Comments for Sample AE03383 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-16-2002 Time: 15:05:04

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for the compounds in the LCS Standard were high. New limits will be calculated. This sample will be reextracted and reanalyzed.
This sample is the Field Blank. Reanalysis has a Surrogate Standard recovery of 89%.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0405\3383.D Vial: 19
Acq On : 6 Apr 2002 11:39 am Operator:
Sample : gc/ms scan 3/26 fb Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: GOOFY.P
Quant Time: Apr 15 14:29 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	431114	20.00	ug/l	-0.02
10) Naphthalene-d8	15.88	136	1586250	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.19	164	889212	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.63	188	1233998	20.00	ug/l	-0.02
39) Chrysene-d12	33.68	240	581206	20.00	ug/l	-0.03
45) Perylene-d12	37.93	264	307158	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.33	209	21360	8.91	ug/mL	0.00
Spiked Amount 10.000			Recovery = 89.10%			
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	15.94	128	399	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	22.69	149	320	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)

Data File : C:\HPCHEM\1\DATA\APR0405\3383.D Vial: 19
Acq On : 6 Apr 2002 11:39 am Operator:
Sample : gc/ms scan 3/26 fb Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: GOOFY.P
Quant Time: Apr 15 14:29 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

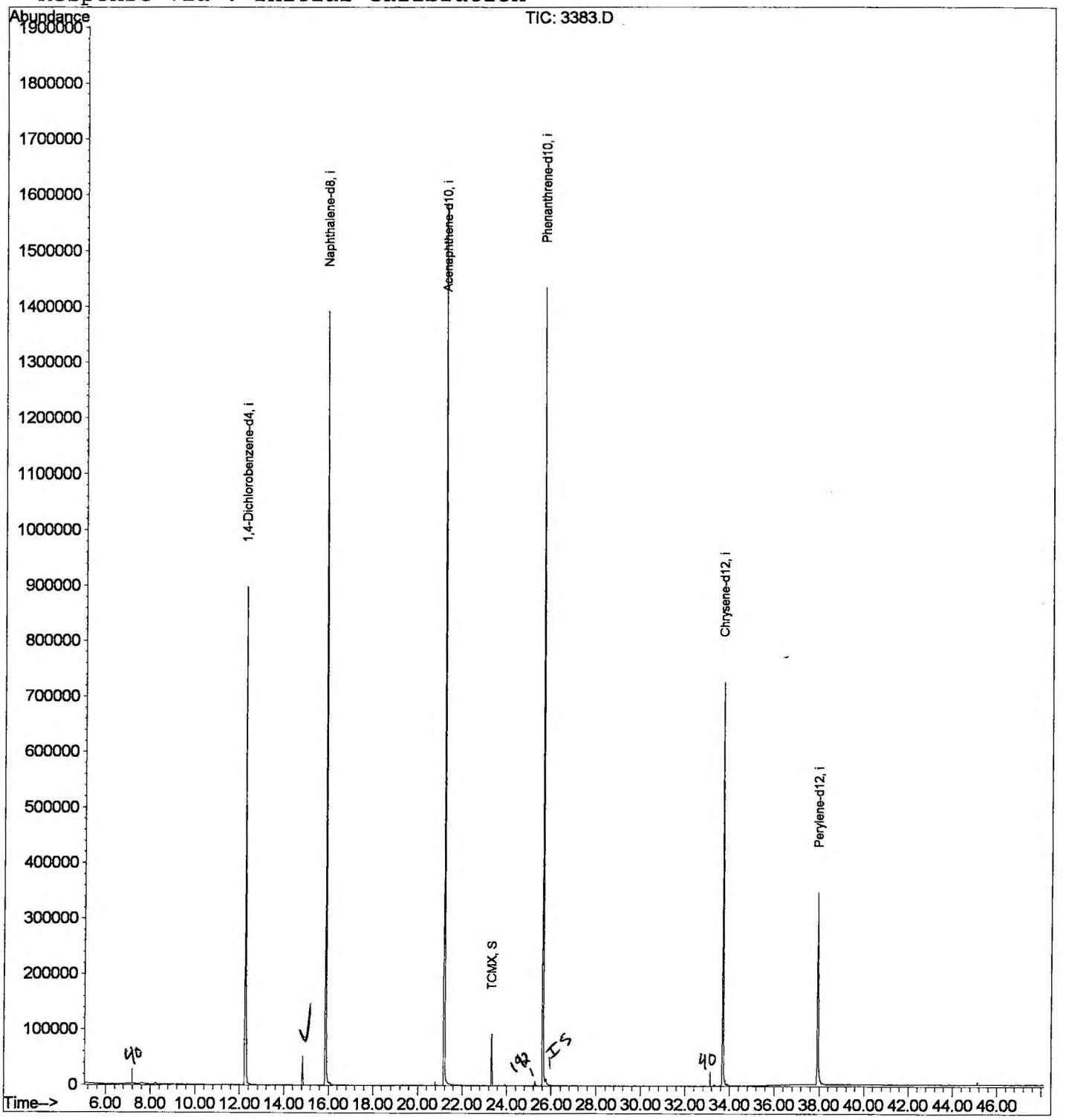
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.69	178	799	N.D.	
35)	Anthracene	25.69	178	478	N.D.	
36)	Di-n-butylphthalate	27.61	149	1510	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.68	228	2346	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.90	149	1985	N.D.	
44)	Chrysene	33.77	228	1379	N.D.	
46)	Di-n-Octylphthalate	35.65	149	460	N.D.	
47)	Benzo(b)fluoranthene	36.76	252	693	N.D.	
48)	Benzo(k)fluoranthene	36.81	252	1622	N.D.	
49)	Benzo(a)pyrene	37.93	252	1184	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\3383.D Vial: 19
Acq On : 6 Apr 2002 11:39 am Operator:
Sample : gc/ms scan 3/26 fb Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: GOOFY.P
Quant Time: Apr 15 14:29 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\3383.D Vial: 19
Acq On : 6 Apr 2002 11:39 am Operator:
Sample : gc/ms scan 3/26 fb 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

