User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/16/2002 Time: 15:26:25

Sample: AE09578
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/16/02 15:23 Ended: 5/16/02 15:23 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		89		10.0

Comments for Sample AE09578 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-16-2002 Time: 15:27:01

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0902\9578.D Vial: 6
Acq On : 9 May 2002 7:14 pm Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 10 13:49 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	475742	40.00	ug/l	0.00
10) Naphthalene-d8	15.83	136	1738770	40.00	ug/l	0.00
17) Acenaphthene-d10	21.14	164	948246	40.00	ug/l	0.00
30) Phenanthrene-d10	25.58	188	1329102	40.00	ug/l	0.00
38) Chrysene-d12	33.63	240	818747	40.00	ug/l	0.00
44) Perylene-d12	37.86	264	508812	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.28	209	167617	35.54	ug/L	0.00
Spiked Amount 40.000			Recovery = 88.85%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	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-Nitrosodi-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	15.88	128	395	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	22.62	149	738	N.D.		
26) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.27	168	496	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.64	178	238	N.D.		

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

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Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

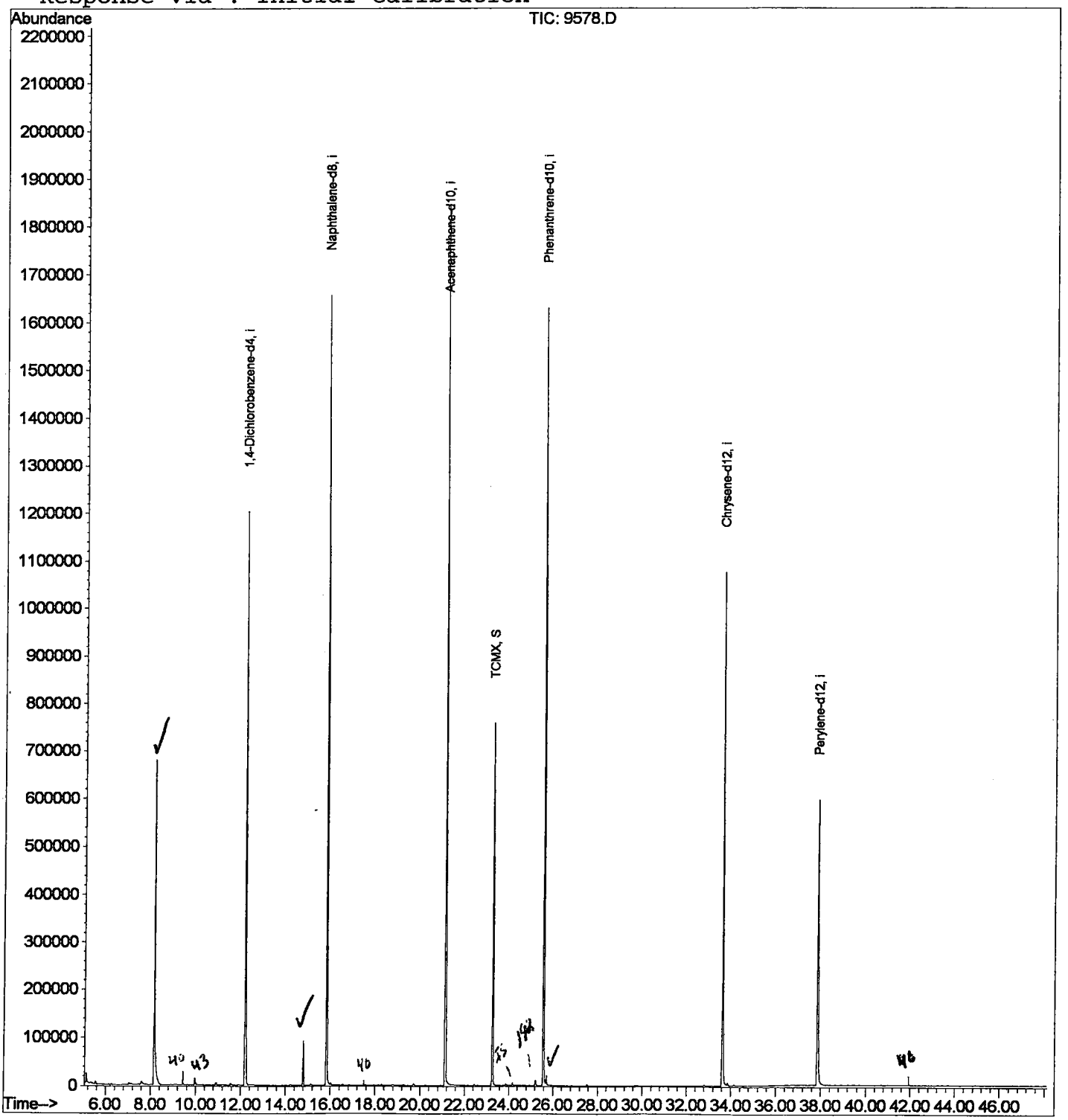
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.64	178	238	N.D.	
36) Di-n-butylphthalate	27.55	149	4077	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	32.08	149	303	N.D.	
41) Benzo(a)anthracene	33.63	228	2678	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.85	149	4270	N.D.	
43) Chrysene	33.71	228	1638	N.D.	
45) Di-n-Octylphthalate	35.59	149	190	N.D.	
46) Benzo(b)fluoranthene	36.69	252	934	N.D.	
47) Benzo(k)fluoranthene	36.75	252	1189	N.D.	
48) Benzo(a)pyrene	37.68	252	195	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\MAY0902\9578.D Vial: 6
Acq On : 9 May 2002 7:14 pm Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 10 13:49 2002 Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0902\9578.D Vial: 6
Acq On : 9 May 2002 7:14 pm Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0510.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

