User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 10:15:21

Sample: AE04036
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 10:14 Ended: 3/29/02 10:14 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		100		5.0

Comments for Sample AE04036 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 10:15:25

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.

Data File : C:\HPCHEM\1\DATA\MAR2202\4036.D Vial: 44
Acq On : 24 Mar 2002 12:32 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 10:32 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	12.27	152	401756	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1573624	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.21	164	872542	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.65	188	1330299	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	909804	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	549308	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	81846	~~8.47~~ 4.99	ug/mL	0.23
Spiked Amount 5.000			Recovery =	~~169.40%~~ 100%		
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	248	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	21.52	165	101	N.D.		
25) Diethylphthalate	22.70	149	188	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

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Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 10:32 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

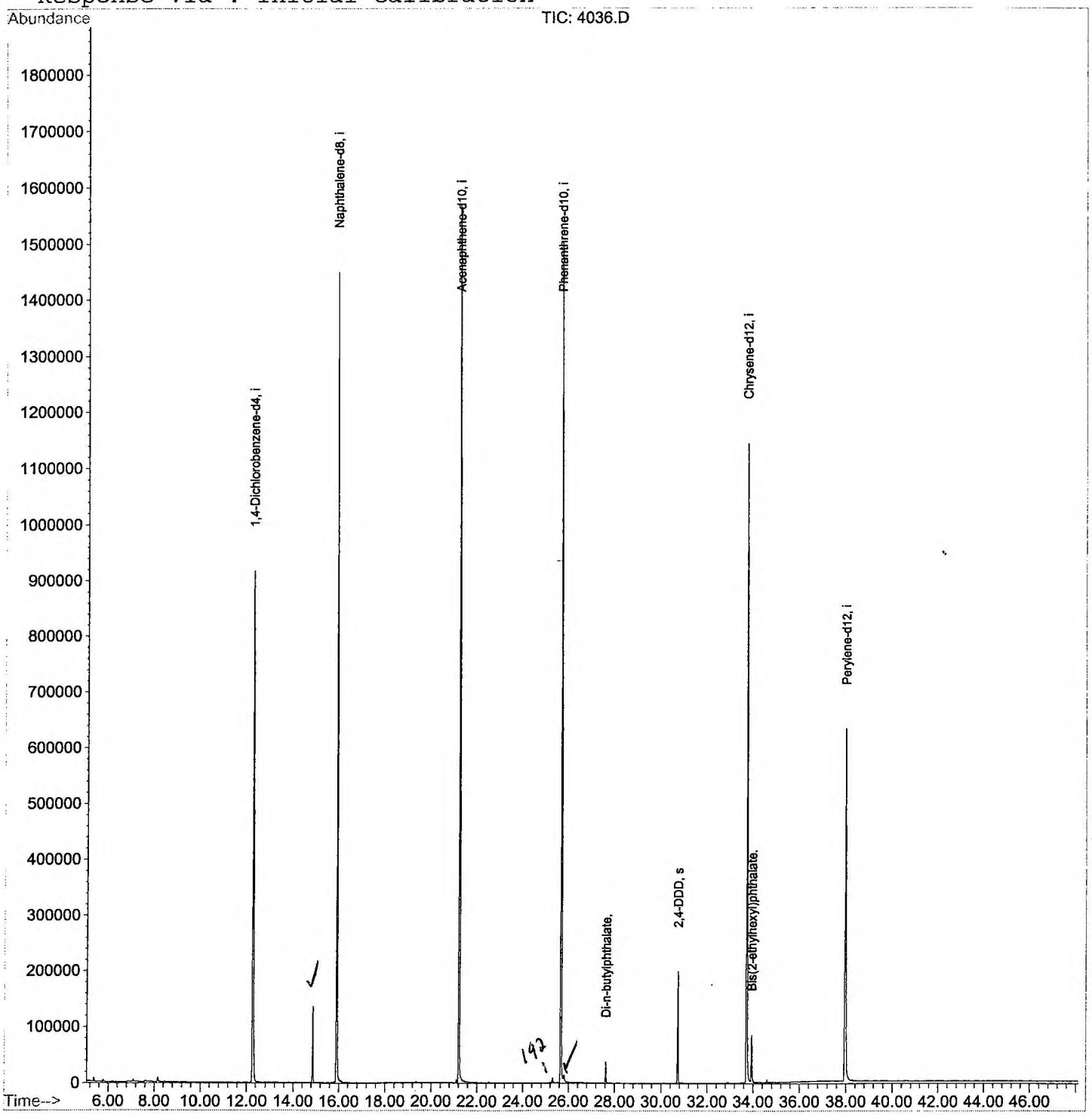
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.66	178	215	N.D.	
34)	Anthracene	25.66	178	215	N.D.	
35)	Di-n-butylphthalate	27.63	149	43170	0.60 ug/l #	98
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	1948	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	54463	1.50 ug/l #	93
43)	Chrysene	33.72	228	1948	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	2099	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4036.D Vial: 44
Acq On : 24 Mar 2002 12:32 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 10:32 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



