User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/16/2002 Time: 14:58:11

Sample: AE06991
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/16/02 14:56 Ended: 4/16/02 14:56 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		88		5.0

Comments for Sample AE06991 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-16-2002 Time: 15:03:20

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\6991.D Vial: 20
Acq On : 6 Apr 2002 1:38 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 14:31 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	501001	20.00	ug/l	-0.02
10) Naphthalene-d8	15.88	136	1804496	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.19	164	1025645	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.63	188	1429871	20.00	ug/l	-0.02
39) Chrysene-d12	33.69	240	684466	20.00	ug/l	-0.02
45) Perylene-d12	37.93	264	365073	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.33	209	24320	8.80	ug/mL	0.00
Spiked Amount 10.000			Recovery = 88.00%			
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	22.67	149	516	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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Last Update : Mon Apr 15 14:10:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

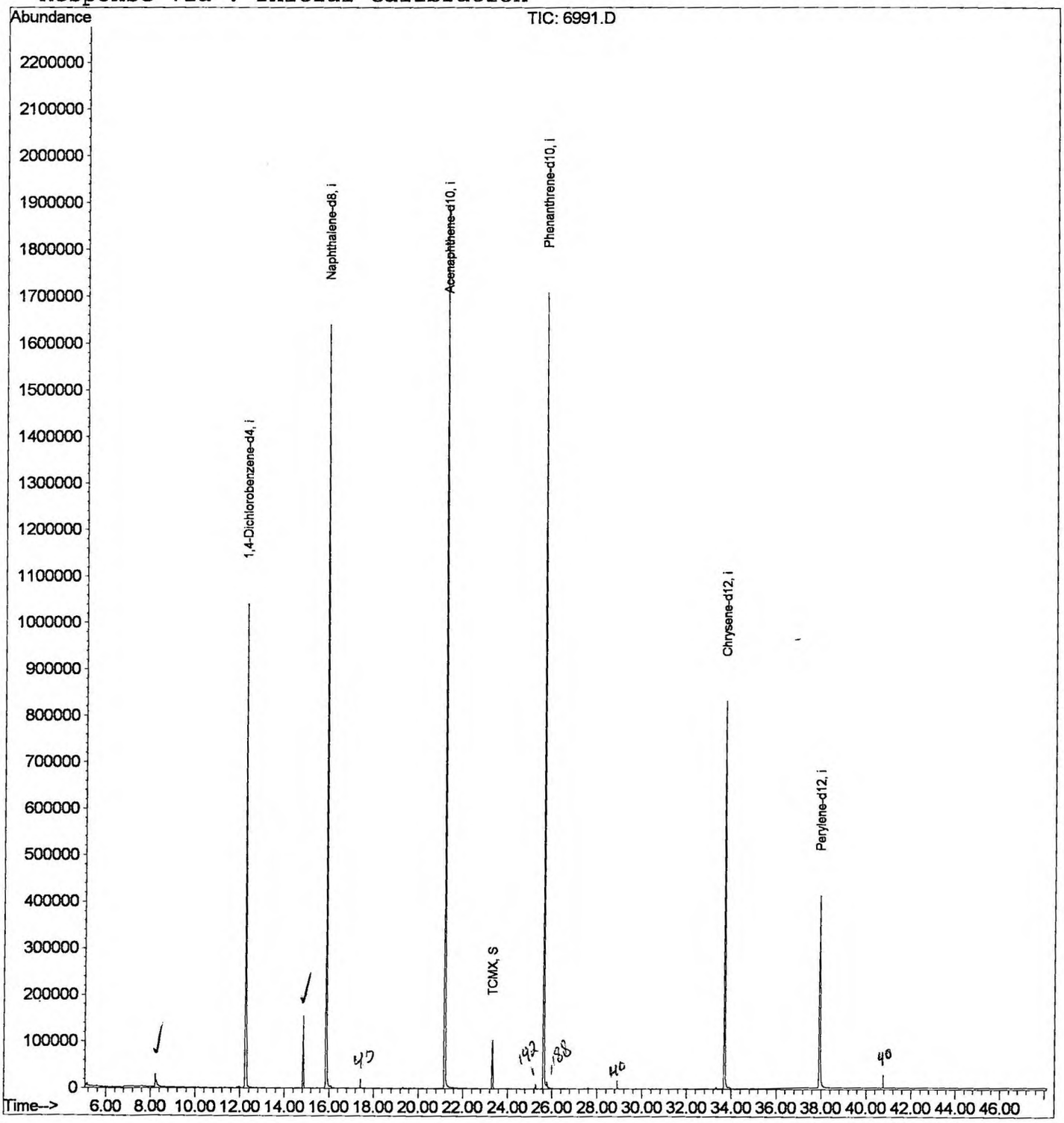
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.63	178	215	N.D.	
35)	Anthracene	25.63	178	215	N.D.	
36)	Di-n-butylphthalate	27.60	149	2846	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.69	228	1513	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.90	149	2035	N.D.	
44)	Chrysene	33.69	228	1513	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	37.93	252	1491	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\6991.D Vial: 20
Acq On : 6 Apr 2002 1:38 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 14:31 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\6991.D Vial: 20
Acq On : 6 Apr 2002 1:38 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

