User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/16/2002 Time: 15:08:38

Sample: AE06994
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/16/02 15:08 Ended: 4/16/02 15:08 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		110		5.0

Comments for Sample AE06994 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-16-2002 Time: 15:09:02

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 4 of the 43 compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0405\6994.D Vial: 23
Acq On : 6 Apr 2002 5:35 pm Operator:
Sample : gc/ms scan 3/26 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: GOOFY.P
Quant Time: Apr 15 14:35 2002 Quant Results File: GCMS0408.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 15 14:10:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	430880	20.00	ug/l	-0.02
10) Naphthalene-d8	15.88	136	1550553	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.19	164	881897	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.63	188	1202569	20.00	ug/l	-0.03
39) Chrysene-d12	33.69	240	545066	20.00	ug/l	-0.03
45) Perylene-d12	37.93	264	289871	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.33	209	26125	10.99	ug/mL	0.00
Spiked Amount 10.000			Recovery = 109.90%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
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	0.00	128	0	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.	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	0.00	149	0	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

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

Quantitation Report (QT Reviewed)

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Acq On : 6 Apr 2002 5:35 pm Operator:
Sample : gc/ms scan 3/26 Inst : GC/MS 209
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Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 15 14:10:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

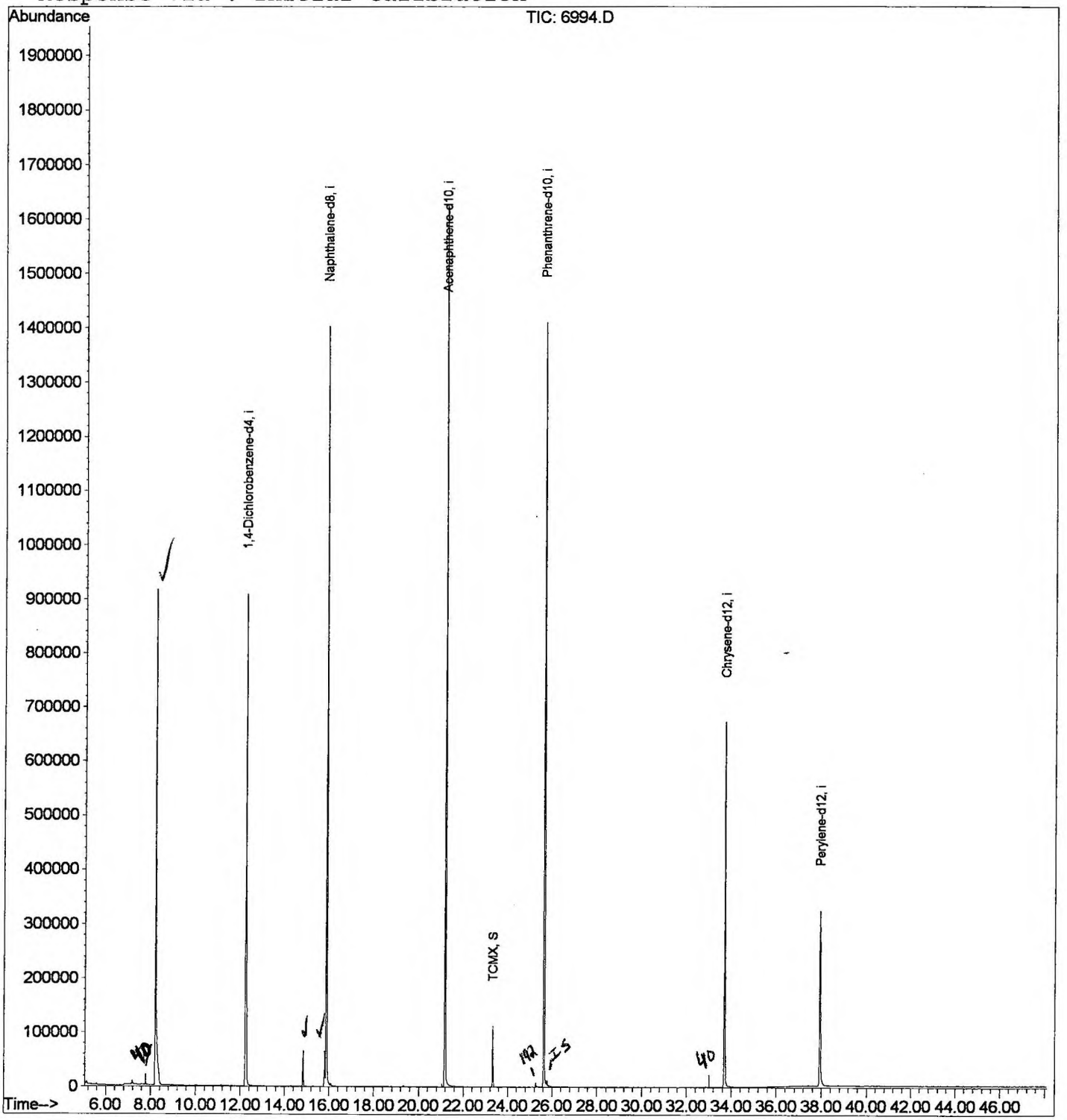
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.70	178	197	N.D.	
35) Anthracene	25.70	178	197	N.D.	
36) Di-n-butylphthalate	27.60	149	1287	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.68	228	979	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.91	149	1042	N.D.	
44) Chrysene	33.68	228	979	N.D.	
46) Di-n-Octylphthalate	0.00	149	0	N.D.	
47) Benzo(b)fluoranthene	0.00	252	0	N.D.	
48) Benzo(k)fluoranthene	0.00	252	0	N.D.	
49) Benzo(a)pyrene	37.94	252	988	N.D.	
50) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52) 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\APR0405\6994.D Vial: 23
Acq On : 6 Apr 2002 5:35 pm Operator:
Sample : gc/ms scan 3/26 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: GOOFY.P
Quant Time: Apr 15 14:35 2002 Quant Results File: GCMS0408.RES

Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 15 14:10:52 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR0405\6994.D Vial: 23
Acq On : 6 Apr 2002 5:35 pm Operator:
Sample : gc/ms scan 3/26 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0408.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

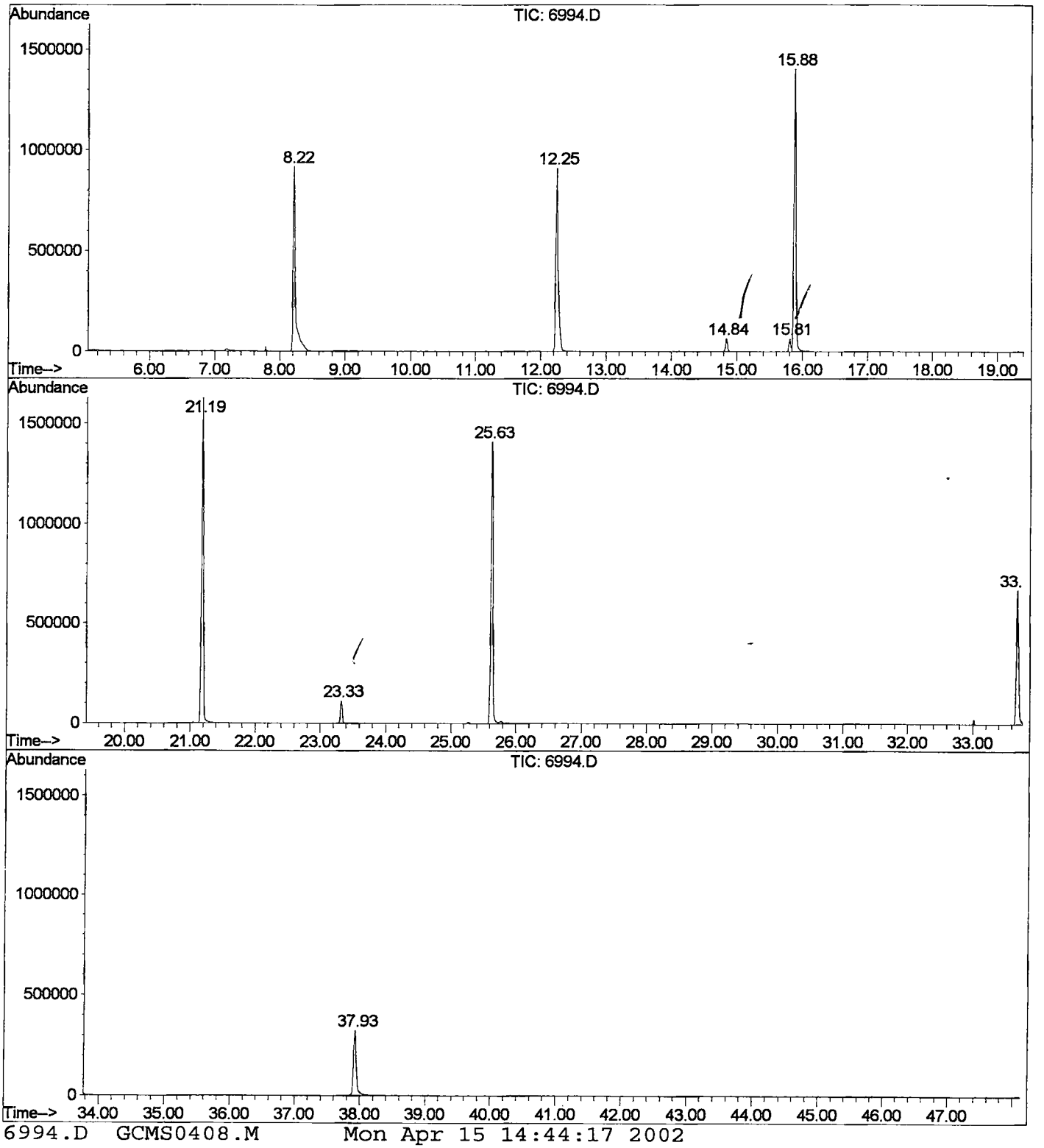
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.216	340	345	372	rBV	915029	2296923	68.10%	13.583%
2	12.246	778	784	804	rVB	907475	2304739	68.33%	13.629%
3	14.844	1062	1067	1074	rVB	65231	127138	3.77%	0.752%
4	15.808	1167	1172	1175	rBV	64404	131304	3.89%	0.776%
5	15.882	1175	1180	1198	rVB	1401208	2925814	86.74%	17.302%
6	21.188	1751	1758	1780	rBV	1627658	3372917	100.00%	19.946%
7	23.327	1983	1991	1998	rBV	113000	220837	6.55%	1.306%
8	25.631	2235	2242	2253	rBV	1410231	2995199	88.80%	17.712%
9	33.691	3113	3120	3133	rBV2	672667	1561475	46.29%	9.234%
10	37.933	3574	3582	3602	rBV2	321690	973801	28.87%	5.759%

Sum of corrected areas: 16910147

6994.D GCMS0408.M Mon Apr 15 14:44:16 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0405\6994.D
Operator :
Acquired : 6 Apr 2002 5:35 pm using AcqMethod GCMS0403
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/26
Misc Info :
Vial Number: 23
Quant File :GCMS0408.RES (RTE Integrator)



6994.D GCMS0408.M Mon Apr 15 14:44:17 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0405\6994.D Vial: 23
Acq On : 6 Apr 2002 5:35 pm Operator:
Sample : gc/ms scan 3/26 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: LSCINT.P

