HPCHEM\1\DATA\MAR2202\4032.D Vial: 38
Acq On : 24 Mar 2002 6:35 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.263	781	786	801	rVB	1070764	2414677	61.15%	12.581%
2	14.861	1064	1069	1074	rVB	112016	211858	5.37%	1.104%
3	15.898	1176	1182	1198	rBV	1659408	3447689	87.31%	17.963%
4	21.214	1754	1761	1776	rBV	1904406	3948654	100.00%	20.573%
5	25.657	2238	2245	2256	rBV2	1841352	3864216	97.86%	20.133%
6	25.795	2257	2260	2272	rVB2	15345	45220	1.15%	0.236%
7	27.622	2454	2459	2465	rBV	50200	96036	2.43%	0.500%
8	30.725	2792	2797	2803	rBV	192533	394256	9.98%	2.054%
9	33.717	3116	3123	3141	rBV2	1196852	2727060	69.06%	14.208%
10	33.929	3141	3146	3152	rBV	80299	165464	4.19%	0.862%
11	37.968	3577	3586	3603	rBV2	633825	1878444	47.57%	9.787%

Sum of corrected areas: 19193574

4032.D GCMS0308.M Tue Mar 26 10:45:16 2002

NYC-WTC_000038557

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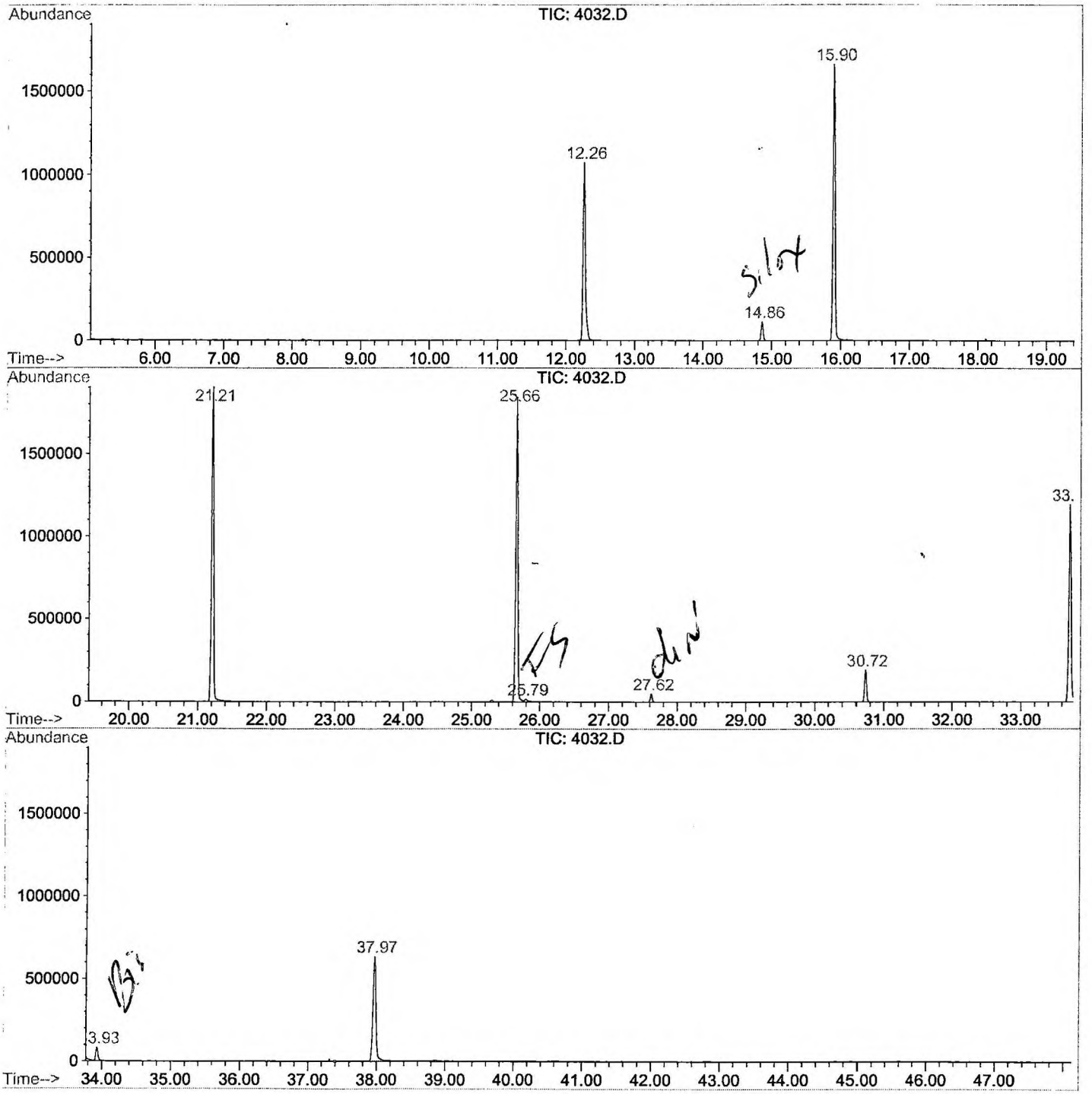
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\4032.D
Operator :
Acquired : 24 Mar 2002 6:35 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/25
Misc Info :
Vial Number: 38
Quant File :GCMS0308.RES (RTE Integrator)



