User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 15:08:03

Sample: AE06756
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/2002 15:07 Ended: 4/18/2002 15:07 Analyst: DLV
Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		.	
2	Surr_2,4-DDD		87	5.0

Comments for Sample AE06756 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-18-2002 Time: 15:08:23

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 below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1602\6756.D Vial: 12
Acq On : 16 Apr 2002 11:59 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 11:57 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	525602	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1890728	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1044080	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1421427	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	818456	20.00	ug/l	-0.04
45) Perylene-d12	37.86	264	526772	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	0.00	209	0	0.00	ug/L	
Spiked Amount 10.000			Recovery = 0.00%			
38) 2,4-DDD	30.66	235	71618	4.33	ug/mL	0.16
Spiked Amount 5.000			Recovery = 86.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.43	74	765	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	13.42	77	746	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	15.90	128	236	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	22.63	149	907	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\APR1602\6756.D Vial: 12
Acq On : 16 Apr 2002 11:59 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
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Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

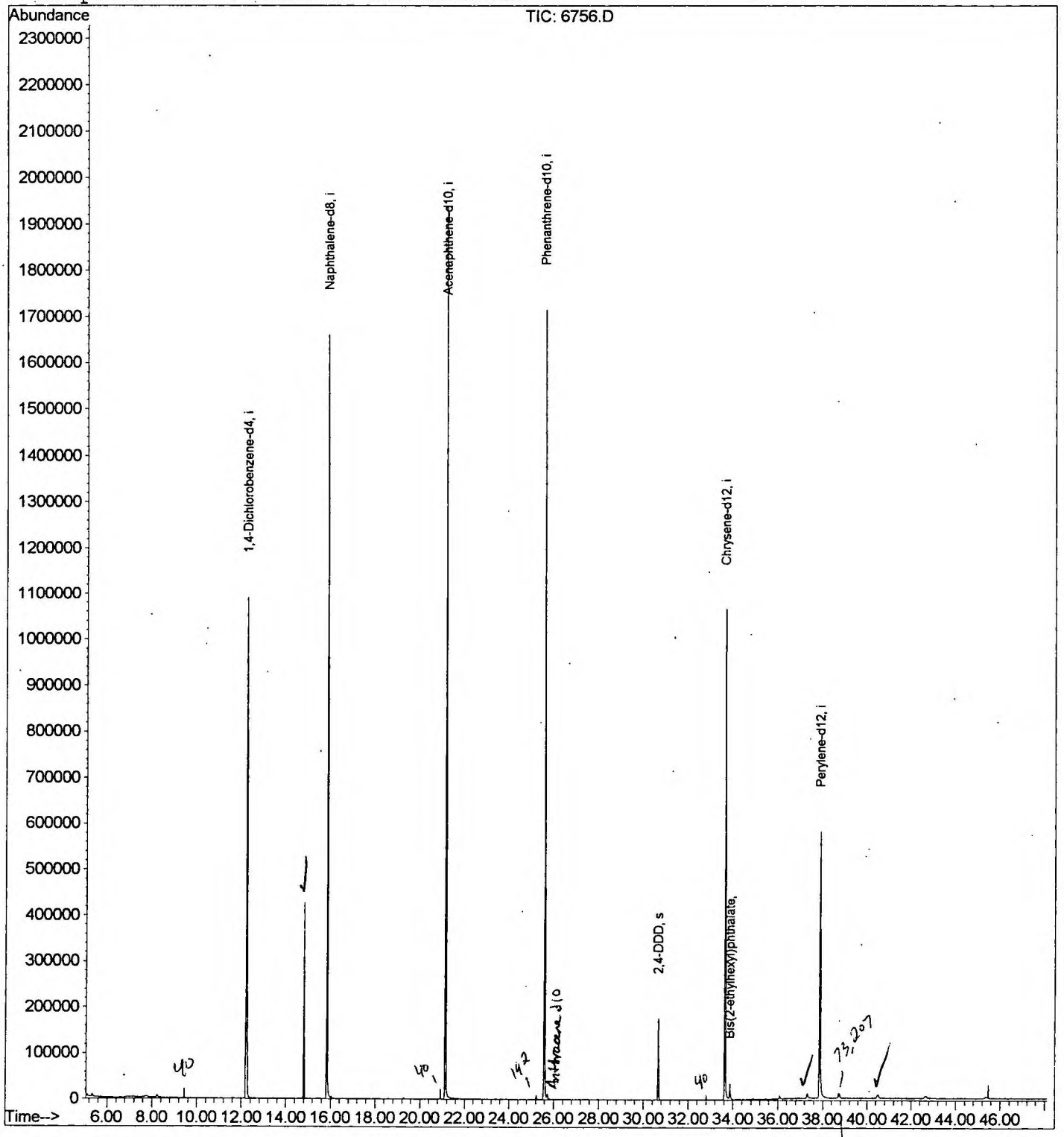
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.60	178	389	N.D.	
35)	Anthracene	25.60	178	389	N.D.	
36)	Di-n-butylphthalate	27.55	149	2739	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.64	228	1971	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	25471	1.24 ug/l #	96
44)	Chrysene	33.64	228	1971	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	37.87	252	1935	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\APR1602\6756.D Vial: 12
Acq On : 16 Apr 2002 11:59 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 11:57 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1602\6756.D Vial: 12
Acq On : 16 Apr 2002 11:59 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.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