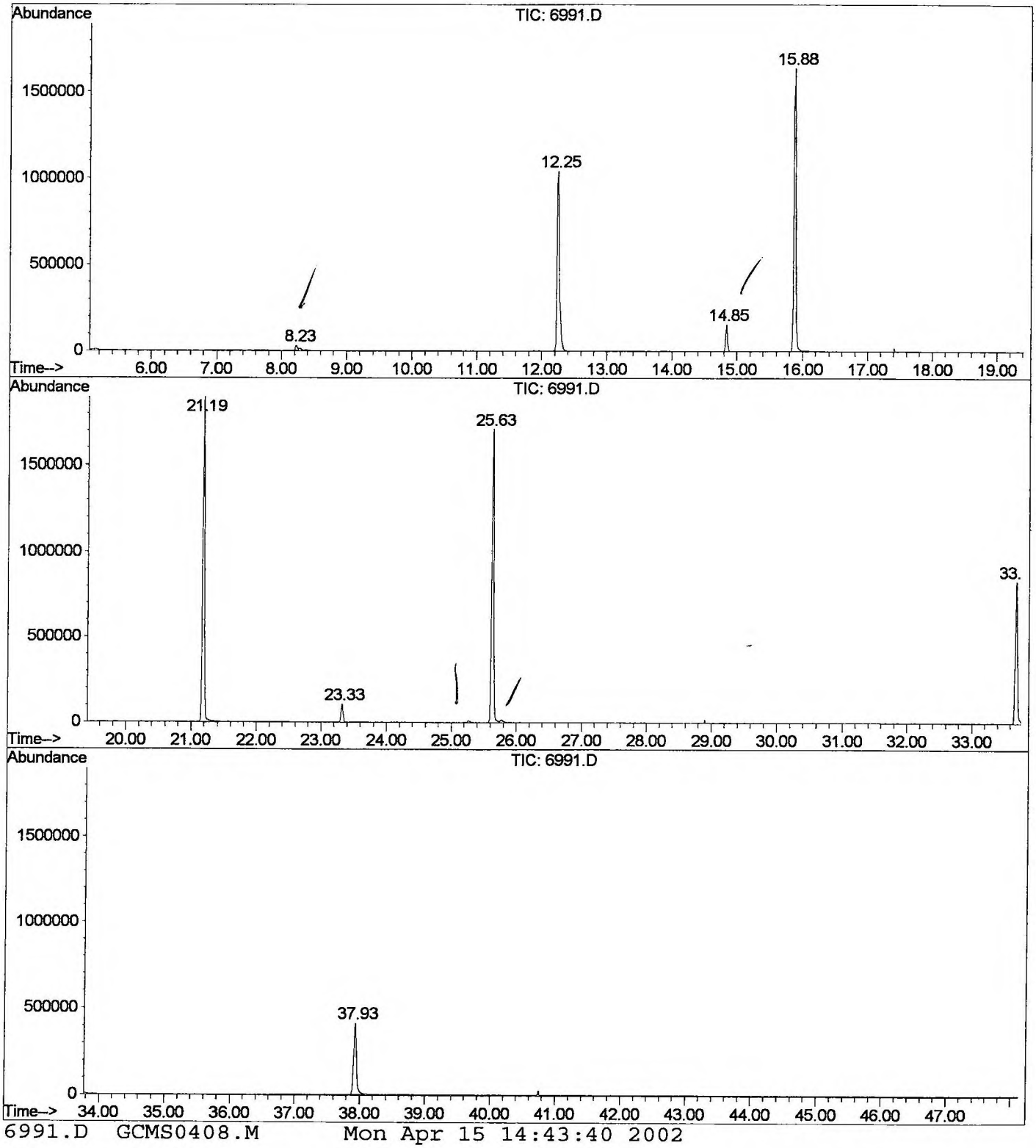
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.228	344	347	350	rBV	27641	55770	1.43%	0.322%
2	12.248	779	785	801	rVB	1038931	2669231	68.50%	15.407%
3	14.847	1062	1068	1074	rBV	155688	300004	7.70%	1.732%
4	15.884	1175	1181	1198	rBV	1638875	3400966	87.27%	19.630%
5	21.190	1752	1759	1772	rBV	1895543	3896891	100.00%	22.492%
6	23.329	1986	1992	1999	rBV	103473	208074	5.34%	1.201%
7	25.633	2236	2243	2254	rBV	1708285	3606294	92.54%	20.815%
8	33.694	3114	3121	3138	rBV2	833005	1972940	50.63%	11.388%
9	37.935	3575	3583	3599	rBV2	411632	1215173	31.18%	7.014%