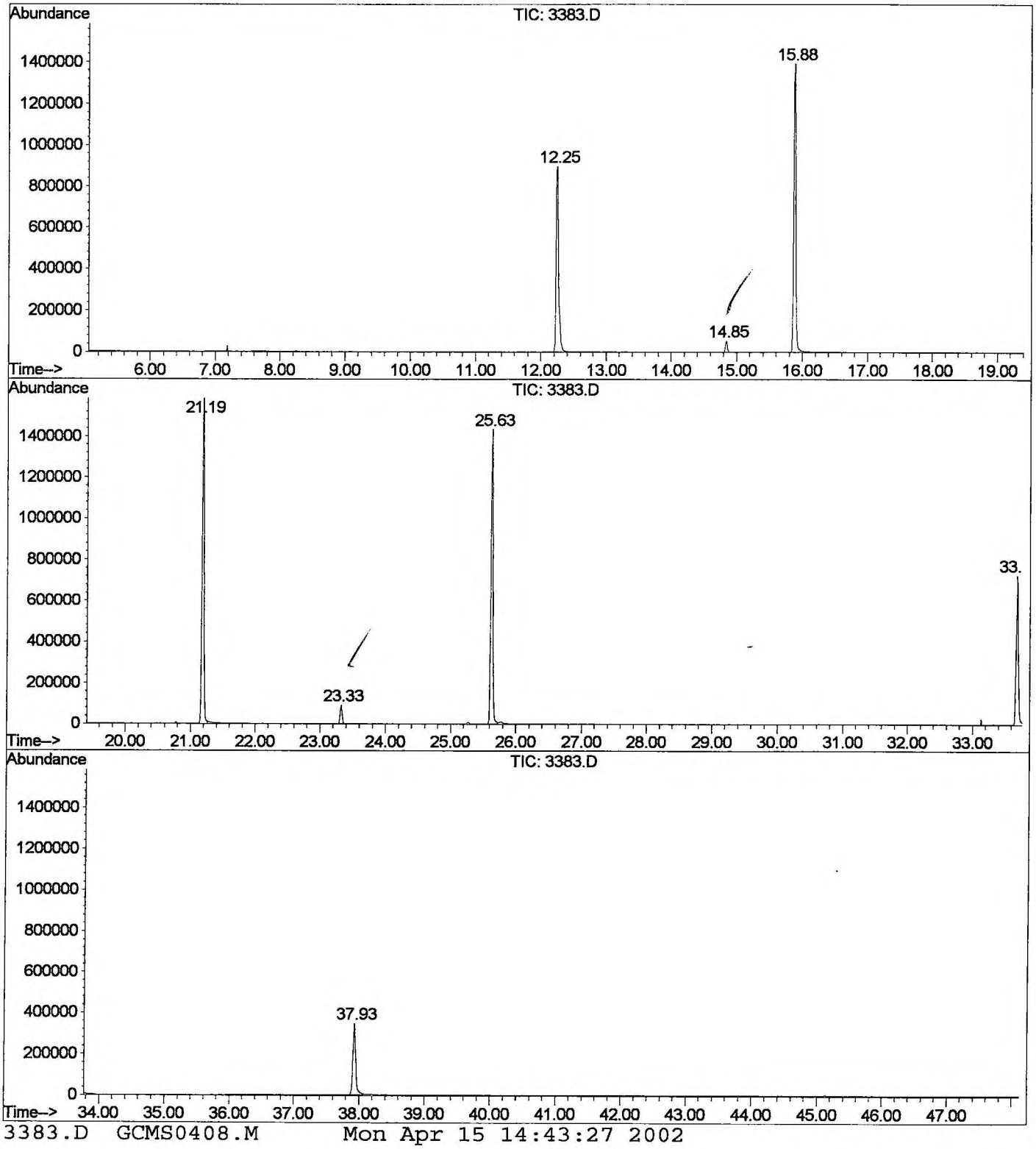
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.249	779	785	801	rBV	896942	2332296	69.16%	15.764%
2	14.847	1063	1068	1072	rBV2	52045	102003	3.02%	0.689%
3	15.884	1175	1181	1199	rBV	1391152	2989389	88.65%	20.205%
4	21.190	1752	1759	1767	rBV	1584823	3372107	100.00%	22.792%
5	23.329	1986	1992	1998	rVB	92364	182660	5.42%	1.235%
6	25.634	2236	2243	2253	rBV	1434624	3109645	92.22%	21.018%
7	33.685	3112	3120	3136	rBV2	727532	1678037	49.76%	11.342%
8	37.926	3575	3582	3597	rBV2	345481	1028962	30.51%	6.955%

