User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/10/2002 Time: 09:28:23

Sample: AE07318
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/10/02 09:27 Ended: 4/10/02 09:27 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		128		5.0

Comments for Sample AE07318 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-10-2002 Time: 09:28:47

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 23 of the 43 compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0302\7318.D Vial: 14
Acq On : 4 Apr 2002 1:33 am Operator:
Sample : gc/ms scan 3/28 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 9 13:05 2002 Quant Results File: GCMS0403.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 08 11:30:53 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	440356	20.00	ug/l	-0.02
10) Naphthalene-d8	15.88	136	1609003	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.19	164	916639	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.63	188	1287507	20.00	ug/l	-0.03
39) Chrysene-d12	33.69	240	626101	20.00	ug/l	-0.03
45) Perylene-d12	37.93	264	352306	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.33	209	31735	5.14	ug/mL	0.00
Spiked Amount 4.000			Recovery = 128.50%			
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	14.59	82	417	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	918	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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Sample : gc/ms scan 3/28 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
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Quant Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 08 11:30:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

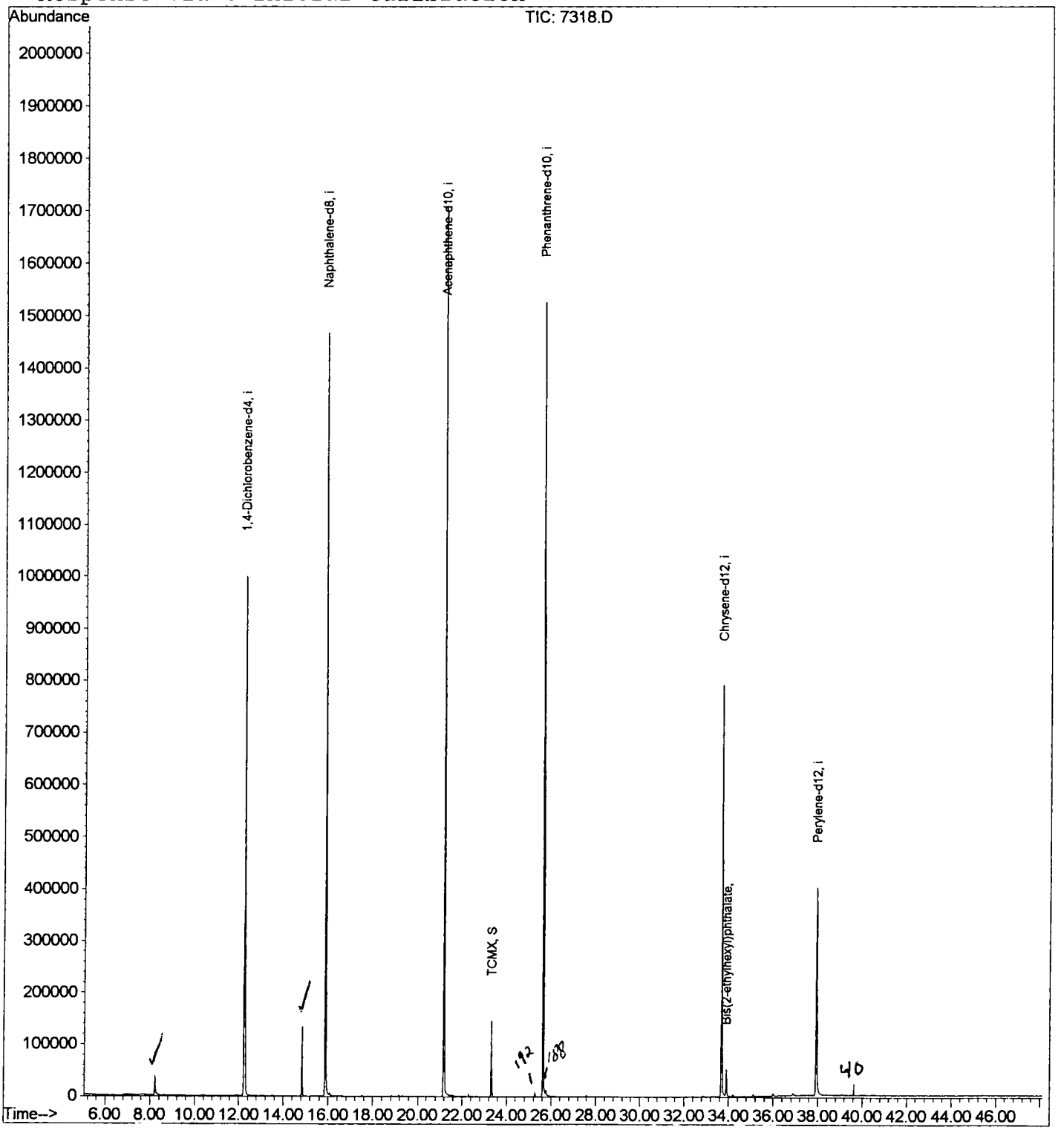
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.63	178	498	N.D.	
35)	Anthracene	25.63	178	498	N.D.	
36)	Di-n-butylphthalate	27.60	149	4040	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.69	228	1280	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.90	149	36594	1.97 ug/l	97
44)	Chrysene	33.69	228	1280	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	1318	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\APR0302\7318.D Vial: 14
Acq On : 4 Apr 2002 1:33 am Operator:
Sample : gc/ms scan 3/28 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 9 13:05 2002 Quant Results File: GCMS0403.RES

Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 08 11:30:53 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR0302\7318.D Vial: 14
Acq On : 4 Apr 2002 1:33 am Operator:
Sample : gc/ms scan 3/28 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0403.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	8.225	342	346	360	rBV	37748	94256	2.69%	0.594%
2	12.246	779	784	801	rVB	998118	2376556	67.72%	14.973%
3	14.844	1062	1067	1074	rVB	133844	252847	7.21%	1.593%
4	15.882	1174	1180	1197	rBV	1465922	3030258	86.35%	19.092%
5	21.188	1752	1758	1781	rBV	1708595	3509144	100.00%	22.109%
6	23.327	1985	1991	1998	rVB	146237	277527	7.91%	1.749%
7	25.631	2236	2242	2254	rBV2	1524942	3210189	91.48%	20.225%
8	33.691	3114	3120	3138	rBV	790922	1811547	51.62%	11.413%
9	33.902	3138	3143	3153	rVB	51628	119424	3.40%	0.752%
10	37.933	3574	3582	3598	rBV	399585	1190473	33.92%	7.500%

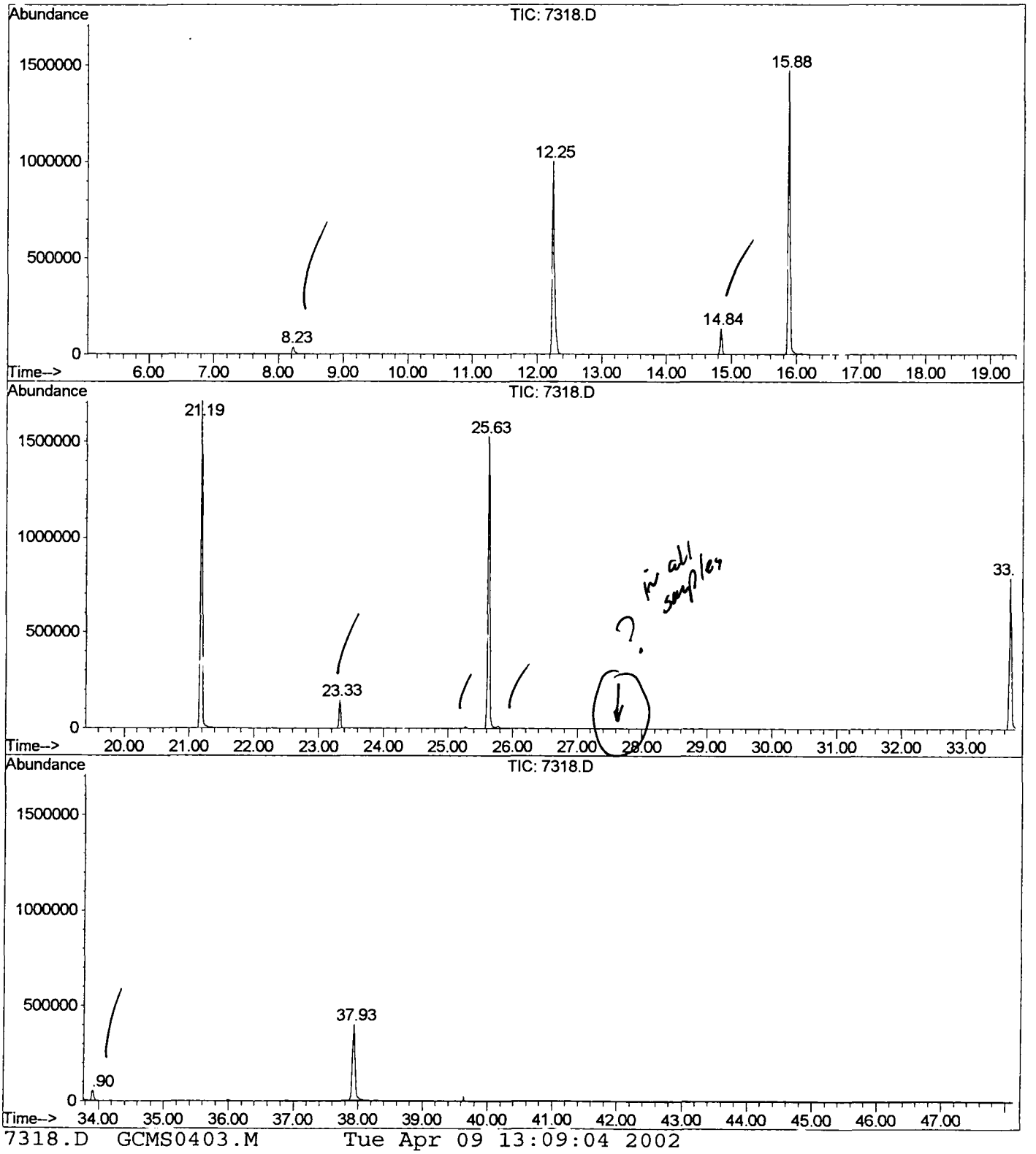
Sum of corrected areas: 15872221

7318.D GCMS0403.M Tue Apr 09 13:09:03 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0302\7318.D
Operator :
Acquired : 4 Apr 2002 1:33 am using AcqMethod GCMS0403
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/28 fb
Misc Info :
Vial Number: 14
Quant File :GCMS0403.RES (RTE Integrator)

FBD



7318.D GCMS0403.M Tue Apr 09 13:09:04 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0302\7318.D Vial: 14
Acq On : 4 Apr 2002 1:33 am Operator:
Sample : gc/ms scan 3/28 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

