

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/25/2002 Time: 12:12:29

Sample: AD30694
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/25/02 12:11 Ended: 1/25/02 12:11 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		97		5.0

Comments for Sample AD30694 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 01-25-2002 Time: 12:14:39

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 were above their acceptance ranges.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\30694.D

Vial: 31

Acq On : 1 Jan 2002 6:01 pm

Operator: 209 GALOS

Sample : gcms scan 12/19

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Jan 18 11:04 2002

Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Fri Dec 28 15:11:00 2001

Response via : Initial Calibration

DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	779603	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	2973327	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1499835	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2153370m	20.00	ug/l	0.00
38) Chrysene-d12	33.02	240	1286733	20.00	ug/l	0.00
44) Perylene-d12	37.12	264	700659	20.00	ug/l	0.00

System Monitoring Compounds

37) 2,4-DDD	30.07	235	115371	4.87	ug/mL	0.00
Spiked Amount	5.000		Recovery	=	97.40%	

Target Compounds

				Qvalue
2) N-nitroso-dimethyl amine	5.25	74	189	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	15.34	128	459	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	21.24	165	272	N.D.
25) Diethylphthalate	22.16	149	1621	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

30694.D GCMS1126.M

Fri Jan 18 11:05:14 2002

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Quantitation Report

(QT Reviewed)

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Acq On : 1 Jan 2002 6:01 pm

Operator: 209 GALOS

Sample : gcms scan 12/19

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Jan 18 11:04 2002

Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

Title : 209 625/TCLP calibration table

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Response via : Initial Calibration

DataAcq Meth : GCMS1126

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	24.98	178	627	N.D.		
34) Anthracene	24.98	178	627	N.D.		
35) Di-n-butylphthalate	27.05	149	7294	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	33.02	228	3777	N.D.		
42) Bis(2-ethylhexyl)phthalate	33.31	149	6480	N.D.		
43) Chrysene	33.02	228	3777	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	37.12	252	3012	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

30694.D GCMS1126.M

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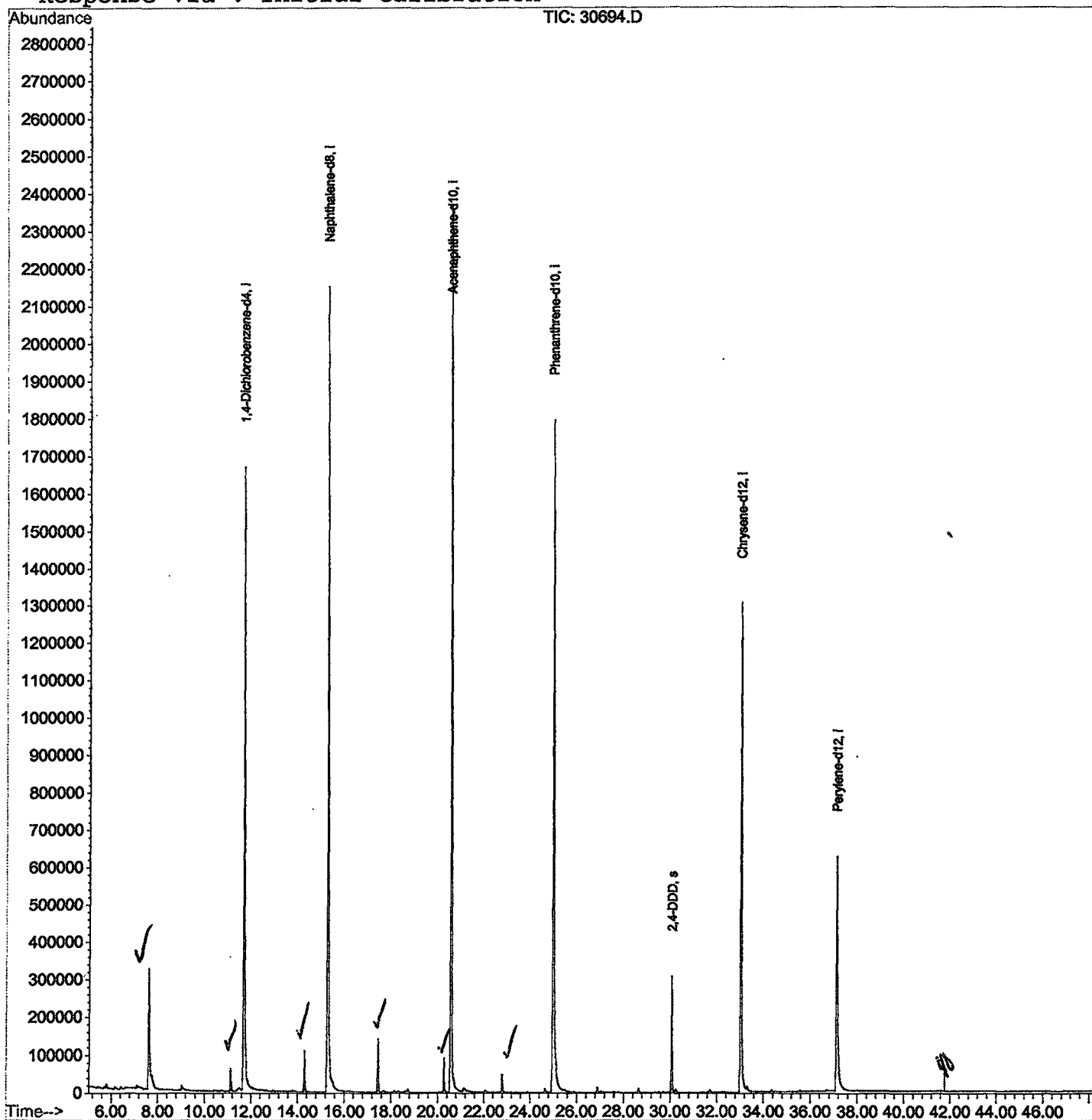
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30694.D
Acq On : 1 Jan 2002 6:01 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 18 11:04 2002