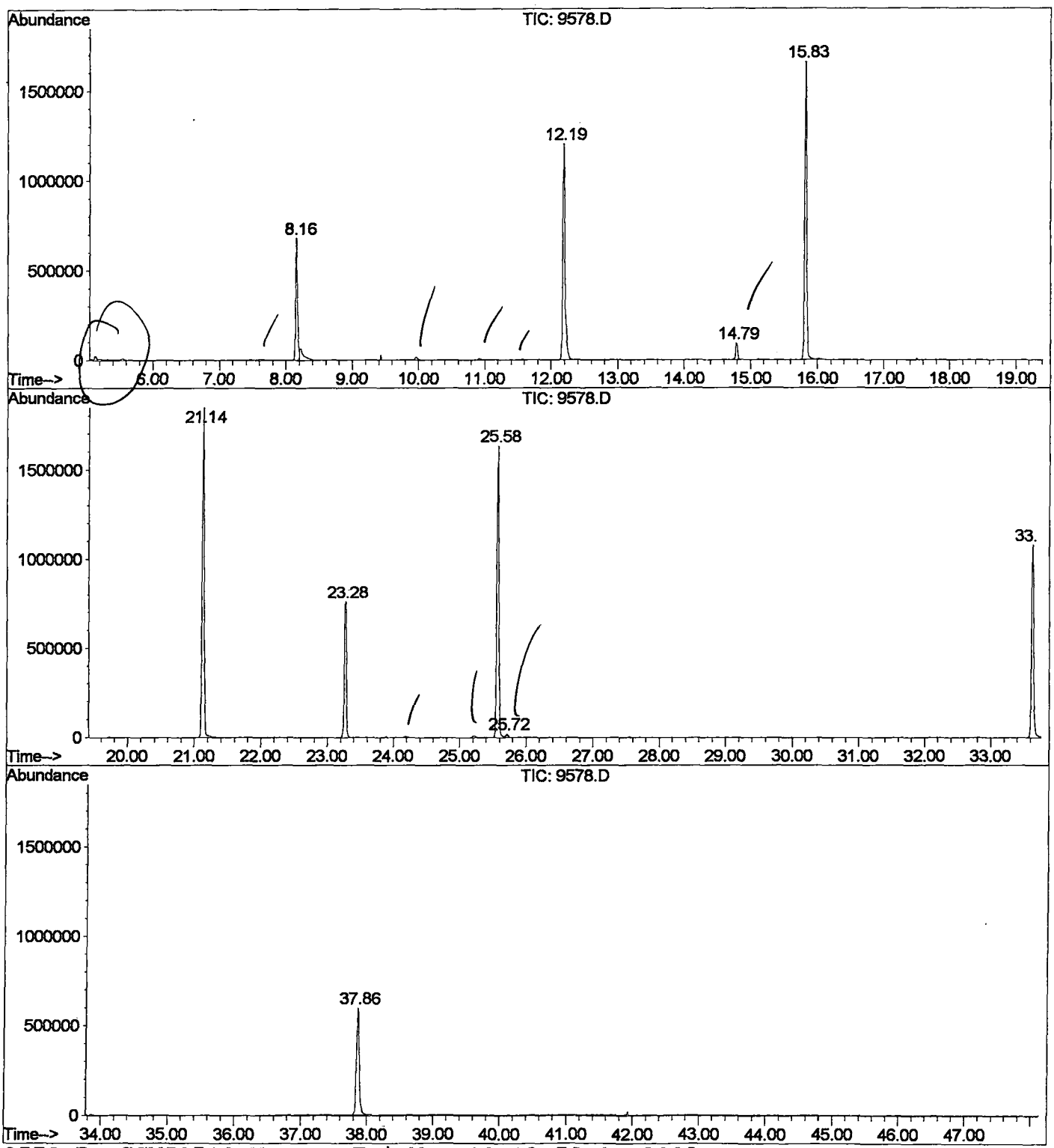
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.159	336	340	345	rBV	677722	1290065	33.83%	6.214%
2	12.191	774	780	799	rBV	1201775	2700916	70.82%	13.009%
3	14.794	1058	1064	1069	rBV	92466	177488	4.65%	0.855%
4	15.829	1171	1177	1195	rBV	1655600	3407567	89.35%	16.413%
5	21.135	1749	1756	1773	rBV	1845567	3813738	100.00%	18.369%
6	23.279	1982	1990	1995	rBV	758522	1603489	42.05%	7.723%
7	25.579	2234	2241	2252	rBV2	1629000	3535197	92.70%	17.028%
8	25.717	2252	2256	2266	rVB	19206	41378	1.08%	0.199%
9	33.634	3114	3120	3137	rBV2	1075577	2423608	63.55%	11.674%
10	37.859	3573	3581	3602	rBV2	595046	1767987	46.36%	8.516%

