User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/16/2002 Time: 15:43:42

Sample: AE09446
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/16/02 15:43 Ended: 5/16/02 15:43 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		81		10.0

Comments for Sample AE09446 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-16-2002 Time: 15:43:54

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

Data File : C:\HPCHEM\1\DATA\MAY0902\9446.D Vial: 13
Acq On : 10 May 2002 2:11 am Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 10 13:55 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	12.20	152	467323	40.00	ug/l	0.00
10) Naphthalene-d8	15.83	136	1696770	40.00	ug/l	0.00
17) Acenaphthene-d10	21.13	164	930470	40.00	ug/l	0.00
30) Phenanthrene-d10	25.58	188	1281846	40.00	ug/l	0.00
38) Chrysene-d12	33.63	240	765928	40.00	ug/l	0.00
44) Perylene-d12	37.86	264	459747	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.28	209	150707	32.56	ug/L	0.00
Spiked Amount 40.000			Recovery = 81.40%			
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	220	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	758	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	23.28	168	234	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.64	178	357	N.D.		

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

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Misc : Multiplr: 1.00
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Quant Time: May 10 13:55 2002 Quant Results File: GCMS0510.RES

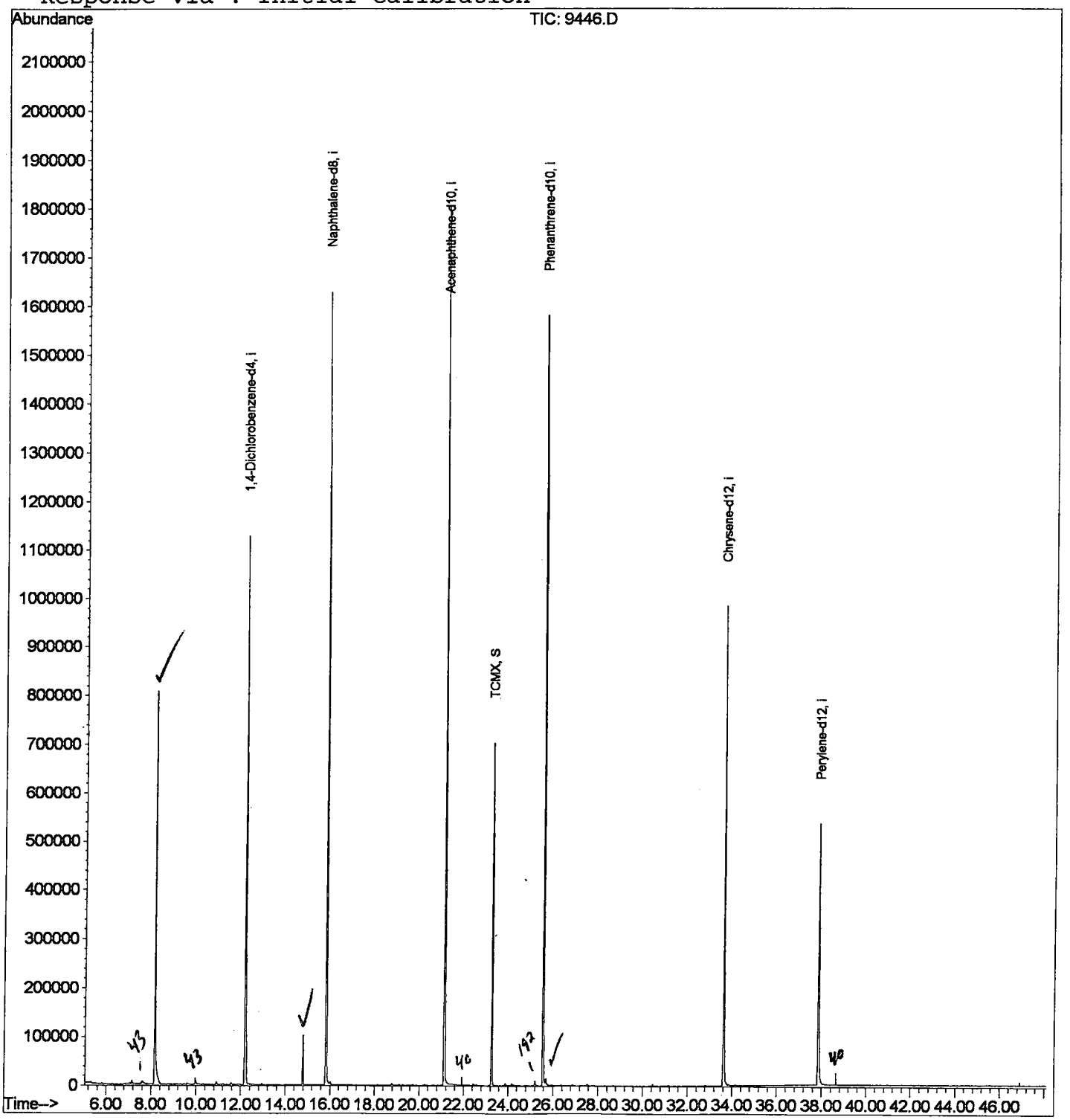
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.64	178	357	N.D.	
36) Di-n-butylphthalate	27.55	149	4648	N.D.	
37) Fluoranthene	29.28	202	196	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.64	228	1803	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.85	149	1207	N.D.	
43) Chrysene	33.70	228	465	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	37.86	252	1777	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

