User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 08:54:18

Sample: AE04941
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/5/02 08:54 Ended: 4/5/02 08:54 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		118		5.0

Comments for Sample AE04941 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-05-2002 Time: 08:54:40

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was above its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR3002\4941.D Vial: 8
Acq On : 29 Mar 2002 9:53 pm Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 2 10:46 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 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	460806	20.00	ug/l	-0.11
10) Naphthalene-d8	15.88	136	1686313	20.00	ug/l	-0.12
17) Acenaphthene-d10	21.19	164	945953	20.00	ug/l	-0.13
29) Phenanthrene-d10	25.63	188	1331696	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	673352	20.00	ug/l	-0.15
44) Perylene-d12	37.93	264	367518	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	78650	5.89	ug/mL	0.21
Spiked Amount 5.000			Recovery = 117.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.50	74	293	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	15.95	128	585	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	0.00	165	0	N.D.		
25) Diethylphthalate	22.68	149	572	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

Quantitation Report (QT Reviewed)

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Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
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Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

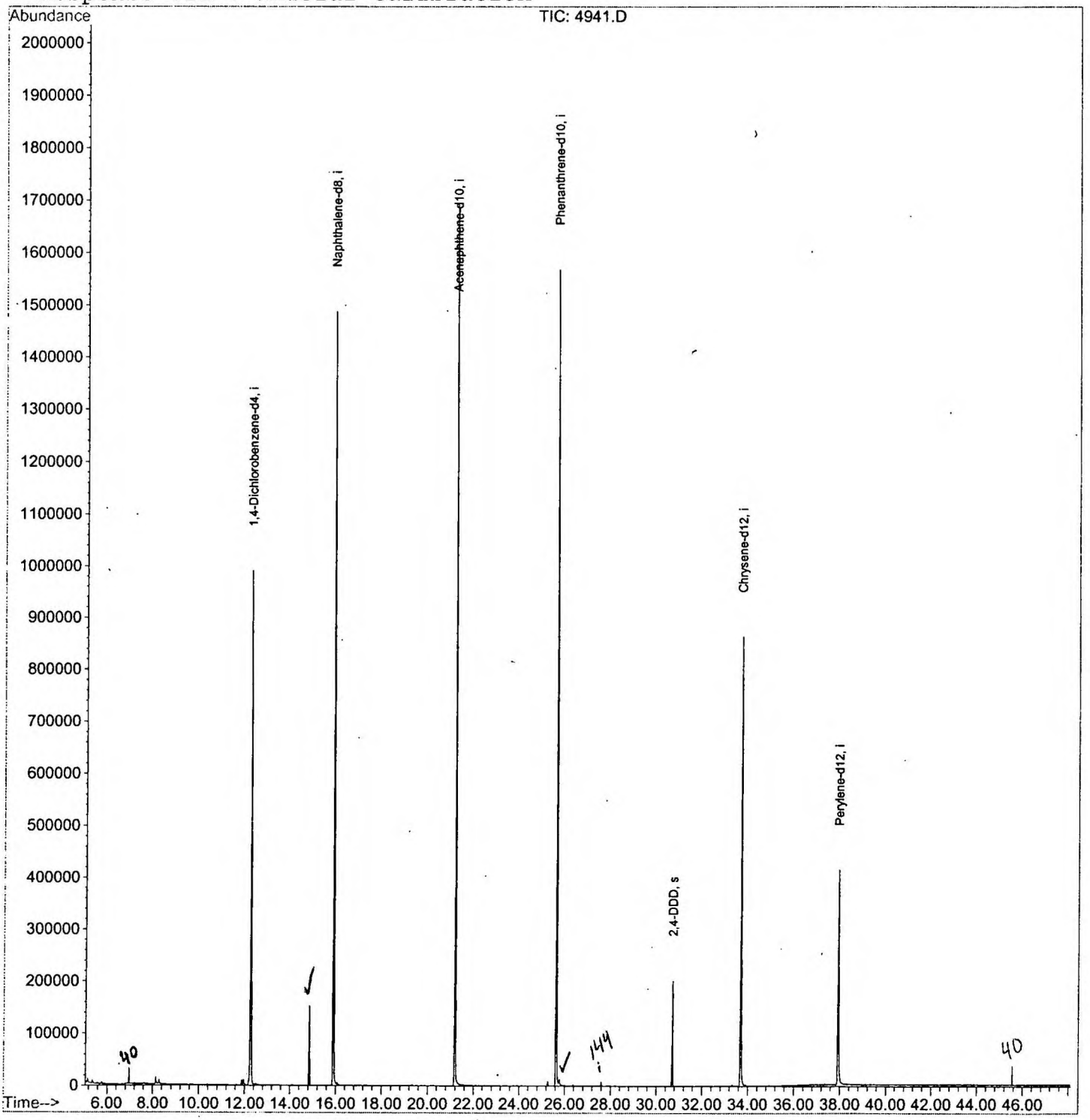
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.63	178	313	N.D.	
34)	Anthracene	25.63	178	313	N.D.	
35)	Di-n-butylphthalate	27.60	149	10849	N.D.	
36)	Fluoranthene	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	33.68	228	2110	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.90	149	950	N.D.	
43)	Chrysene	33.76	228	860	N.D.	
45)	Di-n-Octylphthalate	35.64	149	370	N.D.	
46)	Benzo(b)fluoranthene	36.75	252	1239	N.D.	
47)	Benzo(k)fluoranthene	36.82	252	1105	N.D.	
48)	Benzo(a)pyrene	37.73	252	300	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\MAR3002\4941.D Vial: 8
Acq On : 29 Mar 2002 9:53 pm Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 2 10:46 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 29 10:31:28 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR3002\4941.D Vial: 8
Acq On : 29 Mar 2002 9:53 pm Operator:
Sample : gc/ms scan 3/6 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