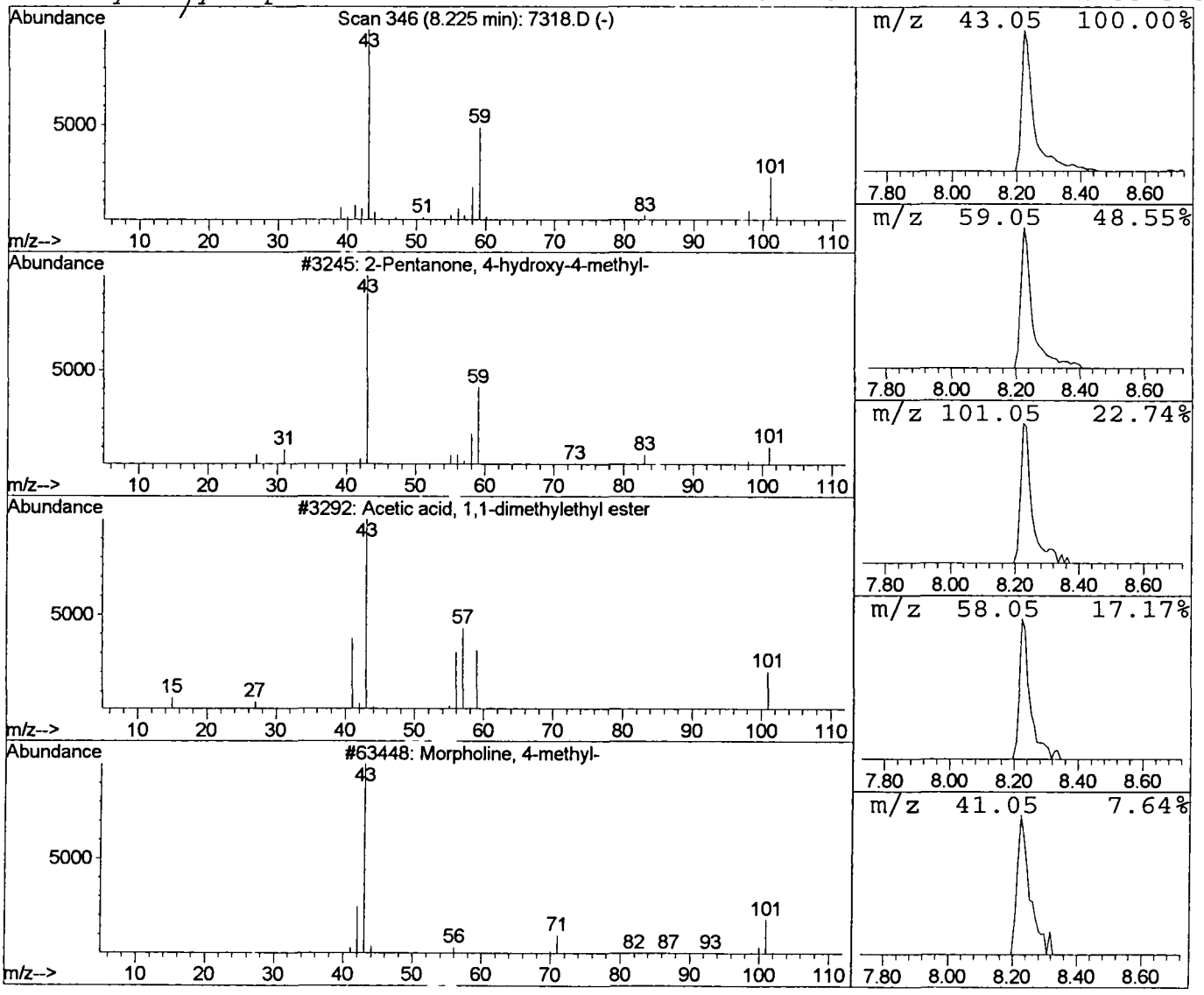
Quant Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	0.79 ug/l	94256	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	28
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0302\7318.D Vial: 14
Acq On : 4 Apr 2002 1:33 am Operator:
Sample : gc/ms scan 3/28 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