4032.D GCMS0308.M Tue Mar 26 10:45:21 2002

NYC-WTC_000038558

NYC 9/11 Public Portal Document

Data File : C:\HPCHEM\1\DATA\MAR2202\4032.D Vial: 38
Acq On : 24 Mar 2002 6:35 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

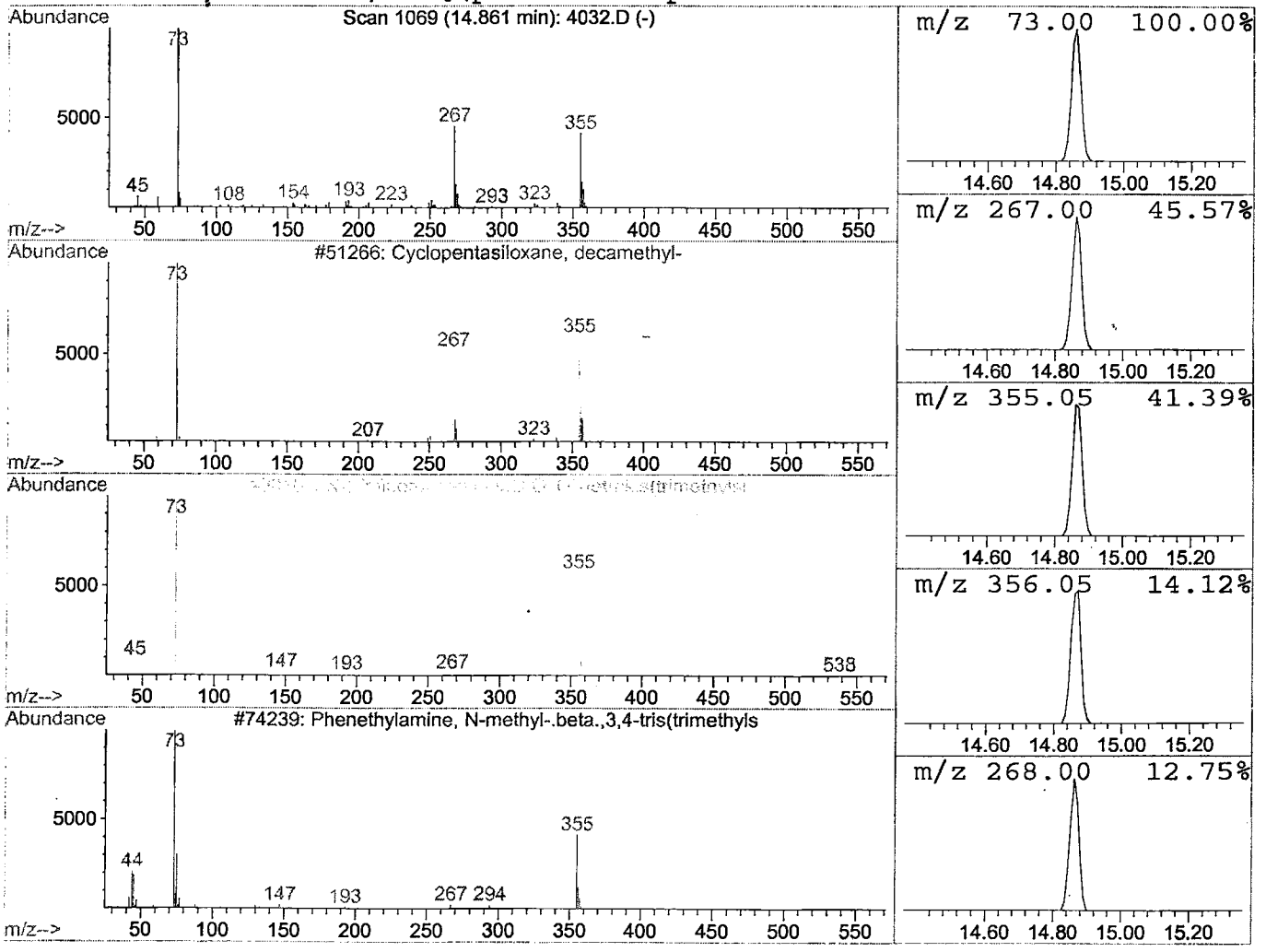
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	1.23 ug/l	211858	Naphthalene-d8	15.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	38
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	32



