

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 04/18/2002 Time: 15:10:13

Sample: AE06758
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 4/18/2002 15:09 Ended: 4/18/2002 15:09 Analyst: DLV
 Page: 1

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

Comments for Sample AE06758 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-18-2002 Time: 15:10:39

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\6758.D
 Acq On : 17 Apr 2002 1:58 am
 Sample : gc/ms scan 3/22
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Apr 17 11:59 2002

Vial: 14
 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	528928	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1905720	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	1066186	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1508621	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	885332	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	557575	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	81750	4.66	ug/mL	0.17
Spiked Amount	5.000		Recovery	=	93.20%	

Target Compounds

					Qvalue
2) N-nitroso-dimethyl amine	5.45	74	1426	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	913	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	305	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	22.62	149	872	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

6758.D GCMS0412.M Wed Apr 17 12:00:23 2002

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Quantitation Report

(QT Reviewed)

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 Acq On : 17 Apr 2002 1:58 am
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 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Apr 17 11:59 2002

Vial: 14
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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	25.60	178	544	N.D.	
35) Anthracene	25.60	178	544	N.D.	
36) Di-n-butylphthalate	27.55	149	3275	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	2029	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	29861	1.34 ug/l #	95
44) Chrysene	33.64	228	2029	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	2173	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
 6758.D GCMS0412.M Wed Apr 17 12:00:24 2002

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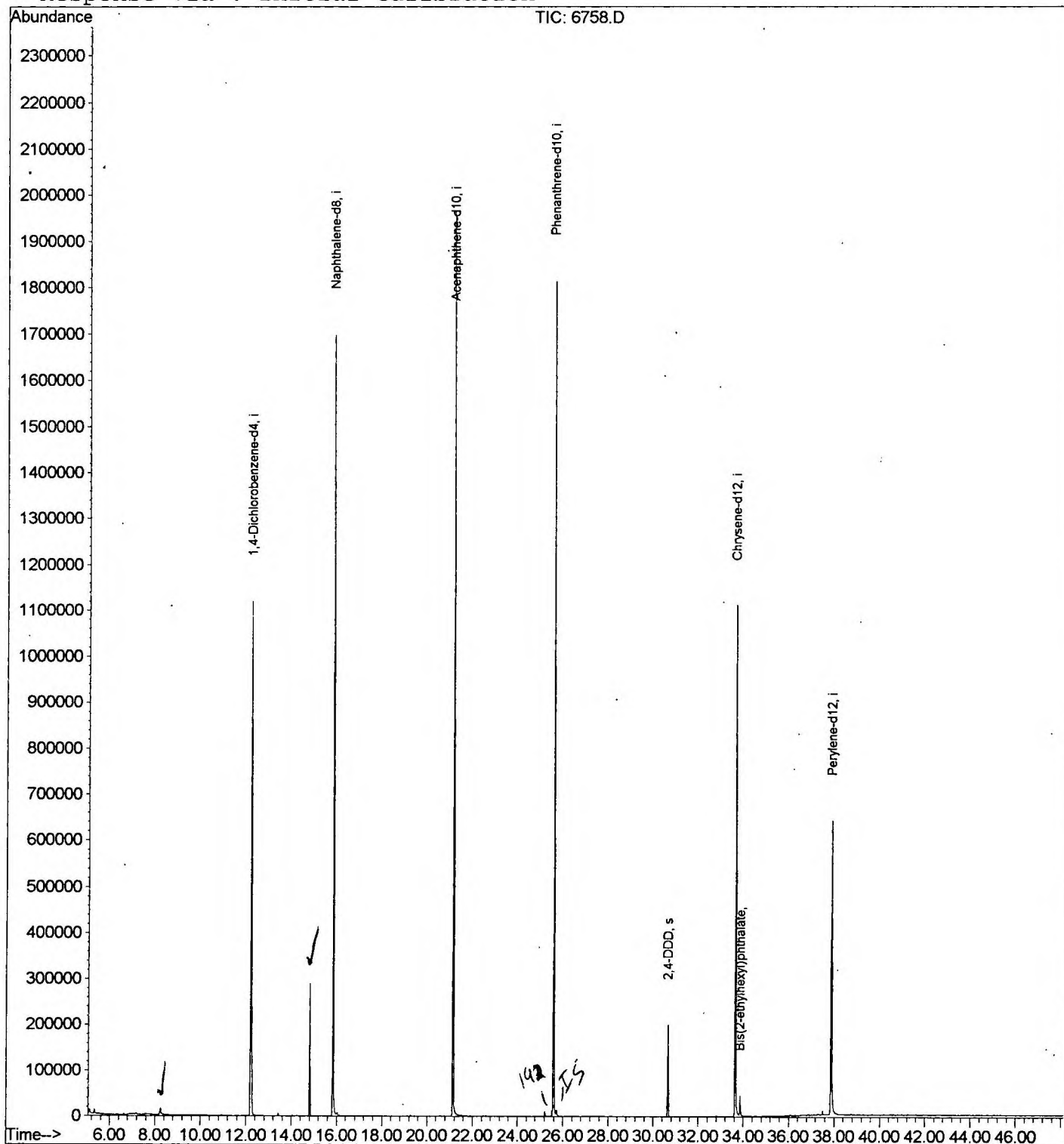
Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1602\6758.D
Acq On : 17 Apr 2002 1:58 am
Sample : gc/ms scan 3/22
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 17 11:59 2002