Sum of corrected areas: 14795099

3383.D GCMS0408.M Mon Apr 15 14:43:26 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0405\3383.D
Operator :
Acquired : 6 Apr 2002 11:39 am using AcqMethod GCMS0403
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/26 fb
Misc Info :
Vial Number: 19
Quant File :GCMS0408.RES (RTE Integrator)



3383.D GCMS0408.M Mon Apr 15 14:43:27 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0405\3383.D Vial: 19
Acq On : 6 Apr 2002 11:39 am Operator:
Sample : gc/ms scan 3/26 fb Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: LSCINT.P

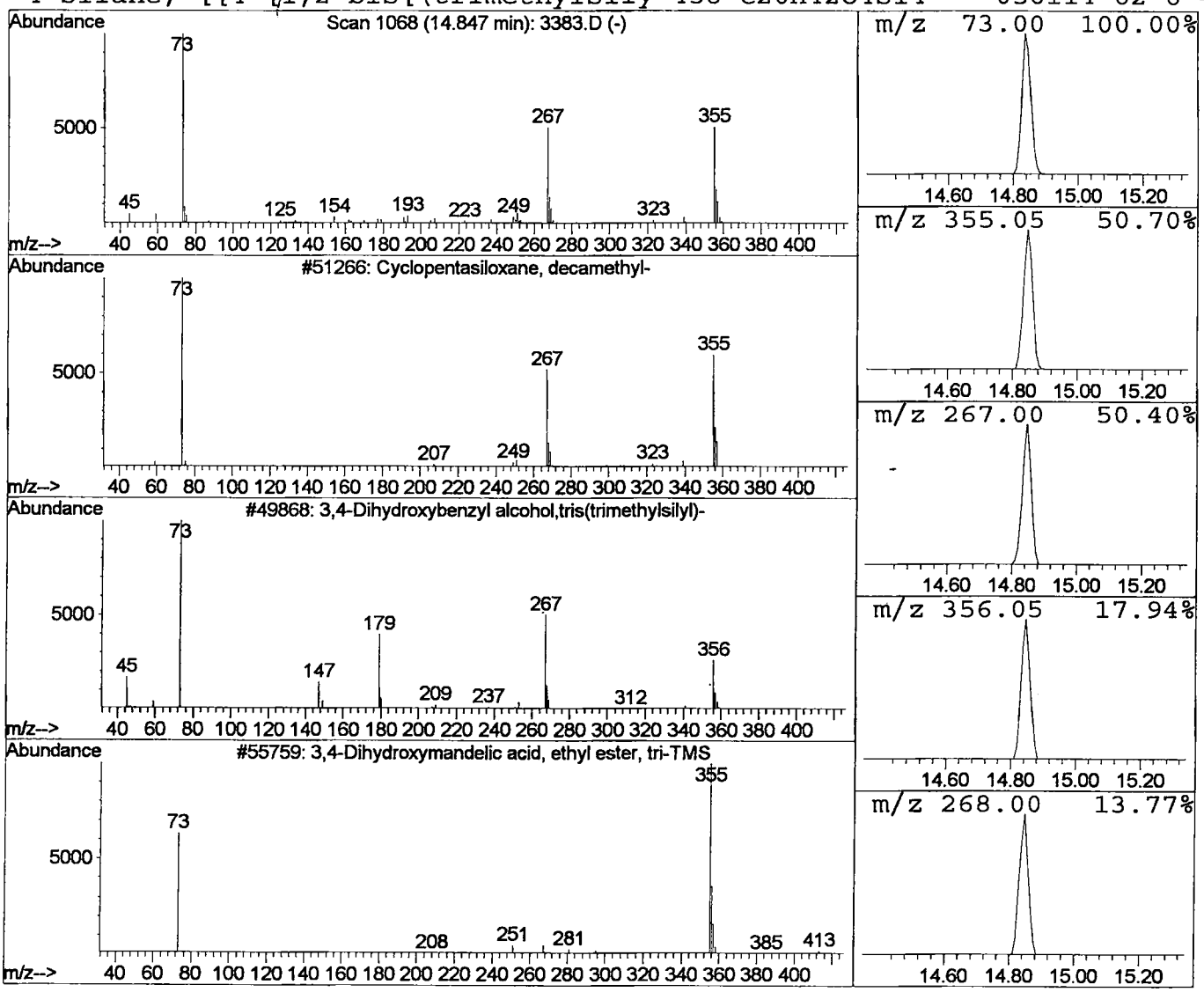
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	1.36 ug/l	102003	Naphthalene-d8	15.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	58
3	3,4-Dihydroxymandelic acid, ethyl e	428	C19H36O5Si3	000000-00-0	47
4	Silane, [[4-[1,2-bis[(trimethylsily	458	C20H42O4Si4	056114-62-6	43



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 6 Apr 2002 11:39 am
Data File: C:\HPCHEM\1\DATA\APR0405\3383.D
Name: gc/ms scan 3/26 fb
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
Cyclopentasiloxane,	14.85	1.4	ug/l	102003	ISTD02	15.88	2989390	20.0

3383.D GCMS0408.M Mon Apr 15 14:43:28 2002