

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 04/18/2002 Time: 15:04:26

Sample: AE06636
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 4/18/2002 15:04 Ended: 4/18/2002 15:04 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds			
2	Surr_2,4-DDD		93	5.0

Comments for Sample AE06636 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-18-2002 Time: 15:04:37

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\6636.D
 Acq On : 16 Apr 2002 9:02 pm
 Sample : gc/ms scan 3/22
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Apr 17 11:54 2002

Vial: 9
 Operator:
 Inst : 209
 Multiplr: 1.00

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	515822	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1832023	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	1018020	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1425256	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	822030	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	515797	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	76942	4.64	ug/mL	0.16
Spiked Amount	5.000		Recovery	=	92.80%	

Target Compounds

					Qvalue
2) N-nitroso-dimethyl amine	5.45	74	1391	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	13.43	77	1041	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	15.89	128	542	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	21.39	165	197	N.D.	
25) Diethylphthalate	22.63	149	1477	N.D.	
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene/ 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

6636.D GCMS0412.M Wed Apr 17 11:55:36 2002

Page 1

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Vial: 9

Acq On : 16 Apr 2002 9:02 pm

Operator:

Sample : gc/ms scan 3/22

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Apr 17 11:54 2002

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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	25.65	178	736	N.D.	
35) Anthracene	25.65	178	283	N.D.	
36) Di-n-butylphthalate	27.55	149	1561	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	33.65	228	1817	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	27423	1.33 ug/l	94
44) Chrysene	33.65	228	1817	N.D.	
46) Di-n-Octylphthalate	0.00	149	0	N.D.	
47) Benzo(b)fluoranthene	36.69	252	185	N.D.	
48) Benzo(k)fluoranthene	36.69	252	185	N.D.	
49) Benzo(a)pyrene	37.86	252	1856	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