Vial: 31
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30694.D

Acq On : 1 Jan 2002 6:01 pm

Sample : gcms scan 12/19

Misc :

MS Integration Params: LSCINT.P

Vial: 31

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS1126.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	7.613	276	280	294	rBV	318858	1014428	15.47%	3.064%
2	11.129	658	663	675	rBV	62088	156951	2.39%	0.474%
3	11.671	717	722	748	rBV	1662272	4852904	74.00%	14.657%
4	14.306	1003	1009	1021	rBV2	109809	270573	4.13%	0.817%
5	15.279	1110	1115	1152	rBV	2148487	6054428	92.32%	18.286%
6	17.454	1347	1352	1361	rBV	139089	326040	4.97%	0.985%
7	20.282	1653	1660	1668	rBV	90816	203951	3.11%	0.616%
8	20.557	1684	1690	1717	rBV	2368293	6558214	100.00%	19.807%
9	22.797	1928	1934	1939	rBV	47403	111350	1.70%	0.336%
10	24.982	2164	2172	2210	rBV2	1794855	6166641	94.03%	18.625%
11	30.068	2720	2726	2738	rBV	306494	718333	10.95%	2.170%
12	33.024	3042	3048	3074	rBV2	1303998	4116124	62.76%	12.432%
13	37.119	3487	3494	3523	rBV	623728	2559938	39.03%	7.732%