Data File : C:\HPCHEM\1\DATA\MAR2202\4036.D Vial: 44
Acq On : 24 Mar 2002 12:32 pm 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

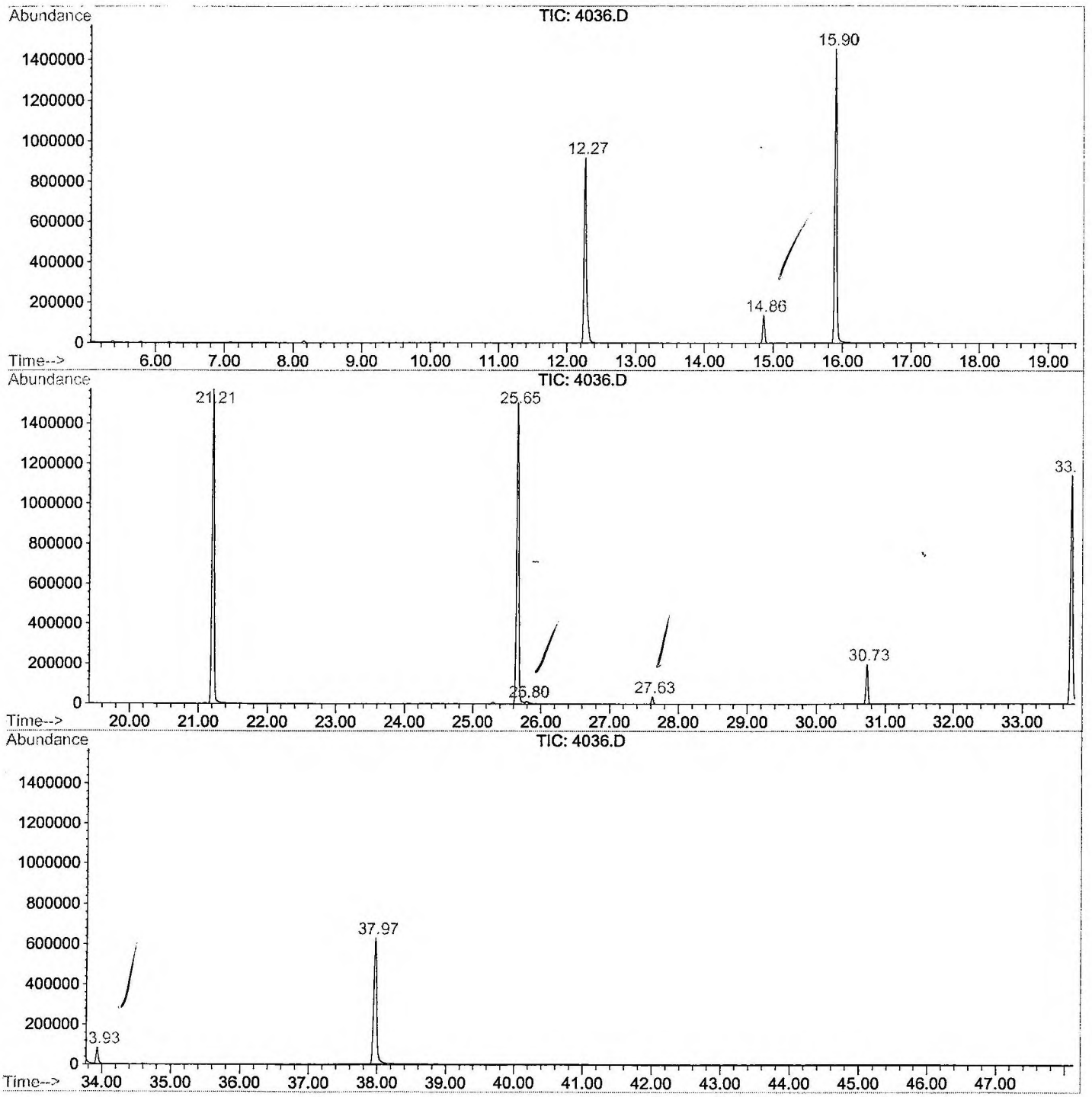
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.267	781	787	806	rVB	915726	2189278	65.70%	12.668%
2	14.865	1064	1070	1076	rVB	135706	257751	7.73%	1.491%
3	15.902	1177	1183	1195	rBV	1449226	2959528	88.81%	17.125%
4	21.208	1755	1761	1777	rBV	1569665	3330402	99.94%	19.271%
5	25.652	2239	2245	2257	rBV2	1500737	3332376	100.00%	19.282%
6	25.799	2257	2261	2274	rVB2	12452	40689	1.22%	0.235%
7	27.625	2454	2460	2470	rBV	37406	71077	2.13%	0.411%
8	30.728	2793	2798	2804	rBV	198760	402677	12.08%	2.330%
9	33.721	3117	3124	3142	rBV	1142707	2624116	78.75%	15.184%
10	33.932	3142	3147	3157	rVB	83639	183664	5.51%	1.063%
11	37.972	3578	3587	3606	rBV2	629253	1890647	56.74%	10.940%