Sum of corrected areas: 20761433

9578.D GCMS0510.M Fri May 10 13:59:13 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0902\9578.D
Operator :
Acquired : 9 May 2002 7:14 pm using AcqMethod GCMS0507
Instrument : 209
Sample Name: GC/MS SCAN 5/8
Misc Info :
Vial Number: 6
Quant File :GCMS0510.RES (RTE Integrator)



9578.D GCMS0510.M Fri May 10 13:59:14 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0902\9578.D
Acq On : 9 May 2002 7:14 pm
Sample : GC/MS SCAN 5/8
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator:
Inst : 209
Multiplr: 1.00

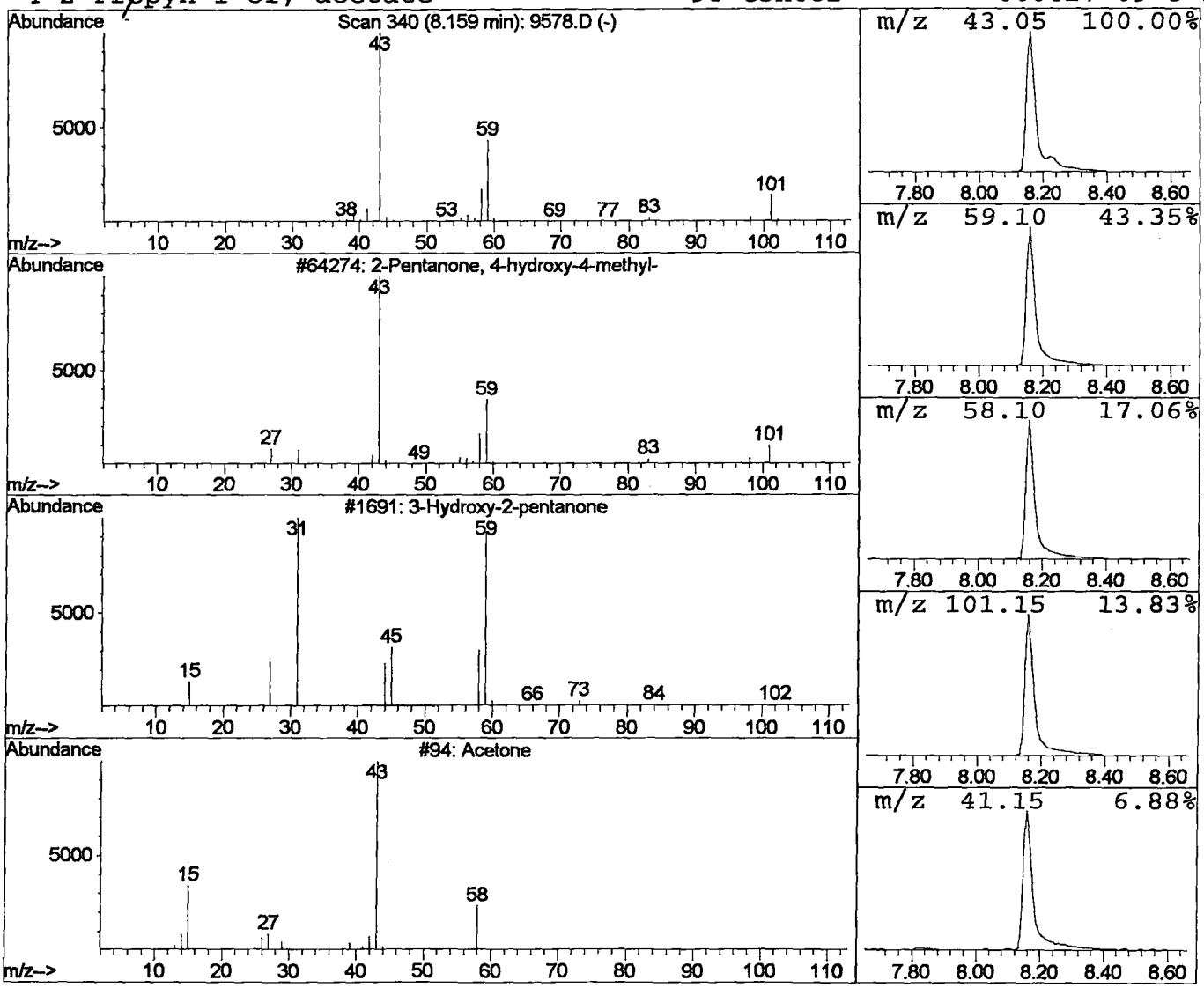
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	19.11 ug/l	1290070	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	Acetone	58	C3H6O	000067-64-1	7
4	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0902\9578.D Vial: 6
Acq On : 9 May 2002 7:14 pm Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