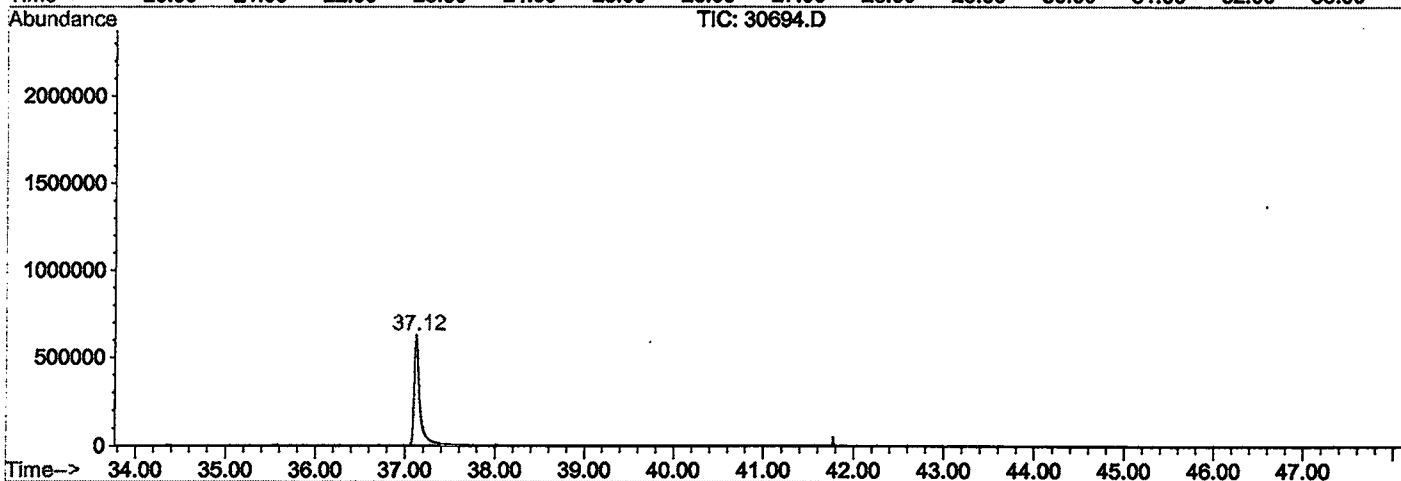
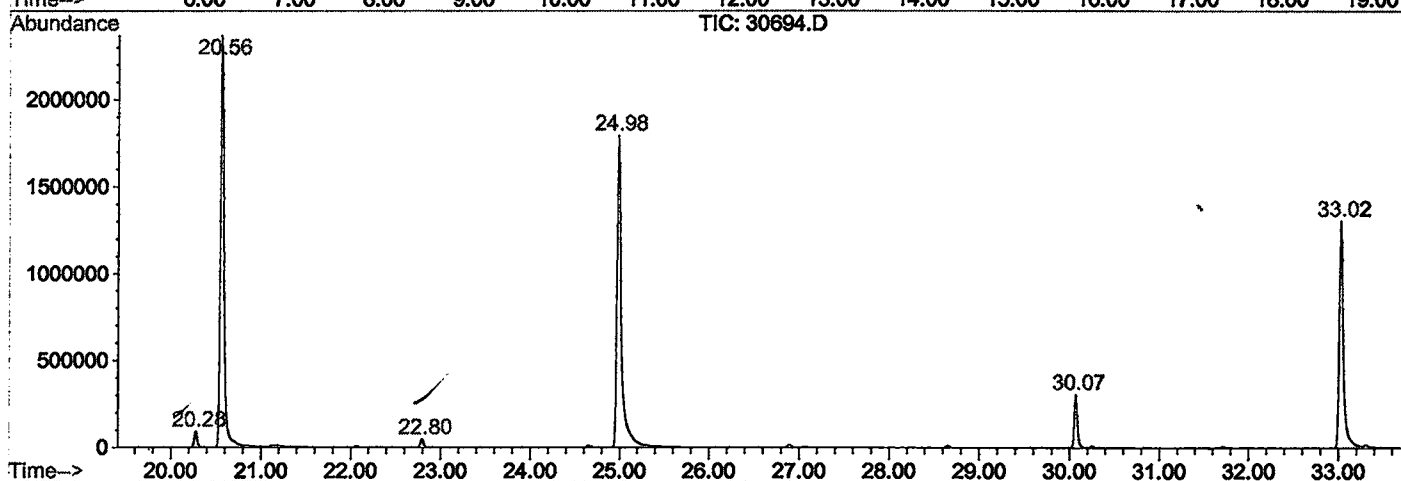
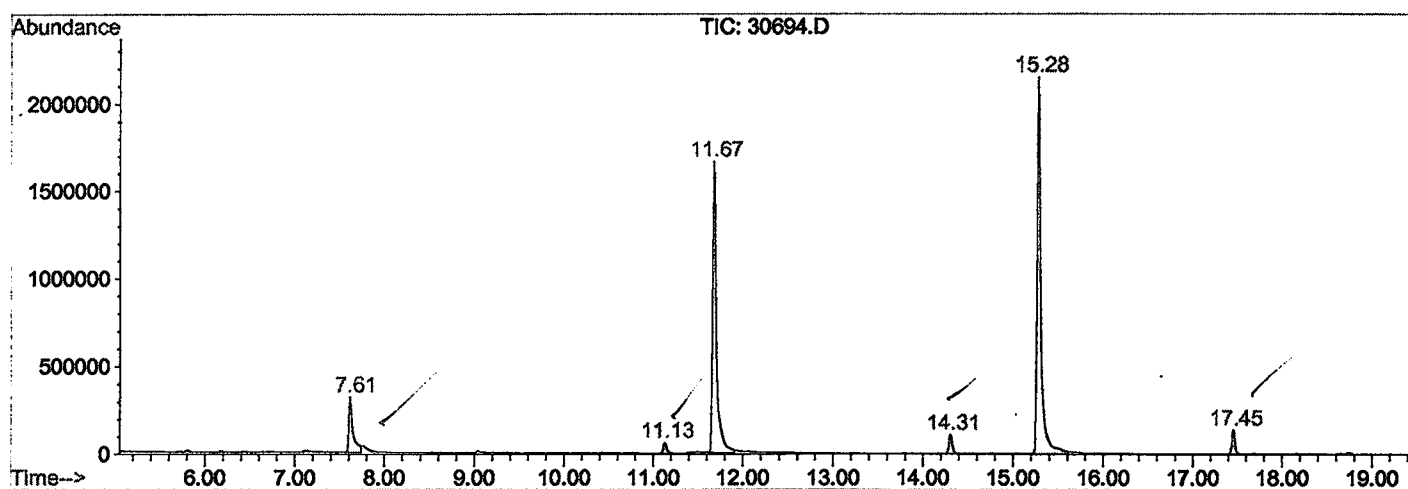
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30694.D GCMS1126.M

Wed Jan 23 08:30:50 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\30694.D
 Operator : 209 GALOS
 Acquired : 1 Jan 2002 6:01 pm using AcqMethod GCMS1126
 Instrument : GC/MS 209
 Sample Name: gcms scan 12/19
 Misc Info :
 Vial Number: 31
 Quant File : GCMS1126.RES (RTE Integrator)



30694.D GCMS1126.M

Wed Jan 23 08:30:56 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30694.D
Acq On : 1 Jan 2002 6:01 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: LSCINT.P

