

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 16:24:36

Sample: AE01155
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/4/02 16:23 Ended: 3/4/02 16:23 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		83		5.0

Comments for Sample AE01155 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 03-04-2002 Time: 16:57:38

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 2 of the 43 compounds in the LCS Standard for the reextracted sample were above their acceptance ranges. This sample was extracted previously with its LCS Standard failing the first time. This sample will receive an analysis cost discount.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\1155.D

Vial: 67

Acq On : 24 Feb 2002 10:01 am

Operator:

Sample : gc/ms scan 2/21

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Feb 28 15:54 2002

Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Wed Feb 27 11:30:15 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0208

Not analyzed

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.33	152	227280	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	863105	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.29	164	448292	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.73	188	645513	20.00	ug/l	-0.04
38) Chrysene-d12	33.80	240	442849	20.00	ug/l	-0.05
44) Perylene-d12	38.08	264	295445	20.00	ug/l	-0.05

System Monitoring Compounds

37) 2,4-DDD	30.81	235	50068	7.43	ug/mL	0.31
Spiked Amount	5.000		Recovery	=	148.60%	

*0.13**8391*

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	0.00	128	0	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	0.00	149	0	N.D.
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.
27) Fluorene	0.00	166	0	N.D.
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.

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

1155.D GCMS0208.M

Thu Feb 28 15:58:26 2002

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\1155.D

Vial: 67

Acq On : 24 Feb 2002 10:01 am

Operator:

Sample : gc/ms scan 2/21

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Feb 28 15:54 2002

Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Wed Feb 27 11:30:15 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0208

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	0.00	178	0	N.D.		
34) Anthracene	25.74	178	101	N.D.		
35) Di-n-butylphthalate	27.69	149	1230	N.D.		
36) Fluoranthene	0.00	202	0	N.D.		
39) Pyrene	0.00	202	0	N.D.		
40) Butylbenzylphthalate	0.00	149	0	N.D.		
41) Benzo(a)anthracene	33.80	228	924	N.D.		
42) Bis(2-ethylhexyl)phthalate	34.01	149	2304	N.D.		
43) Chrysene	33.80	228	924	N.D.		
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo(b)fluoranthene	0.00	252	0	N.D.		
47) Benzo(k)fluoranthene	0.00	252	0	N.D.		
48) Benzo(a)pyrene	38.09	252	952	N.D.		
49) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
50) Dibenz(a,h)anthracene	0.00	278	0	N.D.		
51) Benzo(g,h,i)perylene	0.00	276	0	N.D.		