6636.D GCMS0412.M

Wed Apr 17 11:55:37 2002

Page 2

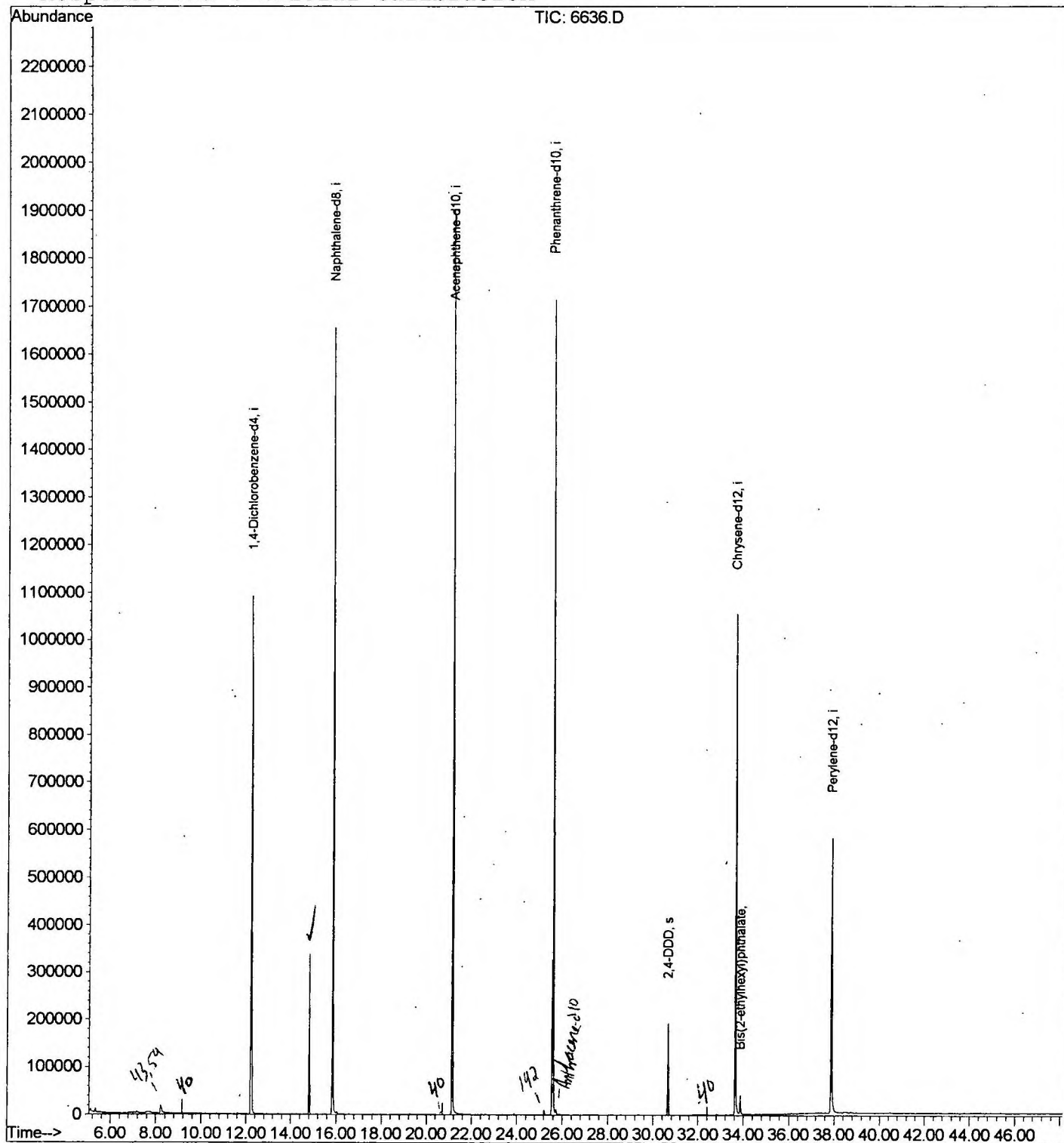
Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1602\6636.D
Acq On : 16 Apr 2002 9:02 pm
Sample : gc/ms scan 3/22
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 17 11:54 2002

Vial: 9
Operator:
Inst : 209
Multiplr: 1.00

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\6636.D
 Acq On : 16 Apr 2002 9:02 pm
 Sample : gc/ms scan 3/22
 Misc :
 MS Integration Params: LSCINT.P

Vial: 9
 Operator:
 Inst : 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Signal : TIC