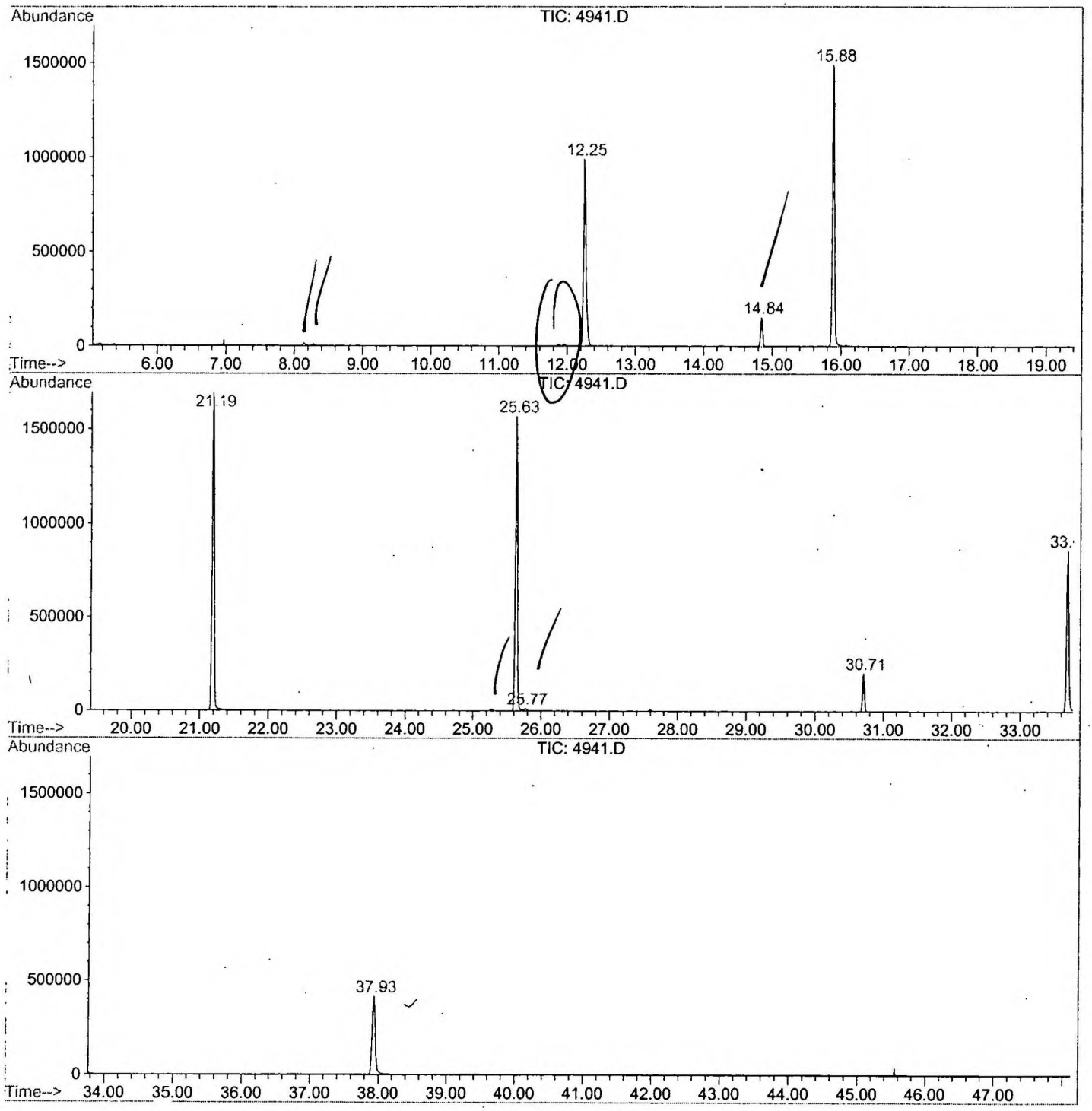
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.246	779	784	799	rVB	989040	2472188	68.91%	14.970%
2	14.844	1062	1067	1073	rVB	153147	295708	8.24%	1.791%
3	15.882	1174	1180	1194	rBV	1486939	3176934	88.55%	19.237%
4	21.188	1752	1758	1773	rBV	1694367	3587773	100.00%	21.725%
5	25.631	2235	2242	2253	rBV2	1567892	3360472	93.66%	20.349%
6	25.769	2253	2257	2268	rVB	11624	36465	1.02%	0.221%
7	30.708	2790	2795	2802	rVB	202750	384965	10.73%	2.331%
8	33.691	3113	3120	3131	rBV2	863864	1932967	53.88%	11.705%
9	37.933	3573	3582	3604	rBV2	414411	1266826	35.31%	7.671%