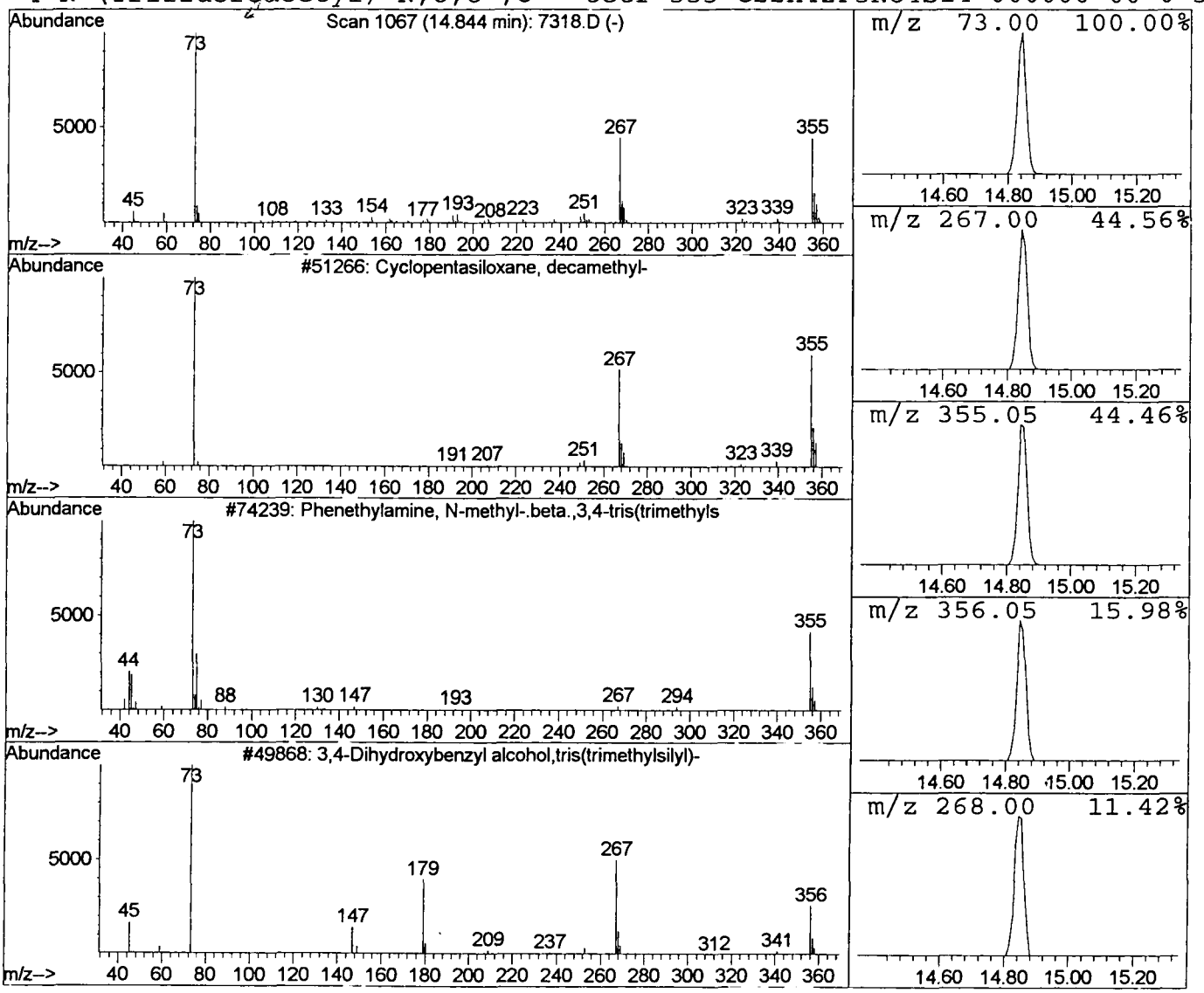
Quant Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	1.67 ug/l	252847	Naphthalene-d8	15.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
3	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	37
4	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	32



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 4 Apr 2002 1:33 am
Data File: C:\HPCHEM\1\DATA\APR0302\7318.D
Name: gc/ms scan 3/28 fb
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0403.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	94256	ISTD01	12.25	2376560	20.0
Cyclopentasiloxane,	14.84	1.7	ug/l	252847	ISTD02	15.88	3030260	20.0

7318.D GCMS0403.M Tue Apr 09 13:09:06 2002