Vial: 14
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\6758.D
 Acq On : 17 Apr 2002 1:58 am
 Sample : gc/ms scan 3/22
 Misc :
 MS Integration Params: LSCINT.P

Vial: 14
 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

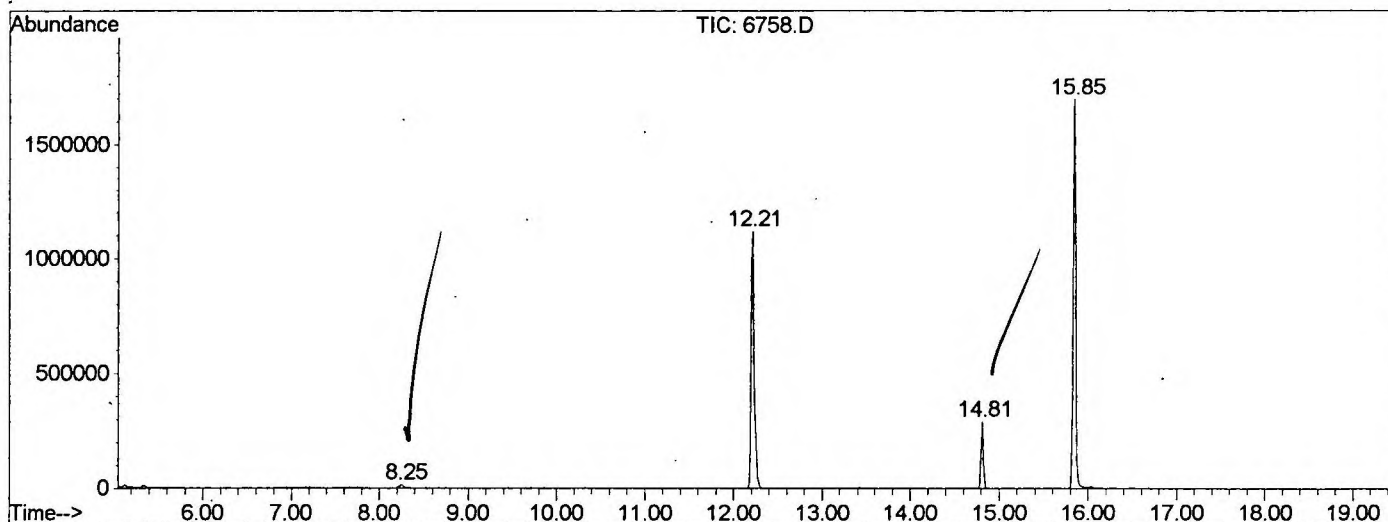
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.246	343	349	357	rBV2	14065	45795	1.14%	0.234%
2	12.212	775	781	794	rBV	1117821	2799977	69.63%	14.282%
3	14.810	1059	1064	1070	rBV	289077	540859	13.45%	2.759%
4	15.848	1170	1177	1193	rBV	1696575	3572413	88.83%	18.223%
5	21.145	1748	1754	1767	rBV	1966762	4021454	100.00%	20.513%
6	25.588	2231	2238	2249	rBV2	1812904	3731620	92.79%	19.035%
7	30.656	2785	2790	2796	rBV	199637	396873	9.87%	2.024%
8	33.639	3107	3115	3130	rBV2	1110025	2515731	62.56%	12.833%
9	33.859	3134	3139	3151	rVB	42541	100400	2.50%	0.512%
10	37.871	3567	3576	3594	rBV	638122	1879176	46.73%	9.586%

Sum of corrected areas: 19604298

6758.D GCMS0412.M Wed Apr 17 12:04:29 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1602\6758.D
 Operator :
 Acquired : 17 Apr 2002 1:58 am using AcqMethod GCMS0412
 Instrument : 209
 Sample Name: gc/ms scan 3/22
 Misc Info :
 Vial Number: 14
 Quant File :GCMS0412.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1602\6758.D
 Acq On : 17 Apr 2002 1:58 am
 Sample : gc/ms scan 3/22
 Misc :
 MS Integration Params: LSCINT.P