Sum of corrected areas: 17282205

4036.D GCMS0308.M Tue Mar 26 10:49:15 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\4036.D
Operator :
Acquired : 24 Mar 2002 12:32 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/25
Misc Info :
Vial Number: 44
Quant File :GCMS0308.RES (RTE Integrator)



4036.D GCMS0308.M Tue Mar 26 10:49:21 2002

Data File : C:\HPCHEM\1\DATA\MAR2202\4036.D Vial: 44
Acq On : 24 Mar 2002 12:32 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

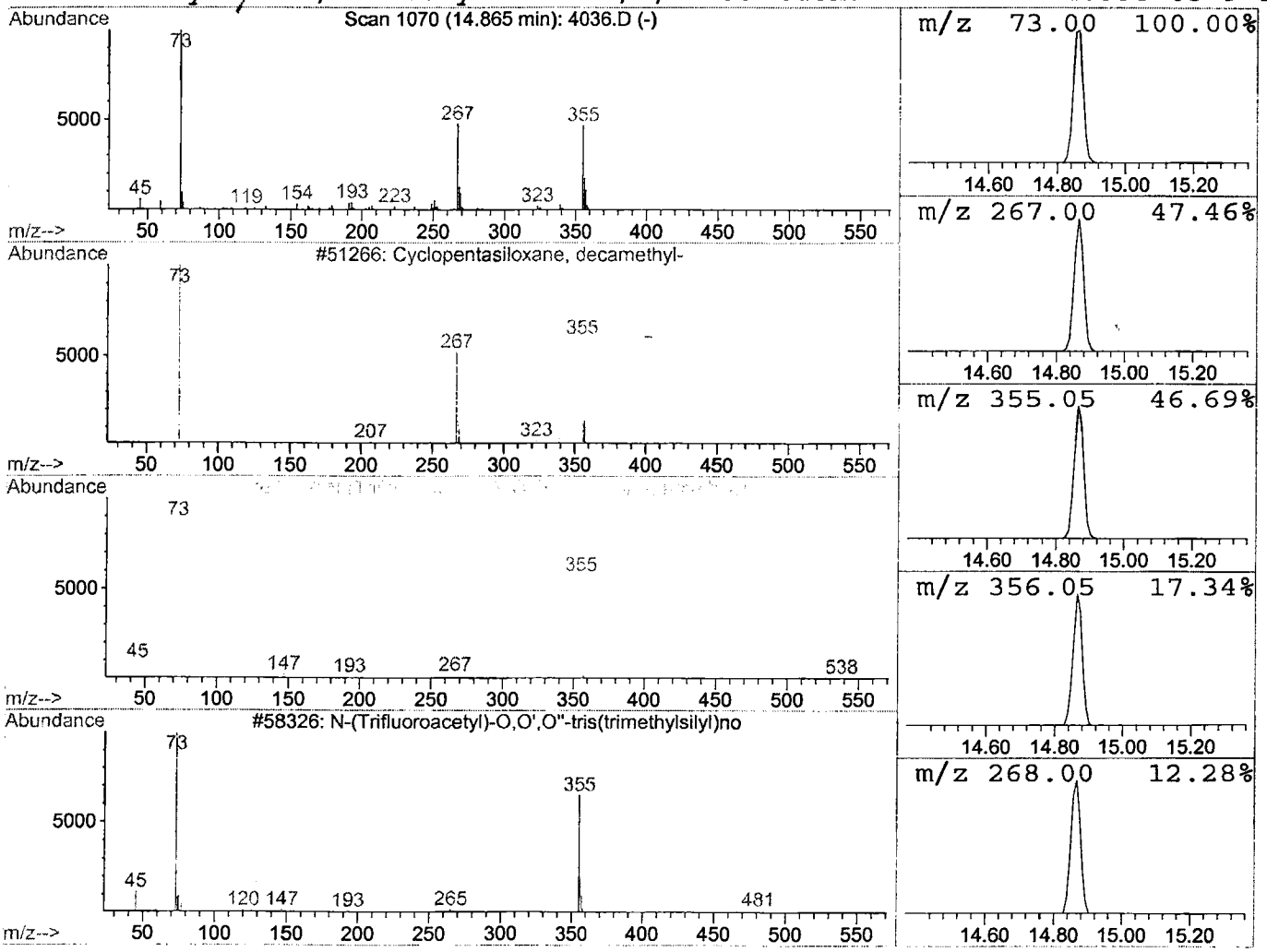
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	1.74 ug/l	257751	Naphthalene-d8	15.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	37
3	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	37
4	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	37



Data File : C:\HPCHEM\1\DATA\MAR2202\4036.D Vial: 44
Acq On : 24 Mar 2002 12:32 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