Data File : C:\HPCHEM\1\DATA\MAY0902\9446.D Vial: 13
Acq On : 10 May 2002 2:11 am Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 10 13:55 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



Data File : C:\HPCHEM\1\DATA\MAY0902\9446.D Vial: 13
Acq On : 10 May 2002 2:11 am 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

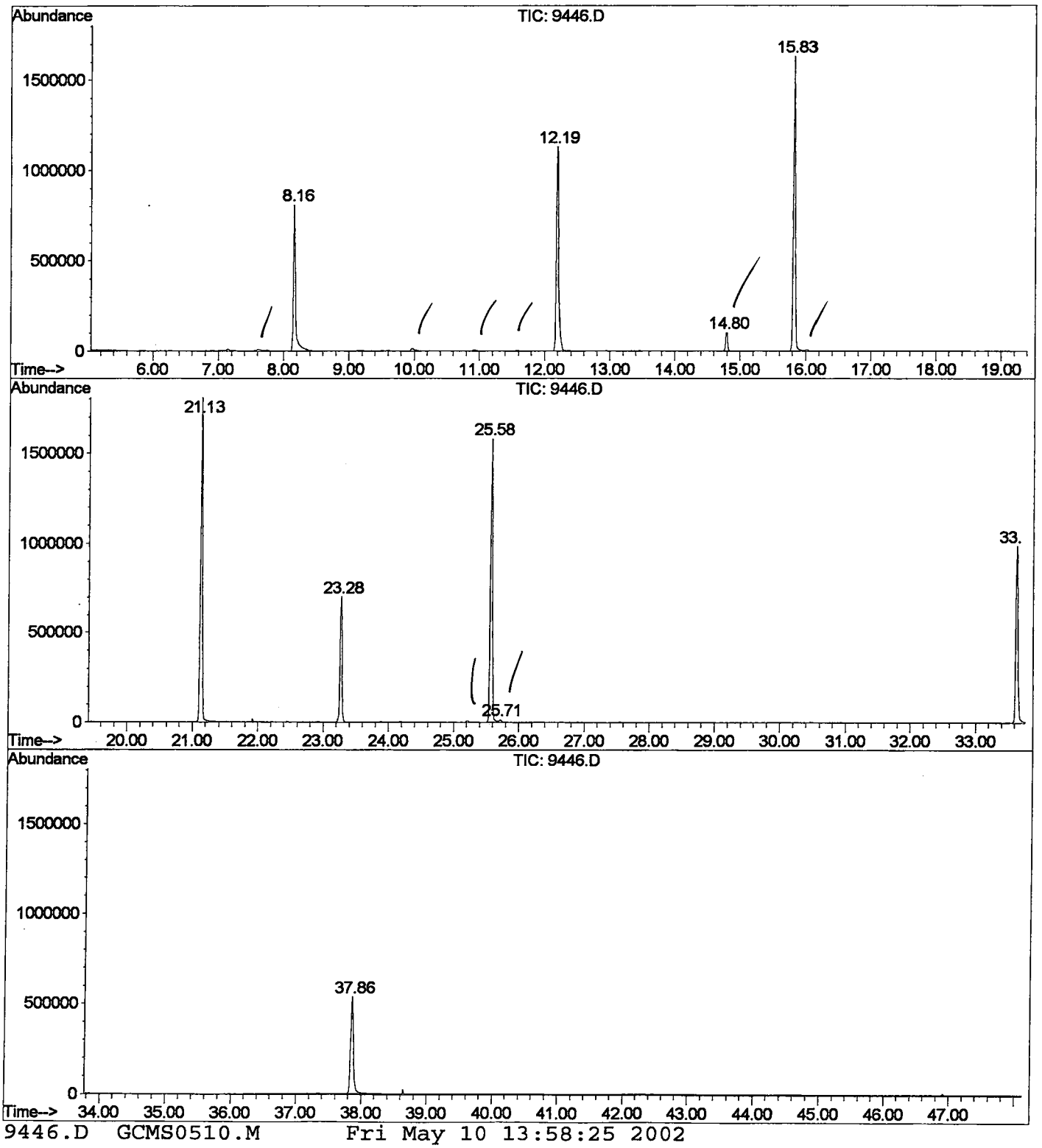
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.156	336	340	367	rBV	805456	1723003	46.20%	8.457%
2	12.188	775	780	797	rVB	1126988	2629049	70.50%	12.904%
3	14.799	1058	1065	1072	rBV	102208	207258	5.56%	1.017%
4	15.826	1171	1177	1194	rBV	1629129	3322743	89.10%	16.309%
5	21.132	1750	1756	1773	rBV	1806598	3729190	100.00%	18.304%
6	23.276	1980	1990	2001	rBV	703085	1437759	38.55%	7.057%
7	25.576	2234	2241	2252	rBV2	1580324	3403127	91.26%	16.703%
8	25.713	2252	2256	2272	rVB	14146	40850	1.10%	0.201%
9	33.631	3114	3120	3137	rBV2	984520	2272305	60.93%	11.153%
10	37.864	3573	3582	3605	rBV2	533970	1608743	43.14%	7.896%

Sum of corrected areas: 20374027

9446.D GCMS0510.M Fri May 10 13:58:24 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0902\9446.D
Operator :
Acquired : 10 May 2002 2:11 am using AcqMethod GCMS0507
Instrument : 209
Sample Name: GC/MS SCAN 5/8
Misc Info :
Vial Number: 13
Quant File :GCMS0510.RES (RTE Integrator)



9446.D GCMS0510.M Fri May 10 13:58:25 2002

Data File : C:\HPCHEM\1\DATA\MAY0902\9446.D Vial: 13
Acq On : 10 May 2002 2:11 am Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