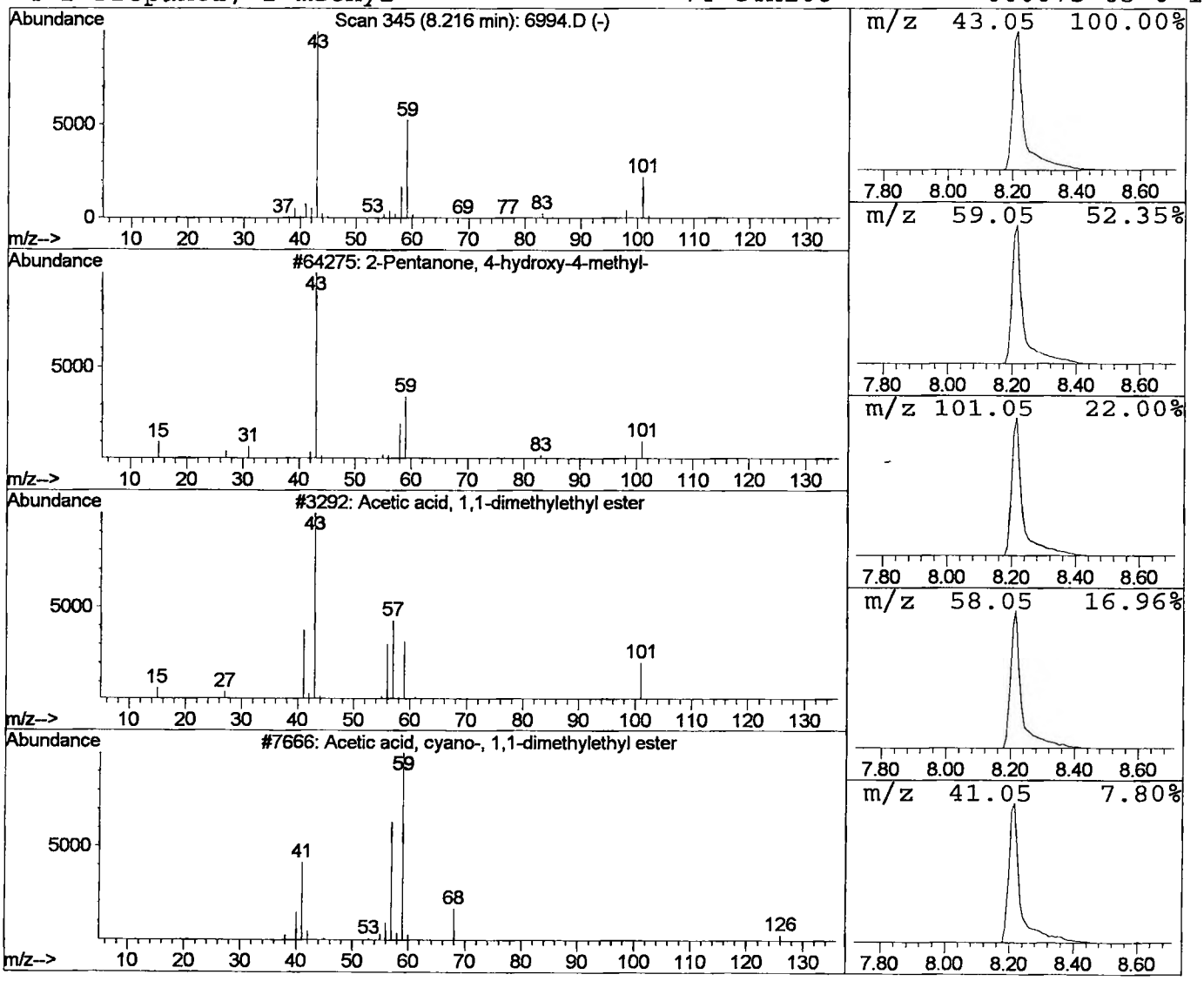
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	39.86 ug/l	2296920	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	17
4	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0405\6994.D Vial: 23
Acq On : 6 Apr 2002 5:35 pm Operator:
Sample : gc/ms scan 3/26 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: LSCINT.P