Sum of corrected areas: 16514298

4941.D GCMS0308.M Tue Apr 02 11:05:16 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR3002\4941.D
Operator :
Acquired : 29 Mar 2002 9:53 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/6
Misc Info :
Vial Number: 8
Quant File :GCMS0308.RES (RTE Integrator)



4941.D GCMS0308.M Tue Apr 02 11:05:22 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\4941.D Vial: 8
Acq On : 29 Mar 2002 9:53 pm Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

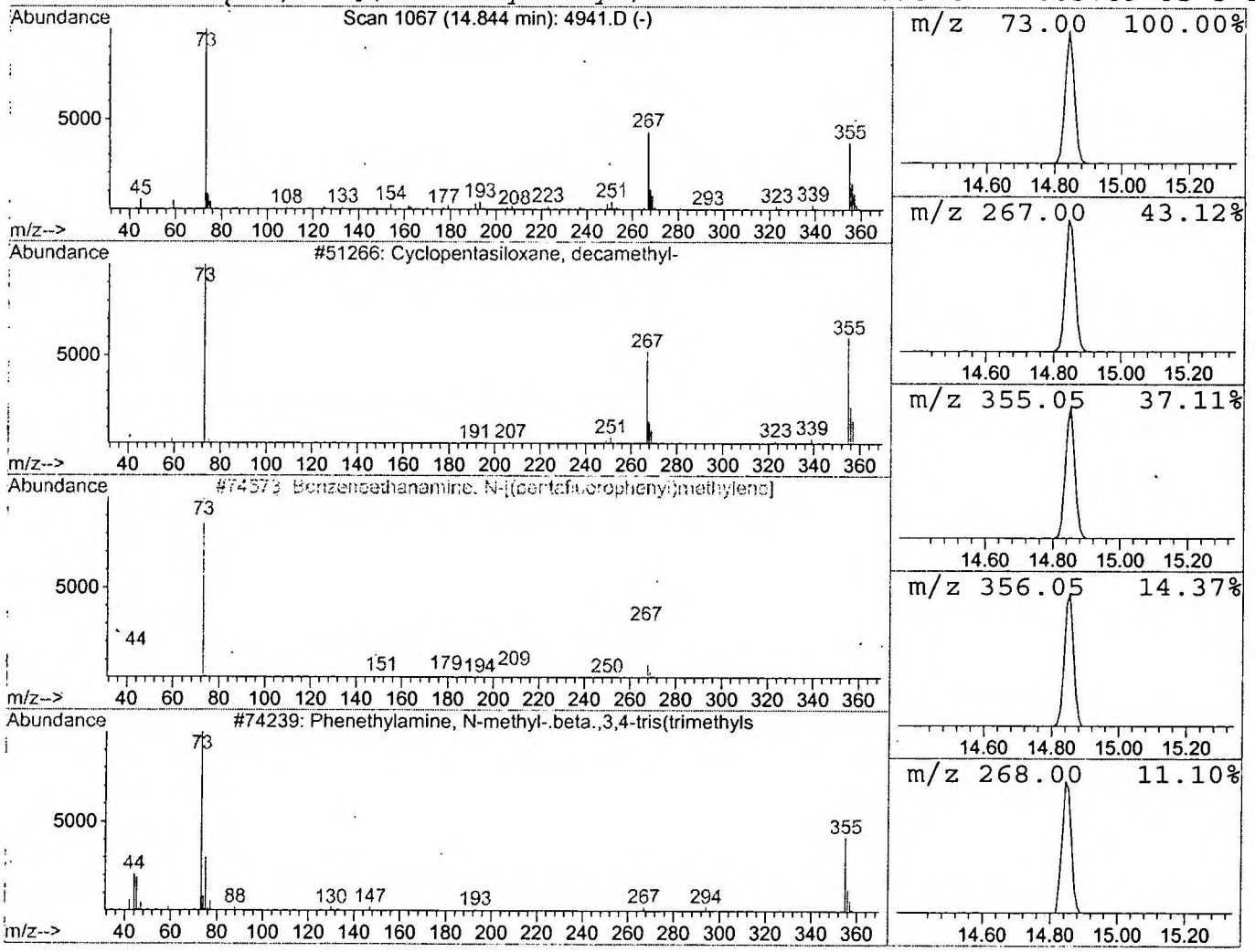
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	1.86 ug/l	295708	Naphthalene-d8	15.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	87
2	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	38
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	32
4	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\4941.D Vial: 8
Acq On : 29 Mar 2002 9:53 pm Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