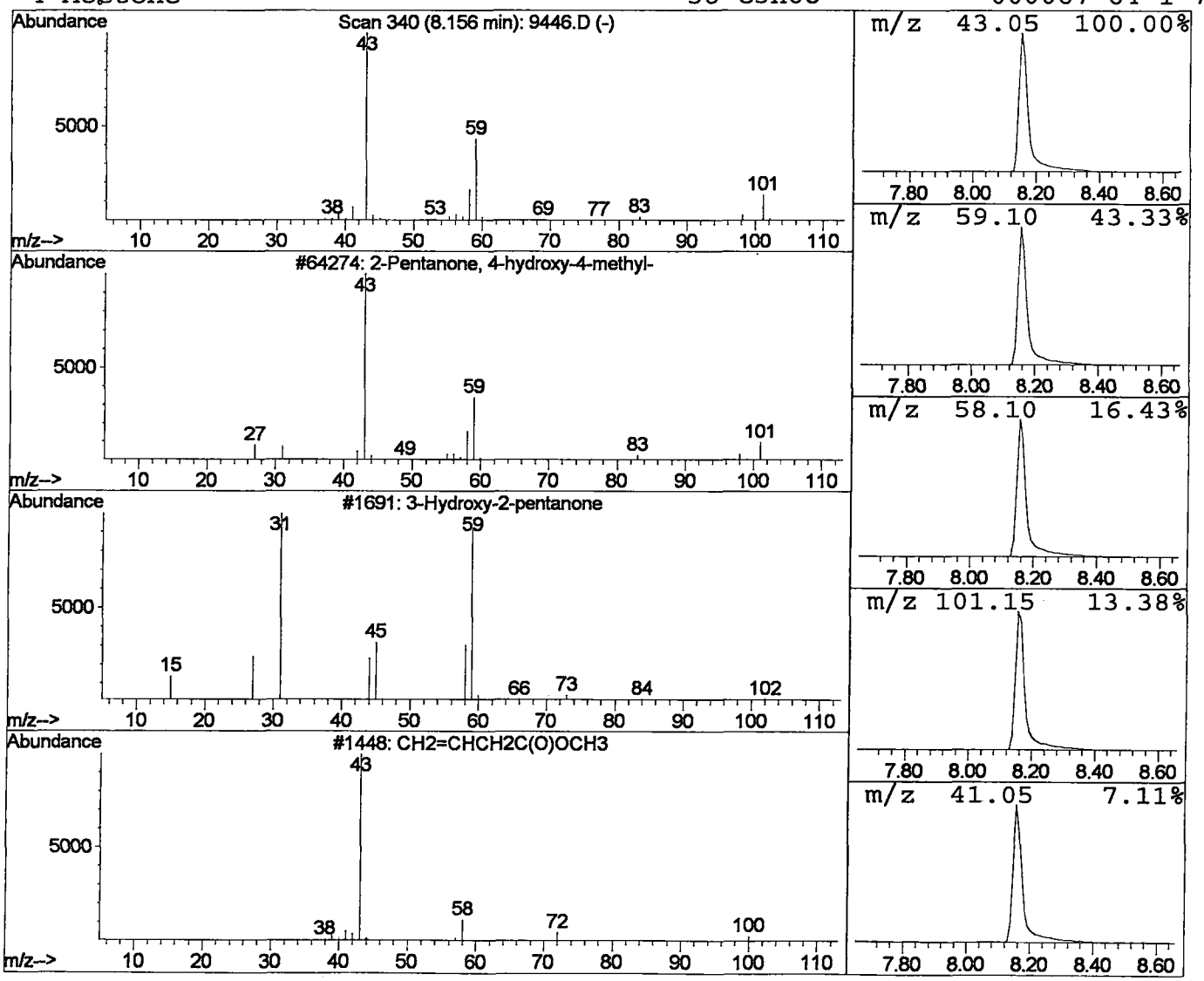
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	26.21 ug/l	1723000	1,4-Dichlorobenzene-d4	12.20

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	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Acetone	58	C3H6O	000067-64-1	7



Data File : C:\HPCHEM\1\DATA\MAY0902\9446.D Vial: 13
Acq On : 10 May 2002 2:11 am Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