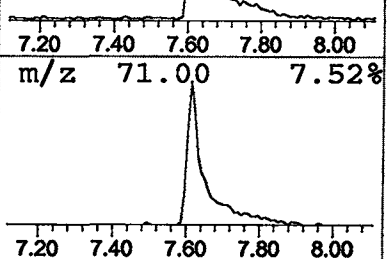
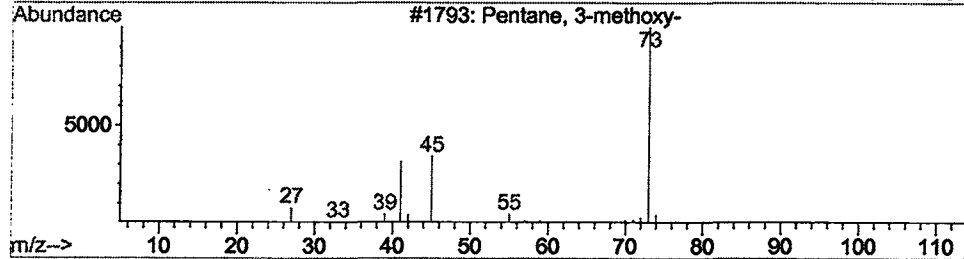
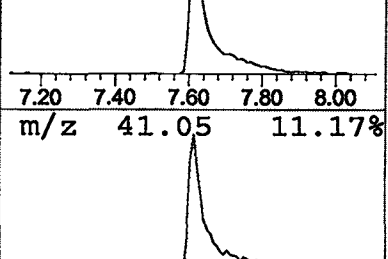
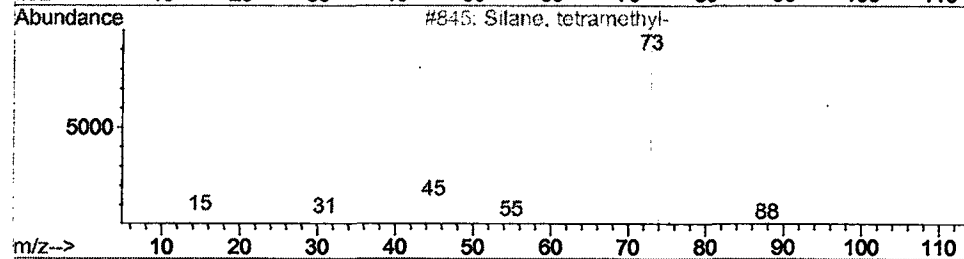
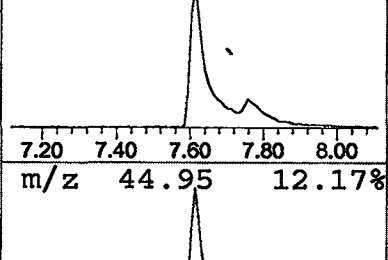
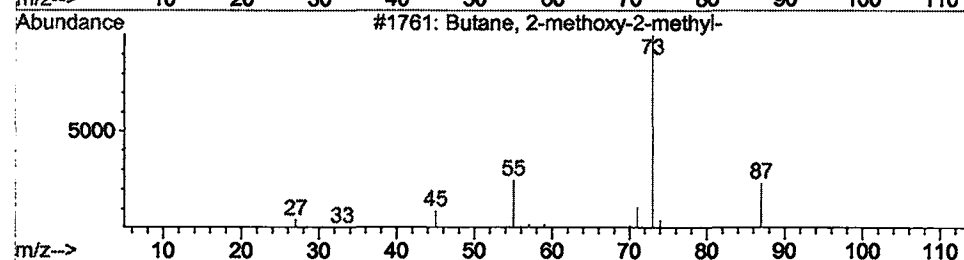
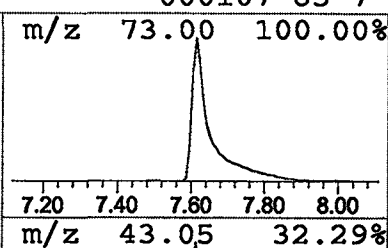
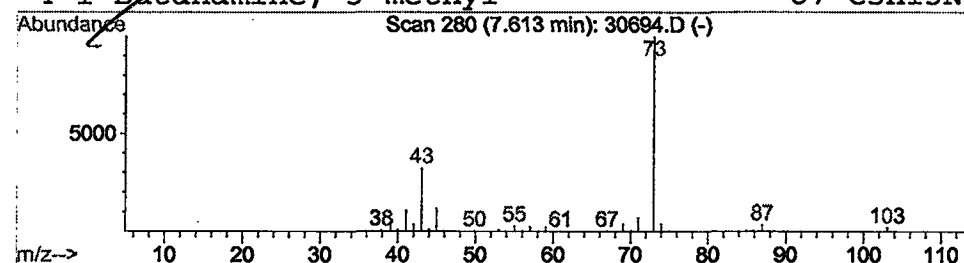
Vial: 31
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	4.18 ug/l	1014430	1,4-Dichlorobenzene-d4	11.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4			1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30694.D
Acq On : 1 Jan 2002 6:01 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: LSCINT.P