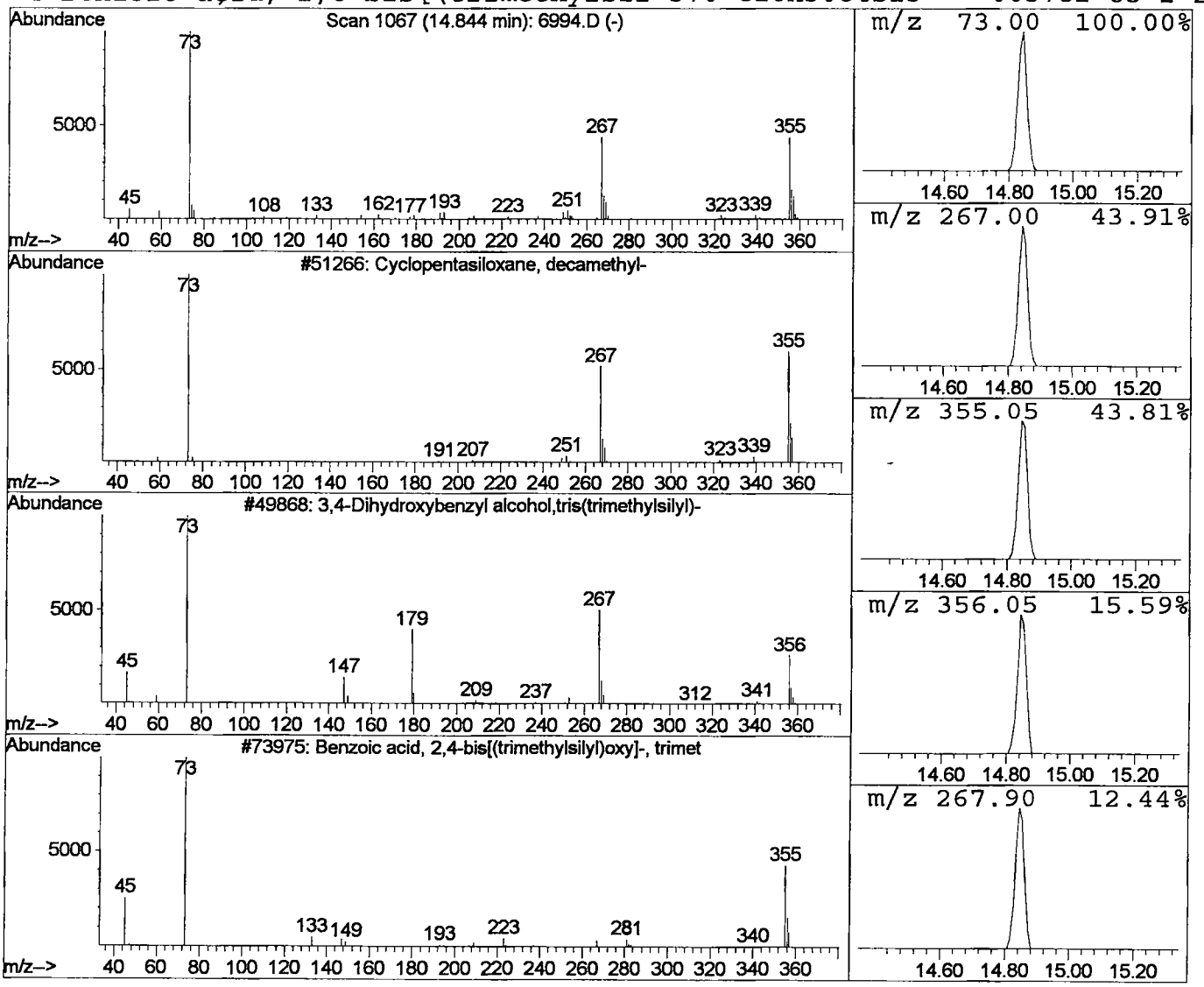
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	1.74 ug/l	127138	Naphthalene-d8	15.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	68
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	38
3	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	37
4	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	25



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0405\6994.D Vial: 23
Acq On : 6 Apr 2002 5:35 pm Operator:
Sample : gc/ms scan 3/26 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: LSCINT.P