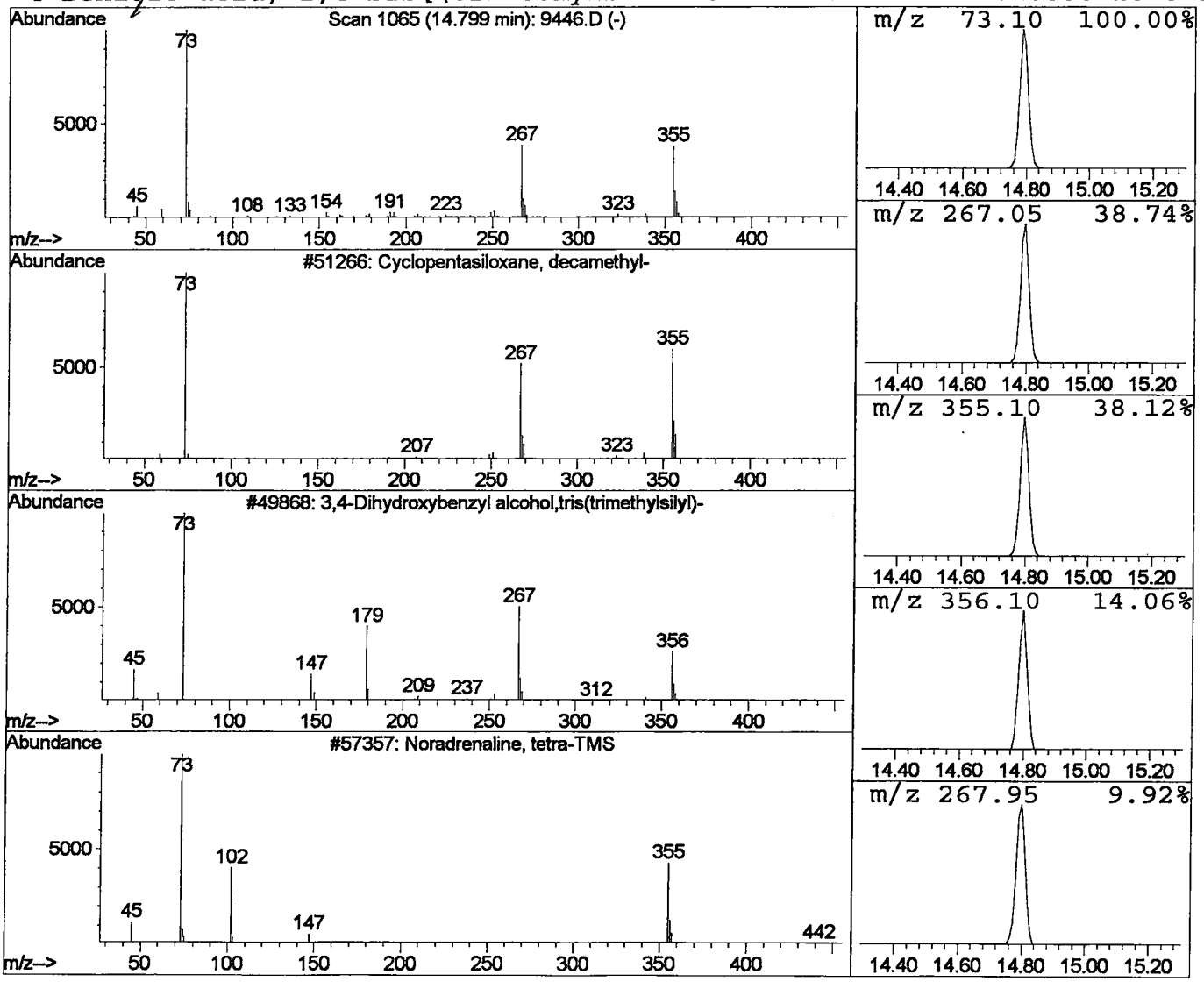
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.50 ug/l	207258	Naphthalene-d8	15.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	43
3	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37
4	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	37



Data File : C:\HPCHEM\1\DATA\MAY0902\9446.D Vial: 13
Acq On : 10 May 2002 2:11 am Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