Vial: 31
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

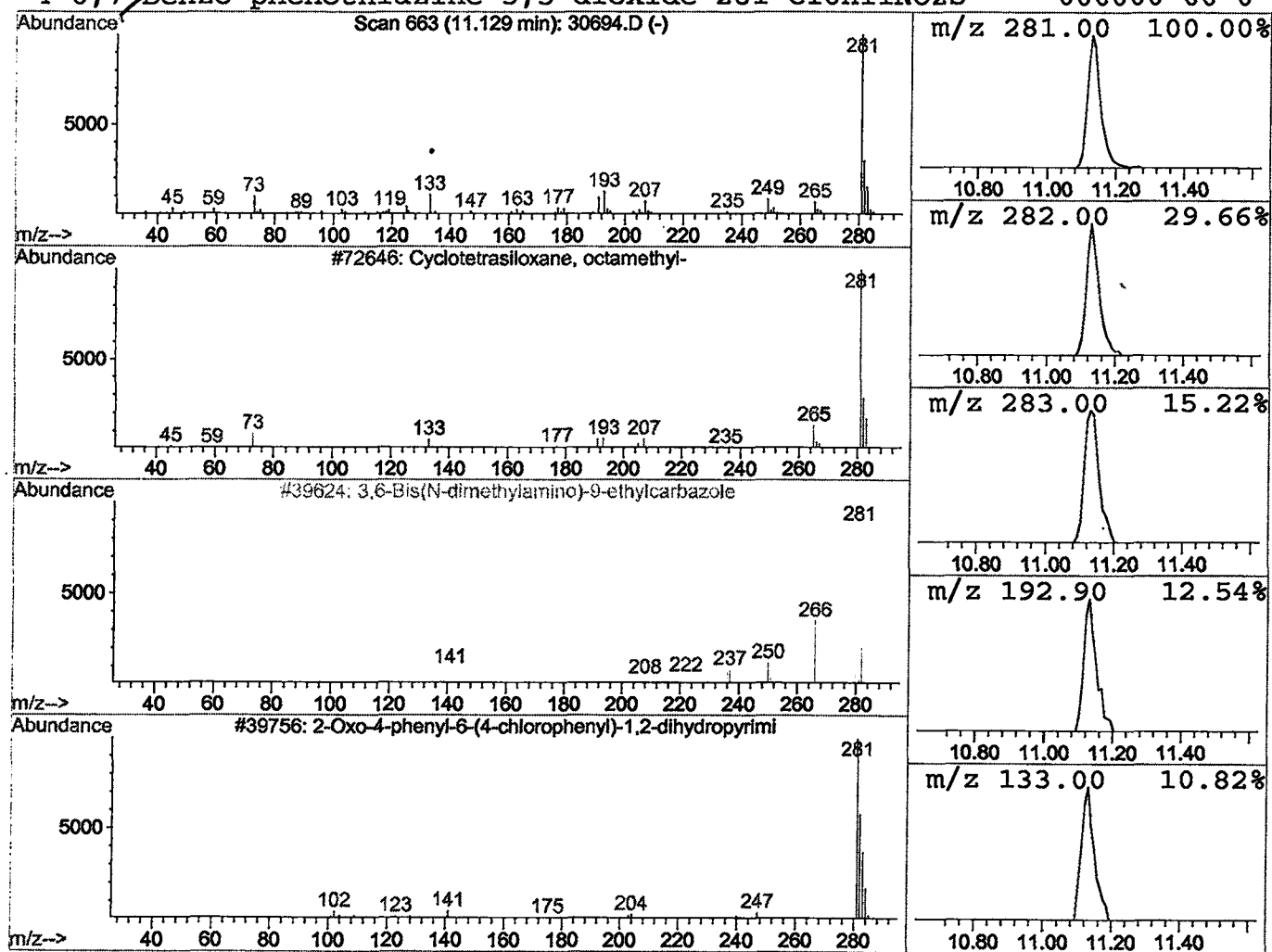
Title : 209 625/TCLP calibration table

Library : C:\DATABASE\NBS75K.L

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	0.65 ug/l	156951	1,4-Dichlorobenzene-d4	11.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	56
2		3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	25
3		2-Oxo-4-phenyl-6-(4-chlorophenyl)-1	282	C16H11ClN2O	000000-00-0	9
4		6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9



Library Search Compound Report

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 Acq On : 1 Jan 2002 6:01 pm
 Sample : gcms scan 12/19
 Misc :
 MS Integration Params: LSCINT.P