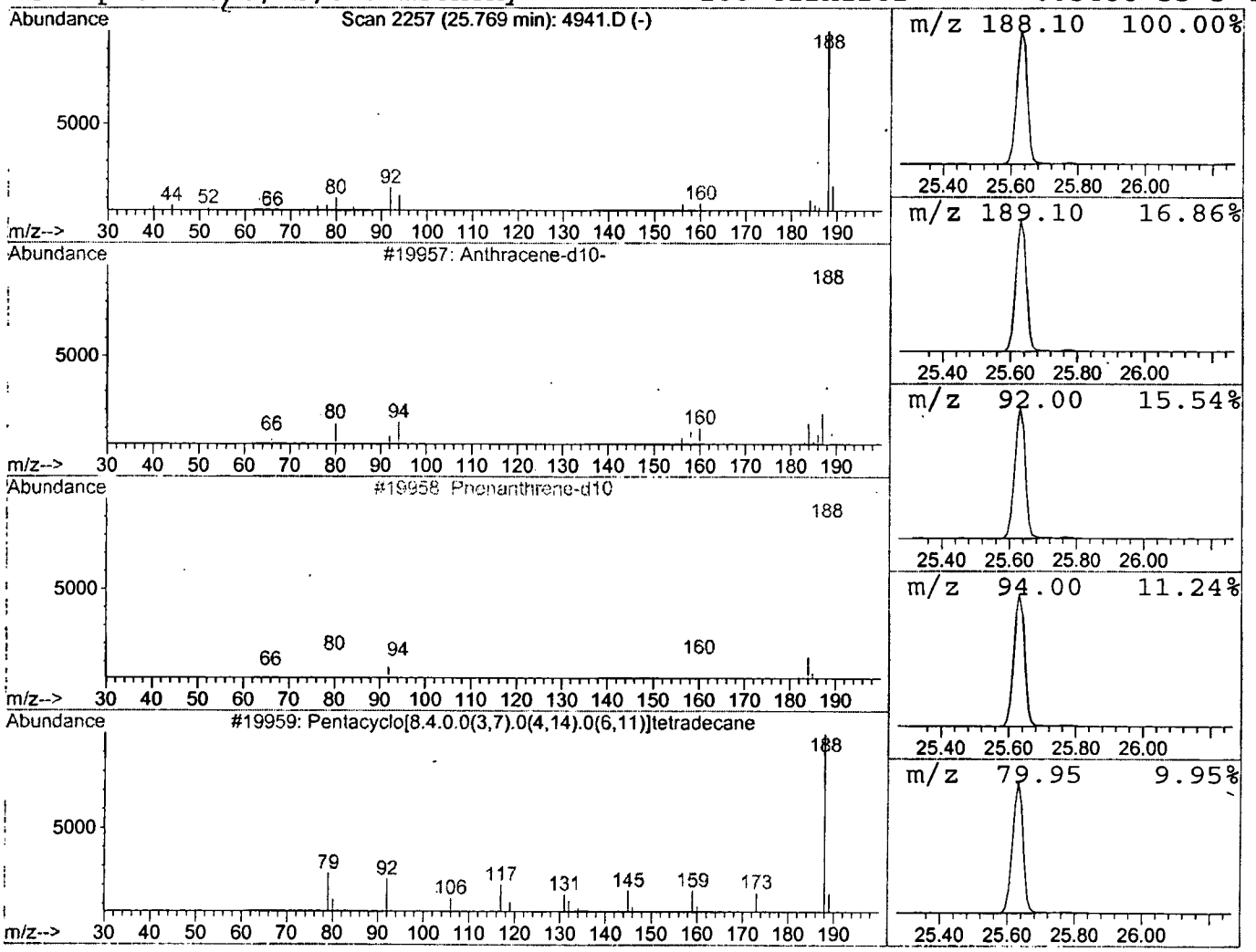
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.77	0.22 ug/l	36465	Phenanthrene-d10	25.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	50
2	Phenanthrene-d10	188	C14D10	001517-22-2	50
3	Pentacyclo[8.4.0.0(3,7).0(4,14).0(6	188	C14H20	000000-00-0	45
4	Naphthalene, 2,6-dimethoxy-	188	C12H12O2	005486-55-5	40



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 29 Mar 2002 9:53 pm
Data File: C:\HPCHEM\1\DATA\MAR3002\4941.D
Name: gc/ms scan 3/6
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,	14.84	1.9	ug/l	295708	ISTD02	15.88	3176930	20.0
Anthracene-d10-	25.77	0.2	ug/l	36465	ISTD04	25.63	3360470	20.0

4941.D GCMS0308.M Tue Apr 02 11:05:35 2002