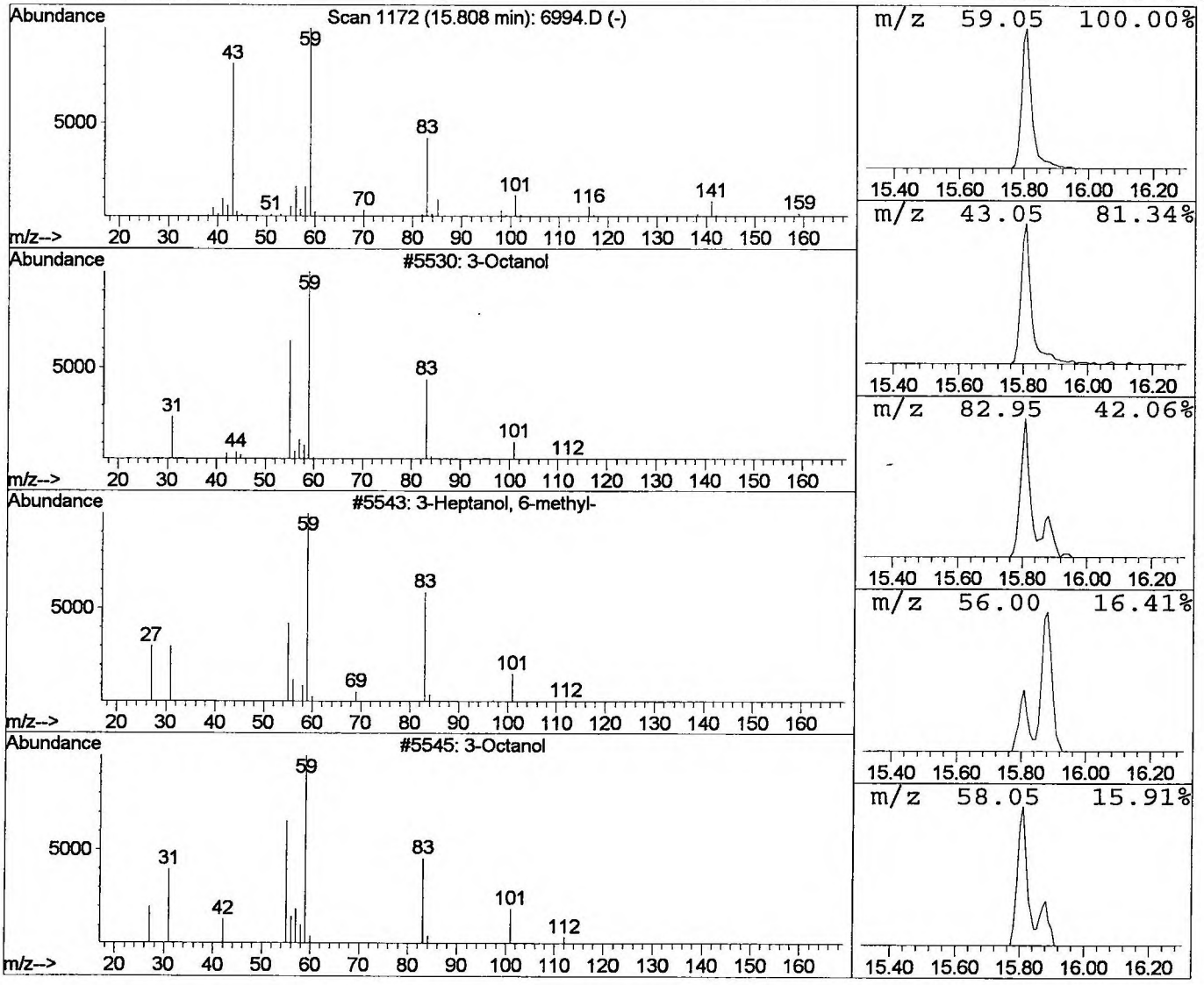
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Octanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	1.80 ug/l	131304	Naphthalene-d8	15.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol	130	C8H18O	020296-29-1	38
2	3-Heptanol, 6-methyl-	130	C8H18O	018720-66-6	38
3	3-Octanol	130	C8H18O	000589-98-0	36
4	Guanidine	59	CH5N3	000113-00-8	32



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 6 Apr 2002 5:35 pm
Data File: C:\HPCHEM\1\DATA\APR0405\6994.D
Name: gc/ms scan 3/26
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0408.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	8.22	39.9	ug/l	2296920	ISTD01	12.25	2304740	20.0
Cyclopentasiloxane,	14.84	1.7	ug/l	127138	ISTD02	15.88	2925810	20.0
3-Octanol	15.81	1.8	ug/l	131304	ISTD02	15.88	2925810	20.0

6994.D GCMS0408.M Mon Apr 15 14:44:20 2002