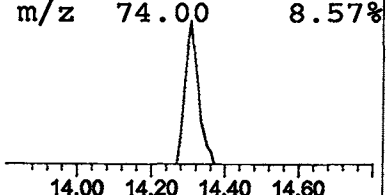
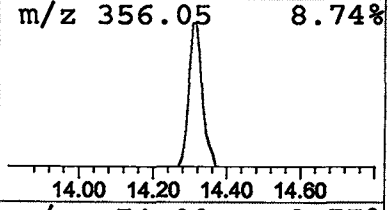
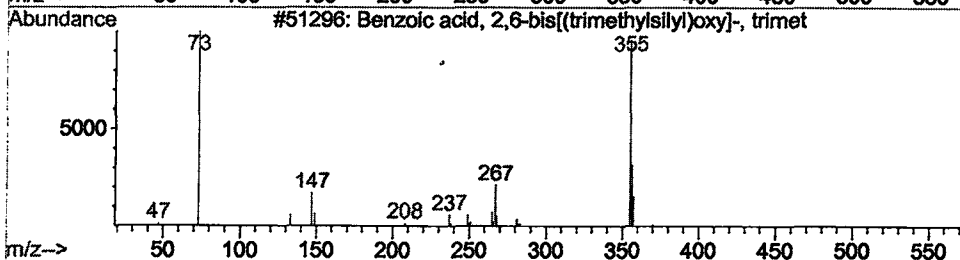
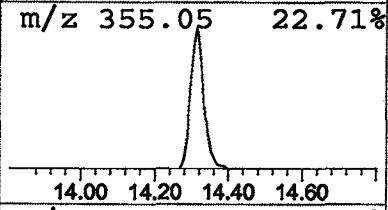
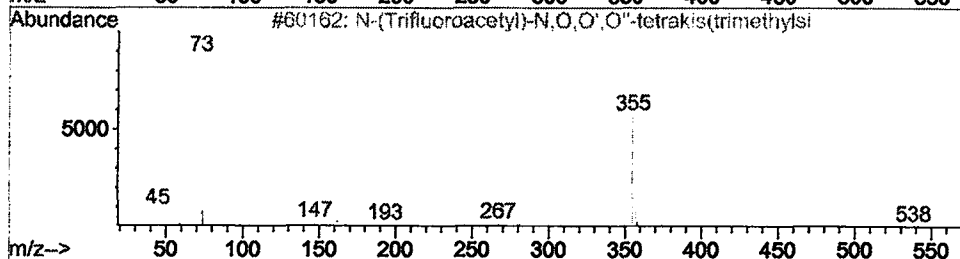
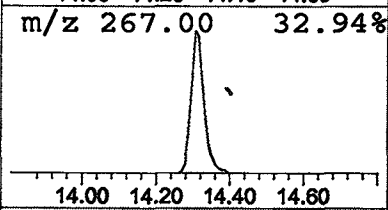
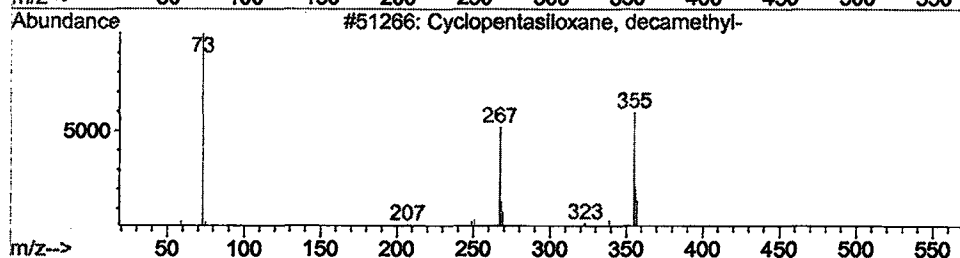
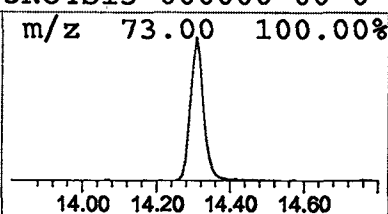
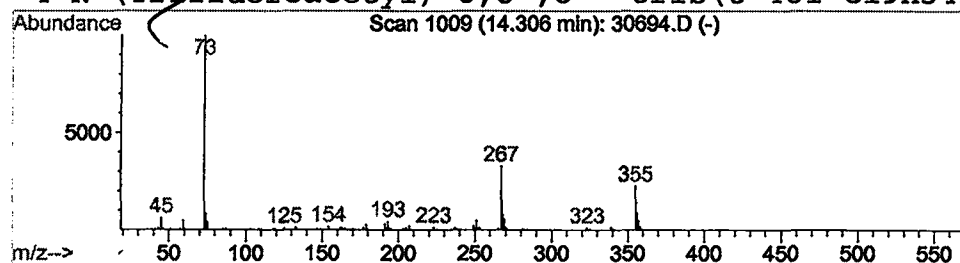
Vial: 31
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	0.89 ug/l	270573	Naphthalene-d8	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2		N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	47
3		Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	40
4		N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	38



Library Search Compound Report

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Sample : gcms scan 12/19
Misc :
MS Integration Params: LSCINT.P

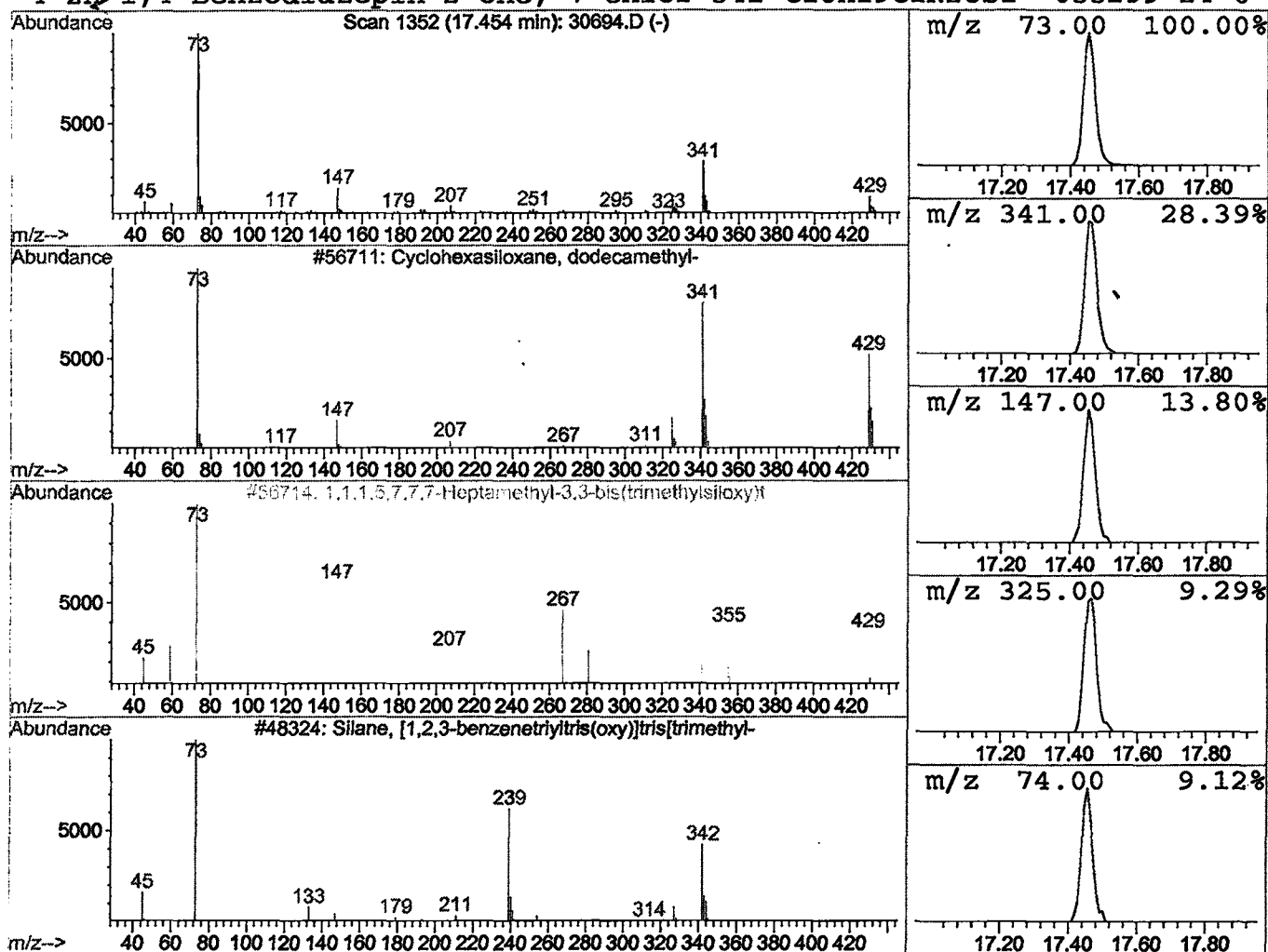
Vial: 31
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 4 Cyclohexasiloxane, dodecamethy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	1.08 ug/l	326040	Naphthalene-d8	15.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	36
2			1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	25
3			Silane, [1,2,3-benzenetriyltris(oxy	342	C15H30O3Si3	017864-23-2	14
4			2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30694.D
Acq On : 1 Jan 2002 6:01 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: LSCINT.P