Sum of corrected areas: 17325343

6991.D GCMS0408.M Mon Apr 15 14:43:39 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0405\6991.D
Operator :
Acquired : 6 Apr 2002 1:38 pm using AcqMethod GCMS0403
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/26
Misc Info :
Vial Number: 20
Quant File :GCMS0408.RES (RTE Integrator)



6991.D GCMS0408.M Mon Apr 15 14:43:40 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0405\6991.D Vial: 20
Acq On : 6 Apr 2002 1:38 pm Operator:
Sample : gc/ms scan 3/26 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: LSCINT.P

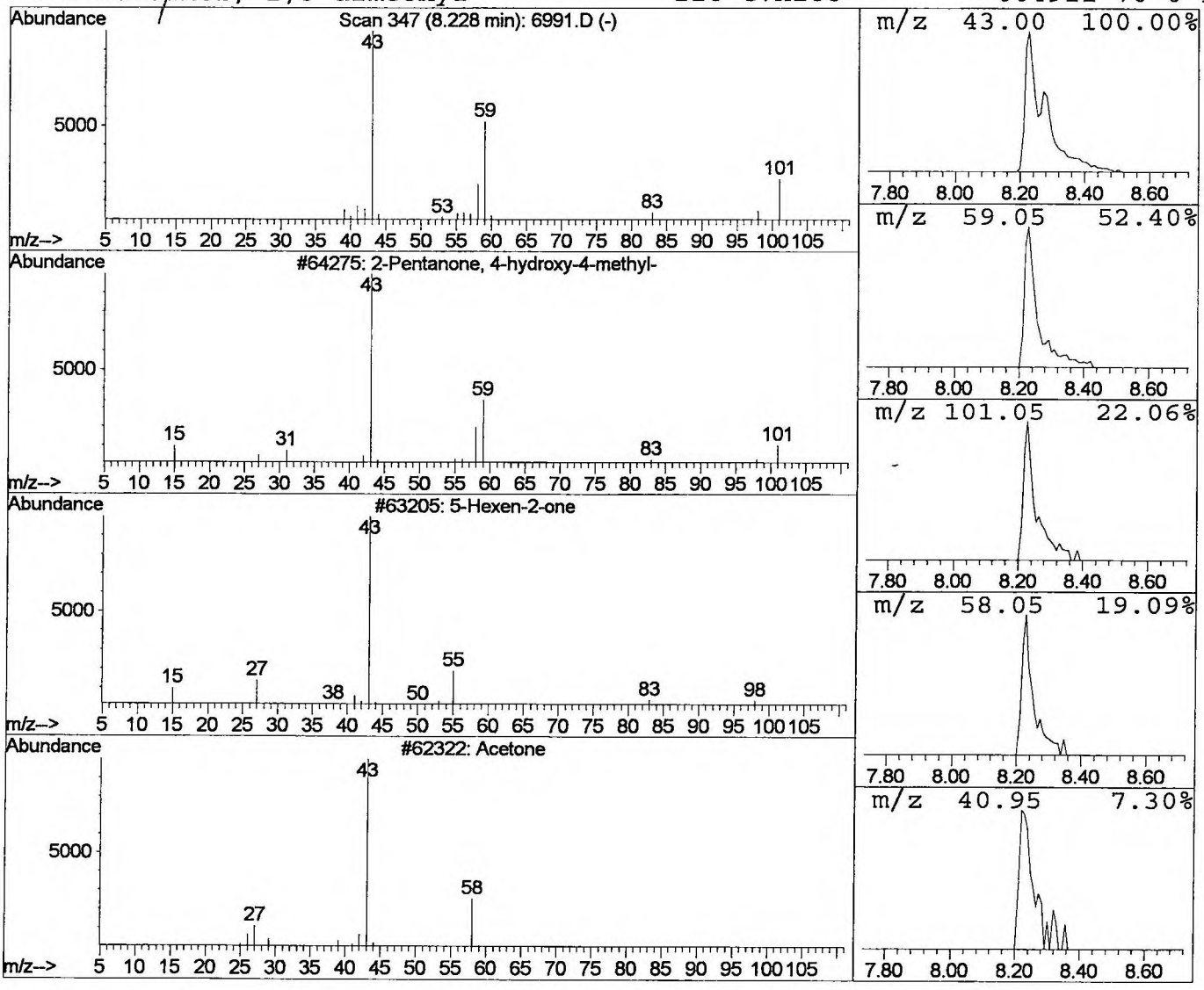
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	0.84 ug/l	55770	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	53
2	5-Hexen-2-one	98	C6H10O	000109-49-9	10
3	Acetone	58	C3H6O	000067-64-1	9
4	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0405\6991.D Vial: 20
Acq On : 6 Apr 2002 1:38 pm Operator:
Sample : gc/ms scan 3/26 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: LSCINT.P