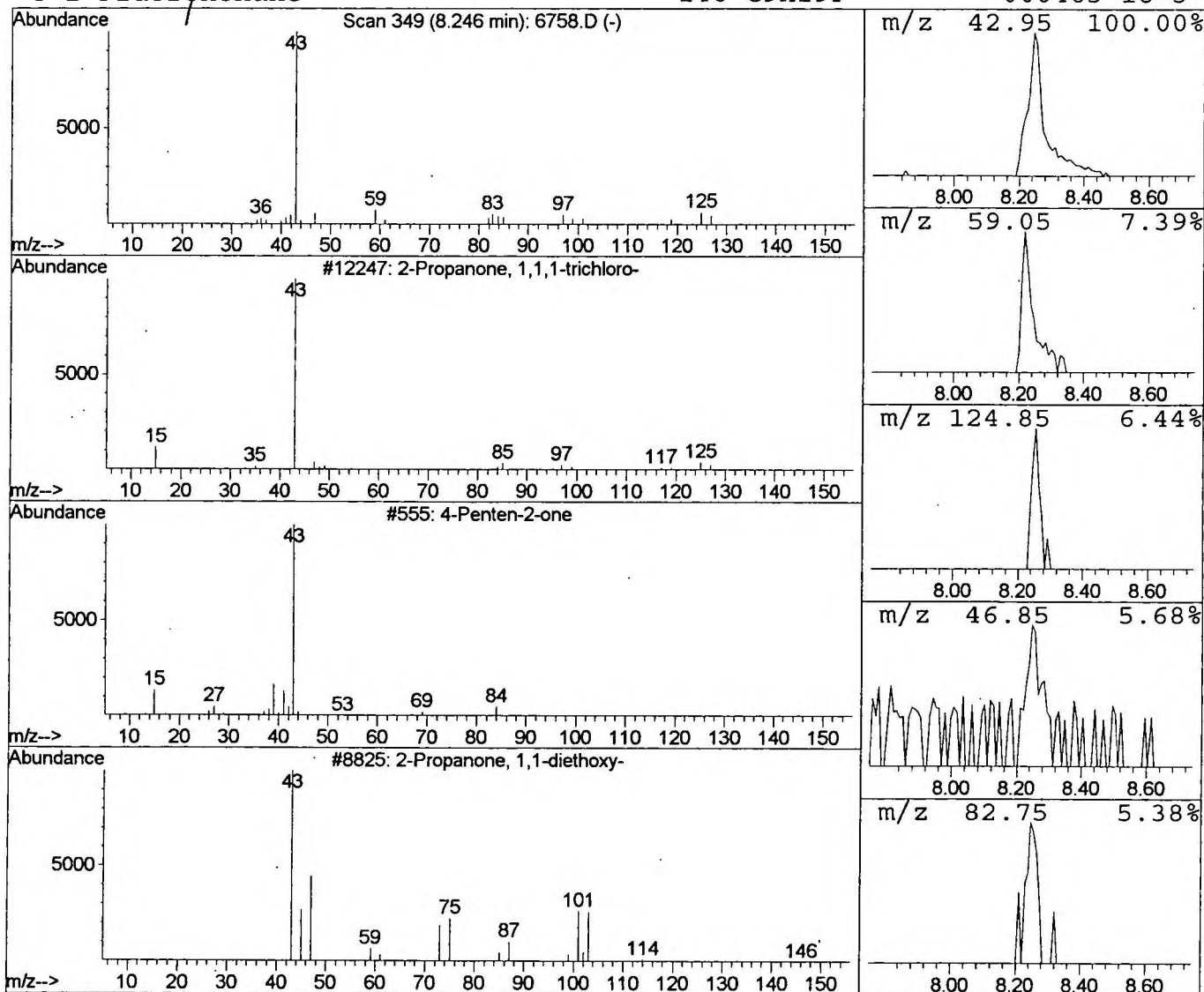
Vial: 14
 Operator:
 Inst : 209
 Multiplr: 1.00

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

 Peak Number 1 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	0.33 ug/l	45795	1,4-Dichlorobenzene-d4	12.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	56
2			4-Penten-2-one	84	C5H8O	013891-87-7	9
3			2-Propanone, 1,1-diethoxy-	146	C7H14O3	005774-26-5	9
4			1-Fluorononane	146	C9H19F	000463-18-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1602\6758.D
Acq On : 17 Apr 2002 1:58 am
Sample : gc/ms scan 3/22
Misc :
MS Integration Params: LSCINT.P