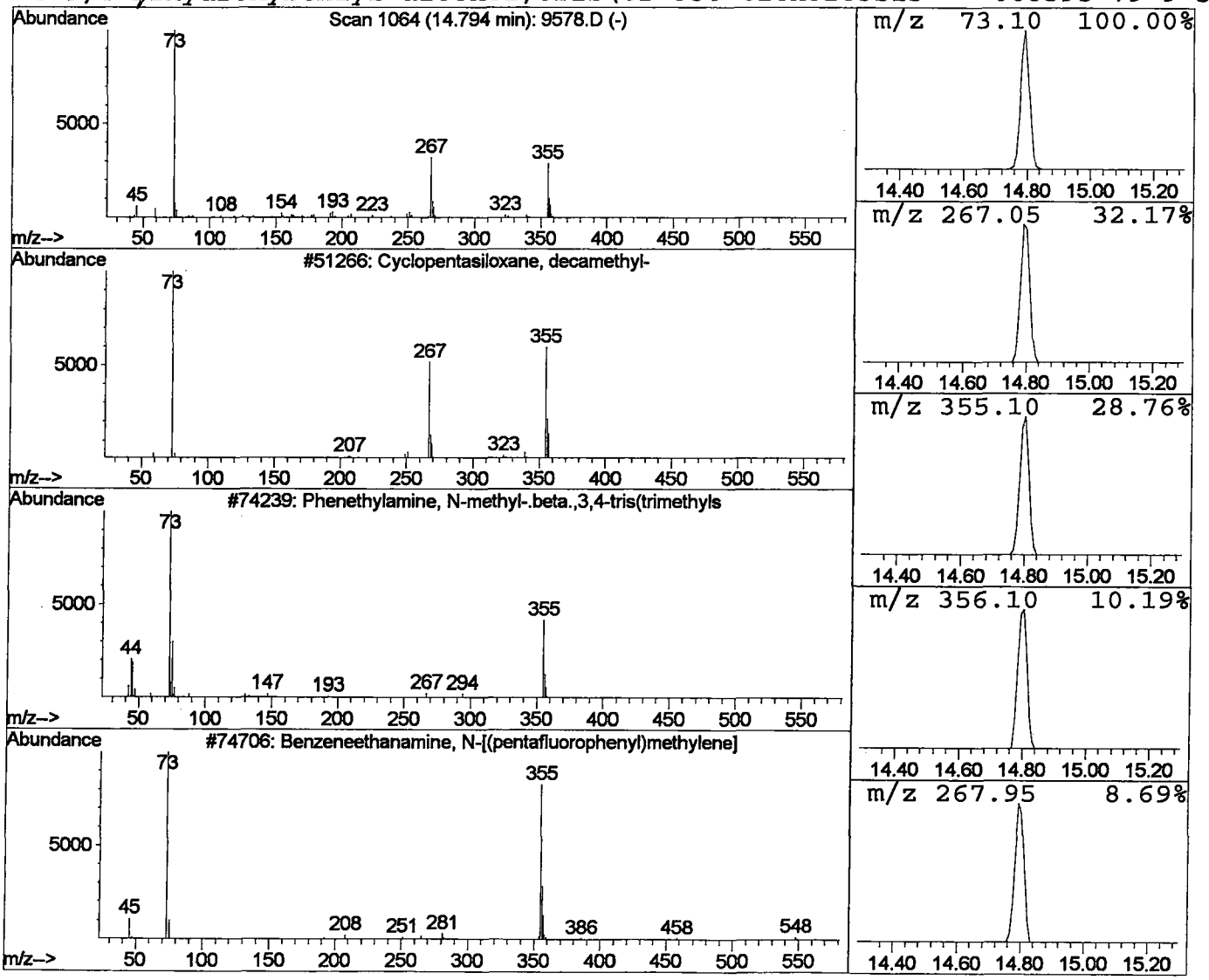
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.08 ug/l	177488	Naphthalene-d8	15.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	40
3	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	38
4	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0902\9578.D Vial: 6
Acq On : 9 May 2002 7:14 pm Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