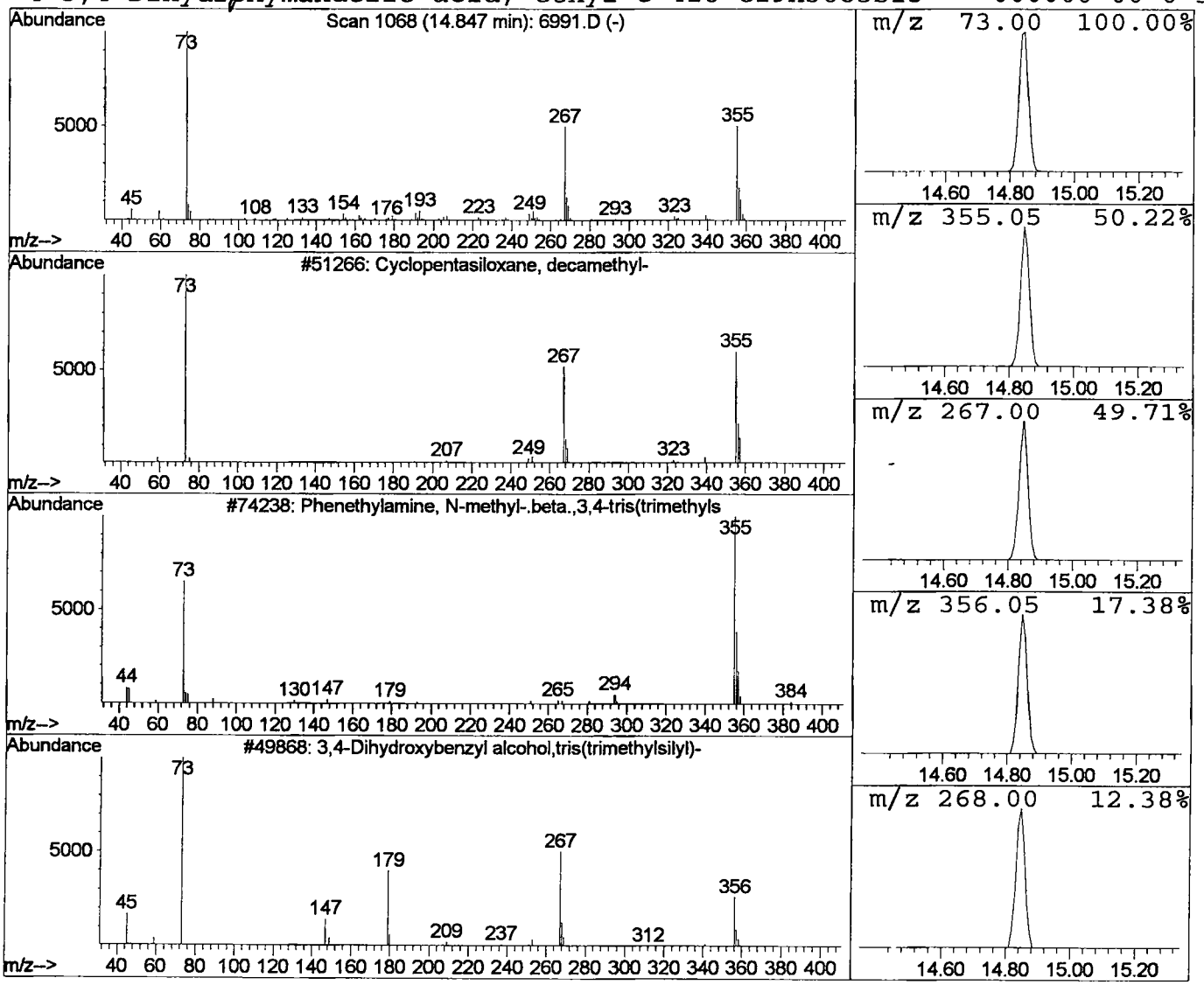
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	3.53 ug/l	300004	Naphthalene-d8	15.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	43
3	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	43
4	3,4-Dihydroxymandelic acid, ethyl e	428	C19H36O5Si3	000000-00-0	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 6 Apr 2002 1:38 pm
Data File: C:\HPCHEM\1\DATA\APR0405\6991.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	8.23	0.8	ug/l	55770	ISTD01	12.25	2669230	20.0
Cyclopentasiloxane,	14.85	3.5	ug/l	300004	ISTD02	15.88	3400970	20.0

6991.D GCMS0408.M Mon Apr 15 14:43:42 2002