NYC 9/11 Public Portal Document

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 15:06:55

Sample: AE06755
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/2002 15:06 Ended: 4/18/2002 15:06 Analyst: DLV
Page: 1

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

Comments for Sample AE06755 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-18-2002 Time: 15:07:15

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.

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1602\6755.D Vial: 11
Acq On : 16 Apr 2002 11:00 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 11:56 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	547816	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1969357	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1101863	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.59	188	1550293	20.00	ug/l	-0.03
39) Chrysene-d12	33.65	240	923194	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	592353	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	78084	4.33	ug/mL	0.16
Spiked Amount 5.000			Recovery = 86.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	11.62	93	107	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	1090	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	1212	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	20.49	163	242	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	21.24	153	267	N.D.		
24) 2,4-Dinitrotoluene	21.44	165	112	N.D.		
25) Diethylphthalate	22.63	149	1548	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

NYC-WTC_000060515

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1602\6755.D Vial: 11
Acq On : 16 Apr 2002 11:00 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 11:56 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

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.66	178	822	N.D.	
35) Anthracene	25.79	178	265	N.D.	
36) Di-n-butylphthalate	27.55	149	2314	N.D.	
37) Fluoranthene	29.28	202	1122	N.D.	
40) Pyrene	29.96	202	980	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.65	228	1955	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	33364	1.44 ug/l	96
44) Chrysene	33.65	228	1955	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	37.88	252	2111	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.	

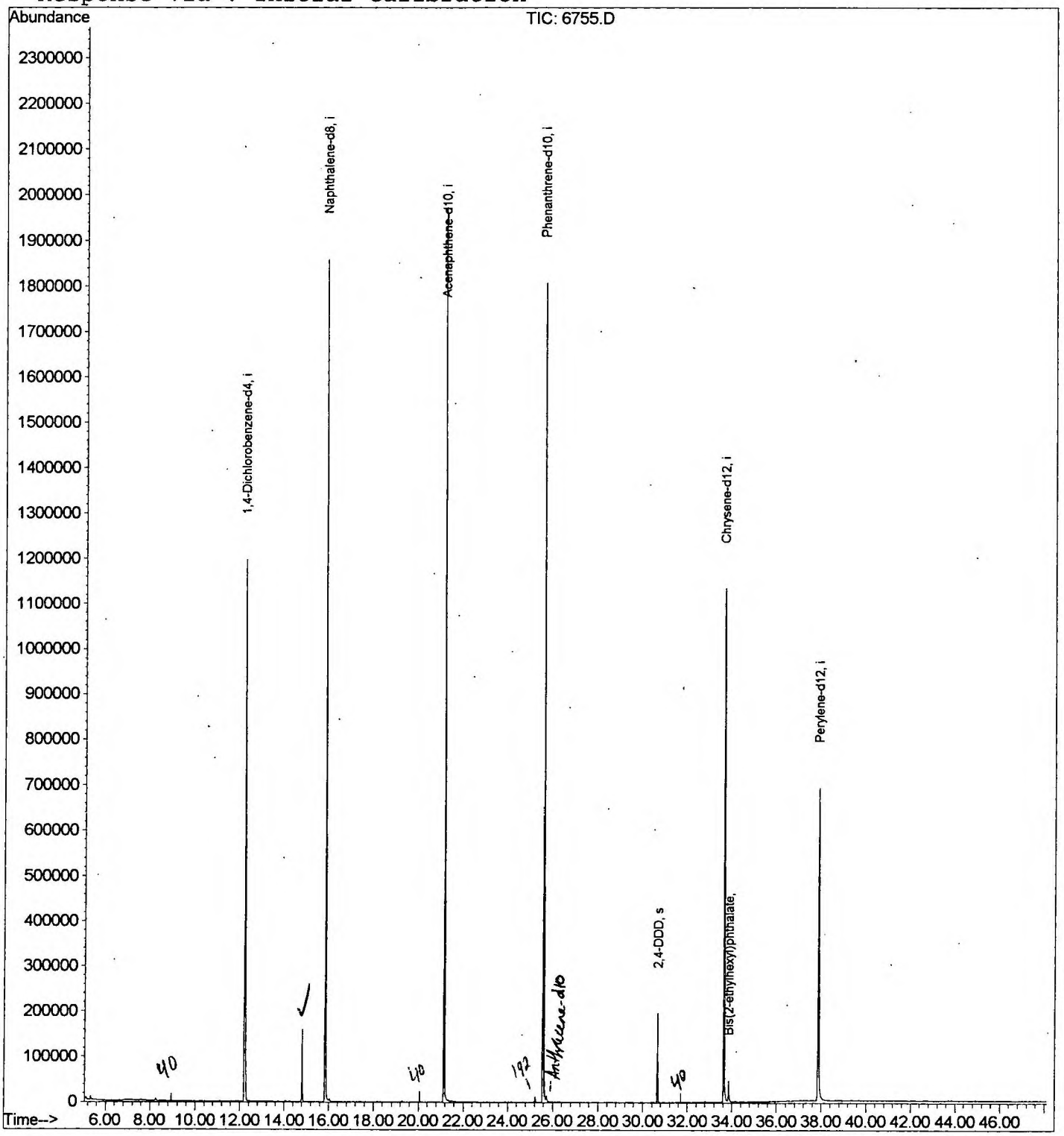
(#) = qualifier out of range (m) = manual integration