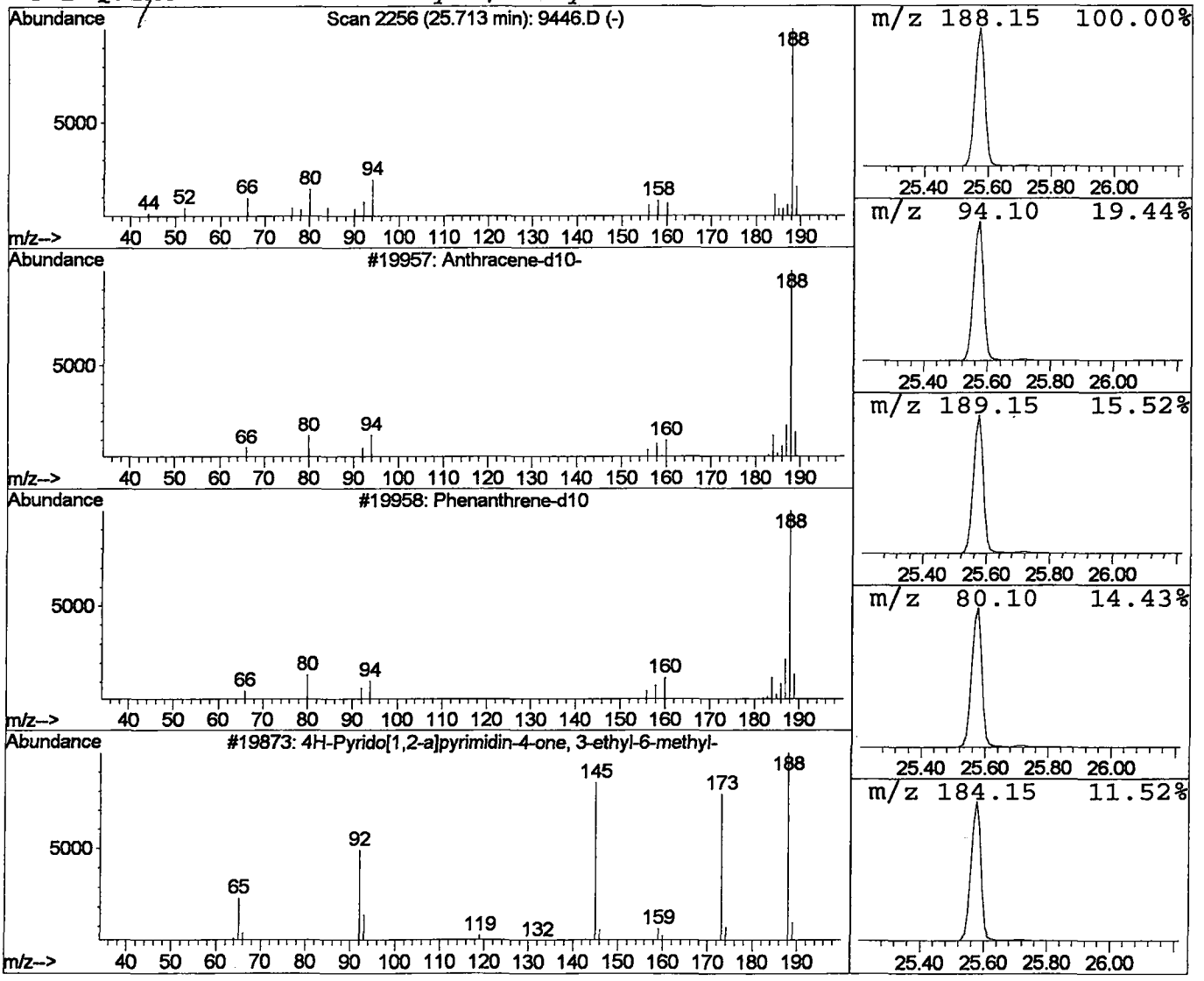
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.71	0.48 ug/l	40850	Phenanthrene-d10	25.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	83
2	Phenanthrene-d10	188	C14D10	001517-22-2	80
3	4H-Pyrido[1,2-a]pyrimidin-4-one, 3-	188	C11H12N2O	057773-19-0	40
4	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 10 May 2002 2:11 am
Data File: C:\HPCHEM\1\DATA\MAY0902\9446.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	26.2	ug/l	1723000	ISTD01	12.20	2629050	40.0
Cyclopentasiloxane,	14.80	2.5	ug/l	207258	ISTD02	15.83	3322740	40.0
Anthracene-d10-	25.71	0.5	ug/l	40850	ISTD04	25.58	3403130	40.0

9446.D GCMS0510.M Fri May 10 13:58:29 2002