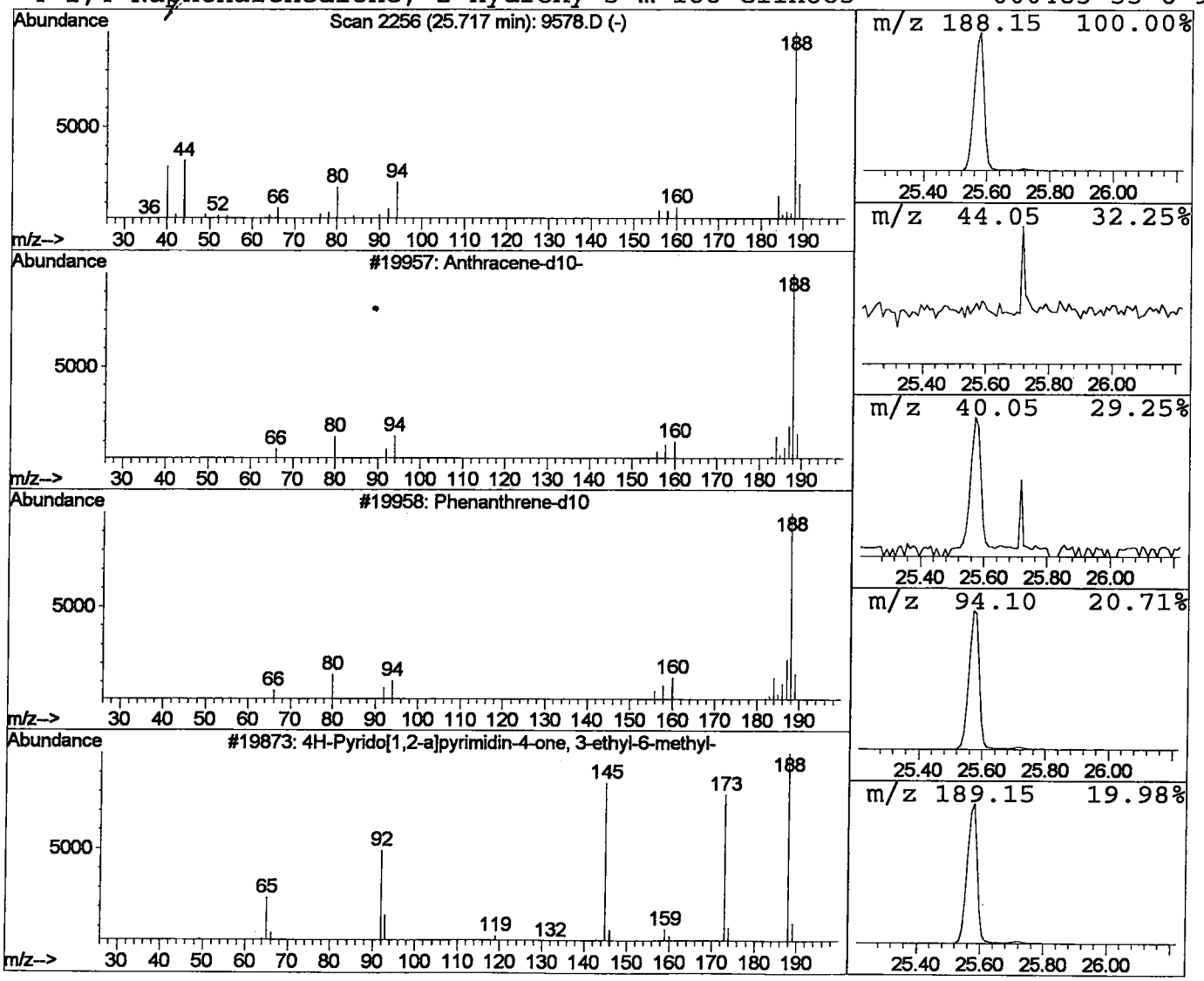
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.72	0.47 ug/l	41378	Phenanthrene-d10	25.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	70
2	Phenanthrene-d10	188	C14D10	001517-22-2	59
3	4H-Pyrido[1,2-a]pyrimidin-4-one, 3-	188	C11H12N2O	057773-19-0	23
4	1,4-Naphthalenedione, 2-hydroxy-3-m	188	C11H8O3	000483-55-6	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 9 May 2002 7:14 pm
Data File: C:\HPCHEM\1\DATA\MAY0902\9578.D
Name: GC/MS SCAN 5/8
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0510.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
2-Pentanone, 4-hydro	8.16	19.1	ug/l	1290070	ISTD01	12.19	2700920	40.0
Cyclopentasiloxane,	14.79	2.1	ug/l	177488	ISTD02	15.83	3407570	40.0
Anthracene-d10-	25.72	0.5	ug/l	41378	ISTD04	25.58	3535200	40.0

9578.D GCMS0510.M Fri May 10 13:59:18 2002