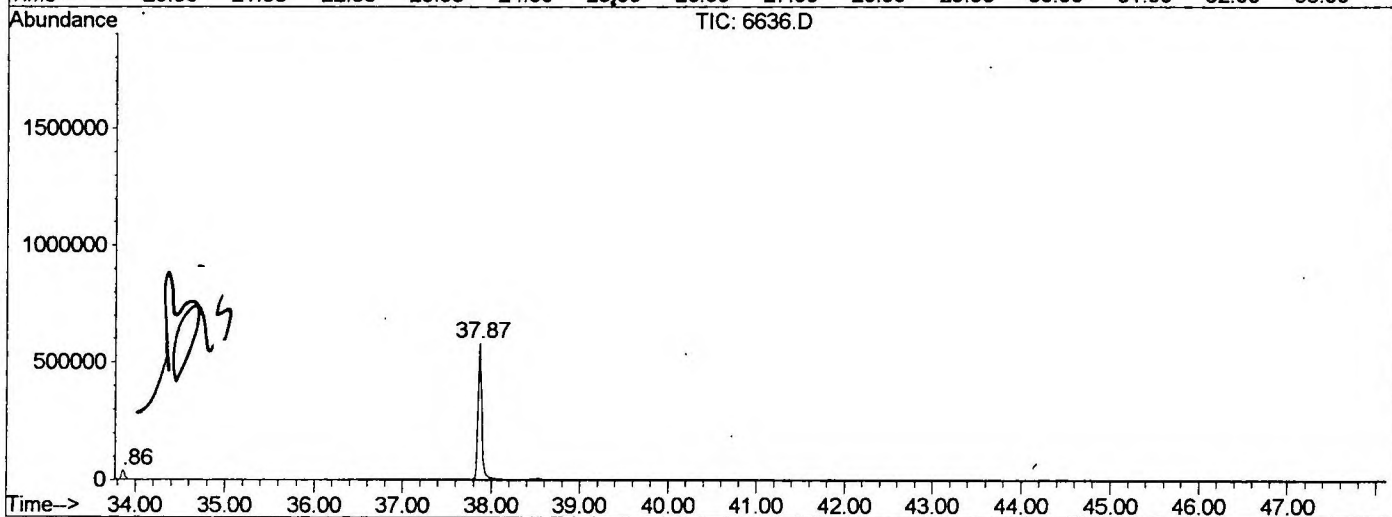
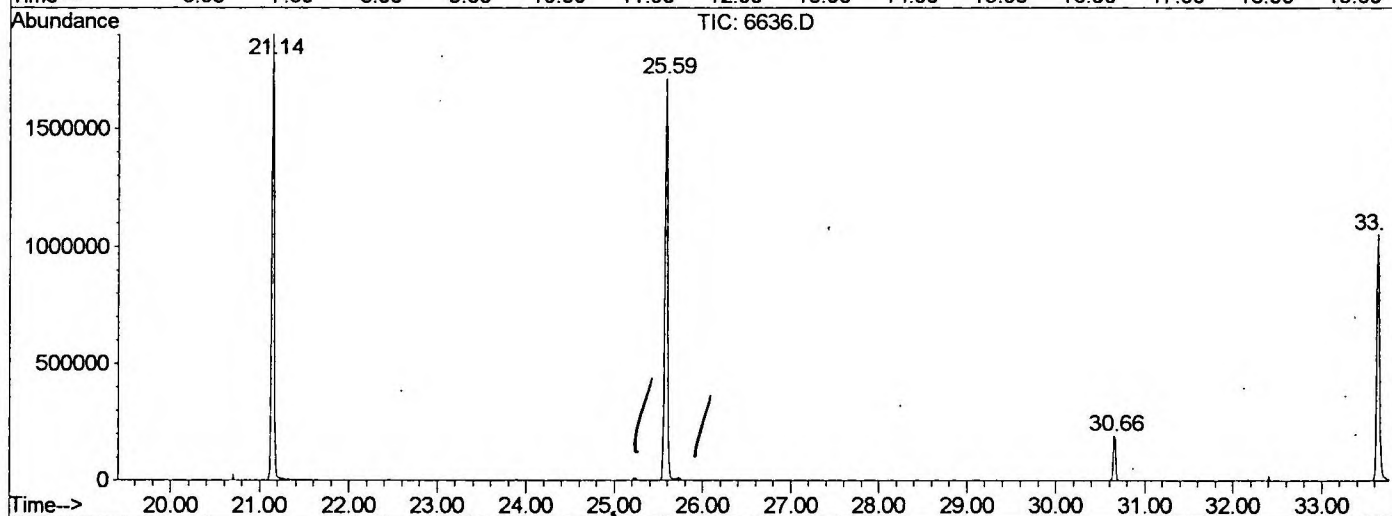
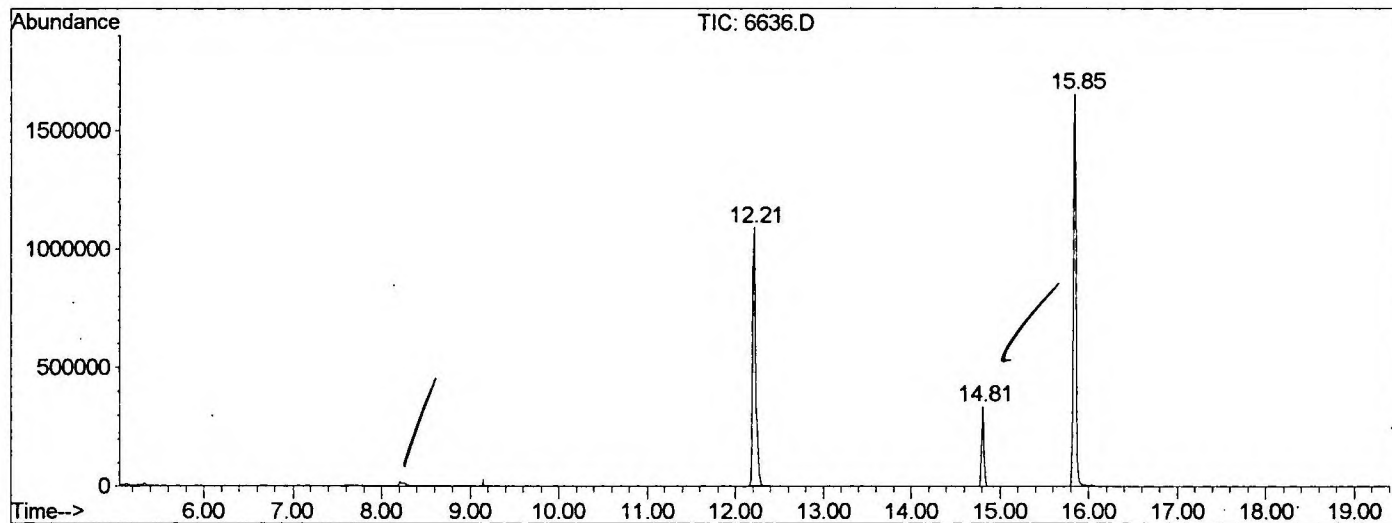
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.212	775	781	794	rBV	1089774	2702710	70.89%	14.471%
2	14.810	1059	1064	1072	rVB	337051	632864	16.60%	3.389%
3	15.848	1171	1177	1194	rBV	1654019	3434378	90.09%	18.389%
4	21.145	1748	1754	1770	rBV	1901684	3812288	100.00%	20.412%
5	25.588	2231	2238	2250	rBV2	1712445	3537620	92.80%	18.942%
6	30.656	2785	2790	2796	rBV	190143	375676	9.85%	2.011%
7	33.639	3108	3115	3131	rBV2	1052838	2350894	61.67%	12.587%
8	33.860	3134	3139	3151	rVB	39999	99182	2.60%	0.531%
9	37.871	3568	3576	3593	rBV	577420	1730927	45.40%	9.268%