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

1155.D GCMS0208.M

Thu Feb 28 15:58:30 2002

Page 2

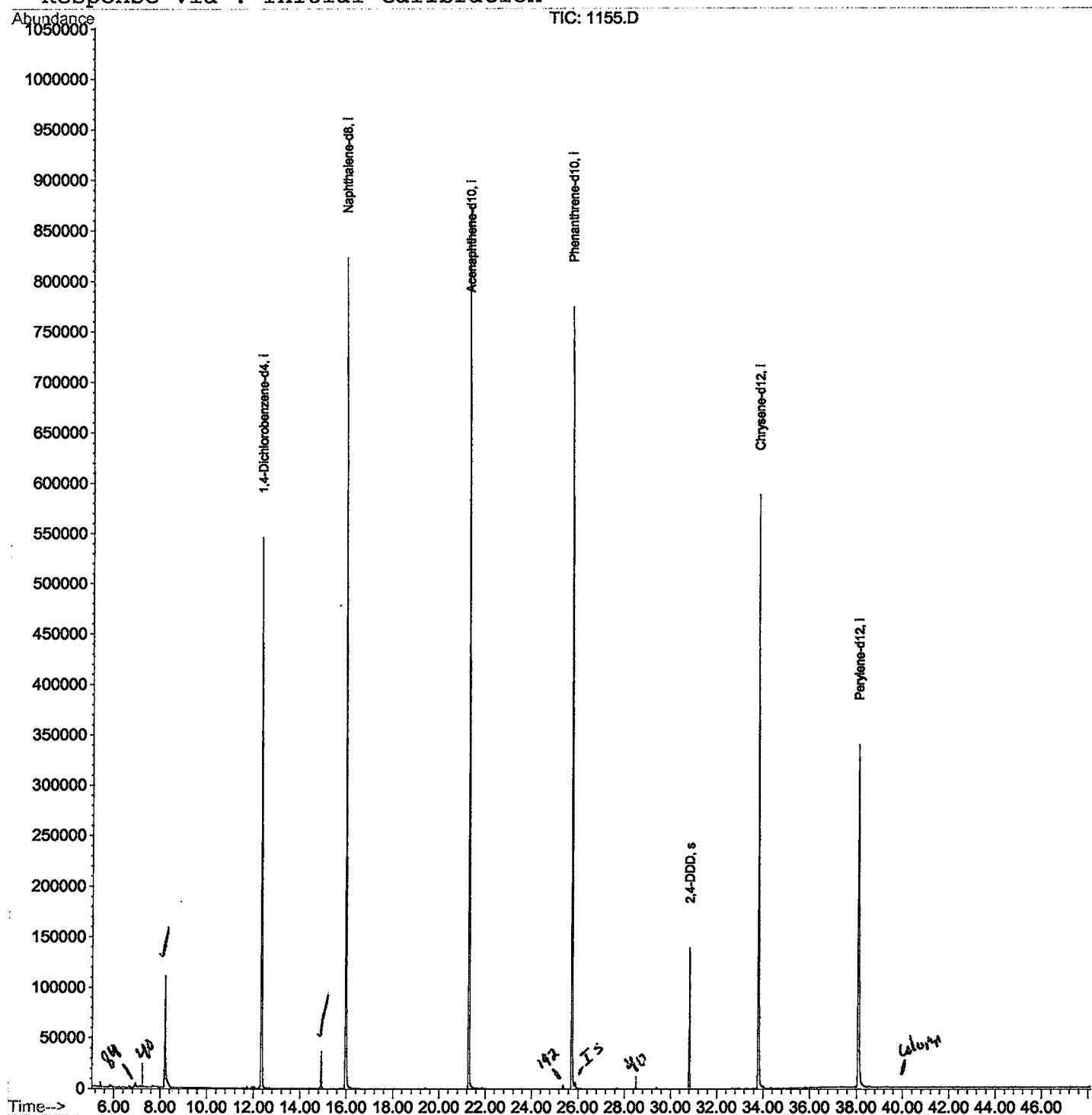
Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1155.D
Acq On : 24 Feb 2002 10:01 am
Sample : gc/ms scan 2/21
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 28 15:54 2002

Vial: 67
Operator:
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1155.D
 Acq On : 24 Feb 2002 10:01 am
 Sample : gc/ms scan 2/21
 Misc :
 MS Integration Params: LSCINT.P

Vial: 67
 Operator:
 Inst : GC/MS 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0208.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