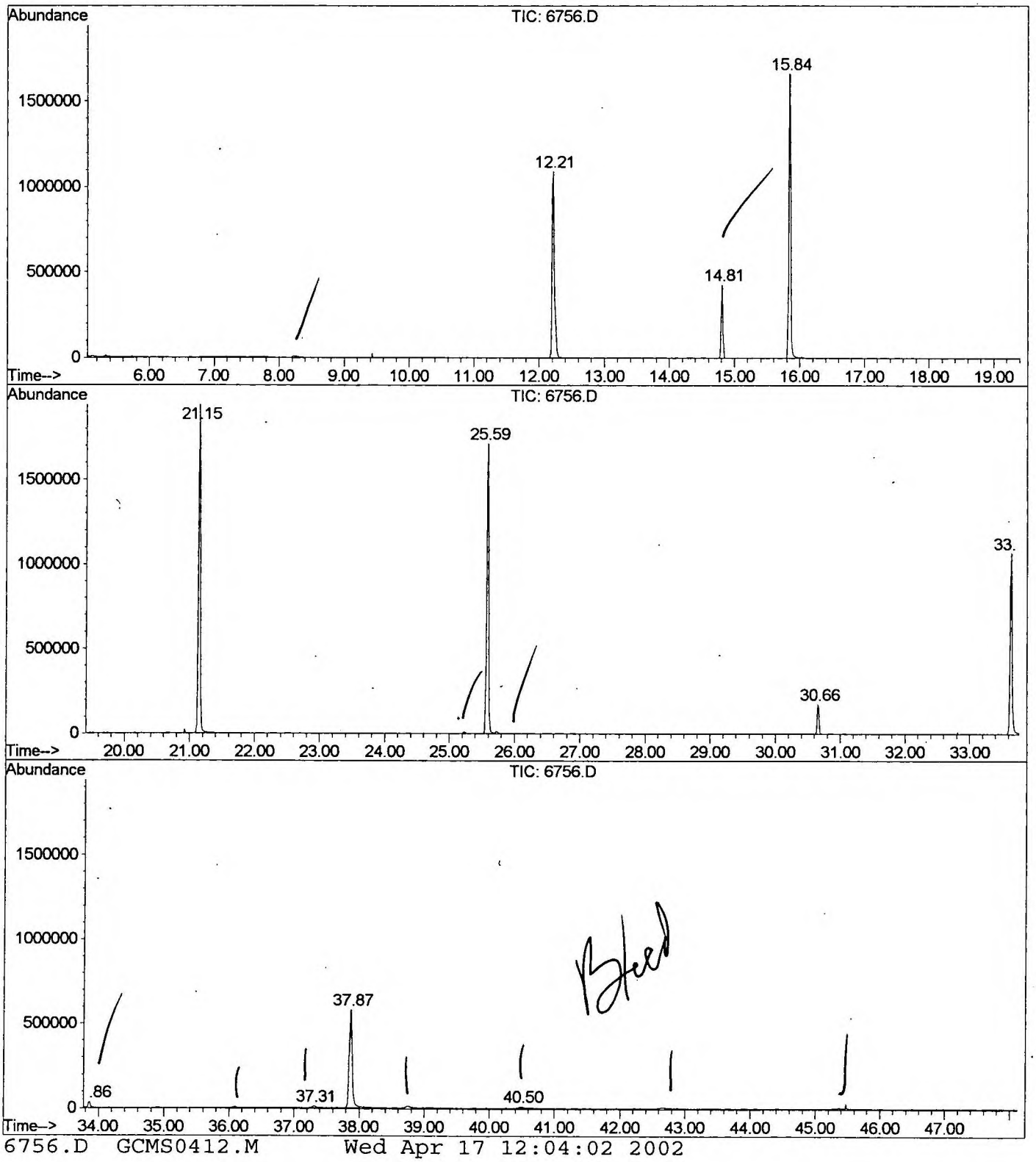
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.214	775	781	798	rBV	1089914	2772757	70.88%	14.434%
2	14.812	1058	1064	1070	rVB	425778	794073	20.30%	4.134%
3	15.840	1170	1176	1194	rBV	1659601	3531612	90.28%	18.384%
4	21.147	1748	1754	1769	rBV	1940046	3911958	100.00%	20.364%
5	25.590	2231	2238	2249	rBV	1714457	3580354	91.52%	18.638%
6	30.657	2785	2790	2796	rBV	176440	345743	8.84%	1.800%
7	33.641	3108	3115	3131	rBV	1065299	2340258	59.82%	12.182%
8	33.861	3134	3139	3149	rVB	34453	84714	2.17%	0.441%
9	37.313	3507	3515	3522	rBV4	11208	43331	1.11%	0.226%
10	37.873	3568	3576	3590	rBV2	578591	1761779	45.04%	9.171%
11	40.499	3852	3862	3870	rBV4	8694	43655	1.12%	0.227%