Sum of corrected areas: 18676539

6636.D GCMS0412.M Wed Apr 17 12:03:23 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1602\6636.D
 Operator :
 Acquired : 16 Apr 2002 9:02 pm using AcqMethod GCMS0412
 Instrument : 209
 Sample Name: gc/ms scan 3/22
 Misc Info :
 Vial Number: 9
 Quant File : GCMS0412.RES (RTE Integrator)



6636.D GCMS0412.M Wed Apr 17 12:03:24 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1602\6636.D
Acq On : 16 Apr 2002 9:02 pm
Sample : gc/ms scan 3/22
Misc :
MS Integration Params: LSCINT.P

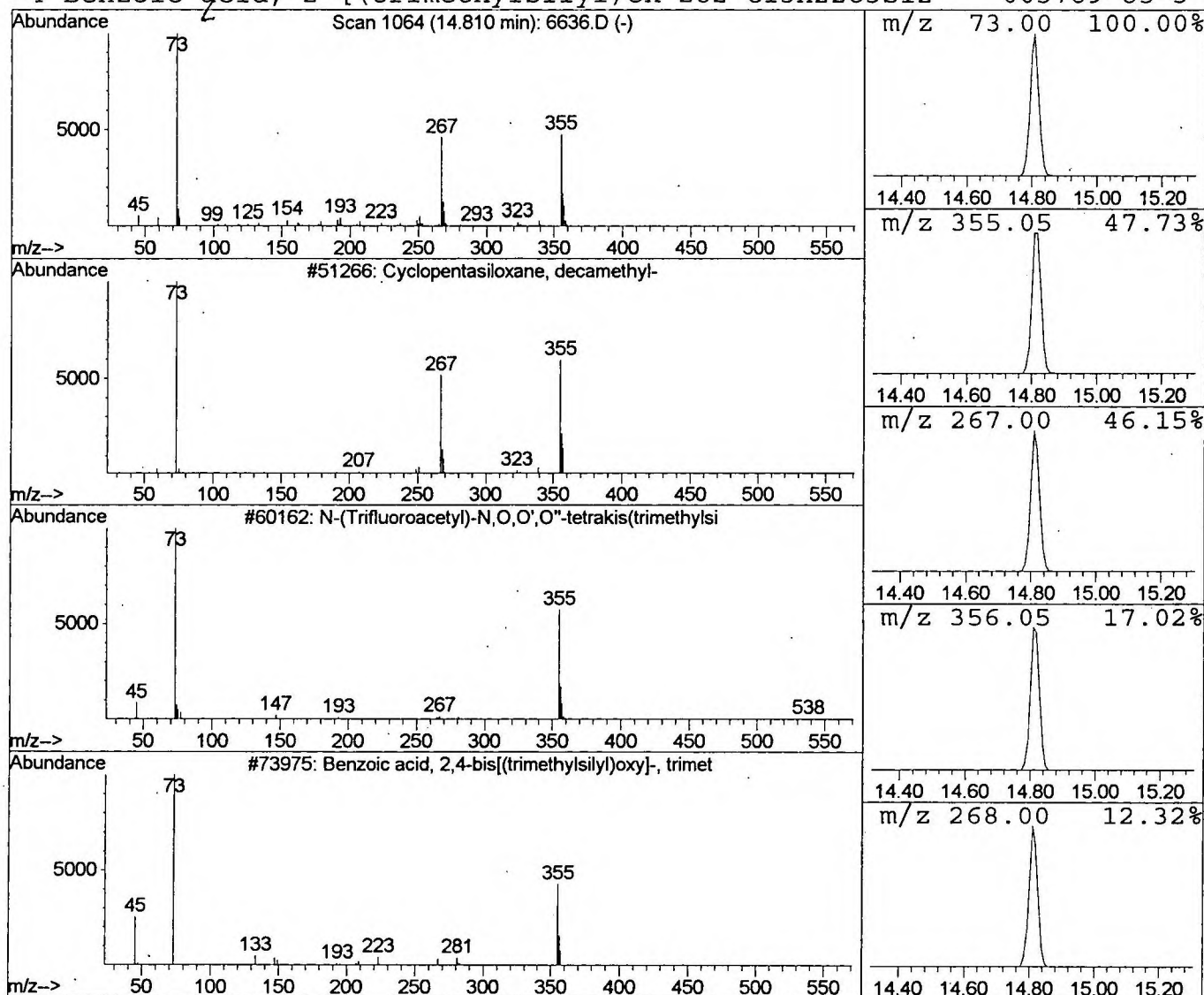
Vial: 9
Operator:
Inst : 209
Multiplr: 1.00

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	3.69 ug/l	632864	Naphthalene-d8	15.85

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2		N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	47
3		Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	38
4		Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	32



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 16 Apr 2002 9:02 pm
 Data File: C:\HPCHEM\1\DATA\APR1602\6636.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	3.7	ug/l	632864	ISTD02	15.85	3434380	20.0

6636.D GCMS0412.M Wed Apr 17 12:03:25 2002