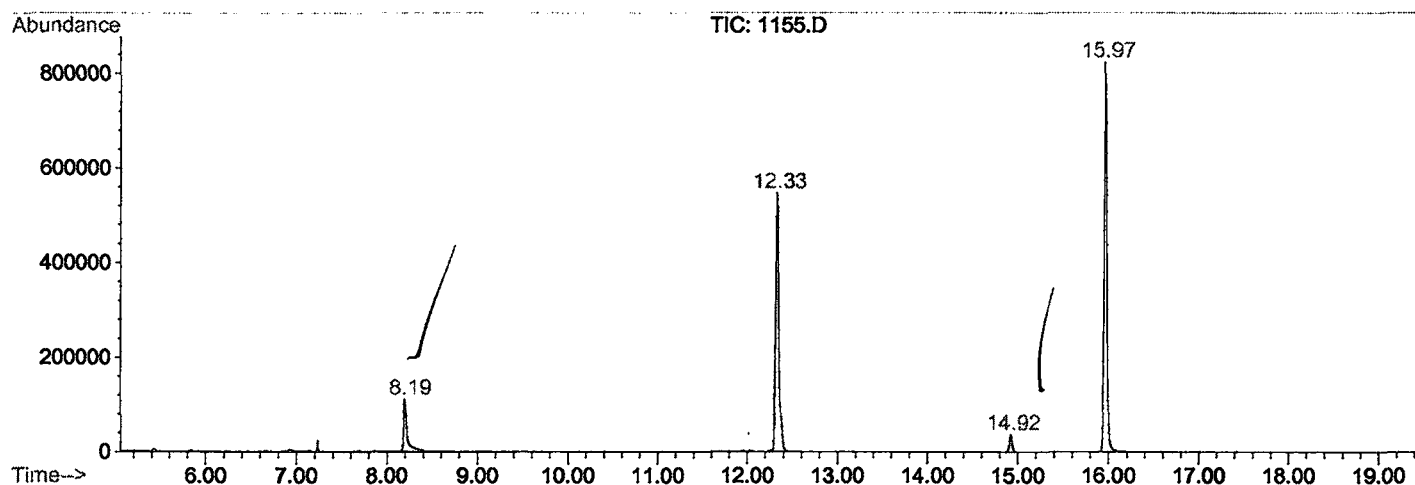
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.194	339	343	362	rBV	110200	285381	15.96%	2.990%
2	12.325	788	793	807	rVB	544933	1312653	73.40%	13.755%
3	14.923	1071	1076	1083	rVB	36466	70175	3.92%	0.735%
4	15.970	1184	1190	1205	rBV	822930	1708052	95.51%	17.898%
5	21.285	1762	1769	1781	rBV	875957	1788299	100.00%	18.739%
6	25.728	2247	2253	2264	rBV2	774273	1709174	95.58%	17.910%
7	30.805	2801	2806	2815	rBV	138588	270499	15.13%	2.835%
8	33.798	3125	3132	3152	rBV2	587685	1349360	75.45%	14.140%
9	38.076	3590	3598	3615	rBV2	338365	1049400	58.68%	10.997%

Sum of corrected areas: 9542993

1155.D GCMS0208.M Fri Mar 01 09:08:39 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\1155.D
 Operator :
 Acquired : 24 Feb 2002 10:01 am using AcqMethod GCMS0208
 Instrument : GC/MS 209
 Sample Name: gc/ms scan 2/21
 Misc Info :
 Vial Number: 67
 Quant File :GCMS0208.RES (RTE Integrator)



1155.D GCMS0208.M

Fri Mar 01 09:08:44 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1155.D
 Acq On : 24 Feb 2002 10:01 am
 Sample : gc/ms scan 2/21
 Misc :
 MS Integration Params: LSCINT.P