Sum of corrected areas: 19210234

6756.D GCMS0412.M Wed Apr 17 12:04:02 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1602\6756.D
Operator :
Acquired : 16 Apr 2002 11:59 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 3/22
Misc Info :
Vial Number: 12
Quant File :GCMS0412.RES (RTE Integrator)



6756.D GCMS0412.M Wed Apr 17 12:04:02 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1602\6756.D Vial: 12
Acq On : 16 Apr 2002 11:59 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

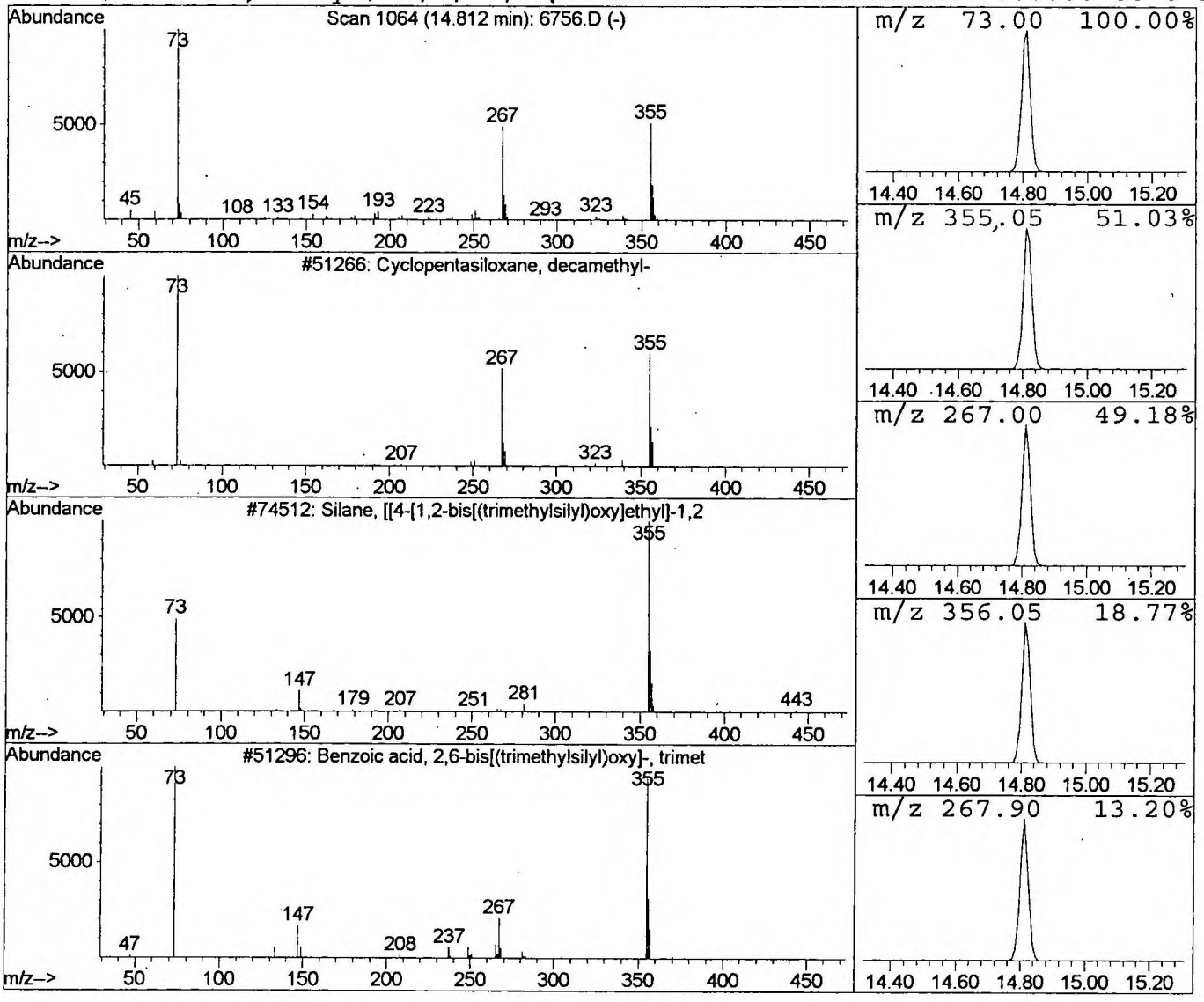
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	4.50 ug/l	794073	Naphthalene-d8	15.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Silane, [[4-[1,2-bis[(trimethylsily	458	C20H42O4Si4	056114-62-6	43
3	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	38
4	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1602\6756.D Vial: 12
Acq On : 16 Apr 2002 11:59 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