NYC-WTC_000060516

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1602\6755.D Vial: 11
Acq On : 16 Apr 2002 11:00 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 11:56 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



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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1602\6755.D Vial: 11
Acq On : 16 Apr 2002 11:00 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	12.210	775	780	797	rVB	1195505	2876201	69.46%	14.384%
2	14.808	1057	1063	1069	rVB	159780	307659	7.43%	1.539%
3	15.845	1170	1176	1192	rBV	1857512	3677076	88.80%	18.390%
4	21.151	1747	1754	1765	rBV	1971141	4141078	100.00%	20.710%
5	25.585	2231	2237	2249	rBV2	1806593	3848243	92.93%	19.246%
6	30.662	2785	2790	2797	rVB	196178	380764	9.19%	1.904%
7	33.646	3108	3115	3134	rBV	1134115	2646793	63.92%	13.237%
8	33.857	3134	3138	3153	rVB	46915	117718	2.84%	0.589%
9	37.868	3567	3575	3588	rBV2	688170	1999610	48.29%	10.000%

Sum of corrected areas: 19995142

6755.D GCMS0412.M Wed Apr 17 12:03:45 2002

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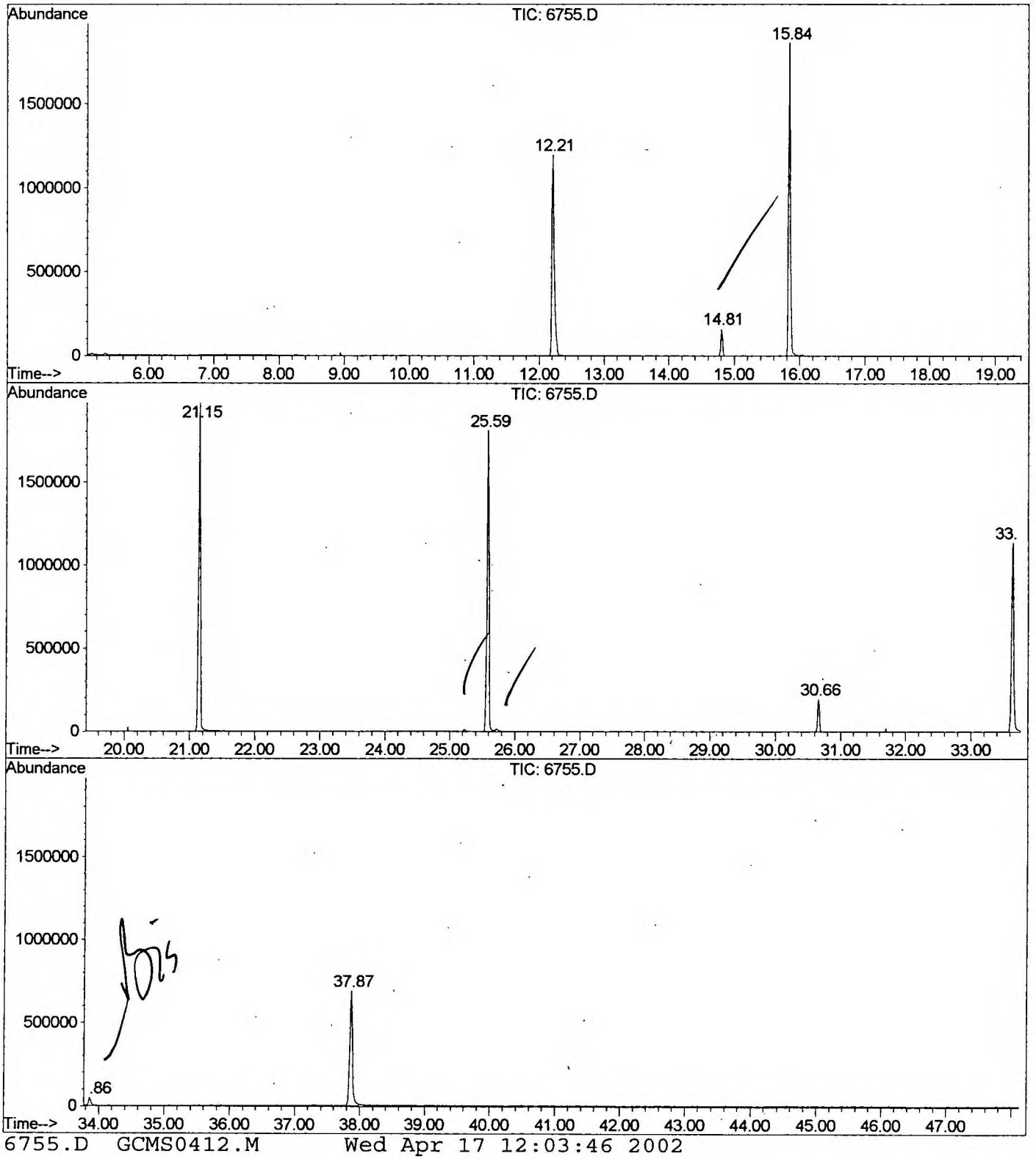
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1602\6755.D
Operator :
Acquired : 16 Apr 2002 11:00 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 3/22
Misc Info :
Vial Number: 11
Quant File :GCMS0412.RES (RTE Integrator)