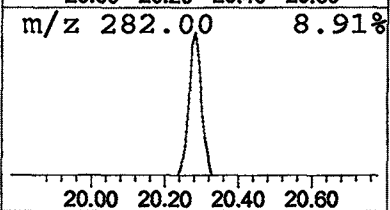
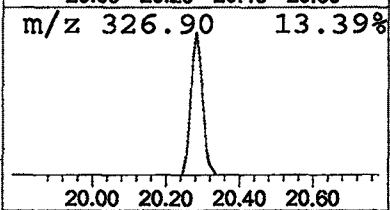
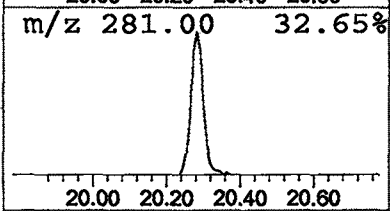
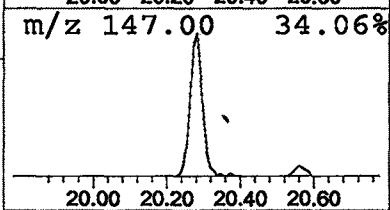
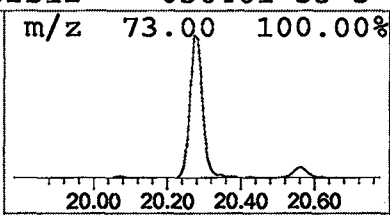
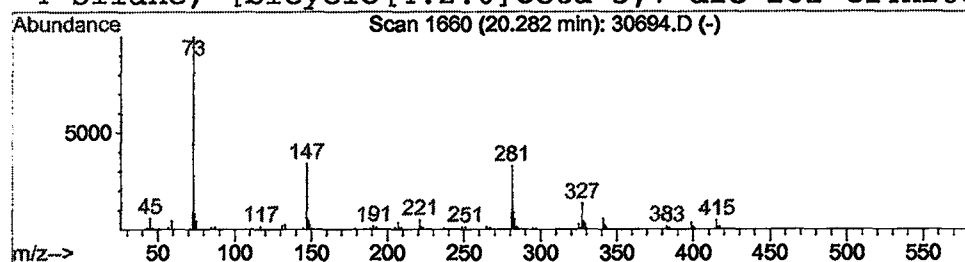
Vial: 31
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	0.62 ug/l	203951	Acenaphthene-d10	20.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	38
2			3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	37
3			4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	16
4			Silane, [bicyclo[4.2.0]octa-3,7-die	282	C14H26O2Si2	036461-33-3	7



Library Search Compound Report

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Acq On : 1 Jan 2002 6:01 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: LSCINT.P