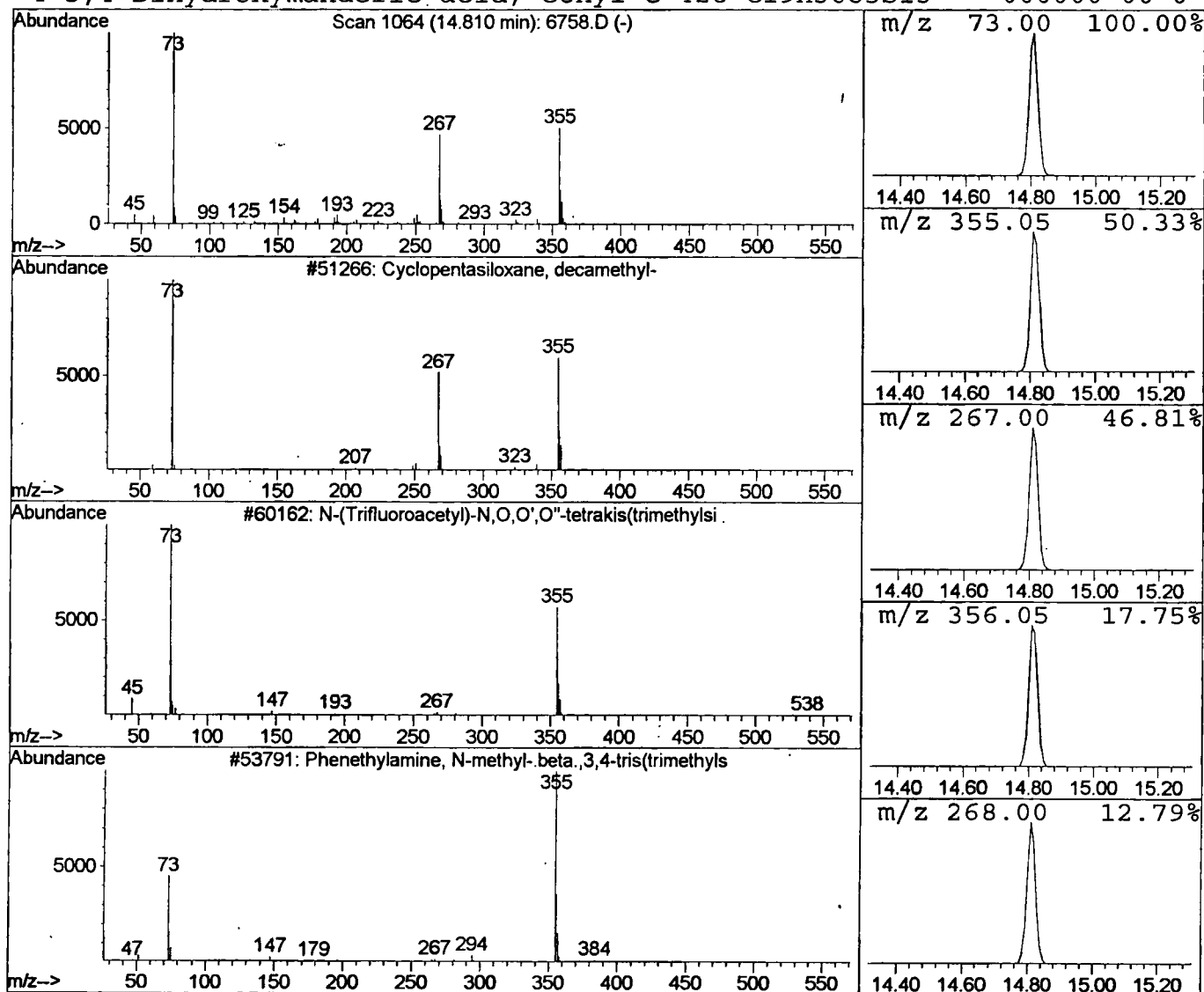
Vial: 14
Operator:
Inst : 209
Multiplr: 1.00

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

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	3.03 ug/l	540859	Naphthalene-d8	15.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2			N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	38
3			Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
4			3,4-Dihydroxymandelic acid, ethyl e	428	C19H36O5Si3	000000-00-0	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 17 Apr 2002 1:58 am
Data File: C:\HPCHEM\1\DATA\APR1602\6758.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
2-Propanone, 1,1,1-t	8.25	0.3	ug/l	45795	ISTD01	12.21	2799980	20.0
Cyclopentasiloxane,	14.81	3.0	ug/l	540859	ISTD02	15.85	3572410	20.0

6758.D GCMS0412.M Wed Apr 17 12:04:32 2002