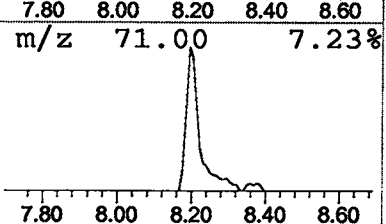
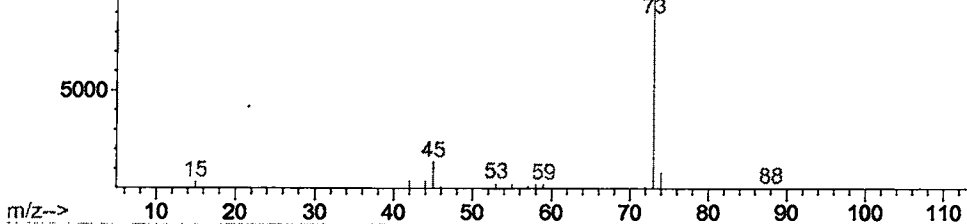
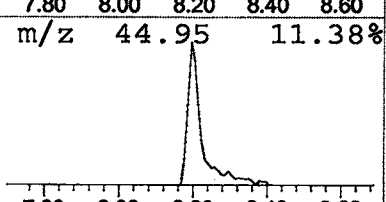
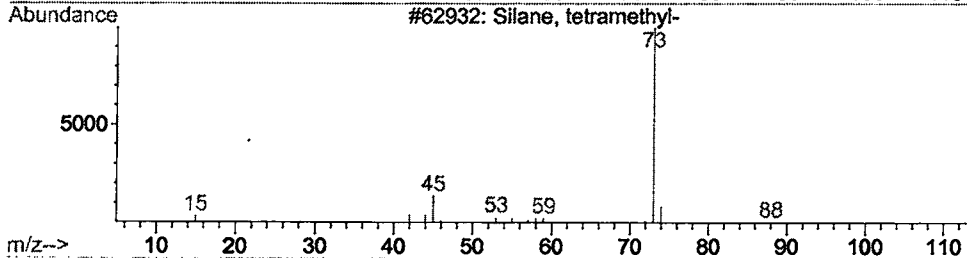
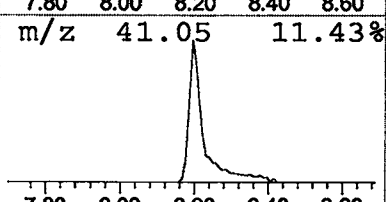
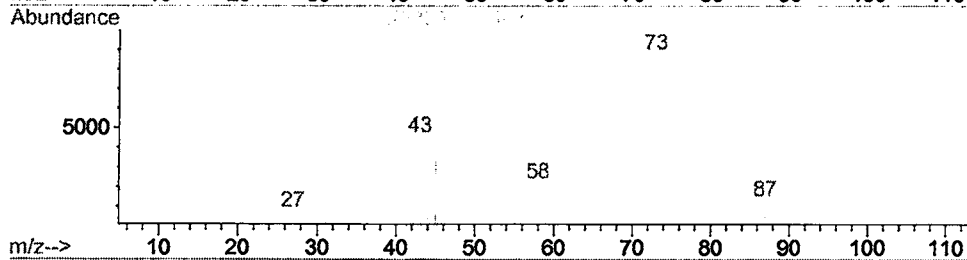
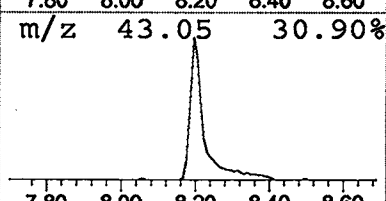
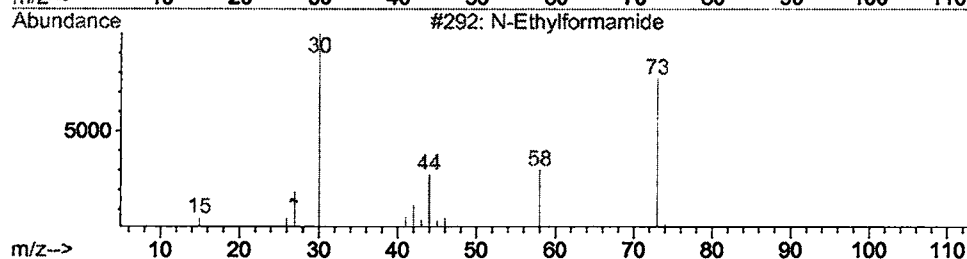
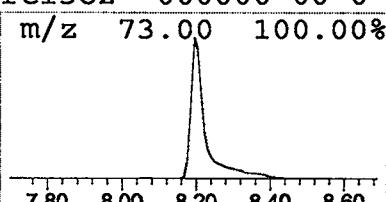
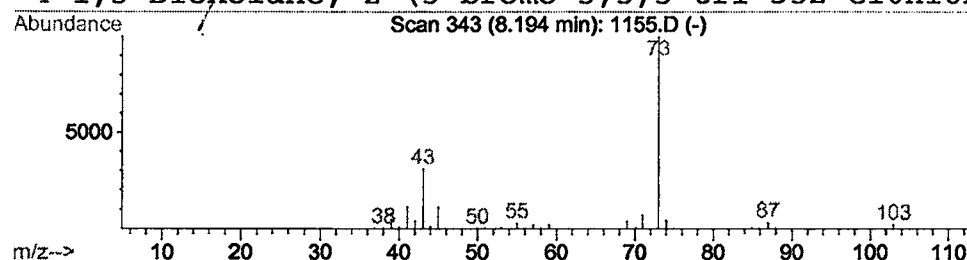
Vial: 67
 Operator:
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	4.35 ug/l	285381	1,4-Dichlorobenzene-d4	12.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N-Ethylformamide	73	C3H7NO	000627-45-2	9
2			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4			1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1155.D
Acq On : 24 Feb 2002 10:01 am
Sample : gc/ms scan 2/21
Misc :
MS Integration Params: LSCINT.P