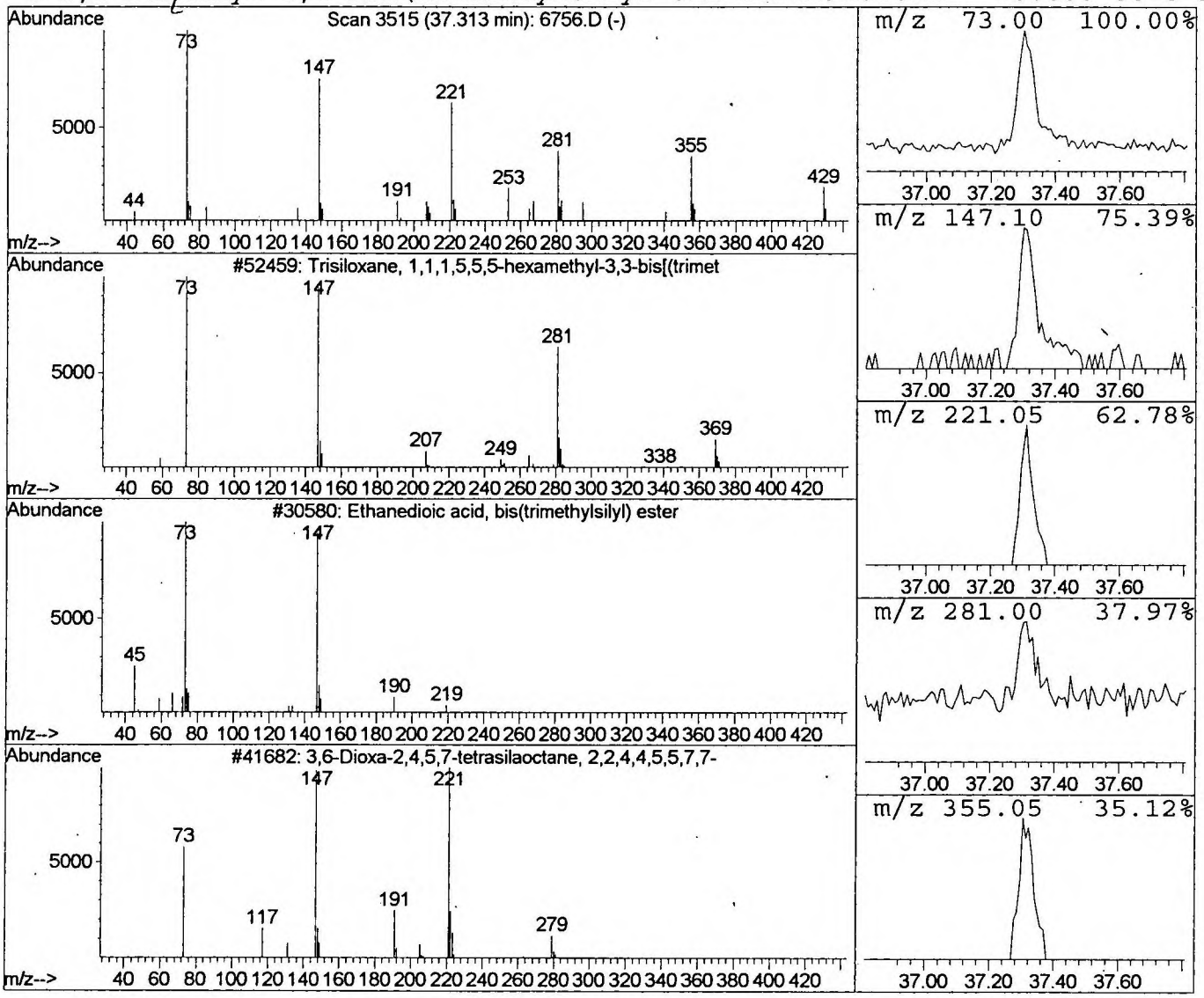
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.31	0.49 ug/l	43331	Perylene-d12	37.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	25
2	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	22
3	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	16
4	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1602\6756.D Vial: 12
Acq On : 16 Apr 2002 11:59 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