NYC-WTC_000038559

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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4032.D Vial: 38
Acq On : 24 Mar 2002 6:35 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

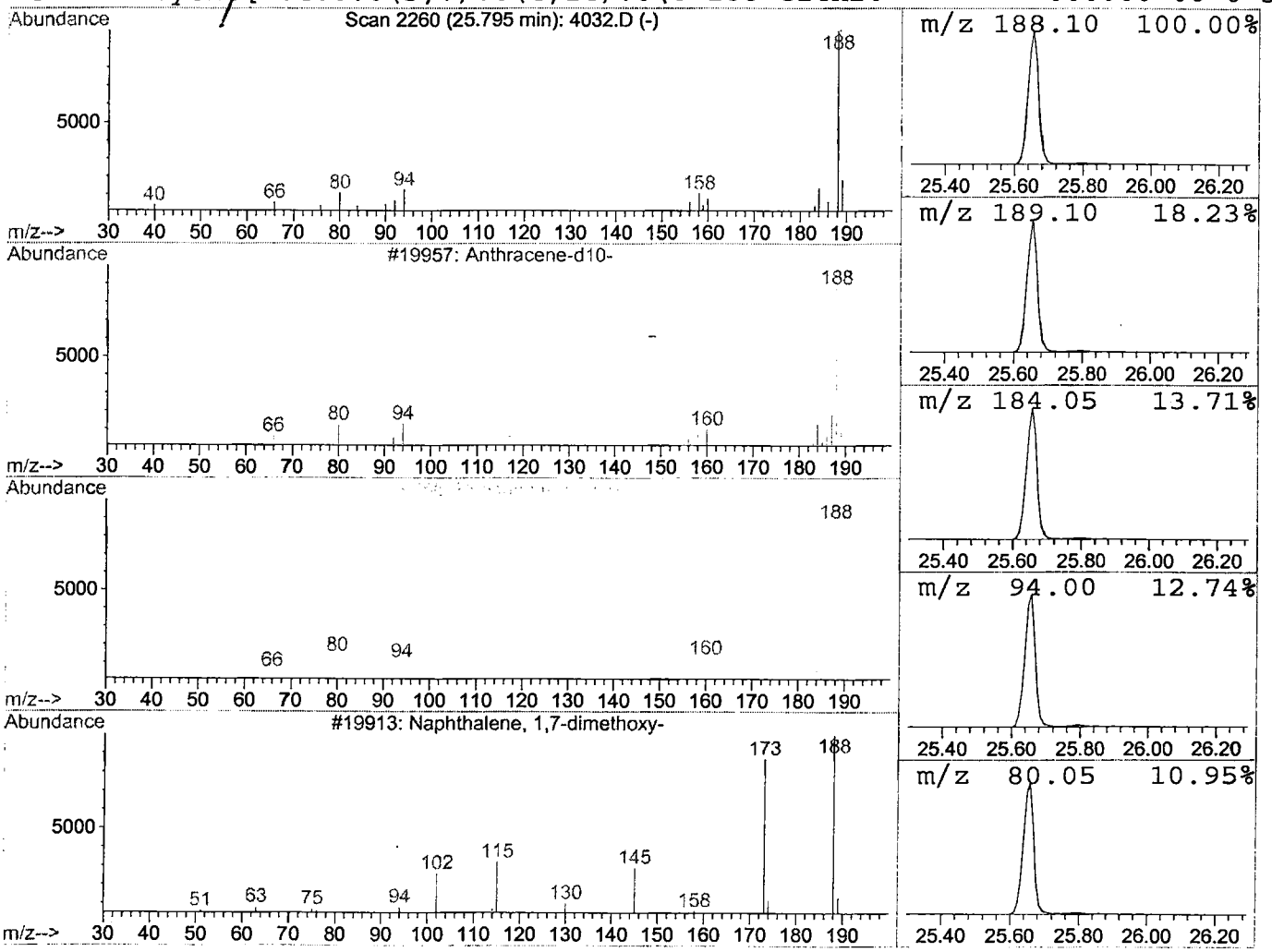
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.79	0.23 ug/l	45220	Phenanthrene-d10	25.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	91
2	Phenanthrene-d10	188	C14D10	001517-22-2	80
3	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	36
4	Pentacyclo[8.4.0.0(3,7).0(4,14).0(6	188	C14H20	000000-00-0	36



NYC-WTC_000038560

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Mar 2002 6:35 am
Data File: C:\HPCHEM\1\DATA\MAR2202\4032.D
Name: gc/ms scan 2/25
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Cyclopentasiloxane,	14.86	1.2	ug/l	211858	ISTD02	15.90	3447690	20.0
Anthracene-d10-	25.79	0.2	ug/l	45220	ISTD04	25.66	3864220	20.0

4032.D GCMS0308.M Tue Mar 26 10:45:34 2002