6755.D GCMS0412.M Wed Apr 17 12:03:46 2002

NYC-WTC_000060519

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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1602\6755.D Vial: 11
Acq On : 16 Apr 2002 11:00 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

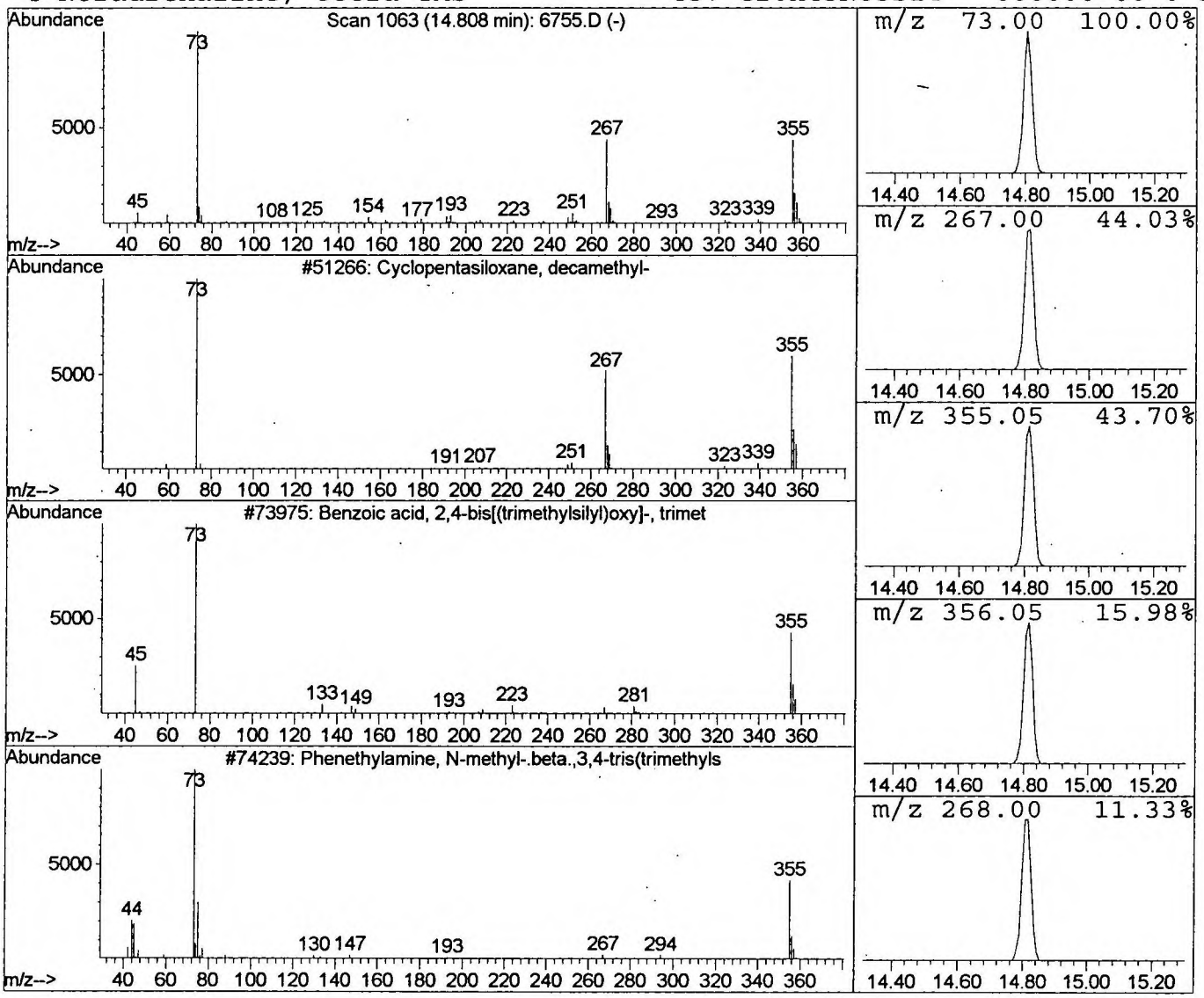
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	1.67 ug/l	307659	Naphthalene-d8	15.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	87
2	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	38
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
4	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37



NYC-WTC_000060520

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Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 16 Apr 2002 11:00 pm
Data File: C:\HPCHEM\1\DATA\APR1602\6755.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	1.7	ug/l	307659	ISTD02	15.84	3677080	20.0

6755.D GCMS0412.M Wed Apr 17 12:03:48 2002