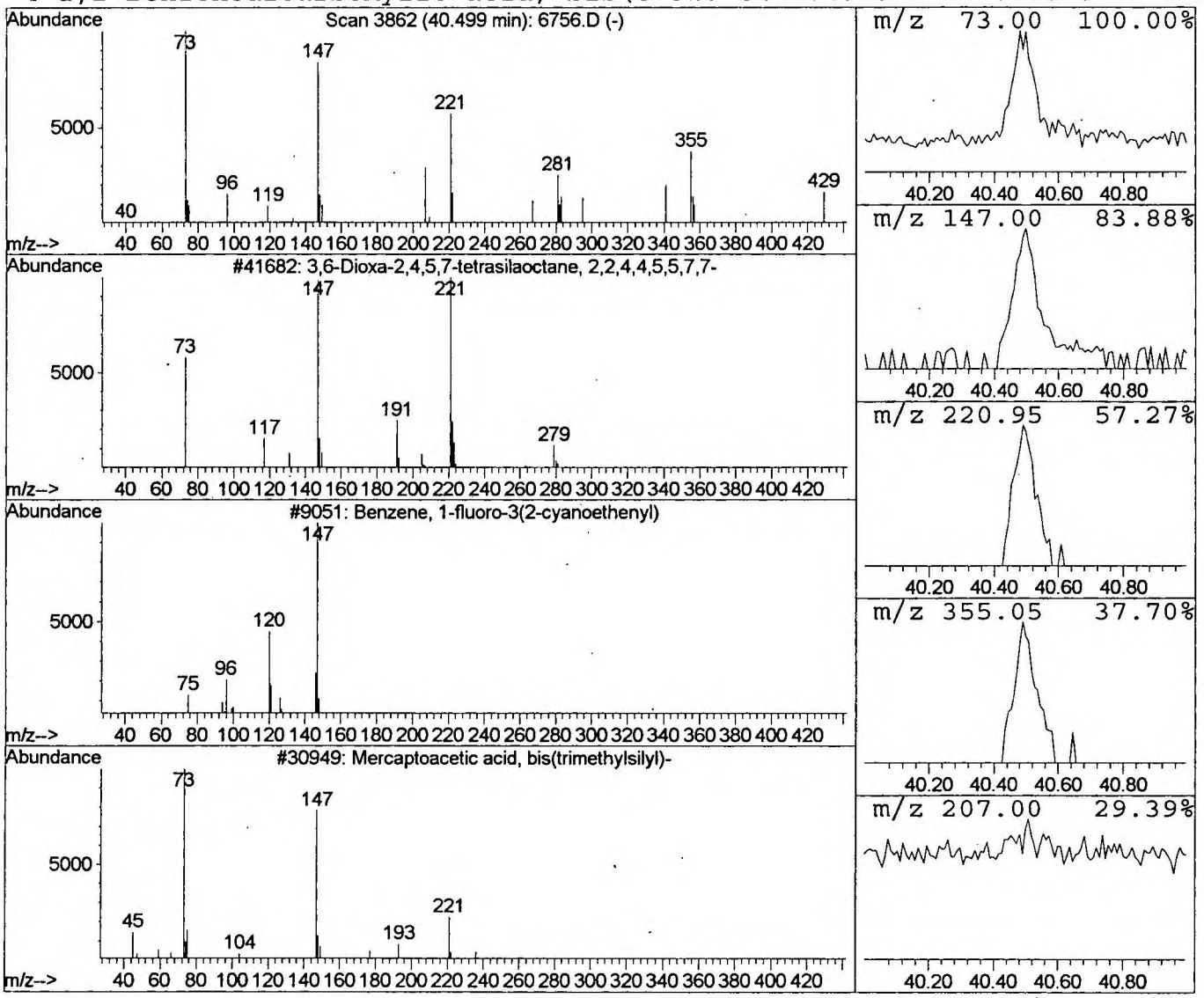
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3,6-Dioxa-2,4,5,7-tetrasilaoct Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.50	0.50 ug/l	43655	Perylene-d12	37.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	32
2	Benzene, 1-fluoro-3(2-cyanoethenyl)	147	C9H6FN	000000-00-0	12
3	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	12
4	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	12



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 16 Apr 2002 11:59 pm
Data File: C:\HPCHEM\1\DATA\APR1602\6756.D
Name: gc/ms scan 3/22
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.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,	14.81	4.5	ug/l	794073	ISTD02	15.85	3531610	20.0
Trisiloxane, 1,1,1,5	37.31	0.5	ug/l	43331	ISTD06	37.86	1761780	20.0
3,6-Dioxa-2,4,5,7-te	40.50	0.5	ug/l	43655	ISTD06	37.86	1761780	20.0

6756.D GCMS0412.M Wed Apr 17 12:04:06 2002