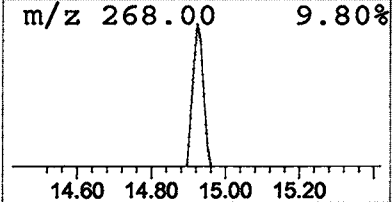
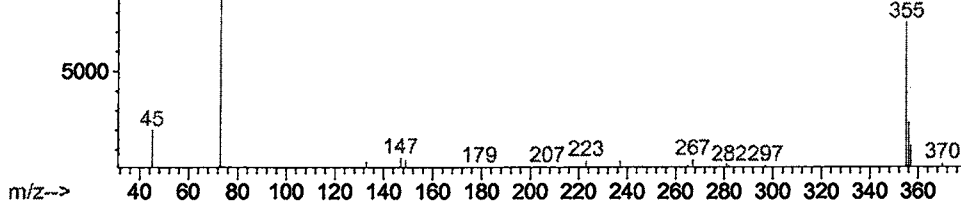
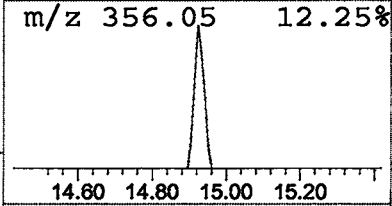
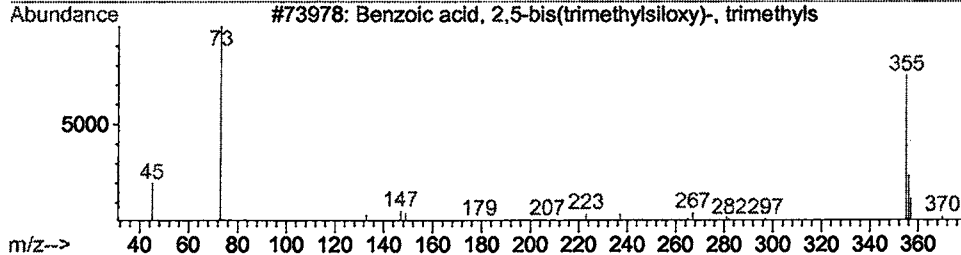
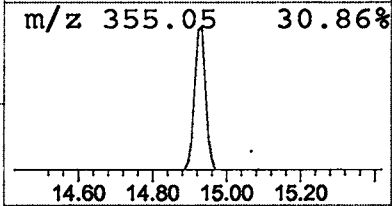
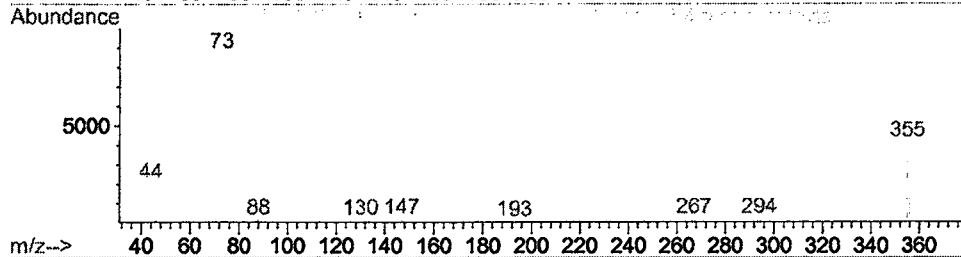
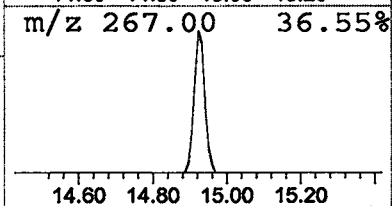
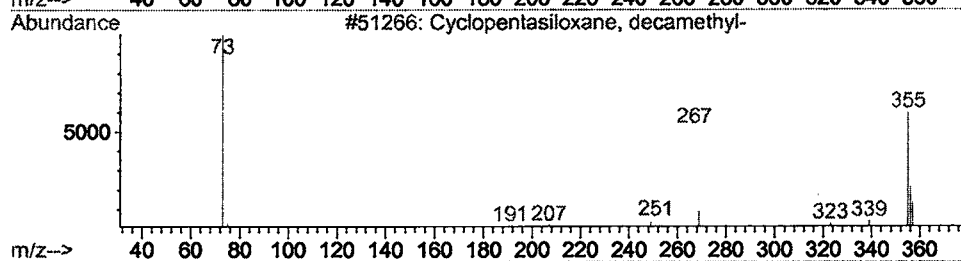
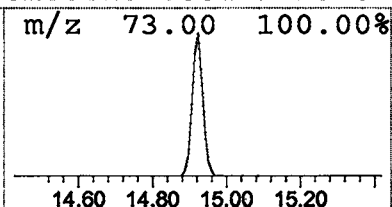
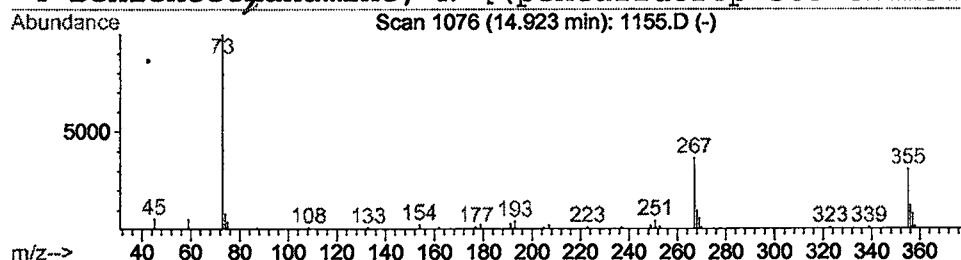
Vial: 67
Operator:
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	0.82 ug/l	70175	Naphthalene-d8	15.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2			Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
3			Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	37
4			Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	37



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Feb 2002 10:01 am
 Data File: C:\HPCHEM\1\DATA\FEB2102\1155.D
 Name: gc/ms scan 2/21
 Misc:
 Method: C:\HPCHEM\1\METHODS\GCMS0208.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
N-Ethylformamide	8.19	4.3	ug/l	285381	ISTD01	12.33	1312650	20.0
Cyclopentasiloxane,	14.92	0.8	ug/l	70175	ISTD02	15.97	1708050	20.0

1155.D GCMS0208.M Fri Mar 01 09:08:58 2002