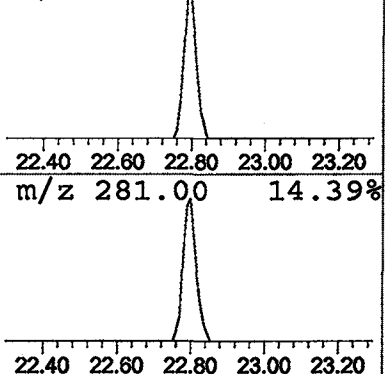
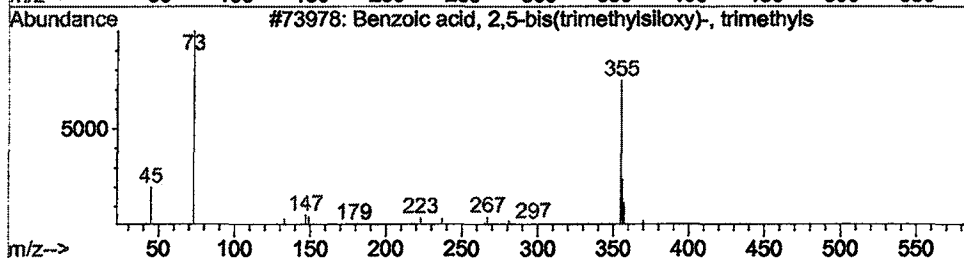
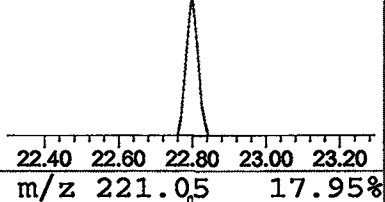
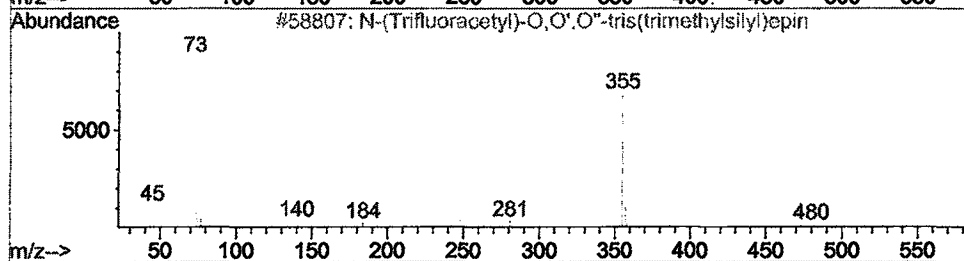
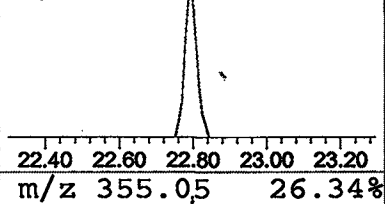
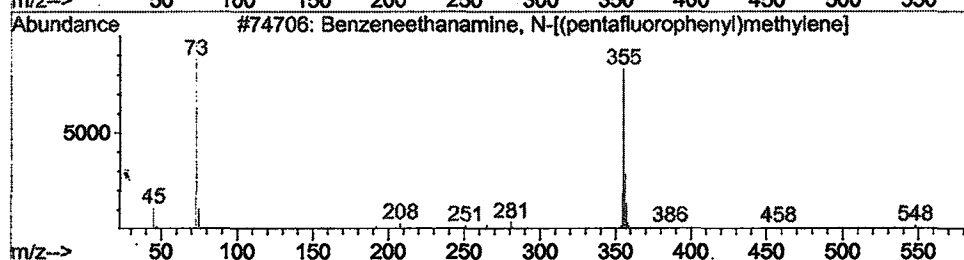
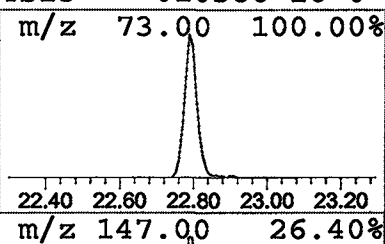
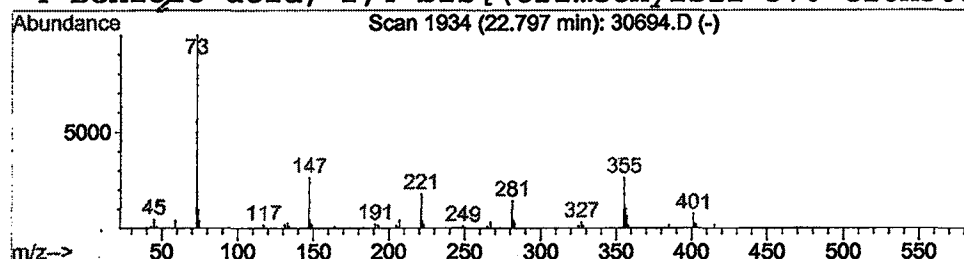
Vial: 31
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 6 Benzeneethanamine, N-[(pentafl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	0.36 ug/l	111350	Phenanthrene-d10	24.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	43
2			N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	43
3			Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	38
4			Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	32



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 1 Jan 2002 6:01 pm
Data File: C:\HPCHEM\1\DATA\DEC3101\30694.D
Name: gcms scan 12/19
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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
Butane, 2-methoxy-2-	7.61	4.2	ug/l	1014430	ISTD01	11.67	4852900	20.0
Cyclotetrasiloxane,	11.13	0.6	ug/l	156951	ISTD01	11.67	4852900	20.0
Cyclopentasiloxane,	14.31	0.9	ug/l	270573	ISTD02	15.28	6054430	20.0
Cyclohexasiloxane, d	17.45	1.1	ug/l	326040	ISTD02	15.28	6054430	20.0
Trisiloxane, 1,1,1,5	20.28	0.6	ug/l	203951	ISTD03	20.56	6558210	20.0
Benzeneethanamine, N	22.80	0.4	ug/l	111350	ISTD04	24.98	6166640	20.0

30694.D GCMS1126.M Wed Jan 23 08:31:30 2002

*Column
Heads*