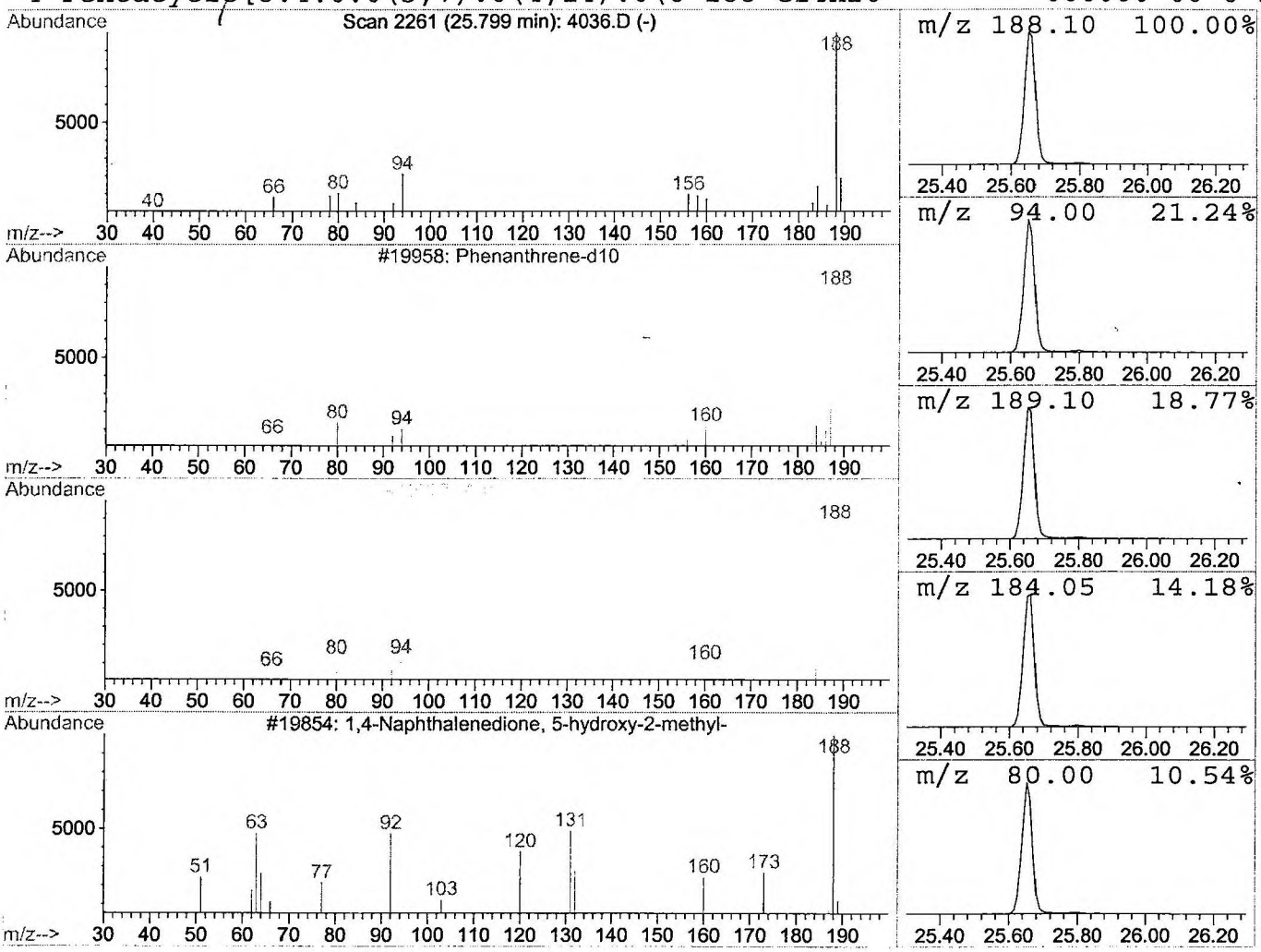
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	0.24 ug/l	40689	Phenanthrene-d10	25.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	72
2	Anthracene-d10-	188	C14D10	001719-06-8	64
3	1,4-Naphthalenedione, 5-hydroxy-2-m	188	C11H8O3	000481-42-5	37
4	Pentacyclo[8.4.0.0(3,7).0(4,14).0(6	188	C14H20	000000-00-0	33



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Mar 2002 12:32 pm
Data File: C:\HPCHEM\1\DATA\MAR2202\4036.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	1.7	ug/l	257751	ISTD02	15.90	2959530	20.0
Phenanthrene-d10	25.80	0.2	ug/l	40689	ISTD04	25.65	3332380	20.0

4036.D GCMS0308.M Tue Mar 26 10:49:34 2002